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HONGKONG OBSERVATORY,
15*th April*, 1892.

SIR,—I have the honour to submit my annual report for 1891 to His Excellency the Governor. My seventh volume of observations and researches was published last summer and the eight volume is in the printers' hands. It contains the observations made in 1891.

2. The staff recommended by the Observatory Commission as a *minimum*, below which this institution could not be expected to do justice to the immense shipping interests in this great port, has now been appointed, but it is to be regretted that in the meantime the staff was so utterly inadequate. The work done during the past two years has unfortunately suffered in consequence, and no amount of expense now could possibly remedy the loss. Once a certain phenomenon has passed unrecorded the opportunity for observing it can never arise again, the same conditions being never repeated in the physical world.—Mr. F. G. FIGG returned to the Observatory at the end of October after two years absence on sick-leave, very much improved both in strength and experience, and lost no time in going over all the adjustments of instruments, revising reports, seeing them through press, &c. He has been overworked during the past six months, but has now succeeded in getting the work fairly up to date with the exception of information relating to typhoons and storm-warnings, which is several years in arrear.

3. The branch Observatory at the Peak, suggested by General PALMER, in 1881, declared necessary for storm-warnings by the Observatory Commission in 1890, and upon which improvements in local storm-warnings mainly depend, has not yet been constructed.

4. The China Coast Meteorological Register, based on information received from the Eastern Extension and Great Northern Telegraph Companies, was issued as usual and the stations in southern China are at present being visited and much needed improvements effected by Mr F. G. FIGG and myself.

5. Telegraphic connection with Victoria was interrupted on the 11th January, 1891, from 1 P. to 3 P., on the 13th February in the afternoon, on the 21st July from 4 P. to 9 P., on the 27th July from 7 P. to 8 P., and on the 17th September from 3.30 P. to 3.30 P. on the 18th. Interruptions occurred, therefore, on 6 days and, of course, also during thunderstorms.—Telephonic connection between the look-out on the Peak and the Central Police Station in Victoria (for transmitting observations to the Observatory) was interrupted from the 21st till the 26th of May, from the 29th till the 30th June, from the 19th till the 22nd July, from the 3rd till the 4th August, and on the 30th August. Interruptions occurred, therefore, on 15 days.

6. Telegrams giving information about typhoons were issued on 40 days. The Red Drum was hoisted 3 times, Red Ball 2, Red Cone (upwards) 1, Red Cone (downwards) 3, Black Drum 2, Black Ball 2, Black Cone (upwards) 2, Black Cone (downwards) 1, Lanterns (vertically) 3, Lanterns (horizontally) 2, Gun fired one round 2, and Gun fired two rounds 1 times.

7. During 1891, in addition to meteorological registers kept regularly at about 40 stations on shore, 213 ship-logs with entries during typhoons were copied. A number of log-books have of course been looked through without entries bearing on typhoons having been found. 15 were received through the Harbour Master's Office, 34 direct from the Captains or Owners, and 164 were copied on board ship in the harbour. For the latter purpose I am now using a pilot cutter which is fully as suitable and less expensive than a steam-launch. The ship-logs received in 1891 were thus distributed: for 1888, 3 logs; for 1889, 11 logs; for 1890, 31 logs; for 1891, 168 logs. But the information concerning typhoons in 1888, 1889, 1890 and 1891 is not yet complete. The following number is still wanted: for 1888, 17 logs; for 1889, 29 logs; for 1890, 28 logs; and for 1891, 71 logs. These figures refer to the 1st January, 1892, since which date a number has been collected, All the observations made at noon each day during the typhoon season are being reduced and tabulated at present, and are to serve in the construction of weather-maps, on the basis of which the typhoons will be investigated and their paths constructed.

8. 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, 22 thermometers and 5 barometers were verified.—Messrs. KELLY & WALSH have published a third edition of the "Instructions."

9. The following table shows the spectroscopic rain-band observed daily at 10 A. The mean value for the year was 2·6.

Table I.

Rainband in Hongkong in 1891.

Date.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1, ...	2	2	3	4	2	2	2	4	3	2	2	3
2, ...	3	3	4	4	...	2	3	4	2	3	2	2
3, ...	1	3	3	4	2	2	5	...	3	3	2	3
4, ...	2	3	3	4	3	3	5	3	3	4	3	0
5, ...	2	3	2	3	1	...	5	3	2	3	3	1
6, ...	2	3	3	4	2	5	3	3	3	2	3	1
7, ...	1	3	3	4	...	5	2	3	4	2	3	2
8, ...	1	4	3	2	1	5	2	3	3	3	4	2
9, ...	1	4	4	1	...	5	3	5	2	4	3	2
10, ...	2	4	4	1	...	5	3	3	2	3	2	2
11, ...	2	3	4	2	...	4	3	2	2	2	2	2
12, ...	1	3	3	2	...	4	3	3	3	2	1	1
13, ...	3	2	4	3	...	5	2	3	3	3	2	...
14, ...	3	1	3	3	...	4	3	2	4	3	3	1
15, ...	0	...	3	3	...	3	3	2	2	3	2	1
16, ...	0	1	4	...	...	3	3	2	2	3	3	1
17, ...	1	3	4	3	...	4	2	2	3	3	3	2
18, ...	1	2	3	...	...	...	3	2	4	1	2	2
19, ...	1	4	4	3	...	4	...	3	3	2	1	1
20, ...	1	3	3	3	4	3	4	2	2	2	2	2
21, ...	1	2	3	3	4	4	3	1	3	2	1	2
22, ...	1	2	3	...	5	3	3	3	3	3	1	1
23, ...	0	2	3	2	5	5	2	2	3	3	1	1
24, ...	1	2	2	1	4	5	2	2	3	2	2	0
25, ...	1	3	2	3	3	3	2	3	2	3	2	...
26, ...	2	3	2	2	4	3	2	4	2	3	2	1
27, ...	2	3	2	1	3	3	3	3	3	3	1	2
28, ...	2	3	2	...	2	...	2	3	3	2	2	2
29, ...	3	...	3	2	5	4	3	3	3	3	...	3
30, ...	...	...	4	2	3	3	3	3	3	4	3	3
31, ...	2	...	3	...	2	...	3	3	...	2	...	2
Means,.....	1.5	2.7	3.1	2.7	3.1	3.7	2.9	2.8	2.8	2.7	2.2	1.7

10. The following table exhibits the rainfall in Hongkong for about 40 years. The observations were, from January 1853 till March 1862 made by the Royal Engineers. From January till April 1853 the gauge was 20 feet above M. S. L. and very near the ground. From May 1853 till April 1855 it was 20 feet above the ground. From May 1855 till October 1857, it was 100 feet above M. S. L. and very near the ground. In November and December 1857 no observations were made. Mean values have been entered. From January 1858 till March 1862 it was 35 feet above M. S. L. and 20 feet above the ground. From April 1862 till December 1864 and also in September 1874 the observations were made in the Government Civil Hospital. From 1865 till 1883 they were made by the Army Medical Department, and from 1884 till 1891 at the Observatory. From January 1865 till May 1877 the gauge was very near the ground and 43 feet above M. S. L. From June 1877 till December 1883 it was 18 feet above M. S. L. and very near the ground. Since 1884 it was a foot above ground and 108 feet above M. S. L.—If the figures were accurate the value of this table would be great. It appears that there is a little more rain when there are many spots on the Sun than when there are few, but the difference is too slight to be of any practical importance. After the end of April, there is always plenty of rain up to the end of August, but then the rainfall decreases quickly as a rule, and as it is moreover extremely variable during September and October, these months should be watched. When rainfall is defective in both months a drought may occur during the following six months, though it is sometimes prevented by heavy winter rains:—

Table II.

MEAN RAINFALL IN HONGKONG, (1853-1891 INCLUSIVE).

Year.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1853, ...	0·35	0·88	0·31	1·15	5·95	9·23	28·65	0·58	18·54	2·27	10·59	3·12	81·62
54, ...	0·09	1·64	2·53	4·53	17·44	16·30	7·17	16·86	16·66	12·33	0·00	0·44	95·99
55, ...	0·05	1·81	1·74	2·78	2·84	30·09	16·12	19·54	24·83	5·74	3·16	0·85	109·55
56, ...	0·61	1·61	2·70	3·05	6·85	19·94	48·66	19·09	12·01	3·63	0·81	0·46	119·42
57, ...	0·25	0·33	0·27	11·29	0·62	21·37	6·26	7·68	20·06	11·50	*1·06	*0·99	81·68
58, ...	2·27	2·95	5·24	7·30	11·06	18·98	4·54	6·60	3·64	0·05	0·00	0·12	62·75
59, ...	0·08	0·18	4·19	0·35	2·01	7·70	17·24	11·06	23·69	11·79	0·10	0·53	78·92
1860, ...	-1·10	0·00	0·91	1·68	10·79	8·16	13·55	16·09	6·53	0·56	0·23	0·12	59·72
61, ...	2·50	2·16	0.42	6·40	15·47	13·10	14·28	5·16	10·28	2·26	0·87	3·04	75·94
62, ...	0·86	0·00	0.11	0·68	9·73	11·63	30·89	23·04	6·90	2·85	5·55	0·15	92·39
63, ...	1·80	0·00	1·99	0·43	4·40	29·75	5·96	15·91	20·12	3·61	1·63	2·20	87·80
64, ...	0·32	0·00	5·00	8·15	5·54	25·76	21·43	17·28	3·91	5·76	0·43	0·50	94·08
65, ...	0·13	1·12	0·64	8·54	11·89	12·51	12·84	11·81	7·19	7·83	0·47	1·06	76·03
66, ...	0·07	1·11	3·07	5·42	17·96	16·16	9·57	3·80	19·26	0·52	0·04	0·12	77·10
67, ...	1·03	0·30	8.30	3·17	10·67	9·50	24·70	16·50	18·54	9·45	0·00	0·00	102·16
68, ...	0·57	0·38	2·80	6·65	9·45	37·10	7·11	14·79	8·37	9·31	1·38	1·02	98·93
69, ...	0·21	4·32	5·50	5·46	13·00	11·50	6·81	10·50	15·10	5·38	0·00	0·16	77·94
1870, ...	0·00	0·00	3·71	1·24	19·80	5·92	5·82	14·48	15·23	3·90	0·69	0·00	70·79
71, ...	0·05	3·13	0·31	0·36	14·61	23·86	10·21	22·11	18·93	10·13	0·47	0·00	104·17
72, ...	0·05	0·81	0·29	1·03	8·69	21·19	17·89	12·30	10·29	9·80	0·07	0·36	82·77
73, ...	0·76	0·07	0·29	2·59	17·30	11·20	27·63	17·04	17·90	0·78	0·89	0·75	97·20
74, ...	0·30	2·06	4·41	7·07	39·76	10·54	9·87	11·68	14·77	4·20	0·11	0·19	104·96
75, ...	3·46	0·37	2·98	6·74	14·40	14·57	18·36	2·50	14·06	4·24	0·35	2·94	84·97
76, ...	1·20	0·23	11·07	5·32	11·02	7·23	22·51	34·35	6·00	1·17	1·34	4·08	105·52
77, ...	0·02	1·85	1·10	11·96	5·75	10·36	14·56	14·82	14·24	1·52	0·73	1·47	78·38
78, ...	1·74	2·96	5·57	3·14	20.58	15·69	5·78	16·31	1·95	16·18	0·00	0·04	89·94
79, ...	0·78	2·10	4·61	5·89	5·39	12·26	18·43	16·43	19·25	4·56	1·86	0·05	91·61
1880, ...	2·38	1·91	0.24	3·62	15·58	27·85	12·03	11·56	17·16	15·61	0·00	1·14	109·08
81, ...	0·00	0·21	2·02	14·50	4·50	6·91	23·38	27·38	6·09	10·43	2·43	1·10	98·95
82, ...	0·46	1·00	0·64	4·13	14·68	10·55	17·09	17·53	5·40	1·29	0·50	0·09	73·36
83, ...	0·25	0·11	9·77	5·23	15·88	11·28	16·20	26·28	32·56	0·51	2·28	0·31	120·66
84, ...	0·00	3·42	5.83	5·26	9·04	11·03	13·08	10·81	12·37	3·09	1·49	0·00	75·42
85, ...	0·87	2·70	2·47	14·89	4·86	31.36	13·54	27·87	5·84	2·51	0·76	1·25	108·92
86, ...	2·01	1·54	2·59	5·67	1·78	10·62	28·24	9·08	3·00	2·81	0·05	1·78	69·17
87, ...	8·43	1·89	2·95	5·64	2·05	5·47	12·08	13·15	10·96	2·03	0·79	0·85	66·29
88, ...	0·18	3·97	10·43	6·95	19·53	23·86	10·55	13·32	6·41	4·52	0·77	4·09	104·58
89, ...	0·73	0.72	2·49	12·27	48·84	9·72	4·57	18·14	11·80	8·72	1·54	0·18	119·72
1890, ...	2·39	1·48	4·15	1·96	11·23	14·84	22·60	8·95	1·94	0·01	0·01	1·37	70·93
91, ...	0·04	0·24	2·58	3·15	28·00	21·32	23·10	16·79	11·43	6·21	2·30	1·96	117·12
Mean, ...	0·98	1·32	3·24	5·27	12·54	15·81	15·98	14·85	12·65	5.36	1·17	1·00	90·17

* Interpolated.

11. The differences between each single month's mean values of the meteorological elements and the mean-monthly values taken from the 5-yearly report, printed as Appendix A. were taken and the following probable deviations determined by aid of the well-known formula :—

Barometer ± 0·022 ins, Barometric tide + 0·004 ins, Temperature + 0·90, Humidity + 3 p.c., Vapour Tension ± 0·028 ins, Sun-shine ± 6·4 p.c., Rainfall ± 2·76 ins, or in percentage of the respective fall 0·43, Wind velocity + 1·24 miles, Wind-direction ± 9°, Cloud-amount 6·4 p.c. These figures furnish also a description of the amount of sameness of the weather in different years in Hongkong for comparison with other places, the figures relating to which might be calculated in the same manner.

12. Comparing months when the value of an element is very much above the average with those where it is much below it, we obtain certain information which is exhibited in the following table :—

Table III.

Results of Comparison of Mean Monthly Meteorological Elements with 5-yearly Means.

Extremes only, (1884-1889) 6 Years.

Element.	Extreme.	No. of Months used in the Mean.	Barometer.	Temperature.	Vapor Tension.	Rainfall (actual).	Rainfall (proportional).	Velocity of Wind.	Direction of Wind.	Amount of Cloud.
			in.	°	in.	in.	in.	m.	°	
Barometer, ...	High, ...	18	+0.039	−0.7	−0.013	−0.01	−0.16	−0.1	−4	−1
	Low, ...	21	−0.043	+0.8	+0.036	+2.11	+0.45	+0.4	−1	+5
Temperature, ...	High, ...	20	−0.014	+2.0	+0.046	+1.19	+0.31	−0.4	+8	−1
	Low, ...	18	+0.013	−1.5	−0.024	+0.63	+0.03	+0.1	−7	+4
Vapor Tension,...	High, ...	23	−0.014	+1.4	+0.052	+2.87	+0.55	+0.3	+5	+3
	Low, ...	15	+0.015	−1.1	−0.053	−1.67	−0.37	−0.3	−6	−4
Rainfall, (proportional,	Excess, .	18	−0.023	+0.5	+0.032	+8.12	+1.28	+0.2	−3	+7
	Defect,...	18	+0.018	+0.3	−0.006	−3.45	−0.70	−0.2	+3	−3
Velocity of Wind,	High, ...	12	−0.011	+0.3	+0.022	+2.89	+0.24	+2.5	−8	+1
	Low, ...	16	−0.004	+0.8	+0.008	−1.25	−0.16	−2.2	+1	−2
Direction of Wind,	Positive,	13	−0.002	+1.3	+0.031	−2.24	−0.13	−0.1	+26	−1
	Negative,	18	−0.006	−0.4	−0.010	+0.31	+0.07	+0.3	−19	0
Amount Cloud,...	Excess, .	17	−0.025	+0.2	+0.027	+2.12	+0.49	+0.3	−4	+13
	Defect,...	14	+0.008	+0.1	−0.020	−1.75	−0.38	−0.3	−1	−13

13. Months with pressure exceeding the mean are on the whole colder, drier and clearer than other months in which pressure is deficient. If the temperature exceeds the mean, the vapour tension as a rule does so also, but not the cloudiness. Excess of rainfall causes excess of vapour tension, which occurs together with increased cloudiness. When the velocity of the wind exceeds the average, the rainfall is usually also above the average. The temperature does not seem to be affected by the amount of rain. The hot weather preceding rain-storms is balanced by the cold during the rainfall. There is not much to be learned from the direction of the wind in this connection as the results during the N.E. and S.W. monsoon are treated together. They must be treated separately, but that is better done by investigating wind-roses. On the whole a hot summer follows a warm winter, and a cold winter is followed by a cool summer.

14. The following tables exhibit wind-roses for Hongkong computed from the three years 1889-1891 inclusive. When the result depends on less than 4 days observations an asterisk is prefixed. At all seasons of the year East winds are most common—the Colony being situated within the region of the trade-wind,—but from June till September, there is another southerly maximum caused by the monsoon. During the winter the barometer is high during N and low during S winds, but in the summer it is high with E winds and low with NE winds, which latter blow during typhoons, but it is also low when the SW monsoon blows. In winter, the temperature is highest with S and lowest with N wind, and in summer, it is highest with SW and lowest with E winds, but in summer, the direction of the wind does not affect the temperature so much as in winter. In winter, the dampness is greatest with S and lowest with N winds, but in summer, it is greatest with E winds. The air is

clearest with NW winds and cloudiest with S winds, except during typhoons when N winds bring the clouds :—

Table IV.

Frequency of Wind from each of 8 Points of the Compass expressed as a percentage.

	N	NE	E	SE	S	SW	W	NW
January–February,..	17.4	11.4	58.2	2.2	0.5	0.5	3.3	6.5
March–April, ...	5.3	11.6	74.1	2.6	3.2	0.5	1.1	1.6
May–June, ...	...	3.2	42.1	7.4	26.8	15.8	2.6	2.1
July–August, ...	1.0	2.6	31.9	15.5	13.4	21 6	12.4	1.6
September–October, ...	10.9	12.5	51.6	4.2	3.1	6.8	7.3	3.6
November–December, ...	20.6	17.5	58.8	0.5	0.5	...	1.6	0.5

Mean Barometer.

	N	NE	E	SE	S	SW	W	NW
January–February,.....	30.139	30.080	30.005	29.761	* 29.743	* 30.056	29.960	29.994
March–April, ...	30.002	29.979	29.887	29.812	29.718	* 29.741	* 29.787	* 29.893
May–June, ...	...	29.639	29.716	29.747	29.687	29.655	29.665	29.637
July–August, ...	* 29.600	29.459	29.638	29.642	29.625	29.615	29.625	* 29.547
September–October, ...	29.797	29.778	29.812	29.762	29.725	29.724	29.655	29.701
November–December, ...	30.025	30.063	29.987	* 29.991	* 29.879	...	* 29.913	* 30.028

Mean Temperature.

	N	NE	E	SE	S	SW	W	NW
January–February,.....	54.1	59.3	61.3	70.9	* 72.5	* 60.1	63.8	60.7
March–April, ...	58.6	61.1	66.3	71.7	77.3	* 66.0	* 65.2	* 69.9
May–June, ...	...	78.3	76.5	80.0	81.7	81.8	79.7	78.1
July–August, ...	* 82.0	82.8	80.7	80.3	82.1	82.5	81.7	* 80.7
September–October, ...	76.8	77.5	78.7	80.4	81.6	81.9	80.9	80.8
November–December, ...	64.9	64.5	67.5	* 69.1	* 73.0	...	* 68.3	* 67.8

Mean Relative Humidity.

	N	NE	E	SE	S	SW	W	NW
January–February,.....	64	71	79	91	* 93	* 77	83	78
March–April, ...	74	80	88	84	84	* 88	* 88	* 83
May–June, ...	...	85	87	84	82	83	80	77
July–August, ...	* 79	76	85	85	83	82	81	* 82
September–October, ...	61	68	77	81	81	81	81	67
November–December, ...	56	64	74	* 73	* 76	...	* 74	* 75

N.B.—When the result depends on less than 4 days' observations a star * is prefixed.

Mean Daily Amount of Sunshine.

	N	NE	E	SE	S	SW	W	NW
January–February, ...	2.6	4.3	4.7	2.3	* 0.8	* 0.5	4.5	4.1
March–April, ...	2.0	1.6	2.5	3.6	2.0	* 0.1	* 5.9	* 3.6
May–June, ...	...	1.8	4.0	6.9	5.1	4.5	7.5	8.1
July–August, ...	* 5.2	5.8	6.1	4.4	4.8	7.2	8.3	* 5.4
September–October, ...	6.2	6.2	6.4	8.9	8.2	7.6	7.6	7.9
November–December, ...	5.7	4.2	5.7	* 9.9	* 10.0	...	* 6.7	* 5.2

Mean Rainfall and Duration of Rain.

	N		NE		E		SE		S		SW		W		NW	
January–February,.....	0.032	2	0 023	1	0.029	2	0.036	1	* 0.145	5	* 0.005	2	0.027	1	0.061	2
March–April, ...	0.147	4	0.230	4	0.129	3	0.011	1	0.062	3	* 1.230	8	* 0.100	3	* 0.031	1
May–June, ...	...		0.851	6	0.600	3	0.403	2	0.842	3	0.735	2	1.134	1	1.377	2
July–August, ...	* 0.000	0	0.438	2	0.444	2	0.854	4	0.579	2	0.465	2	0.279	1	* 0.495	2
September–October, ...	0.282	1	0.128	1	0.244	2	0.213	2	0.163	1	0.073	0	0.280	1	0.041	1
November–December, ...	0.036	0	0.065	2	0.035	1	* 0.000	0	* 0.000	0	...		* 0.000	0	* 0.005	0

Mean Daily Amount of Cloud.

	N	NE	E	SE	S	SW	W	NW
January–February, ...	7.7	6.8	6.3	9.4	* 9.7	* 9.9	7.3	6.8
March–April, ...	8.1	9.3	8.5	7.0	8.7	* 9.9	* 8.3	* 7.5
May–June, ...	...	8.7	7.6	7.2	7.9	8.0	6.8	6.1
July–August, ...	* 7.1	6.7	6.5	7.5	7.3	6.0	4.9	* 6.7
September-October, ...	5.6	5.2	5.2	3.8	3.9	4.9	4.7	4.2
November–December, ...	5.6	6.4	5.7	* 0.5	* 1.2	...	* 4.7	* 4.7

N.B.—When the result depends on less than 4 days' observations a star * is prefixed.

15. Mr. Roberts, of the Nautical Almanack Office, has harmonically analysed the hourly readings of tides published in my last volume and the results will in future be used in the tide-tables published annually for this port.

16. The number of transits observed in 1891 was 303, and the inclination of the axis was determined 76 times. A new Standard Mean Time Clock was received in August last from Mr. James Brock, of 64, George Street, Portman Square, London. The works were very rusty when unpacked and the pivots had to be repolished. This was because it had not been oiled before packing in the zinc-lined case. The pendulum has the zinc and steel tubular compensation and a very heavy pendulum swinging in a large arc, which lessens the barometric coefficient, but there is an excessively large thermometric coefficient, the zinc being as usual too long. An Electric Chronograph has just been received from Sir Howard Grubb, of Dublin, and is being unpacked. The Sidereal Standard Clock was taken to pieces and cleaned in autumn. It will be remarked that its gaining rate which had continued increasing for years, was changed into an increasing losing rate since it was re-started.

Table V.

Rate of Sidereal Standard Clock in 1891.

Period.		Rate.	Temp.	Rate at 70°	Period.		Rate.	Temp.	Rate at 70°
		s	°	s			s	°	s
January,	1–11	−0.20	65.5	−0.48	July,	10–20	−1.94	81.9	−1.19
„	11–21	−0.08	64.8	−0.40	„	20–30	−1.93	82.1	−1.16
„	21–31	+0.01	65.6	−0.26	„	30– 9	−1.96	81.7	−1.22
„	31–10	+0.03	64.9	−0.29	August,	9–19	−1.88	82.5	−1.09
February,	10–20	+0.01	65.1	−0.29	„	19–29	−1.87	83.9	−1.00
„	20– 2	+0.01	67.3	−0.16	„	29– 8	−1.66	83.4	−0.82
March,	2–12	0.00	65.8	−0.26	Sept.,	8–18	−1.59	82.6	−0.79
„	12–22	0.00	65.6	−0.27	„	18–28	−1.50	82.0	−0.74
„	22– 1	−0.06	65.8	−0.32	„	28– 8	−1.48	81.7	−0.74
April,	1–11	−0.17	66.3	−0.40	October,	8–18	−1.73	82.1	−0.96
„	11–21	−0.40	69.7	−0.42	„	18–28	−1.84	81.3	−1.13
„	21– 1	−0.64	70.0	−0.64	„	28– 7	−1.73	78.4	−1.20
May,	1–11	−0.72	73.8	−0.48	Nov.,	7–17	clock cleaned.		
„	11–21	−1.09	76.7	−0.67	„	17–27	+0.41	69.7	+0.39
„	21–31	−1.10	79.9	−0.48	„	27– 7	+0.85	66.6	+0.64
„	31–10	−1.28	81.6	−0.55	Dec.,	7–17	+0.90	67.7	+0.75
June,	10–20	−1.42	79.4	−0.83	„	17–27	+1.13	66.4	+0.90
„	20–30	−1.59	80.7	−0.92	„	27– 6	+1.24	66.0	+0.99
„	30–10	−1.79	81.7	−1.05		.....	...	...	...

17. As stated in the time-ball notice published in the *Government Gazette* on the 10th January, 1885, the time-ball was not dropped on Sundays and Government Holidays, but since November last, we have begun to do so also on Sundays. It is to be regretted that the ball was not dropped either so regularly or accurately as heretofore and that this was due to lack of care and skill on behalf of the assistants, who attended to it. While Mr. F. G. Figg, assisted in the Time-Service the probable error did not amount to more than 0s.15.—From February 28th till March 3rd inclusive the ball was not dropped as the assistant did not attend to the work. On June 29th and July 1st, the ball failed to drop owing to the piston not resting on the lock. From July 4th till the 8th inclusive the ball was not hoisted as the covered wires in the electro-magnets had been fused in a great thunderstorm (although out of circuit). On the 1st August, the ball failed owing to a corroded wire in the reversing galvanometer. From the 17th till the 19th August, the ball was not dropped owing to repairs to the crank, which broke on the 17th when the assistant allowed the pawl to slip. On the 20th August, the assistant did not attend. On the 24th and 25th August, the crank was away for alterations and the ball could not be hoisted. On the 28th August, the ball was not hoisted as the current failed on trial. On the 2nd September, the assistant did not attend, and on the 9th, the ball failed owing to the discharge wire being broken.

Table VI.

Errors of Time-Ball in 1891.

−means too late. *+means too early.*

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1,	...	...	...	+0.6	0.1	+0.4	...	...	−0.3	0.1	−0.2	0.1
2,	...	0.1	...	+0.7	−0.3	+0.3	0.1	...	...	0.1	−0.5	0.1
3,	−0.7	0.1	...	+0.9	...	+0.4	0.1	...	−0.2	−0.2	0.1	0.1
4.	...	0.1	0.1	+1.0	−0.5	+0.5	...	−0.2	−0.3	...	0.1	0.1
5,	−0.2	0.1	0.1	...	0.1	+0.7	...	0.1	0.1	−0.2	−0.2	−0.2
6,	−0.3	0.1	0.1	+1.2	+0.2	+0.9	...	0.1	...	−0.3	−0.2	−0.4
7,	−0.4	0.1	0.1	+1.4	+0.2	...	...	0.1	−0.3	−0.2	−0.2	−0.3
8,	0.1	...	...	+1.6	+0.3	+1.4	...	+0.2	0.1	+0.5	−0.2	+0.2
9,	0.1	...	0.1	0.1	+0.4	+1.7	+0.2	...	...	+0.4	−0.3	+0.3
10,	0.1	0.1	0.1	0.1	...	+1.9	0.1	+0.2	+0.2	+0.5	0.1	+0.2
11,	...	0.1	0.1	0.1	+1.0	+0.7	0.1	0.1	+0.3	...	−0.3	+0.2
12,	0.1	0.1	0.1	...	+1.4	0.1	...	0.1	+0.4	+0.3	−0.7	−0.3
13,	0.1	0.1	0.1	+0.4	+0.9	+0.3	0.1	0.1	...	0.1	0.1	+0.2
14,	0.1	0.1	0.1	+0.6	0.1	...	0.1	0.1	+0.7	0.1	0.1	0.1
15,	−0.2	...	...	+0.7	0.1	+0.4	0.1	0.1	0.1	0.1	0.1	0.1
16,	−0.2	0.1	0.1	+0.9	...	0.1	0.1	...	−0.2	0.1	0.1	0.1
17,	−0.2	0.1	0.1	+1.0	...	0.1	0.1	...	0.1	+0.2	0.1	0.1
18,	...	0.1	0.1	+1.2	...	0.1	0.1	...	0.1	...	0.1	+0.2
19,	−0.4	+0.2	0.1	...	0.1	0.1	...	...	0.1	0.1	0.1	−0.2
20,	−0.5	+0.2	0.1	+1.5	0.1	0.1	0.1	...	...	0.1	0.1	−0.2
21,	−0.6	+0.2	0.1	+1.8	0.1	...	−0.2	0.1	−0.3	0.1	0.1	−0.3
22,	...	...	...	+2.1	0.1	0.1	0.1	−0.2	−0.2	+0.3	0.1	−0.2
23,	...	+0.2	0.1	+2.4	0.1	+0.2	0.1	...	−0.2	+0.4	0.1	−0.2
24,	...	+0.2	0.1	+2.7	...	+0.3	0.1	...	+0.2	0.1	−0.3	−0.2
25,	...	+0.2	0.1	+3.0	...	+0.3	0.1	...	+0.4	...	−0.7	...
26,	0.1	+0.2	0.1	...	0.1	0.1	...	−0.2	+0.5	0.1	−1.0	...
27,	−0.2	+0.2	...	+1.4	0.1	+0.5	0.1	−0.4	...	0.1	−1.4	0.1
28,	−0.2	...	+0.3	0.1	0.1	...	0.1	...	0.1	−0.2	−1.8	0.1
29,	−0.3	...	...	+0.4	0.1	...	0.1	−0.7	−0.2	0.1	−2.3	0.1
30,	−0.3	...	...	+0.6	+0.2	0.1	0.1	...	0.1	0.1	−1.2	0.1
31,	0.1	...	+0.5	...	...	...	0.1	−1.0	...	−0.2	..	0.1

18. Magnetic Observations made at the Hongkong Observatory in the years 1890 and 1891.

The observations, of declination and horizontal force were made with the unifilar magnetometer, Elliott Brothers, No. 55, and the dips were observed with dip-circle, Dover No. 71. The observations were discontinued for some time while there were no assistants in the Observatory, but that is not likely to occur again.

The methods adopted in making the observations and in determining and applying the corrections are explained in *Appendix G* of *Observations and Researches made in 1885;* "On the verification of the unifilar magnetometer, Elliott Brothers, No. 55," the value of log π^2 K was 3.45020 at 29° cent. in 1890, and 3.44949 at 27° in 1891. The value of P was + 7.292 in 1890, and + 5.854 in 1891. These constants are now determined separately at each observation. The mean value of the magnetic moment of the vibrating needle was in 1890, 0.47120 in English units and 615.19 in C.G.S. units, and in 1891, 0.46543 in English units and 607.66 in C.G.S. units.

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

The observations of horizontal force are expressed in C. G. S. units (one centimeter, one gramme, one second), but the monthly synopsis exhibits X, the horizontal, as well as Y, the vertical, and the total forces, which have been computed by aid of the observed dips, and their values are also given in English units (one foot, one grain, one second) and in Gauss's units (one millimeter, one milligram, one second)

19. 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 rain-gauge are placed in the look-out. The cistern of the barometer is 1814 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 8 inches in diameter and one foot above the ground.

20. 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 temperature of the air, and of the temperature of evaporation as determined by aid of rotating thermometers. Table II. exhibits also the extreme temperatures during the day reduced to rotating thermometer. Table III. exhibits also the solar radiation (black bulb in vacuo) maximum temperature reduced to the Kew arbitrary standard.

Table IV. exhibits the mean relative humidity in percentage of saturation and mean tension of water vapour present in the air expressed in inches of mercury for every hour in the day and for every day in the month calculated by aid of Blandford'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 10 A. and entered to preceding day, but it is evident that the observer does not attend to the gauge every day.

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, but the direction is read off at the 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 observations of the direction (to two points) 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.

21. The following annual weather report for 1891, is arranged as follows :—

Table VII. exhibits the mean values for the year (or 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 VIII. of this report. The total amount of rain was 117.120 at the Observatory, and 128.66 at the Peak. The total duration registered at the Observatory was 917 hours. There fell at least 0.01 inch of rain, on 154 days at the Observatory.

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

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

Table X. 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 XI. shows the frequency of clouds of the different classes.

Table XII. is arranged as in previous years.

Tables XIII. and XIV. 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 XV. contains five-day means.

Tables XVI., XVII. and XVIII. contain magnetic observations.

22. The following phenomena were noted during the different months of 1891 :—

PHENOMENA OBSERVED IN 1891.

January, 1891.

Lunar Corona : on the 18th, 19th, 20th, 22nd, 25th and 26th.
Haze : on the 3rd, 7th, 13th and 31st.

February, 1891.

Lunar Corona : on the 13th, 16th, 21st, 23rd, 25th and 26th.
Fog : on the 3rd, 5th, 24th, 26th and 27th.
Haze : on the 6th, 7th, 23rd, 27th and 28th.
Unusual Visibility : on the 1st and 20th.
Dew : on the 22nd and 23rd.
Thunder without lightning : on the 2nd.

March, 1891.

Solar Corona : on the 22nd.
Lunar Corona : on the 16th, 17th and 24th.
Fog : on the 3rd, 20th, 21st and 31st.
Haze : on the 1st, 8th, 25th, 26th, 27th and 28th.
Unusual Visibility : on the 12th and 16th.
Dew : on the 1st, 15th and 26th.
Lightning without thunder : on the 10th.
Thunderstorm : on the 16th in the forenoon (nearest at 11.13a. in WNW—4 s.)

April, 1891.

Solar Halo : on the 24th.
Lunar Corona : on the 14th, 20th, 21st, 22nd, 23rd and 26th.
Fog : on the 15th, 16th and 24th.
Haze : on the 8th, 9th, 10th, 23rd, 26th and 27th.
Unusual Visibility : on the 5th, 6th, 18th and 26th.
Dew : on the 23rd, 24th, 26th and 27th.
Lightning without thunder : on the 26th.
Thunder without lightning : on the 18th.
Thunder and Lightning : on the 3rd.
Thunderstorm : on the 4th, 12.10a.—10.30a., SE—NW nearest 12.15a. (5 s. SE.)

May, 1891.

Solar Corona: on the 7th, 8th, 10th and 28th.
Solar Halo: on the 11th and 23rd.
Lunar Corona: on the 12th, 17th, 18th, 20th and 24th.
Lunar Halo: on the 24th and 25th.
Fog: on the 5th.
Haze: on the 4th, 5th, 6th, 7th, 8th, 9th, 12th, 18th, 29th and 31st.
Unusual Visibility: on the 10th, 17th, 24th, 26th and 31st.
Dew: on the 4th, 7th, 18th and 31st.
Rainbow: on the 14th.
Lightning without thunder: on the 3rd, 8th, 9th, 10th, 11th, 24th, 25th and 28th.
Thunder without lightning: on the 26th.
Thunder and lightning: on the 4th, 21st and 31st.
Thunderstorm: from 9.25a. on the 13th till 8.30a. on the 14th, from WNW to NE, nearest at 1.37a. (2 s. NNE); from 4.15p. to 5.45p. on the 14th, from W to S, nearest at 5.32p. (11 s.); a distant storm from 3p. till 5.15p. on the 15th; from 10.30a. till 2p. on the 16th, from WNW to N, nearest at 12.7p. (½ s. N); from 4p. till 10p. on the 20th, from NE to SW, nearest at 6.18p. (4 s), thunder and lightning continued all night; from 7p. on the 21st till 2p. on the 22nd, from N to S, nearest at 12.59a. (3 s. SE); from 6.30a. till 11a. on the 23rd, from N to SE, nearest at 10.11a. (5 s. SE); on the morning of the 29th, nearest at 9.40a. (2 s. SSE).

June, 1891.

Solar Corona: on the 3rd.
Solar Halo: on the 2nd and 29th.
Lunar Corona: on the 12th, 15th and 17th.
Lunar Halo: on the 19th.
Haze: on the 2nd, 3rd, 7th, 8th, 9th, 10th, 11th, 15th, 19th, 20th, 24th, 27th and 29th.
Unusual visibility: on the 10th, 12th, 14th, 16th, 17th, 21st, 22nd and 28th.
Dew: on the 10th.
Rainbow: on the 29th.
Lightning without thunder: on the 1st, 3rd, 5th, 11th, 19th, 22nd, 25th, 26th and 27th.
Thunder without lightning: on the 24th.
Thunder and lightning: on the 2nd, 6th, 10th, 20th and 21st.
Thunderstorms: on the 4th, 1.16p.—5p. in NNE, nearest at 2.47p. (9 s.); on the 7th, 3.30p.—7.30p. NE to S, nearest in NE (6 s.); on the 8th, 9.43a.—11.30a. nearest at 10.25a. (5 s.); on the 13th, 7.40p.—10p. ESE to NW, nearest in S at 8p. (6 s).

July, 1891.

Solar Halo: on the 13th, 15th, 18th and 20th.
Lunar Corona: on the 10th, 11th, 12th, 13th, 14th, 15th and 17th.
Lunar Halo: on the 14th and 29th.
Haze: on the 1st, 2nd, 9th, 11th, 17th, 21st, 24th, 25th, 26th, 27th and 28th.
Unusual visibility: on the 8th.
Dew: on the 23rd, 25th and 26th.
Rainbow: on the 11th, 16th, 20th and 23rd.
Lightning without thunder: on the 1st, 2nd, 7th, 9th, 10th, 11th, 29th and 30th.
Thunder and lightning: on the 3rd, 6th, 18th and 20th.
Thunderstorms: on the 4th, 8a.—3p. N to SSE, nearest at 9.46a. in SSE (½ s.). This was the worst thunderstorm as yet registered in the Observatory. Wires in electric coils unconnected with circuits out of door were fused. Sparks were seen and shocks felt by persons in the bedrooms. From 9p. on the 4th till 12.30p. on the 5th, W to S, nearest at 10.24p. (overhead) and again at 9.48a. on the 5th (10 s. in W).

August, 1891.

Solar Corona: on the 26th.
Solar Halo: on the 10th, 11th, 13th, 15th, 23rd, 28th and 29th.
Lunar Corona: on the 10th, 13th, 14th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd and 24th.
Lunar Halo: on the 14th, 18th and 21st.

Haze: on the 6th, 19th, 20th, 21st, 22nd, 23rd, 25th, 26th, 27th, 29th, 30th and 31st.
Dew: on the 20th and 31st.
Solar Rainbow: on the 1st, 5th, 8th, 28th and 29th.
Lunar Rainbow: on the 24th (about 10.30p).
Lightning without thunder: on the 1st, 2nd, 3rd, 4th, 7th, 11th, 13th, 22nd, 25th and 26th.
Thunder and lightning: on the 23rd and 24th.
Thunderstorms: on the 30th, 12.45p.—1.55p. nearest at 1.7p. (12 s. in SE), and on the 31st 1p.—3.30p. from N to S, nearest at 2.42p. (10 s. in S).

September, 1891.

Solar Corona: on the 17th and 29th.
Solar Halo: on the 8th and 16th.
Lunar Corona: on the 8th, 9th, 12th, 13th, 14th, 15th, 16th, 18th, 21st and 22nd.
Lunar Halo: on the 9th, 10th, 19th, 21st and 23rd.
Haze: on the 1st, 2nd, 4th, 6th, 8th, 9th, 13th, 14th, 20th, 21st, 24th, 25th, 26th, 29th and 30th.
Unusual visibility: on the 4th and 22nd.
Rainbow: on the 2nd and 13th.
Lightning without thunder: on the 1st, 4th, 16th, 26th and 28th.
Thunder without lightning: on the 17th.
Thunder and lightning: on the 2nd, 3rd, 7th and 8th.
Thunderstorms: on the 6th, nearest at 4. 2 p. (3 s. in ENE), and on the 9th, nearest at 7. 25 p. (20 s. in NW).

October, 1891.

Lunar Corona: on the 9th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 21st and 22nd.
Lunar Halo: on the 12th.
Haze: on the 7th, 8th, 28th and 29th.
Unusual visibility: on the 15th, 27th and 29th.
Rainbow: on the 9th and 11th.
Lightning without thunder: on the 7th, 8th, 13th, 14th, 15th, 16th, 24th, 28th and 29th.
Thunder and lightning: on the 20th.
Thunderstorm: on the 9th, 2a.—6a. nearest at 2.30a. (2 s. in SW).

November, 1891.

Lunar Halo: on the 14th and 15th.
Lunar Corona: on the 9th, 13th, 14th, 15th, 16th and 17th.
Haze: on the 12th, 14th, 21st, 22nd, 23rd and 30th.
Unusual visibility: on the 9th, 10th, 11th, 12th, 17th and 25th.
Dew: on the 21st.
Rainbow: on the 19th.
Thunder and lightning: on the 8th.
Thunderstorms: on the 9th midt.—10th 4a. in S.—distant.

December, 1891.

Solar Halo: on the 22nd.
Solar Corona: on the 21st.
Lunar Corona: on the 7th, 8th, 9th, 10th, 11th, 13th and 16th.
Slight fog: on the 30th.
Haze: on the 1st, 3rd, 8th, 11th, 12th, 13th, 14th, 15th, 16th, 19th, 20th, 25th, 28th and 31st.
Unusual visibility: on the 2nd, 3rd, 4th, 6th, 7th, 8th, 10th, 17th, 18th, 19th, 22nd, 23rd and 31st.
Dew: on the 12th, 30th and 31st.
Thunderstorm: on the 30th, 2.15a.—4.45a., nearest 4.15a. in S.

I have the honour to be,

Sir,

Your most obedient Servant,

W. Doberck,
Director.

The Honourable G. T. M. O'Brien,
Colonial Secretary,
&c., &c., &c.

Table VII.

Mean Values and Hourly Excess above the Mean of Meteorological Elements in 1891.

	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	—.008	—.017	—.020	—.016	—.003	+.014	+.030	+.042	+.046	+.036	+.017	—.006	—.025	—.038	—.043	—.039	—.030	—.016	+.001	+.014	+.022	+.022	+.015	29.839	28.111
Temperature,	— 1.2	— 1.4	— 1.6	— 1.7	— 1.9	— 1.8	— 1.3	— 0.4	+ 0.5	+ 1.3	+ 2.0	+ 2.4	+ 2.5	+ 2.6	+ 2.3	+ 1.7	+ 0.7	— 0.1	— 0.4	— 0.6	— 0.6	— 0.8	— 0.9	— 1.0	71.8	66.4
Diurnal Range,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.6	6.0
Humidity,	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 3	0	— 2	— 4	— 5	— 6	— 6	— 6	— 6	— 4	— 2	0	+ 1	+ 2	+ 2	+ 3	+ 3	+ 3	79	...
Vapour Tension,	+.003	+.001	—.061	—.006	—.008	—.007	—.004	—.003	—.003	—.002	—.001	+.002	+.003	+.004	+.003	+.002	—.001	—.002	—.001	+.002	+.002	+.003	+.006	+.005	0.650	...
Sunshine (Total),	...	...	...	...	...	7.0	79.0	137.6	153.6	171.9	181.4	188.7	192.8	185.6	182.3	162.2	95.0	14.6	...	...	...	...	...	...	1751.7	...
Rainfall, (Total),	4.990	4.470	7.730	7.245	7.010	4.410	6.195	7.455	8.880	8.530	5.545	4.955	6.855	2.710	4.345	4.650	4.970	3.015	2.225	2.155	2.065	1.890	2.470	2.355	117.120	128.66
Hours of Rain (Total),	37	40	42	47	43	38	49	48	50	41	43	35	45	36	37	43	36	32	32	27	33	36	40	38	948	...
Intensity of Rain,	0.135	0.112	0.184	0.154	0.163	0.116	0.126	0.155	0.178	0.208	0.129	0.142	0.152	0.075	0.117	0.108	0.138	0.094	0.070	0.080	0.063	0.052	0.062	0.062	0.124	...
Wind-Velocity,	— 0.8	— 0.6	— 0.6	— 0.6	— 1.0	— 1.2	— 0.9	— 0.2	+ 0.8	+ 0.9	+ 2.6	+ 1.8	+ 2.0	+ 2.2	+ 1.7	+ 0.9	+ 0.3	— 0.7	— 1.3	— 1.3	— 1.0	— 1.0	— 1.0	— 0.9	13.4	23
Wind-Direction,	— 5°	— 5°	— 3°	— 3°	— 2°	— 3°	— 4°	— 8°	— 5°	— 2°	+ 1°	+ 6°	+ 8°	+ 7°	+11°	+ 9°	+ 7°	+ 5°	+ 1°	— 2°	— 2°	— 4°	— 4°	— 4°	E 2° N	E 23° S
Cloudiness,	— 3	...	...	+ 2	...	...	+ 7	...	...	+ 4	...	...	+ 1	...	...	0	...	...	— 5	...	...	— 6	...	...	67	...
Solar Radiation,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	127.4	...
Excess of do. do.,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	50.8	...

TABLE VIII.

Number of Hours during portion of which it rained, for each Month in the Year 1891.

Month.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Total.
January,	...	...	...	...	...	1	1	1	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	6
February,	1	1	...	...	...	...	...	...	1	1	1	1	...	...	...	...	1	...	...	...	2	1	1	1	12
March,	5	2	3	4	1	4	2	1	6	4	2	...	1	1	2	2	3	1	2	4	5	4	4	5	68
April,	3	6	6	8	7	5	4	4	5	5	6	2	4	4	3	4	2	3	3	2	2	2	3	5	98
May,	4	5	6	4	5	3	9	8	9	6	6	5	5	4	4	6	7	5	3	2	2	4	3	5	120
June,	2	5	4	6	5	5	8	8	5	4	8	7	7	5	8	8	6	8	6	6	4	4	5	3	137
July,	5	4	5	8	8	4	10	14	11	11	8	5	9	9	5	4	4	2	4	4	3	6	7	6	156
August,	8	5	6	4	5	4	5	5	2	4	6	8	8	4	5	7	4	5	5	3	5	6	7	6	127
September,	1	4	5	3	4	4	3	3	4	2	2	3	7	5	5	6	6	4	2	2	2	1	4	2	84
October,	3	4	2	6	6	5	3	3	5	2	2	2	3	4	4	3	2	3	4	2	5	4	4	2	83
November,	2	2	2	2	1	1	1	1	1	1	1	2	1	...	...	1	...	...	1	1	1	1	1	1	25
December,	3	2	3	2	1	2	3	...	...	1	1	...	...	...	1	2	1	1	2	1	1	2	1	2	32
Total,	37	40	42	47	43	38	49	48	50	41	43	35	45	36	37	43	36	32	32	27	33	36	40	38	948

Table IX.

Number of days with wind from eight different points of the compass during each month of the year 1891.

Month.	N.	NE.	E.	SE.	S.	SW.	W.	NW.
January,	2	5	22½	...	...	...	...	1½
February,	7½	3	14½	1	...	...	1	1
March,	2½	5½	21½	½	...	1	...	...
April,	1	3½	20½	2	2	...	...	1
May,	...	1	17	2	7½	3½	...	...
June,	...	1	15½	1½	4	6	½	1½
July,	...	½	14½	4	7	4	½	½
August,	1	3½	9½	10	½	4½	2	..
September,	2½	2½	12½	1½	2½	½	5½	2½
October,	1	2½	22½	1	2	1	1	...
November,	13½	6	10½	...	...	...	...	...
December,	4	7½	19½	...	...	...	...	...
Year,	35	41	201	24	25	20	11	8

Table X.

Total number of Days on which different Meteorological Phenomena were noted and Total Number of Thunderstorms during each month of the year 1891.

Month.	Fog.	Electric Phenomena.	Lightning.	Thunder.	Thunder-storms.	Unusual Visibility.	Dew.	Rainbows.	Lunar Halo.	Lunar Corona.	Solar Halo.	Solar Corona.
January,	...	...	...	...	...	...	...	...	...	6	...	...
February,	5	1	...	1	...	2	2	..	...	6	...	...
March,	4	2	2	1	1	2	3	...	...	3	...	1
April,	3	4	3	3	1	4	4	...	...	6	1	...
May,	1	20	19	12	8	5	4	1	2	5	2	4
June,	...	19	18	10	4	8	1	1	1	3	2	1
July,	...	14	14	6	2	1	3	4	2	7	4	...
August,	...	14	14	4	2	...	2	6	3	11	7	1
September,	...	12	11	7	2	2	...	2	5	10	2	2
October,	...	11	11	2	1	3	...	2	1	12	...	...
November,	...	2	2	2	1	6	1	1	2	6	...	...
December,	1	1	1	1	1	13	3	...	...	7	1	1
Sums,	14	100	95	49	23	46	23	17	16	82	19	10

Table XI.

Total Number of Times that Clouds of different Forms were observed in each month of the year 1891.

Month.	c.	c-str.	c-cum.	sm-cum.	cum.	cum-str.	str.	R-cum.	cum-nim.	nim.
January,	4	3	7	88	93	...	4	2	10	2
February,	1	2	2	53	98	...	51	4	17	8
March,	...	1	1	43	81	...	59	...	50	46
April,	...	4	...	30	74	...	37	2	42	59
May,	9	39	14	68	124	4	10	8	24	43
June,	11	64	13	40	137	1	15	4	19	49
July,	7	81	8	16	151	...	3	5	25	34
August,	...	120	14	28	156	...	4	3	12	37
September,	...	62	16	57	125	...	1	3	18	15
October,	...	22	3	31	165	...	3	2	13	24
November,	...	31	8	96	82	...	12	8	6	11
December,	4	24	6	79	84	...	7	10	14	19
Sums,	36	453	92	629	1370	5	206	51	250	347

TABLE XII.

Month.	Barometric Tide.	Mean Diurnal Variability of Temperature.	Temperature decrease Height for 1°	Rainfall.		Hourly Intensity of Rain.	Mean direction of Clouds whence coming.			Number of Days with Clouds below.	
				Mean (39 years).	1891.		Lower.	Upper.	Cirrus.	2000 ft.	1000 ft.
	ins.	°	*feet.*	*ins.*	*ins.*	*ins.*					
January,	0.116	1.99	280	0.98	0.040	0.010	E 3° N	W 17° S	W	5	...
February,	.107	2.61	342	1.32	0.245	0.010	E 20° S	W 14° S	...	13	3
March,	.099	2.38	488	3.24	2.575	0.022	E 13° S	W 9° S	...	24	11
April,	.090	2.38	417	5.27	3.155	0.019	E 30° S	W 4° S	...	21	9
May,	.088	2.14	372	12.54	27.995	0.243	S 12° W	W 22° S	W 8° N	25	5
June,	.073	1.40	329	15.81	21.320	0.154	S 2° E	W 8° N	W 9° N	25	4
July,	.062	1.02	295	15.98	23.100	0.257	S 36° E	E 33° N	N 40° E	17	...
August,	.072	1.14	280	14.85	16.790	0.254	E 41° S	N 38° E	...	10	...
September,	.073	1.15	290	12.65	11.435	0.194	E 16° N	N 7° E	...	7	1
October,	.090	1.05	276	5.36	6.210	0.105	E 2° S	W 28° N	...	4	...
November,	.102	2.02	259	1.17	2.300	0.079	E 10° N	S 28° W	...	3	...
December,	.108	2.71	290	1.00	1.955	0.040	E 9° N	W 13° S	W 22° S	3	1
Mean,	0.090	1.83	326	90.17	117.120	0.116	E 26° S	...	...	157	34

Table XIII.

Monthly Extremes of the Principal Meteorological Elements registered at the Observatory during the year 1891.

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, ...	30.216	29.826	74.9	50.8	19	0.563	0.105	0.030	0.010	37	136.0
February, ...	30.375	29.707	79.0	44.8	27	0.683	0.125	0.130	0.100	36	136.0
March, ...	30.244	29.644	74.7	50.7	53	0.715	0.244	1.230	0.310	42	133.9
April, ...	30.153	29.627	80.9	56.0	47	0.831	0.259	0.880	0.325	36	136.0
May, ...	30.018	29.551	87.7	65.9	56	0.986	0.450	10.405	1.650	33	147.8
June, ...	29 791	29.412	90.3	72.8	49	1.019	0.593	5.510	1 775	39	157.3
July, ...	29.778	28.909	89.7	73.6	59	1.066	0.735	6.760	1.660	64	150.2
August, ...	29.817	29.200	92.9	72.8	46	1.060	0.646	3.785	1.575	61	163.3
September, ...	29.894	29.482	90.2	72.6	44	1.057	0.513	3.085	1.400	45	154.8
October, ...	30.094	29.716	89.1	68.4	56	0.953	0.515	1.350	0.645	33	149.9
November, ...	30.294	29.798	82.1	56.6	38	0.870	0.273	1.335	0.395	35	143.3
December, ...	30.352	29.850	81.9	49.2	23	0.701	0.103	0.925	0.420	63	140.4
Year, ...	30.375	28.909	92.9	44.8	19	1.066	0.103	10.405	1.775	64	163.3

Table XIV.

Monthly Extremes of the Principal Meteorological Elements registered at Victoria Peak during the year 1891.

Month.	Barometer.		Temperature.		Rain.	Wind Force.
	Max.	Min.	Max.	Min.	Daily Max.	Max.
January, ...	28.39	28.09	68	45	0.12	6
February, ...	28.52	28.00	70	39	0.18	5
March, ...	28.41	27.96	69	43	1.04	6
April, ...	28.33	27.97	75	51	1.32	6
May, ...	28.23	27.91	77	60	8.40	5
June, ...	28.09	27.75	82	69	7.48	5
July, ...	28.09	27.52	82	71	6.48	8
August, ...	28.12	27.52	83	68	2.26	8
September, ...	28.15	27.85	84	70	3.86	7
October, ...	28.31	28.04	79	65	2.25	6
November, ...	28.46	28.08	76	51	2.60	6
December, ...	28.50	28.10	70	45	1.30	7
Year, ...	28.52	27.52	84	39	8.40	8

Table XV.

Five-Day Means of the Principal Meteorological Elements observed in Hongkong in 1891.

Five-Day Periods.	Observatory.								Victoria Peak.			
	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Velocity.	Nebulosity.	Sunshine.	Rain.	Barometer.	Temperature.	Wind Force.	Rain.
January 1– 5	30.052	65.4	72	0.450	15.4	5.3	5.8	0.000	28.273	58.9	3.7	0.00
" 6–10	.028	61.8	69	.382	13.8	2.2	7.8	0.000	.260	55.4	3.5	0.00
" 11–15	.050	61.9	63	.363	12.6	4.8	5.3	0.006	.289	55.2	3.7	0.02
" 16–20	.061	60.1	69	.366	16.7	2.4	8.9	0.000	.278	54.0	3.8	0.00
" 21–25	.020	62.0	75	.418	18.7	5.0	7.4	0.000	.240	56.0	3.8	0.00
" 26–30	29.969	64.3	74	.445	18.6	7.2	4.9	0.002	.213	57.8	4.3	0.00
" 31– 4	.904	61.4	79	.434	18.4	8.4	3.0	0.017	.131	55.4	4.3	0.04
February 5– 9	30.036	55.0	82	.371	8.7	10.0	0.2	0.027	.249	50.8	3.8	0.03
" 10–14	.284	50.9	50	.184	11.2	7.2	3.2	0.000	.459	43.2	3.1	0.00
" 15–19	.138	57.3	71	.336	15.7	6.7	3.4	0.005	.347	51.4	3.6	0.00
" 20–24	29.994	63.8	84	.501	11.0	7.1	4.2	0.000	.248	59.8	3.1	0.00
" 25– 1	.859	67.2	89	.592	12.4	8.9	1.9	0.000	.122	64.2	4.1	0.00
March 2– 6	.988	63.4	90	.526	21.0	9.0	1.2	0.006	.215	61.0	3.6	0.03
" 7–11	.995	57.3	81	.382	14.8	9.8	0.1	0.135	.206	51.6	4.0	0.21
" 12–16	.933	59.5	84	.436	19.3	9.9	0.1	0.337	.158	53.3	4.9	0.44
" 17–21	.942	59.9	87	.457	18.0	9.9	0.1	0.008	.164	56.8	3.9	0.07
" 22–26	30.041	60.7	86	.456	8.3	8.2	2.7	0.004	.261	56.7	2.7	0.02
" 27–31	29.801	65.1	87	.538	14.7	8.5	2.4	0.025	.073	63.4	3.1	0.09
April 1– 5	.766	66.4	88	.565	18.2	10.0	0.1	0.372	.049	61.9	4.1	0.41
" 6–10	.962	62.8	73	.426	8.9	5.0	4.0	0.036	.197	57.9	3.7	0.00
" 11–15	.753	73.5	92	.757	10.0	9.9	1.2	0.036	.037	68.6	4.7	0.05
" 16–20	.945	63.2	89	.519	12.1	10.0	0.0	0.173	.163	58.9	3.7	0.28
" 21–25	.897	69.0	91	.648	16.5	9.0	2.3	0.006	.170	65.5	3.9	0.00
" 26–30	.892	70.2	89	.657	18.2	7.5	4.6	0.008	.164	66.9	3.6	0.00
May 1– 5	.851	71.8	83	.653	16.8	5.7	6.3	0.444	.117	67.1	3.7	0.53
" 6–10	.790	74.8	83	.721	9.3	4.3	8.1	0.000	.083	70.7	3.3	0.00
" 11–15	.666	76.1	87	.777	9.7	8.5	2.9	2.779	27.993	72.3	3.8	3.27
" 16–20	.718	74.1	88	.749	13.6	9.0	3.3	0.956	28.011	69.8	3.7	1.20
" 21–25	.718	78.9	86	.849	13.2	9.2	3.0	0.979	.024	73.1	4.7	1.20
" 26–30	.648	79.9	85	.866	16.8	8.1	3.8	0.438	27.974	73.5	4.3	0.82
" 31– 4	.696	81.2	85	.906	10.3	5.0	8.7	0.033	28.031	75.0	3.7	0.08
June 5– 9	.614	78.1	92	.888	10.9	9.3	0.6	1.223	27.956	74.6	3.5	1.53
" 10–14	.509	78.2	88	.851	14.4	8.6	2.2	0.656	.847	73.3	3.9	0.32
" 15–19	.572	78.9	78	.772	11.1	5.5	6.9	0.012	.899	74.1	4.1	0.02
" 20–24	.610	77.0	92	.853	5.9	9.6	0.4	2.336	.910	72.2	3.9	2.59
" 25–29	.679	82.1	83	.905	11.5	7.5	6.5	0.006	.991	74.9	4.3	0.05
" 30– 4	.572	80.7	86	.906	12.7	7.8	3.0	1.664	.892	74.9	4.4	1.99
July 5– 9	.523	81.4	86	.920	14.8	8.5	2.1	0.868	.841	74.0	5.1	0.94
" 10–14	.552	81.5	86	.928	18.5	7.1	5.5	0.464	.882	75.6	4.6	0.38
" 15–19	.459	81.1	85	.898	17.9	6.5	6.4	1.290	.808	75.0	4.6	1.15
" 20–24	.707	79.9	88	.895	11.1	5.7	7.9	0.309	28.022	74.5	3.6	0.13
" 25–29	.647	81.9	80	.869	6.0	1.9	11.6	0.003	27.981	77.3	2.7	0.00
" 30– 3	.461	82.2	77	.840	27.5	6.9	5.5	0.829	.768	75.0	5.9	0.66
August 4– 8	.668	79.4	87	.873	15.4	8.5	2.7	0.442	.977	73.3	4.5	0.81
" 9–13	.698	80.1	85	.871	12.6	6.9	6.1	0.760	28.009	73.4	4.2	0.37
" 14–18	.702	82.3	81	.894	11.6	6.1	8.8	0.724	.016	74.9	4.2	0.52
" 19–23	.659	82.2	82	.901	9.7	3.9	10.4	0.145	27.985	76.8	3.4	0.04
" 24–28	.596	82.3	80	.882	10.5	7.4	6.3	0.199	.937	76.3	3.9	0.10
" 29– 2	.595	81.2	86	.916	6.2	5.9	6.6	0.324	.922	76.5	3.3	0.45
September 3– 7	.621	81.0	83	.878	8.7	7.1	5.9	0.822	.935	75.1	3.9	1.14
" 8–12	.572	81.7	80	.859	16.9	6.4	5.8	0.300	.899	75.5	4.3	0.36
" 13–17	.722	81.5	76	.814	18.1	4.3	5.8	0.376	28.013	74.4	4.7	0.50
" 18–22	.761	80.4	73	.753	12.2	5.4	5.1	0.747	.054	73.6	3.9	0.19
" 23–27	.743	81.6	71	.770	7.3	2.2	9.1	0.000	.047	75.9	3.1	0.00
" 28– 2	.858	79.4	70	.702	9.1	5.4	6.2	0.020	.137	74.1	3.2	0.00
October 3– 7	.873	79.7	80	.814	11.6	3.6	8.4	0.291	.162	73.3	3.5	0.19
" 8–12	.861	80.7	80	.842	15.4	5.2	7.7	0.295	.145	74.3	4.3	0.40
" 13–17	.852	80.0	79	.808	12.5	2.8	9.6	0.111	.135	74.0	4.1	0.13
" 18–22	.823	79.8	77	.790	10.2	4.0	7.6	0.160	.117	73.5	4.1	0.50
" 23–27	.788	79.2	84	.838	17.4	3.8	4.6	0.266	.087	71.9	4.7	0.38
" 28– 1	.940	76.0	74	.676	7.2	5.0	5.3	0.099	.203	70.0	3.7	0.15
November 2– 6	.919	76.3	74	.670	13.4	3.9	7.9	0.001	.193	70.3	4.0	0.02
" 7–11	.917	71.4	71	.557	14.6	6.8	3.7	0.453	.169	65.5	4.6	0.52
" 12–16	.936	69.5	56	.406	14.8	5.4	6.9	0.000	.173	62.8	4.7	0.00
" 17–21	.886	68.5	68	.479	13.4	7.2	4.6	0.000	.137	61.6	4.2	0.00
" 22–26	30.104	66.4	65	.428	14.5	6.2	4.8	0.000	.317	59.5	4.4	0.00
" 27– 1	.123	65.2	63	.394	10.2	9.4	0.9	0.006	.340	57.2	4.3	0.03
December 2– 6	.106	62.3	62	.369	18.3	7.1	4.0	0.007	.309	55.9	4.9	0.05
" 7–11	.096	65.7	72	.459	11.4	8.8	3.0	0.000	.321	59.5	4.1	0.02
" 12–16	.070	65.3	69	.436	13.0	4.1	8.0	0.000	.293	60.4	3.4	0.00
" 17–21	.094	65.9	76	.486	12.4	6.7	4.8	0.000	.303	59.7	3.4	0.00
" 22–26	.235	58.6	52	.260	12.5	2.9	8.4	0.000	.408	52.6	4.0	0.00
" 27–31	.045	63.9	81	.482	11.0	7.6	1.9	0.384	.268	57.3	3.9	0.32

Table XVI.

Observations of Magnetic Declination and Dip.

1890.	H.K.M.T.	Declination East.	Observer.	H.K.M.T.	Dip North.	Observer.	Needle No.
January, ...	15d. 3h. 45m. p.	0° 39′ 58″	W.D.	14d. 3h. 5m. p.	32° 13′ 26″	W.D.	5
				17 3 34 p.	32 8 5	„	2
April, ...	18 3 0 p.	0 35 53	„	15 3 12 p.	32 8 38	„	2
				19 2 45 p.	32 10 0	„	1
1891.							
May, ...	20 3 33 p.	0 32 11	J.I.P.	15 3 34 p.	32 6 5	„	2
	20 3 33 p.	0 32 21	H.T.S.	15 3 34 p.	32 5 46	J.I.P.	1
June, ...	17 3 50 p.	0 32 28	J.I.P.	18 3 50 p.	32 6 11	„	2
				18 3 50 p.	32 1 16	„	1
				19 3 15 p.	31 57 46	„	5
				19 3 40 p.	32 0 42	H.T.S.	5
July, ...	16 3 25 p.	0 34 10	„	14 3 23 p.	32 3 58	J.I.P.	3
	16 3 57 p.	0 34 27	W.D.	„	32 3 55	„	4
August, ...	15 3 35 p.	0 33 28	J.I.P.	17 3 49 p.	32 9 57	„	3
				„	32 6 59	„	4
September, ...	16 3 5 p.	0 36 51	„	14 3 33 p.	32 1 17	„	3
				„	32 4 49	„	4
October, ...	16 2 55 p.	0 37 13	„	17 3 25 p.	32 1 38	„	3
				„	32 3 59	„	4
November, ...	19 2 22 p.	0 36 4	F.G.F.	18 3 52 p.	32 9 22	F.G.F.	3
				„	32 8 30	„	4
December, ...	17 3 10 p.	0 36 35	J.I.P.	15 3 40 p.	32 2 4	J.I.P.	4*
				17 4 6 p.	32 3 49	„	3*

* Observed in two azimuths differing 90°.

Table XVII.

Observations of Horizontal Magnetic Force.

Date.	H.K.M.T.	Time of one Vibration.	Temperature Cent.	Log m X	Value of m.	H.K.M.T.	Distance in Centimeters.	Temperature Cent.	Deflection.	Log $\frac{m}{X}$	Value of X.	Observer.
1890.												
January 16,...	2h. 27m. p.	3s.5601	18°.9	2.34775	615.44	3h. 3m p.	30 40	17°.65	7°14′35″ 3 2 22 .5	3.23063	0.36188	W.D.
April 16,...	3 34 p.	3 .5665	26 .8	2.34810	614.94	4 8 p.	30 40	25 .5	7 12 41 3 1 29	3.22957	0.36247	„
1891.												
May 19,...	2 49 p.	3 .5785	27 .9	2.34458	610.74	3 19 p.	30 40	26 .3	7 8 31 3 0 1 .5	3.22714	0.36201	H.T.S.
June 15,...	4 36 p.	3 .5825	28 .8	2.34352	607.60	4 5 p.	30 40	27 .9	7 8 5 2 59 15	3.22373	0.36298	J.I.P.
July 15,...	3 25 p.	3 .5831	29 .3	2.34362	608.01	4 5 p.	30 40	28 .9	7 6 6 2 58 50	3.22419	0.36284	„
August 13,...	2 44 p.	3 .5870	31 .7	2.34325	607.51	3 35 p.	30 40	30 .5	7 5 14 2 58 31	3.22386	0.36282	„
September 15,...	2 46 p.	3 .5875	30 .3	2.34292	606.93	3 42 p.	30 40	28 .4	7 5 17 2 58 31	3.22335	0.36289	„
October 14,...	2 47 p.	3 .5882	30 .1	2.34276	607.39	3 45 p.	30 40	28 .4	7 3 55 2 58 20	3.22415	0.36250	„
November 17,...	3 4 p.	3 .5842	22 .0	2.34227	606.89	3 37 p.	30 40	20 .4	7 6 23 2 59 9	3.22394	0.36238	F.G.F.
December 14....	2 35 p.	3 .5850	21 .8	2.34205	606.23	3 23 p.	30 40	21 .8	7 5 40 2 58 48	3.22323	0.36258	J.I.P.

Table XVIII.

Results of Magnetic Observations in 1890 and 1891.

Month.	Declination East.	Dip North.	Magnetic Force. British Units. X.	British Units. Y.	British Units. Total Force.	Metric Units. X.	Metric Units. Y.	Metric Units. Total Force.	C. G. S. Units. X.	C. G. S. Units. Y.	C. G. S. Units. Total Force.
1890.											
January,	0° 39′ 58″	32° 10′ 46″	7.8484	4.9384	9.2730	3.6188	2.2771	4.2756	0.36188	0.22771	0.42756
April,	35 53	9 19	7.8612	4.9419	9.2856	3.6247	2.2786	4.2814	0.36247	0.22786	0.42814
1891.											
May,	32 16	5 56	7.8514	4.9249	9.2680	3.6201	2.2708	4.2734	0.36201	0.22708	0.42734
June,	32 28	1 29	7.8724	4.9240	9.2856	3.6298	2.2704	4.2814	0.36298	0.22704	0.42814
July,	34 18	3 57	7.8694	4.9297	9.2860	3.6284	2.2730	4.2816	0.36284	0.22730	0.42816
August,	33 28	8 28	7.8688	4.9439	9.2930	3.6282	2.2796	4.2849	0.36282	0.22796	0.42849
September,	36 51	3 3	7.8705	4.9277	9.2858	3.6289	2.2721	4.2815	0.36289	0.22721	0.42815
October,	37 13	2 49	7.8620	4.9217	9.2754	3.6250	2.2693	4.2767	0.36250	0.22693	0.42767
November,	36 4	8 56	7.8594	4.9395	9.2828	3.6238	2.2776	4.2802	0.36238	0.22776	0.42802
December,	36 35	2 57	7.8638	4.9232	9.2777	3.6258	2.2700	4.2778	0.36258	0.22700	0.42778

Appendix A.

THE CLIMATE OF HONGKONG INVESTIGATED FROM FIVE YEARS' OBSERVATIONS.

The Colony of Hongkong is situated within the tropics, but the winter is cool, its mean temperature being about 60°, whereas the mean temperature of the summer rises a little above 80°. There is a large and well-marked variation of climate, but it is very hot in the sun all the year round. Palm trees, rice and sugar canes grow here. Pomelos, oranges and pine-apples are among the most extensively cultivated crops opposite on the mainland, but do not thrive in the Colony on account of unsuitability of soil. About forty species of palms from all parts of the world thrive in the Botanic Gardens, and from temperate regions many coniferous trees thrive side by side with tropical palms. The conifers are from Japan, Queensland, the Cape, and India (Himalaya). The Norfolk Island Pine is quite at home here. Banian trees are common, and bamboos attain to great size. Vines do not come to perfection as the winter temperature is not low enough to harden the wood.

In spring, between the two monsoons, bronchial catarrh and pneumonia are prevalent. Measles, mumps and simple continued fevers are very common.

In summer, the dampness of the air is excessive. Europeans suffer much from prickly heat and similar diseases, produced in consequence of the heat and dampness. The Chinese are also very subject to diseases of the skin, especially the different varieties of Tinea. Malarial fevers and diarrhœa are the worst hot weather diseases, the former chiefly of an intermittent type in summer. They are worst in August and September, when the Colony is under the influence of the high-pressure areas preceding and lying to the north of typhoons. In these areas the wind is light and the air descending, so that it is stifling, dusty, and probably full of bacteria. Want of sleep during such weather tends to produce anœmia from loss of appetite and thereby lays the foundation for many diseases such as diseases of the brain.

In autumn, the dampness of the air decreases, and the temperature falls often rather suddenly when the NE monsoon sets in. This causes affections of the chest and catarrhs, but Europeans enjoy almost an immunity from phthisis while to the Eurasians this is an ever present scourge. Malarial fevers assume more frequently the remittent and bilious remittent type. Beri-beri is frequent among the natives, but cholera is never more than a minor evil in Hongkong.

In winter, dysentery—the dreaded scourge of the Pacific—occurs. This is the worst disease of the Chinese coast, and often leads to abscess of the liver. Small-pox is endemic and occasionally epidemic. Typhoid fever is very rare, but typho-malarial fevers are more common during the end of the winter and also in spring along the southern coast of China and Annam.

The most unhealthy places are situated in ravines between the hills, near marshy land or paddy fields. In such places malaria is deadly. Between one and two thousand feet up on the hills the air is pure and fever less common and of a milder type, which is as a rule easily cured by quinine. It is more agreeable to live in the upper regions although the air is frequently saturated with moisture.

Table I. exhibits the mean height of the barometer reduced to freezing temperature of water, but not to sea level, with its annual and daily variation. For January-March inclusive, the diurnal variation is obtained from the last 4 years' (1885-1888 inclusive) observations only, but the annual means depend upon 5 years' observations as the monthly means for January-March, 1884, were obtained from readings made at 10a. and 4p. The entries for March and April at the Peak are the means of 4 years only. The data are of great practical importance as the diurnal variation although lessened in damp weather is not much influenced by storms. During the approach of a typhoon it is necessary to correct the readings for daily variation in order to know how much the mercury is falling.

Table II. exhibits the mean temperature. The means for 1884 were obtained from thermometers in Stevenson's screen, the readings being reduced to true air temperature. The hourly variation of temperature depends upon 4 years' observations only. The highest temperature occurs about 2p., and the lowest between 6a. and 7a., in winter and about 5a. in summer.

Tables III. and IV. exhibit the mean humidity and its variations. The latter depend upon 4 years only as far as the three first months are concerned. The relative values vary inversely to the temperature while the actual amount of vapour is greatest a few hours after sunset, and least shortly after sunrise. In winter, there is nearly as much vapour at the Peak as at the Observatory, but in summer there is less.

Table V. exhibits the average amount of bright sunshine. It is great in November, and small in February. The daily maximum occurs about noon, and there is more sunshine in the afternoon, than in the forenoon. The entries for January and February are the means of 4 years only. The percentages are the means of the 4 last years only.

Table VI. exhibits the mean rain-fall. The hourly values for January and February are the means of 4 years only. It shows also the hourly intensity, which is greatest about noon, and least about midnight, while the rainfall itself is a maximum shortly after sunrise and a minimum about sunset. Most rain falls in June and least in November. The proportion of rain at the Peak to that at the Observatory is as follows :—January, 1.687, February, 1.322, March, 0.998, April, 1.135, May, 1.125, June, 1.174, July, 1.161, August, 1.192, September, 0.843, October, 0.920, November, 1.507, December, 1.244, Year, 1.141. There falls on an average $\frac{1}{7}$ more rain on top of the Peak, but in September and October, while the rain is chiefly collected during typhoons, there appears to fall less on top of the Peak.

Table VII. exhibits the number of hours during portion of which rain was registered. This was six or seven times larger in July than in November. Rain falls more frequently at sunrise than at sunset particularly in summer. The values for the two first months are means of 4 years only.

Table VIII. exhibits the mean wind-velocity. This is greatest in spring when the trade-wind and the easterly monsoon co-operate, and least in August when the southerly monsoon is blowing. At the Peak the wind blows nearly as strong during summer as during winter. The wind is strongest about 1 p.m., and least shortly after sunset. This causes during the hottest months of the year a secondary maximum of temperature shortly after sunset, which is particularly well marked during cloudy weather. In winter, at times when the North-east trade-wind blows strongly, its force is often greatest at night, or during the early morning hours. The diurnal variation for January and February is the mean of four years only.

Table IX. exhibits the mean wind direction. This veers from ENE in November to S in August and veers daily from the hour of minimum till the hour of maximum temperature. The daily variation is greatest in summer when the wind is light. The diurnal variation for January and February is the mean of four years only.

Table X. exhibits the four yearly means (1885-1888 inclusive) of total annual amount, duration and velocity of winds from different quarters. Three quarters of it comes from E and NE.

Table XI. shows that fogs are common in March and occur also during typhoons in August and September. Electric phenomena prevail in August. Unusual visibility of distant objects prevails when the air is frequently cleared from dust by heavy rain in July. Dew is common in August, when also halos and coronas are most frequent. Rainbows are comparatively rare in hot countries, where the rain is so heavy and the sun usually too high in the sky.

Table XII. shows cumulus to be the common cloud in China. Cirrus is most frequent during typhoons and Cumulo-stratus during the hottest part of the year.

Table XIII. shows the amount of clouds. That is greatest in March and least in December. On an average there are more clouds at sunrise than about midnight. But looking at the different seasons, it is seen that in summer the amount is greatest in the afternoon and least about midnight, while in winter the amount is greatest during the early morning hours and least in the afternoon.

Table XIV. exhibits monthly extremes registered at the Observatory. The extreme temperatures are derived from 4 years only (1885-1888). The wind velocity in January and February is derived from the same 4 years. The minimum temperature on grass for July and August is derived from four years (1884-1887) only, and also the solar radiation (1885-1888). The range of vapour tension is seen to be enormous. The daily maximum of rain was exceeded in 1889 when there fell 27.080 inches of rain between 7.30 a. on the 29th May and the same time on the 30th.

Table XV. exhibits the same data for the Peak. The solar and terrestrial radiation extremes are derived from 4 years only (1885-1888). It will be remarked that the minimum thermometer exposed an inch above the grass registered below freezing point. That never occurs at sea-level in Hongkong, but a little farther inland, as at Canton, frost is not unknown.

Table XVI. exhibits various data. The barometric tide is large in winter (when the air is dry) and small in summer (when it is damp). The mean diurnal variability of temperature—the mean of the differences of temperature of each day and the next—is greatest in winter. This as well as the mean maxima and minima temperatures at the Observatory are the means of four years only (1885-1888). The number of days on which at least 0.01 inch of rain fell at the Observatory was a minimum in November and a maximum in June and July. The hourly intensity of rain is greatest in July, and least in February. The directions whence clouds in different levels come together with the wind directions given in Table IX. prove the direction of the wind to veer on ascending in the atmosphere. The height of the lower clouds is least in April and greatest in November.

Table XVII. exhibits the average results of the radiation thermometers and the diurnal range of temperature. The rate at which the temperature falls on ascending in the atmosphere is least in March, when the relative humidity is great and the clouds are low, and greatest in June. The solar radiation at the Observatory is the mean of 4 years (1885-1888) and also for January at the Peak. The diurnal range of temperature at the Observatory is the mean of the same four years.

Table I.

Five yearly-means of Barometric Pressure at the Observatory and at the Peak for each month in the Year, and Mean Diurnal Variation 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.	Mean. Observatory.	Mean. Peak.
January,	+.008	—.001	—.009	—.014	—.013	—.002	+.014	+.034	+.050	+.055	+.041	+.014	—.018	—.040	—.050	—.048	—.039	—.027	—.013	+.003	+.012	+.017	+.018	+.014	30.053	28.262
February,	+.011	+.001	—.008	—.013	—.010	+.003	+.021	+.037	+.051	+.055	+.044	+.021	—.008	—.034	—.050	—.053	—.045	—.037	—.024	—.005	+.005	+.013	+.015	+.011	.042	.232
March,	+.006	—.006	—.020	—.026	—.021	—.003	+.015	+.036	+.047	+.051	+.044	+.024	—.004	—.027	—.043	—.047	—.044	—.034	—.021	—.002	+.014	+.021	+.022	+.017	29.947	.187
April,	+.004	—.011	—.023	—.025	—.018	—.003	+.014	+.032	+.045	+.047	+.040	+.025	+.001	—.020	—.036	—.045	—.046	—.035	—.021	—.003	+.014	+.025	+.024	+.015	.844	.105
May,	+.001	—.011	—.019	—.019	—.013	.000	+.016	+.030	+.038	+.041	+.036	+.025	+.005	—.013	—.029	—.041	—.042	—.034	—.023	—.005	+.008	+.020	+.020	+.010	.765	.055
June,	+.002	—.008	—.013	—.015	—.011	+.001	+.013	+.023	+.029	+.031	+.028	+.018	+.003	—.013	—.026	—.037	—.039	—.032	—.020	—.003	+.009	+.023	+.023	+.013	.648	27.960
July,	+.004	—.006	—.013	—.015	—.013	—.002	+.008	+.017	+.025	+.027	+.024	+.014	+.001	—.013	—.027	—.036	—.037	—.031	—.017	+.001	+.017	+.029	+.028	+.019	.611	.928
August,	+.004	—.007	—.015	—.016	—.012	—.003	+.009	+.021	+.030	+.032	+.027	+.016	—.001	—.017	—.030	—.039	—.039	—.032	—.019	.000	+.017	+.029	+.028	+.019	.637	.953
September,	.000	—.010	—.017	—.018	—.012	—.002	+.013	+.029	+.036	+.039	+.032	+.016	—.007	—.025	—.037	—.040	—.038	—.028	—.016	+.003	+.020	+.026	+.023	+.015	.722	28.025
October,	—.001	—.011	—.019	—.021	—.015	+.001	+.018	+.034	+.045	+.045	+.033	+.012	—.012	—.032	—.042	—.042	—.036	—.027	—.012	+.008	+.019	+.022	+.019	+.013	.903	.178
November,	+.001	—.008	—.014	—.015	—.010	+.006	+.024	+.039	+.051	+.049	+.032	+.007	—.024	—.044	—.051	—.050	—.039	—.026	—.009	+.009	+.018	+.022	+.020	+.014	30.012	.254
December,	+.009	.000	—.008	—.011	—.008	+.003	+.020	+.038	+.053	+.053	+.038	+.008	—.026	—.045	—.054	—.052	—.041	—.028	—.012	+.004	+.014	+.019	+.017	+.012	.063	.277
Means	+.004	—.007	—.015	—.017	—.013	.000	+.015	+.031	+.042	+.044	+.035	+.017	—.007	—.027	—.040	—.044	—.040	—.031	—.017	+.001	+.014	+.022	+.021	+.014	29.854	28.118

Table II.

Five yearly-means of Temperature at the Observatory and at the Peak for each month in the year and Four yearly-means of Mean Diurnal Variation 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.	Mean. Observatory.	Mean. Peak.
January,	−1.1	−1.3	−1.6	−1.7	−1.9	−1.9	−1.9	−1.2	−0.1	+1.0	+1.7	+2.3	+2.7	+2.8	+2.5	+1.9	+1.1	+0.1	−0.2	−0.3	−0.4	−0.6	−0.8	−1.1	59.7	54.1
February,	−1.1	−1.2	−1.4	−1.5	−1.6	−1.6	−1.6	−1.0	−0.2	+0.6	+1.2	+1.7	+2.0	+2.0	+1.9	+1.5	+0.9	+0.4	+0.1	−0.0	−0.1	−0.1	−0.4	−0.5	55.3	49.9
March,	−1.2	−1.5	−1.5	−1.8	−1.9	−2.0	−1.8	−1.0	0.0	+1.0	+1.6	+2.2	+2.6	+2.5	+2.3	+1.8	+1.2	+0.2	−0.3	−0.4	−0.4	−0.4	−0.6	−0.8	62.0	58.4
April,	−1.4	−1.5	−1.7	−1.8	−1.9	−1.9	−1.4	−0.6	+0.4	+1.2	+1.9	+2.3	+2.5	+2.5	+2.4	+1.8	+1.1	+0.1	−0.2	−0.5	−0.6	−0.7	−0.9	−1.0	69.6	65.3
May,	−1.4	−1.5	−1.7	−1.8	−1.9	−1.7	−1.0	−0.2	+0.7	+1.4	+1.8	+2.2	+2.5	+2.2	+2.1	+1.7	+1.0	+0.2	−0.3	−0.5	−0.7	−0.8	−1.0	−1.0	75.9	70.2
June,	−1.3	−1.4	−1.4	−1.6	−1.8	−1.5	−0.8	+0.1	+0.7	+1.3	+1.6	+2.0	+2.4	+2.3	+2.1	+1.5	+0.9	+0.2	−0.4	−0.7	−0.8	−0.9	−1.1	−1.2	80.2	73.6
July,	−1.5	−1.7	−1.9	−1.9	−2.0	−1.9	−1.0	−0.1	+0.5	+1.2	+2.0	+2.3	+2.6	+2.5	+2.5	+1.9	+1.3	+0.5	−0.3	−0.6	−0.9	−1.0	−1.2	−1.4	81.5	75.3
August,	−1.6	−1.7	−1.8	−2.0	−2.0	−2.1	−1.2	−0.2	+0.7	+1.5	+2.1	+2.5	+2.6	+2.7	+2.6	+2.2	+1.4	+0.4	−0.3	−0.6	−0.9	−1.1	−1.3	−1.5	80.9	75.0
September,	−1.6	−1.8	−1.9	−1.9	−2.1	−2.1	−1.4	−0.2	+0.8	+1.8	+2.3	+2.6	+2.9	+2.7	+2.5	+1.9	+1.1	+0.1	−0.3	−0.6	−0.9	−1.1	−1.3	−1.5	80.3	74.3
October,	−1.2	−1.4	−1.6	−1.8	−2.1	−2.1	−1.6	−0.3	+0.6	+1.4	+2.0	+2.3	+2.5	+2.5	+2.1	+1.6	+0.9	+0.1	−0.1	−0.4	−0.6	−0.8	−1.0	−1.2	76.0	69.8
November,	−1.4	−1.6	−1.8	−2.1	−2.3	−2.5	−2.3	−0.9	+0.5	+1.5	+2.3	+2.9	+3.1	+3.1	+2.7	+1.9	+1.0	+0.2	−0.1	−0.3	−0.6	−0.8	−1.1	−1.3	68.9	62.6
December,	−1.3	−1.5	−1.7	−1.9	−2.2	−2.4	−2.4	−1.2	+0.2	+1.4	+2.2	+2.8	+3.0	+2.9	+2.6	+1.9	+1.0	+0.3	+0.1	−0.2	−0.4	−0.6	−0.9	−1.2	62.4	56.2
Means,	−1.3	−1.5	−1.7	−1.8	−2.0	−2.0	−1.5	−0.6	+0.4	+1.3	+1.9	+2.3	+2.6	+2.6	+2.4	+1.8	+1.1	+0.2	−0.2	−0.4	−0.6	−0.7	−1.0	−1.1	71.1	65.4

Table III.

Five Yearly-Means of Humidity at the Observatory and at the Peak for each Month in the Year, and Mean Diurnal Variation 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.	Mean. Observ-atory.	Mean. Peak.
January,	+4	+3	+4	+4	+4	+4	+4	+2	−1	−5	−6	−7	−7	−7	−7	−5	−2	+1	+2	+3	+4	+4	+4	+5	74	86
February,	+3	+2	+3	+2	+3	+2	+3	+1	−1	−3	−4	−5	−5	−5	−5	−3	−2	0	+1	+1	+2	+2	+2	+3	78	90
March,	+2	+3	+3	+3	+3	+3	+3	+2	−1	−4	−5	−5	−7	−6	−6	−4	−3	0	+1	+2	+3	+3	+3	+3	85	90
April,	+4	+5	+4	+5	+4	+4	+2	+1	−2	−4	−5	−7	−7	−7	−7	−4	−2	0	+1	+2	+3	+3	+4	+4	86	93
May,	+4	+4	+5	+4	+4	+4	+3	0	−2	−5	−6	−7	−7	−7	−6	−5	−3	0	+2	+3	+3	+4	+4	+4	84	94
June,	+4	+4	+4	+5	+5	+4	+3	0	−2	−4	−5	−6	−8	−7	−7	−6	−4	−2	+1	+2	+2	+3	+3	+4	83	95
July,	+4	+4	+5	+5	+5	+5	+3	+1	−1	−4	−5	−6	−7	−7	−7	−6	−4	−2	0	+2	+3	+3	+4	+4	83	93
August,	+5	+5	+6	+6	+6	+6	+4	+2	−2	−4	−6	−7	−8	−8	−8	−7	−5	−3	0	+2	+3	+4	+4	+5	83	93
September,	+6	+5	+5	+5	+5	+5	+3	−1	−4	−6	−7	−8	−8	−8	−7	−6	−3	0	+1	+3	+4	+4	+5	+5	76	88
October,	+5	+4	+5	+4	+4	+4	+3	−1	−3	−6	−7	−8	−8	−7	−6	−4	−3	0	+2	+2	+3	+4	+4	+4	70	84
November,	+6	+5	+4	+4	+3	+3	+2	−1	−4	−7	−7	−8	−8	−8	−6	−5	−3	0	+2	+3	+4	+5	+6	+6	64	77
December,	+6	+6	+5	+5	+3	+3	+2	−1	−4	−7	−7	−9	−9	−9	−7	−5	−2	0	+2	+3	+4	+6	+6	+7	64	77
Means,	+4	+4	+4	+4	+4	+4	+3	0	−2	−5	−6	−7	−7	−7	−7	−5	−3	−1	+1	+2	+3	+4	+4	+4	78	88

Table IV.

Five-yearly means of Tension of Aqueous Vapour at the Observatory and at the Peak for each month in the year, and Mean Diurnal Variation 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.	Mean. Observ-atory.	Mean. Peak.
January,	+.008	+.003	−.001	−.004	−.005	−.008	−.007	−.007	−.008	−.012	−.009	−.005	−.004	−.004	−.003	−.001	+.003	+.004	+.009	+.009	+.012	+.013	+.012	+.010	0.391	0.371
February,	+.001	−.002	−.005	−.006	−.009	−.010	−.007	−.008	−.007	−.004	−.001	−.002	+.002	+.001	+.002	+.004	+.005	+.005	+.006	+.006	+.009	+.008	+.006	+.007	.350	.333
March,	−.004	−.006	−.009	−.011	−.014	−.013	−.011	−.006	−.005	−.004	+.001	+.003	+.004	+.005	+.004	+.006	+.006	+.003	+.004	+.005	+.010	+.011	+.008	+.006	.481	.461
April,	.000	−.001	−.005	−.008	−.010	−.013	−.010	−.008	−.005	−.003	−.001	.000	+.005	+.007	+.005	+.007	+.006	+.004	+.004	+.006	+.005	+.006	+.007	+.004	.635	.594
May,	−.003	−.005	−.007	−.009	−.009	−.007	−.004	−.007	−.003	−.005	−.001	+.001	+.003	−.003	+.003	+.004	+.006	+.004	+.006	+.009	+.009	+.007	+.006	+.006	.765	.705
June,	+.001	+.001	−.001	−.001	−.001	−.002	+.004	+.002	+.002	+.002	+.002	+.001	−.002	−.001	−.001	−.008	−.008	−.005	−.001	+.002	+.004	+.005	+.005	+.005	.861	.794
July,	+.003	−.001	−.004	−.005	−.005	−.004	+.006	+.005	+.003	−.001	+.001	−.002	+.005	+.003	+.002	−.003	−.006	−.002	−.001	.000	+.002	+.002	+.001	+.002	.890	.822
August,	−.001	−.004	−.001	−.004	−.005	−.004	+.007	+.005	+.002	−.004	−.002	+.001	+.002	+.001	−.002	−.001	−.002	−.003	−.004	+.004	+.006	+.005	.000	+.001	.874	.811
September,	+.013	+.008	+.003	−.002	−.005	−.008	−.006	−.012	−.019	−.024	−.023	−.018	−.010	−.008	−.005	−.003	+.003	+.007	+.013	+.020	+.021	+.021	+.020	+.012	.793	.750
October,	+.017	+.010	+.006	+.001	−.007	−.013	−.010	−.011	−.017	−.023	−.022	−.019	−.010	−.004	.000	.000	+.002	+.007	+.013	+.016	+.020	+.019	+.016	+.012	.639	.622
November,	+.021	+.013	+.006	−.003	−.012	−.019	−.022	−.022	−.023	−.025	−.018	−.016	−.010	−.009	−.003	.000	.000	+.005	+.017	+.020	+.024	+.028	+.028	+.023	.462	.458
December,	+.017	+.011	+.004	.000	−.009	−.014	−.019	−.019	−.022	−.023	−.013	−.016	−.012	−.009	−.005	+.002	+.008	+.006	+.014	+.016	+.019	+.021	+.021	+.020	.370	.360
Means,	+.006	+.002	−.001	−.004	−.008	−.010	−.007	−.007	−.008	−.010	−.007	−.006	−.002	−.002	.000	+.001	+.002	+.003	+.007	+.009	+.012	+.012	+.011	+.009	0.626	0.590

Table V.

Five-yearly Means of Total Hourly Duration of Sunshine for each Month in the year and Mean Monthly Duration of Sunshine.

Month.	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.	Mean Record.	Total Possible.	Percentage of Possible.
January,	...	2.1	9.9	12.7	13.7	13.6	14.4	15.7	15.3	15.3	14.1	4.4	...	131.2	311	42.2
February,	...	1.7	5.4	6.1	6.7	7.3	7.2	6.9	7.3	6.5	5.4	2.7	...	63.2	297	21.3
March,	...	1.5	5.1	6.2	7.6	9.4	9.5	10.0	10.5	10.1	8.9	3.6	...	82.4	344	24.0
April,	0.1	4.2	7.5	9.9	11.8	12.1	12.8	13.2	13.2	12.8	10.9	6.3	0.5	115.3	353	32.7
May,	1.1	6.8	9.6	10.9	12.9	13.9	14.5	14.8	14.4	13.8	12.2	10.2	2.9	138.1	380	36.3
June,	2.1	9.3	12.1	14.4	14.1	14.9	14.1	15.1	16.0	15.0	13.0	11.4	3.6	155.1	376	41.3
July,	3.7	14.1	16.6	17.2	18.9	19.8	17.7	17.7	18.2	17.8	15.4	13.0	4.1	194.2	384	50.6
August,	2.3	14.3	17.6	19.3	18.9	18.6	17.7	18.8	19.6	17.8	17.5	13.9	3.7	200.0	370	54.1
September,	0.3	13.0	17.9	21.4	22.7	22.1	21.4	21.2	20.0	19.6	18.4	13.7	0.5	212.2	340	62.4
October,	...	11.8	20.8	22.7	24.2	24.1	23.3	23.7	23.4	22.6	20.7	14.1	...	231.3	331	69.9
November,	...	8.2	19.0	21.8	23.1	23.7	23.4	23.3	22.5	21.1	20.2	8.7	...	214.9	306	70.2
December,	...	5.1	19.6	20.9	22.4	22.6	23.1	23.6	23.0	21.7	20.4	6.2	...	208.7	307	68.0
Sums,	9.6	92.1	161.1	183.5	197.0	202.1	199.1	204.0	203.4	194.1	177.1	108.2	15.3	1946.6	4099	47.5

Table VI.

Five yearly-means of Total Hourly Rainfall for each Month in the Year and Mean Monthly Rainfall.

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.	Observatory.	Peak.	Proportion.
January, ...	0.118	0.091	0.032	0.115	0.076	0.092	0.182	0.175	0.145	0.155	0.094	0.062	0.065	0.072	0.122	0.086	0.171	0.130	0.077	0.052	0.094	0.170	0.331	0.164	2.30	3.88	1.69
February, ...	0.192	0.261	0.167	0.126	0.175	0.087	0.120	0.102	0.160	0.069	0.042	0.096	0 069	0.074	0.069	0.078	0.065	0.026	0.077	0.035	0.090	0.082	0.149	0.110	2.70	3.57	1.32
March, ...	0.139	0.174	0.438	0.172	0.264	0.374	0.166	0.080	0.136	0.062	0.170	0.233	0.135	0.072	0.246	0.096	0.289	0.209	0.039	0.378	0.402	0.098	0.298	0.184	4.85	4.84	1.00
April, ...	0.232	0.315	0.670	0.366	0.366	0.326	0.269	0.349	0.520	0.263	0.936	0.600	0.548	0.328	0.151	0.127	0.196	0.166	0.087	0.088	0.217	0.173	0.163	0.228	7.68	8.72	1.14
May, ...	0.268	0.395	0.070	0.107	0.222	0.357	0.345	0.145	0.227	0.315	0.224	0.598	0.764	0.712	0.426	0.338	0.373	0.402	0.236	0.148	0.138	0.374	0.082	0.183	7.45	8.38	1.13
June, ...	0.327	0.466	0.538	0.628	1.077	0.981	1.085	1.442	1.241	0.940	0.743	0.582	0.643	0.481	0.619	0.503	0.434	0.667	0.627	0.704	0.496	0.655	0.434	0.159	16.47	19.34	1.17
July, ...	0·467	0.593	0.630	0.592	0.953	0.685	0.642	1.061	1.555	0.931	0.422	0.388	0.492	0.584	0.983	0.827	0.738	0.393	0.302	0.378	0.478	0.391	0.416	0.595	15.50	18.00	1.16
August, ...	0.853	1.150	0.744	0.852	0.745	0.873	0.819	0.967	0.976	0.957	0.874	0.542	0.943	0.163	0.210	0.272	0.182	0.473	0.415	0.192	0.612	0.224	0.228	0.579	14.85	17.70	1.19
September, ...	0.404	0.521	0.416	0.566	0.534	0.296	0.154	0.238	0.234	0.073	0.134	0.207	0.089	0.477	0.321	0.538	0.300	0.351	0.348	0.321	0.414	0.284	0.285	0.211	7.72	6.51	0.84
October, ...	0.077	0.075	0.039	0.089	0.099	0.071	0.063	0.289	0.289	0.132	0.326	0.174	0.151	0.077	0.126	0.148	0.064	0.063	0.039	0.284	0.219	0.025	0.036	0.036	2.99	2.75	0.92
November, ...	0.015	0.085	0.028	0.043	0.031	0.021	0.026	0.023	0.115	0.064	0.069	0.034	0.053	0.020	0.006	0.018	0.008	0.000	0.000	0.020	0.034	0.017	0.013	0.030	0.77	1.16	1.51
December, ...	0.032	0.033	0.046	0.045	0.042	0.082	0.155	0.053	0.038	0.016	0.010	0.021	0.046	0.120	0.117	0.032	0.088	0.070	0.105	0.059	0.146	0.123	0.070	0.045	1.60	1.99	1.24
Means, ...	0.260	0.347	0.318	0.308	0.382	0.354	0.335	0.410	0.470	0.331	0.337	0.295	0.333	0.265	0.283	0.255	0.242	0.246	0.196	0.222	0.278	0.218	0.209	0.210	84.88	96.84	1.14
Intensity, ...	0.087	0.110	0.100	0.086	0.100	0.089	0.098	0.114	0.138	0.099	0.156	0.118	0.138	0.127	0.106	0.093	0.108	0.114	0.090	0.099	0.108	0.087	0.081	0.074	0.103	...	...

Table VII.

Five yearly-means of Number of Hours, during portion of which it rained, for each month in the year.

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	2	1	2	1	2	2	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	2	43
February, ...	4	4	4	4	4	3	3	4	3	3	1	2	3	2	4	4	2	2	2	2	3	3	3	5	73
March, ...	4	4	3	3	4	5	4	3	3	4	1	1	1	1	2	3	3	3	2	2	2	2	3	3	67
April, ...	4	3	3	4	3	4	4	4	4	4	3	4	3	2	4	4	3	2	3	3	2	3	3	3	80
May, ...	4	3	3	4	3	4	3	3	3	4	2	2	3	2	3	3	3	4	3	3	4	3	2	3	73
June, ...	5	5	7	7	8	6	7	6	7	7	4	4	4	4	5	5	4	4	3	3	4	4	4	4	120
July, ...	4	6	6	5	8	8	6	8	8	6	4	5	5	4	5	5	4	3	4	4	5	4	4	4	128
August, ...	3	3	4	5	6	6	5	6	5	5	5	5	4	3	2	3	3	2	3	3	4	3	3	4	96
September, ...	3	5	4	5	4	4	3	2	2	2	2	3	2	3	3	2	1	2	2	2	3	3	3	2	68
October, ...	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	28
November, ...	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	...	...	...	...	...	...	1	1	1	20
December, ...	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	29
Total, ...	36	38	38	43	46	48	41	43	41	40	26	30	29	25	32	33	27	26	26	27	31	30	31	34	825

Table VIII.

Five-yearly means of Hourly Velocity of the Wind at the Observatory and at the Peak for each month in the year, and Mean Diurnal Variation 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.	Mean. Observatory.	Mean. Peak.
January,	−0.2	0.0	−0.3	−0.5	−0.7	−0.5	−0.6	−0.5	+0.2	+0.6	+1.4	+1.6	+1.8	+1.9	+2.1	+1.7	+0.6	−1.0	−1.8	−1.8	−1.5	−1.1	−0.9	−0.4	15.5	25
February,	+0.1	0.0	−0.2	−0.2	+0.1	+0.2	−0.6	−0.8	+0.2	+1.0	+1.6	+1.0	+1.2	+1.4	+1.0	+0.2	−0.6	−1.1	−1.6	−1.4	−0.9	−0.5	−0.4	−0.1	16.3	25
March,	−0.3	−0.2	+0.3	+0.6	+0.9	+0.8	+0.9	+0.7	+0.5	+0.7	+1.3	+0.9	+1.3	+1.1	+0.7	+0.1	−0.5	−1.0	−1.2	−1.5	−2.0	−1.9	−1.7	−1.1	16.7	24
April,	−1.3	−1.3	−1.3	−1.6	−1.6	−0.8	−0.6	0.0	+0.7	+1.5	+2.2	+2.2	+1.8	+1.8	+1.4	+1.2	+1.1	+0.5	−0.9	−1.1	−0.9	−0.9	−1.1	−1.3	15.1	25
May,	−1.2	−1.6	−1.4	−1.3	−1.3	−1.2	−0.8	−0.2	+0.7	+1.7	+2.3	+2.8	+2.9	+2.8	+1.9	+1.3	+0.8	−0.2	−1.1	−1.2	−1.0	−0.8	−1.5	−1.6	13.5	24
June,	−1.7	−1.2	−0.9	−1.4	−1.5	−1.6	−1.4	−0.2	+0.5	+1.9	+2.7	+3.3	+3.3	+3.0	+2.6	+1.8	+0.9	−0.2	−1.1	−2.2	−2.0	−1.8	−1.6	−1.6	13.5	26
July,	−1.4	−1.5	−1.8	−1.5	−1.2	−1.3	−1.5	−0.9	+0.1	+1.0	+2.2	+2.2	+2.6	+2.6	+2.7	+2.0	+1.6	+0.4	−0.4	−0.7	−1.0	−1.2	−1.4	−1.6	11.8	24
August,	−1.5	−1.6	−1.4	−1.6	−2.0	−2.2	−2.3	−1.2	+0.3	+1.3	+2.4	+2.9	+3.8	+4.0	+3.5	+2.9	+2.3	+0.8	−1.0	−1.9	−1.7	−2.2	−2.0	−1.9	9.5	23
September,	−2.0	−1.7	−1.6	−1.5	−1.6	−2.1	−2.0	−0.8	+0.6	+1.8	+3.0	+3.0	+3.3	+3.3	+2.9	+2.4	+1.2	+0.2	−0.9	−1.5	−1.7	−1.5	−1.4	−1.3	12.1	23
October,	−0.4	−0.4	−0.2	−0.7	−1.1	−1.1	−1.0	+0.4	+1.4	+2.4	+2.9	+2.5	+2.4	+2.1	+1.8	+0.9	−0.5	−2.0	−2.4	−2.3	−2.0	−0.9	−1.0	−0.8	14.4	24
November,	−0.7	−0.7	−1.1	−0.8	−0.3	−0.4	−1.1	−0.6	+0.6	+1.9	+2.0	+2.1	+1.9	+1.9	+2.2	+1.3	+0.2	−1.2	−1.7	−1.6	−1.6	−1.3	−0.8	−0.8	13.5	23
December,	−0.8	−0.8	−0.6	−0.5	−0.5	−0.9	−1.4	−1.1	+0.3	+1.5	+1.8	+2.2	+2.2	+2.3	+2.2	+2.0	+0.7	−0.7	−1.4	−1.7	−1.5	−1.4	−0.9	−0.9	13.0	24
Means,	−0.9	−0.9	−0.9	−0.9	−0.9	−0.9	−1.0	−0.4	+0.5	+1.4	+2.1	+2.2	+2.4	+2.3	+2.1	+1.5	+0.7	−0.5	−1.3	−1.6	−1.5	−1.3	−1.2	−1.1	13.7	24

Table IX.

Five-yearly means of Direction of Wind at the Observatory and at the Peak for each month in the year, and Mean Diurnal Variation 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.	Mean. Observatory.	Mean. Peak.
January,	0°	−2°	−3°	−2°	−1°	−3°	−3°	−1°	−1°	+2°	+2°	+6°	+5°	+7°	+7°	+6°	+1°	−1°	−3°	0°	−2°	−4°	−4°	−2°	E 10° N	E 9° N
February,	−5	−6	−4	−4	−5	−4	0	−1	−2	+2	+3	+6	+6	+8	+4	+2	+1	+2	+2	0	0	−1	−2	−4	E 15° N	E 15° N
March,	+1	0	+1	+1	+1	−1	0	0	+1	0	+1	+2	+1	+1	+1	−1	0	−2	−3	−3	−2	0	0	0	E 4° N	E 21° S
April,	−6	−3	−6	−6	−6	−6	−6	−3	+1	+2	+3	+3	+5	+7	+9	+11	+6	+5	+2	−1	0	−1	−3	−4	E 2° S	E 40° S
May,	−4	−5	−5	−3	−3	−7	−6	−5	−4	−1	+3	+7	+10	+8	+10	+11	+8	+3	−1	−2	−3	−6	−5	−2	E 15° S	E 51° S
June,	−10	0	+3	+5	+6	+3	0	+4	+2	+6	+7	+13	+12	+8	+5	+7	+2	−3	−8	−12	−15	−12	−12	−11	E 52° S	E 70° S
July,	0	+5	+5	+5	+3	−2	−8	−9	−6	−2	+3	+4	+5	+9	+4	+5	+4	+2	+2	0	−5	−7	−6	−4	E 41° S	E 83° S
August,	−11	−2	+1	+4	+13	+19	+14	+16	+16	+26	+28	+24	+13	+9	+2	+5	−1	−10	−13	−28	−32	−33	−27	−25	E 85° S	S 3° W
September,	−6	+1	−11	−14	−14	−15	−24	−21	−13	−10	+2	+8	+12	+14	+12	+14	+15	+15	+11	+10	+10	+6	0	−3	E 13° N	E
October,	−5	−10	−12	−15	−15	−17	−16	−11	−7	+2	+7	+9	+12	+14	+14	+13	+13	+12	+8	+3	+1	0	0	−2	E 15° N	E 7° N
November,	−5	−9	−13	−17	−21	−22	−20	−16	−5	−1	+9	+16	+20	+21	+21	+15	+10	+6	+4	+2	0	−1	+1	−1	E 27° N	E 19° N
December,	−3	−12	−13	−13	−15	−16	−18	−14	−7	+1	+7	+13	+14	+15	+13	+13	+10	+6	+4	+3	+5	+3	+3	+2	E 24° N	E 17° N
Means,	−5	−4	−5	−5	−5	−6	−7	−5	−2	+2	+6	+9	+10	+10	+8	+8	+6	+3	0	−2	−4	−5	−5	−5	E 7° S	E 24° S

Table X.

Four-yearly Means of Total Distance traversed by as well as Total Duration and Average Velocity of Winds from eight different Points of the Compass.

Wind.	Total Distance, Miles.	Duration. Hours.	Velocity. Miles per Hour.
N,	9687	856	11.3
NE,	11588	884	13.1
E,	70609	4106	17.2
SE,	5776	524	11.0
S,	7387	678	10.9
SW,	6761	518	13.1
W,	4138	507	8.2
NW,	1821	272	6.7
Calm,	253	421	0.6
Sums and Mean,	118020	8766	13.5

Table XI.

Five-yearly Means of Number of Days on which different Meteorological Phenomena were noted and Mean Number of Thunderstorms during each Month of the Year.

Month.	Fog.	Electric Phenomena.	Lightning.	Thunder.	Thunderstorms.	Unusual Visibility.	Dew.	Rainbow.	Lunar Halo.	Lunar Corona.	Solar Halo.	Solar Corona.
January,	1	0	0	0	0	1	3	0	0	0	0	0
February,	1	0	0	0	0	2	1	0	0	0	0	0
March,	8	7	6	6	4	1	4	0	0	0	1	0
April,	4	11	10	7	3	1	6	0	1	0	1	0
May,	1	12	11	6	3	3	6	1	1	1	1	0
June,	0	14	13	5	2	5	4	2	4	4	4	0
July,	0	20	19	9	3	5	5	3	5	2	5	1
August,	3	21	19	11	3	5	10	3	5	2	5	2
September,	4	14	13	6	2	2	9	2	2	2	2	1
October,	1	4	4	2	1	2	4	0	1	0	1	0
November,	1	0	0	0	0	3	7	0	1	2	1	0
December,	2	0	0	0	0	2	6	0	0	1	0	0
Sums,	26	103	95	52	21	32	65	11	20	14	21	4

Table XII.

Five-yearly means of Number of Times that Clouds of different forms were observed in each month of the Year.

Month.	c.	c-str.	c-cum.	sm-cum.	cum.	cum-str.	str.	R-cum.	cum-nim.	nim.
January,	1	5	11	21	83	0	16	30	45	28
February,	1	3	8	13	61	0	32	21	50	43
March,	0	6	6	13	80	1	25	27	56	42
April,	2	13	17	18	100	1	13	26	47	44
May,	2	20	22	23	139	9	12	20	49	35
June,	5	49	29	20	135	9	8	16	31	42
July,	8	64	35	14	137	14	12	13	29	39
August,	11	59	26	24	132	12	16	5	34	36
September,	3	46	35	29	120	9	11	14	20	24
October,	2	15	17	25	120	2	9	12	20	11
November,	0	24	11	36	88	1	15	11	12	10
December,	2	11	7	29	67	1	13	10	12	16
Sums,	37	315	224	265	1262	59	182	205	405	370

Table XIII.

Five-yearly means of Percentage of Clouded Sky and Mean Diurnal Variation in each Month of the Year.

Month.	1 a.	4 a.	7 a.	10 a.	1 p.	4 p.	7 p.	10 p.	Mean.
January,	+ 6	+ 6	+ 6	0	− 3	− 6	− 5	0	67
February,	+ 1	0	+ 3	− 1	− 1	+ 2	− 4	− 2	81
March,	+ 3	0	+ 4	+ 3	− 2	− 4	− 1	− 2	83
April,	+ 5	0	+ 4	0	+ 1	− 1	− 2	− 4	80
May,	+ 1	+ 1	+ 8	+ 1	+ 1	0	− 5	− 6	78
June,	− 3	− 2	+ 3	0	+ 5	+ 4	0	− 7	77
July,	− 5	− 3	+ 1	+ 4	+ 2	+ 5	+ 4	− 8	69
August,	− 4	+ 1	+ 1	0	+ 1	+ 4	+ 3	− 7	65
September,	0	+ 5	+ 5	− 2	+ 2	+ 3	− 6	− 8	56
October,	+ 6	+ 7	+ 3	− 1	− 1	− 1	− 7	− 2	43
November,	+ 6	+ 9	+ 4	− 5	− 5	− 2	− 9	+ 1	41
December,	+ 1	+ 6	+ 4	− 1	− 2	− 3	− 4	+ 1	40
Mean,	+ 1	+ 2	+ 4	0	0	0	− 3	− 1	65

Table XIV.

Monthly Extremes during Five Years of the Principal Meteorological Elements registered at the Observatory.

Month.	Barometer.		Temperature.		Humidity.	Vapour Tension.		Rain.		Wind Velocity.	Radiation.	
	Max.	Min.	Max.	Min.	Min.	Max.	Min.	Daily Max.	Hourly Max.	Max.	Sun Max.	Terr. Min.
January, ...	30.356	29.686	74.4	41.8	5	0.589	0.035	3.920	0.470	42	142.0	38.0
February, ...	.335	.756	70.0	40.6	28	0.633	0.105	1.265	0.390	46	137.7	36.8
March, ...	.244	.683	78.4	48.8	24	0.749	0.173	3.580	1.570	46	142.7	43.5
April, ...	.158	.585	84.8	56.5	32	0.847	0.174	5.210	2.420	42	150.0	52.4
May, ...	29.997	.478	88.4	65.8	36	0.967	0.314	5.975	2.740	38	156.1	60.4
June, ...	.880	.284	89.3	69.2	34	1.001	0.372	12.630	2.200	48	159.8	66.7
July, ...	.882	.110	92.9	73.8	54	1.026	0.664	13.480	3.480	55	158.7	70.9
August, ...	.850	.271	90.4	72.2	53	1.004	0.692	6.555	2.140	53	156.8	68.8
September, ...	.984	28.876	90.7	70.8	34	0.991	0.360	5.855	1.390	89	158.6	65.6
October, ...	30.192	29.606	86.1	60.8	27	0.921	0.241	2.240	1.075	38	151.9	55.4
November, ...	.311	.663	82.6	55.0	16	0.807	0.100	0.925	0.400	49	143.7	44.1
December, ...	.305	.757	76.3	44.8	12	0.679	0.044	1.670	0.400	54	142.9	40.4
Year, ...	30.356	28.876	92.9	40.6	5	1.026	0.035	13.480	3.480	89	159.8	36.8

Table XV.

Monthly Extremes during five years of the Principal Meterological Elements registered at Victoria Peak.

Month.	Barometer.		Temperature.		Humidity.	Vapour Tension.		Rain.	Wind Force.	Radiation.	
	Max.	Min.	Max.	Min.	Min.	Max.	Min.	Daily Max.	Max.	Sun Max.	Terr Min.
January, ...	28.493	27.957	69.1	36.0	31	0.563	0.116	5.01	7	142.0	31.5
February, ...	.467	28.016	67.8	35.3	45	0.550	0.151	1.75	7	133.0	30.9
March, ...	.388	27.974	72.3	42.0	38	0 691	0.216	5.10	7	138.0	41.5
April, ...	.330	.918	76.5	47.8	34	0.816	0.158	8.40	7	144.4	46.3
May, ...	.243	.778	78.3	57.2	63	0.901	0.412	4.85	7	149.7	55.5
June, ...	.146	.622	81.3	64.8	63	0.934	0.563	14.50	8	151.0	62.5
July, ...	.170	.465	84.2	69.8	64	0.958	0.622	14.56	8	153.0	67.2
August, ...	.144	.675	82.9	67.0	71	0.921	0.631	9.20	9	153.9	63.5
September, ...	.248	.392	82.5	66.0	56	0.962	0.469	6.50	10	152.9	59.4
October, ...	.402	.945	79.7	58.3	44	0.827	0.275	1.71	7	149.0	51.2
November, ...	.479	.975	74.9	44.0	30	0.726	0.112	1.20	7	142.0	39.5
December, ...	.459	28.050	69.0	40.1	24	0.611	0.099	2.36	7	137.0	38.5
Year, ...	28.493	27.392	84.2	35.3	24	0.962	0.099	14.56	10	153.9	30.9

Table XVI.

Month.	Barometric Tide.	Mean Diurnal Variability of Temperature.	Temperature. Observatory. Mean Max.	Temperature. Observatory. Mean Min.	Temperature. Peak. Mean Max.	Temperature. Peak. Mean Min.	Days with Rain.	Hourly Intensity of Rain.	Mean Direction of Clouds whence coming. Lower.	Mean Direction of Clouds whence coming. Upper.	Mean Direction of Clouds whence coming. Cirrus.	Number of Days with Clouds below. 2,000 ft.	Number of Days with Clouds below. 1,000 ft.
January,	0.105	1.90°	63.1	56.1	57.9	50.5	6	0.026	E 8° S	W 6° S	W	15	5
February,	0.108	2.09	58.2	52.1	53.5	46.3	11	0.025	E 1° N	W 5° S	W	16	8
March,	0.100	2.32	66.1	59.0	62.4	54.4	12	0.064	E 31° S	W 13° S	W	22	11
April,	0.093	2.09	74.4	67.1	68.7	61.9	14	0.088	E 57° S	W 9° S	W 6° S	24	12
May,	0.084	1.66	80.4	73.5	73.1	67.6	17	0.090	S 19° E	W 11° N	W 26° N	22	6
June,	0.071	1.38	84.4	77.5	76.0	71.3	21	0.175	S 1° E	W 67° N	N 18° E	20	3
July,	0.065	1.06	85.5	78.1	77.9	73.2	21	0.180	S 16° E	E 44° N	N 32° E	16	8
August,	0.072	1.13	85.0	77.3	77.7	72.7	17	0.175	S 16° W	E 47° N	N 40° E	14	2
September,	0.079	1.04	84.3	77.0	77.5	71.6	13	0.156	E 6° S	E 65° N	N 20° E	7	0
October,	0.088	1.21	79.1	72.7	73.4	66.6	7	0.127	E 7° N	W 4° S	N	5	1
November,	0.103	1.62	73.4	65.7	66.7	58.9	4	0.046	E 17° N	W 33° S	W 2[illegible]° S	3	0
December,	0.108	1.99	66.8	59.3	60.6	51.8	5	0.038	E 6° N	W 21° S	W	6	2
Means,	0.090	1.63	75.1	67.9	68.8	62.2	148	0.098	E 34° S	W 31° N	N 43° W	14	4

Table XVII.

Five-yearly means of Readings of Solar Radiation Thermometers and Excess over Maximum Thermometers as well as Excess of Minimum over Terrestrial Radiation Thermometers, mean Weight of Aqueous Vapour in Troy Grains in each cubic foot of air and Diurnal Range of Temperature at the Observatory and at the Peak, and average height in feet corresponding to a decrease of 1° in the temperature.

Month.	Solar Radiation Thermometer. Observatory.	Solar Radiation Thermometer. Peak.	Solar Radiation Excess over Maximum. Observatory.	Solar Radiation Excess over Maximum. Peak	Terrestrial Radiation. Observatory.	Terrestrial Radiation. Peak.	Weight of Aqueous Vapour. Observatory.	Weight of Aqueous Vapour. Peak.	Diurnal Range. Observatory.	Diurnal Range. Peak.	Height of 1° Decrease.
January,	114.0	108.7	50.8	51.2	+2.4	+2.5	4.31	4.14	7.0	7.4	314
February,	100.0	99.4	41.8	45.9	+1.5	+1.8	3.89	3.75	6.1	7.2	326
March,	115.1	110.7	49.0	48.4	+1.5	+1.2	5.29	5.10	7.1	8.0	501
April,	124.7	116.7	50.3	48.1	+1.5	+1.1	6.88	6.49	7.3	6.8	402
May,	135.8	125.3	55.4	52.2	+1.8	+1.0	8.18	7.62	6.9	5.5	304
June,	138.5	126.5	54.1	50.5	+2.6	+0.8	9.14	8.54	6.9	4.7	259
July,	141.0	133.7	55.5	55.8	+2.5	+0.8	9.42	8.81	7.4	4.7	274
August,	139.9	133.4	54.9	55.8	+2.3	+1.4	9.27	8.69	7.7	4.9	291
September,	142.0	136.8	57.7	59.3	+3.6	+1.8	8.41	8.05	7.3	5.9	282
October,	136.8	130.8	57.7	57.4	+4.2	+2.1	6.83	6.74	6.4	6.8	275
November,	131.2	123.5	57.8	56.8	+4.7	+2.6	5.01	5.02	7.7	7.8	272
December,	122.1	117.3	55.3	56.7	+5.1	+2.1	4.06	3.99	7.5	8.8	280
Mean,	128.4	121.9	53.4	53.2	+2.8	+1.6	6.72	6.41	7.1	6.5	315

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JANUARY, 1891.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Jan. 1,...	30.081	30.071	30.080	30.076	30.082	30.097	30.118	30.135	30.143	30.147	30.123	30.075	30.049	30.022	30.016	30.033	30.053	30.062	30.082	30.099	30.110	30.108	30.104	30.099	30.086
„ 2,...	.101	.096	.073	.081	.080	.086	.097	.121	.138	.143	.120	.093	.058	.030	29.998	.005	.026	.048	.063	.070	.066	.071	.073	.071	.075
„ 3,...	.065	.050	.023	.016	.010	.013	.019	.051	.061	.057	.029	.005	29.969	29.952	.953	29.960	29.975	29.986	.016	.024	.038	.048	.048	.039	.017
„ 4,...	.023	.021	29.987	29.983	29.980	29.995	.014	.048	.072	.071	.049	.025	.989	.970	.959	.975	.990	30.004	.014	.034	.032	.029	.029	.029	.018
„ 5,...	.030	.025	30.016	30.011	30.020	30.041	.073	.105	.139	.133	.118	.091	30.061	30.042	30.036	30.033	30.032	.054	.075	.093	.099	.095	.094	.095	.067
„ 6,...	.086	.085	.079	.075	.079	.093	.112	.135	.154	.137	.116	.086	.049	.026	.005	.003	.000	.014	.037	.050	.064	.069	.072	.070	.071
„ 7,...	.065	.054	.036	.024	.022	.034	.040	.072	.081	.084	.063	.030	29.987	29.958	29.942	29.944	29.949	29.952	29.973	29.991	.000	29.998	.005	.013	.013
„ 8,...	.008	.016	.009	.004	.006	.011	.031	.056	.083	.082	.057	.026	.997	.979	.964	.959	.971	.984	30.001	30.021	.028	30.037	.039	.034	.017
„ 9,...	.029	.027	.010	.009	.011	.026	.044	.072	.082	.088	.080	.045	30.017	.996	.996	.999	30.007	30.015	.024	.039	.039	.044	.036	.029	.032
„ 10,...	.022	.019	.011	29.999	.000	.021	.024	.046	.078	.079	.054	.008	29.980	.962	.946	.963	29.976	29.981	29.981	29.997	.015	.034	.016	.006	.009
„ 11,...	.015	.010	.002	30.000	.006	.026	.042	.064	.084	.099	.086	.055	30.038	30.016	30.001	30.001	.997	30.003	30.016	30.031	.032	.028	.028	.026	.029
„ 12,...	.018	.004	29.989	29.990	29.995	.009	.024	.050	.076	.079	.059	.024	29.990	29.971	29.973	29.975	.977	29.977	29.999	.011	.016	.016	.018	.022	.011
„ 13,...	.018	.015	.993	.989	.982	29.969	.015	.043	.055	.067	.044	.005	.967	.948	.943	.943	.949	.962	.980	29.987	29.986	29.997	.013	.028	29.996
„ 14,...	.047	.049	30.055	30.068	30.087	30.102	.124	.143	.154	.152	.135	.103	30.071	30.048	30.043	30.049	30.069	30.081	30.086	30.106	30.113	30.109	.110	.113	30.092
„ 15,...	.114	.107	.114	.115	.126	.140	.164	.183	.193	.194	.187	.166	.127	.094	.074	.066	.070	.074	.089	.106	.116	.118	.124	.126	.124
„ 16,..	.121	.121	.121	.123	.134	.154	.179	.199	.215	.216	.206	.166	.129	.107	.085	.082	.087	.104	.126	.137	.146	.153	.154	.161	.143
„ 17,...	.158	.159	.151	.134	.123	.129	.139	.156	.174	.175	.153	.121	.084	.052	.038	.034	.040	.051	.066	.082	.095	.099	.101	.099	.109
„ 18,...	.095	.086	.087	.077	.078	.087	.101	.106	.118	.113	.092	.062	.024	29.990	29.976	29.968	29.974	29.977	29.986	29.993	.005	.013	.007	.006	.043
„ 19,...	.007	.008	29.997	29.979	29.968	29.980	.002	29.999	.018	.017	29.996	29.970	29.946	.927	.918	.924	.937	.947	.963	.981	29.991	.001	.012	.017	29.979
„ 20,...	.014	.002	.995	.997	30.007	30.021	.036	30.056	.076	.084	30.071	30.056	30.020	30.000	.991	.992	30.002	30.017	30.032	30.047	30.052	.061	.062	.054	30.031
„ 21,...	.045	.038	30.032	30.019	.020	.019	.027	.059	.077	.072	.050	.023	29.978	29.946	.929	.931	29.939	29.949	29.962	29.981	29.989	29.996	29.989	29.983	.002
„ 22,...	29.980	29.983	29.980	29.976	29.983	29.995	.006	.036	.054	.055	.037	.006	.966	.932	.920	.917	.927	.943	.955	.978	.993	.996	.991	.990	29.983
„ 23,...	.986	.980	.971	.972	.978	.990	* .008	.026	.035	.048	.043	.012	.981	.964	.951	.952	.955	.973	.995	30.018	30.036	30.042	30.044	30.047	30.000
„ 24,...	30.053	30.049	30.043	30.030	30.040	30.049	.057	.083	.102	.114	.102	.083	30.044	30.021	30.011	30.012	30.017	30.039	30.060	.084	.093	.094	.091	.086	.061
„ 25,...	.081	.074	.072	.058	.049	.056	.067	.087	.100	.117	.104	.075	.047	.027	.021	.021	.016	.022	.029	.031	.031	.028	.021	.003	.052
„ 26,...	.007	.002	.002	29.995	29.993	.015	.030	.041	.061	.071	.056	.034	29.991	29.966	29.953	29.954	29.958	29.969	29.988	.002	.012	.024	.031	.023	.007
„ 27,...	.023	.010	29.994	.987	.991	.002	.002	.021	.039	.050	.041	.004	.968	.944	.932	.931	.938	.946	.962	29.989	.007	.017	.023	.020	29.993
„ 28,...	.002	29.993	.982	.976	.975	29.989	.012	.023	.050	.056	.043	.021	.996	.963	.953	.953	.956	.965	.980	.988	29.987	.004	.000	29.980	.994
„ 29,...	29.972	.963	.957	.951	.960	.966	29.979	.000	.024	.031	.015	29.994	.957	.930	.914	.913	.914	.913	.929	.937	.955	29.958	29.950	.936	.959
„ 30,...	.934	.929	.912	.906	.907	.920	.925	29.936	29.946	29.951	29.947	.921	.890	.858	.841	.837	.847	.844	.860	.865	.878	.873	.872	.866	.894
„ 31,...	.864	.863	.860	.858	.859	.867	.880	.903	.910	.920	.915	.893	.859	.832	.826	.829	.849	.871	.895	.923	.946	.961	.975	.972	.889
Means,.....	30.034	30.029	30.020	30.015	30.018	30.029	30.045	30.066	30.084	30.087	30.071	30.041	30.007	29.983	29.971	29.973	29.981	29.991	30.007	30.022	30.031	30.036	30.037	30.034	30.026

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF JANUARY, 1891.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Jan. 1,	62.2	61.5	61.2	61.1	61.2	61.1	61.4	62.0	63.0	64.0	65.9	66.9	65.9	65.9	67.0	65.0	64.1	64.2	64.2	64.9	64.9	64.2	63.9	63.7	63.7	67.0	60.6
„ 2,	63.9	63.2	62.9	62.6	62.5	62.5	62.9	62.9	63.0	63.0	63.8	64.4	65.2	66.6	65.4	65.1	65.0	64.9	65.0	64.8	65.0	65.1	65.1	65.1	64.2	66.6	61.8
„ 3,	65.1	64.4	64.1	63.9	64.1	64.1	64.1	66.0	66.9	68.0	70.5	68.3	69.0	69.7	69.8	69.2	67.5	67.0	67.1	66.2	65.9	67.0	66.3	65.8	66.7	72.2	63.6
„ 4,	67.6	66.5	66.4	66.5	66.4	66.3	66.7	68.0	67.8	70.8	74.3	73.7	74.9	72.5	73.0	72.8	70.5	68.8	68.0	67.1	66.0	65.1	65.2	64.1	68.7	74.9	64.1
„ 5,	63.3	62.2	62.1	61.7	61.1	60.7	60.7	62.0	63.8	65.3	66.0	66.0	65.5	68.0	65.7	65.6	65.0	63.1	63.1	63.0	63.0	62.8	62.5	63.4	63.6	68.0	60.6
„ 6,	62.9	62.2	61.7	61.2	60.8	60.5	61.0	62.7	62.1	63.7	65.1	65.3	65.0	65.0	64.1	64.3	64.0	62.0	62.0	62.0	62.0	61.1	60.8	60.2	62.6	66.5	60.2
„ 7,	59.9	59.2	59.7	59.6	58.3	58.1	57.8	60.0	61.6	65.0	65.3	67.0	68.0	67.3	67.0	67.0	64.1	62.2	63.0	61.0	61.0	60.0	60.3	59.9	62.2	68.0	57.0
„ 8,	59.7	59.1	58.1	57.9	58.2	58.0	57.8	60.0	63.0	62.7	65.1	65.1	68.0	67.5	66.0	64.8	62.5	62.0	60.1	60.1	59.0	60.0	60.0	59.7	61.4	68.5	56.6
„ 9,	59.8	58.8	57.5	57.3	56.2	55.3	55.0	58.9	61.0	61.9	63.2	63.5	63.1	63.9	63.9	63.0	61.2	61.1	61.8	62.0	62.1	62.0	61.8	61.4	60.7	65.3	55.0
„ 10,	61.3	61.1	60.2	59.9	59.4	59.5	60.0	60.3	61.7	62.1	63.6	64.0	63.8	64.8	64.0	63.0	62.3	62.2	63.0	63.0	63.0	63.1	63.0	62.8	62.1	65.4	59.1
„ 11,	62.9	63.0	63.0	62.7	63.1	63.1	63.2	64.3	66.0	66.7	67.0	69.0	68.6	68.4	68.2	67.0	66.0	64.0	63.1	63.1	63.1	63.0	62.2	61.4	64.7	69.6	61.4
„ 12,	61.9	61.6	62.6	63.8	63.9	64.1	64.3	66.0	67.0	66.9	67.8	69.3	71.0	68.8	69.0	67.8	65.5	64.1	64.1	64.5	64.9	65.0	65.0	65.0	65.6	71.0	61.4
„ 13,	64.4	64.2	63.3	63.0	63.1	63.0	63.3	63.9	64.9	64.9	66.0	68.2	68.4	70.8	70.0	68.9	69.0	65.1	65.0	65.0	64.1	65.1	64.1	61.4	65.4	71.4	61.4
„ 14,	59.9	58.8	57.6	55.7	54.4	53.5	52.0	51.4	53.0	53.2	55.2	57.0	59.0	60.0	60.0	60.2	60.1	59.7	58.0	58.0	57.1	56.0	55.1	54.2	56.6	61.4	50.8
„ 15,	53.9	53.2	52.6	52.4	51.9	51.7	52.1	54.0	58.0	58.8	61.0	61.5	62.0	62.9	63.8	63.0	61.1	58.9	57.2	57.0	58.0	55.1	55.5	54.7	57.1	65.7	51.3
„ 16,	54.1	54.6	54.3	54.7	54.0	53.4	52.7	55.2	58.2	58.0	59.0	59.4	59.2	59.0	59.0	59.0	57.5	57.1	57.0	57.2	58.0	58.1	58.3	58.6	56.9	59.4	52.6
„ 17,	58.9	58.7	57.8	55.8	56.4	56.5	56.7	59.4	60.1	61.1	62.5	61.9	61.7	62.0	62.0	61.4	60.1	59.5	59.4	59.1	59.0	59.0	58.9	59.3	59.5	63.6	55.8
„ 18,	59.1	58.4	58.5	57.4	57.5	57.6	58.0	60.0	62.1	62.7	63.6	63.0	63.8	63.4	63.2	63.5	62.5	61.0	60.3	60.2	60.2	61.1	61.1	61.1	60.8	65.5	57.4
„ 19,	61.1	61.1	60.9	60.5	60.2	59.5	60.0	61.7	62.8	63.1	64.8	65.1	66.5	66.0	64.8	63.9	62.0	61.1	61.7	62.0	62.2	62.2	62.1	61.9	62.4	67.7	59.5
„ 20,	62.2	61.1	60.9	60.2	60.3	59.6	60.2	61.0	60.0	61.7	60.7	62.0	62.1	63.0	61.5	60.9	60.0	60.0	60.0	60.1	60.1	60.0	60.0	59.2	60.7	63.5	59.1
„ 21,	59.2	59.1	58.9	58.3	58.2	57.8	58.0	59.3	59.8	61.0	62.0	62.2	62.1	61.9	61.8	61.4	60.0	59.1	59.0	59.0	59.0	58.1	58.3	58.2	59.7	63.8	57.1
„ 22,	58.1	58.7	58.3	58.4	58.8	58.9	59.0	61.0	62.9	64.6	65.8	67.7	69.4	68.0	66.9	65.0	63.5	62.0	62.1	63.0	62.1	62.1	62.1	61.8	62.5	70.7	57.4
„ 23,	61.7	61.3	61.2	61.9	62.1	61.9	62.0	63.0	64.0	65.6	66.4	66.0	65.6	66.0	66.6	67.0	66.1	63.7	63.1	63.1	63.1	63.0	62.7	62.2	63.7	67.6	60.8
„ 24,	62.2	62.1	61.6	61.6	61.6	61.8	62.6	62.4	63.0	65.0	66.1	68.0	68.0	68.0	68.9	68.1	66.1	63.0	62.5	62.8	62.5	62.8	62.2	61.5	63.9	71.4	61.5
„ 25,	61.1	60.4	60.2	59.8	59.4	59.0	58.9	59.0	59.0	59.4	60.3	62.0	62.0	61.9	60.8	60.6	59.5	59.0	59.1	59.0	59.8	60.0	60.1	60.1	60.0	63.4	58.1
„ 26,	60.1	60.1	60.1	59.7	59.5	59.4	60.0	60.9	61.8	63.0	64.0	65.0	66.7	66.0	65.1	65.0	64.1	62.5	62.1	62.1	62.2	62.6	62.8	62.3	62.4	67.4	58.9
„ 27,	62.1	62.2	62.2	62.2	62.5	62.7	63.9	64.2	65.3	67.1	69.0	71.9	71.8	71.4	72.0	69.0	67.2	66.1	66.0	66.0	66.0	66.1	65.0	65.2	66.1	73.6	61.6
„ 28,	65.0	64.9	63.2	62.3	61.6	61.5	62.0	62.0	62.5	64.6	64.6	64.0	65.0	65.2	63.1	62.6	62.3	62.0	62.0	62.0	62.0	62.1	61.9	61.4	62.9	67.4	61.4
„ 29,	61.2	61.7	61.3	61.2	61.0	60.8	61.1	62.0	63.0	63.4	65.7	65.2	65.4	66.0	65.8	64.3	64.0	64.0	64.1	64.1	62.1	61.1	62.5	63.4	63.1	66.0	60.5
„ 30,	63.7	64.2	63.7	64.5	65.3	65.5	67.1	68.4	69.0	70.7	72.0	70.5	70.0	69.0	68.8	69.3	67.0	66.7	65.9	66.0	65.0	66.1	66.0	65.7	67.1	72.8	63.4
„ 31,	66.7	66.3	66.5	65.8	65.6	65.8	65.9	67.9	68.2	68.9	67.9	67.5	68.0	68.2	67.0	68.0	63.5	61.2	60.1	60.0	59.1	58.1	58.2	57.7	64.7	70.8	57.7
Means,	61.5	61.1	60.7	60.4	60.3	60.1	60.3	61.6	62.7	63.8	65.0	65.5	66.0	66.0	65.6	65.0	63.7	62.5	62.2	62.2	62.0	61.8	61.7	61.4	62.6	67.6	59.0

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JANUARY, 1891.

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,...	58.6	58.6	57.7	57.7	57.0	56.6	57.3	57.7	58.7	59.9	61.6	61.8	60.8	60.7	61.7	60.5	61.0	60.6	59.8	60.4	60.8	59.1	58.2	58.1	59.4	124.6
„ 2,...	58.2	58.2	58.4	57.6	57.7	58.3	59.7	59.7	60.5	60.2	59.7	60.7	61.0	62.8	62.0	61.5	60.8	60.7	60.4	60.7	60.8	61.2	60.9	60.7	60.1	105.4
„ 3,...	62.0	61.6	61.7	61.6	61.6	61.5	61.5	62.1	62.8	63.0	65.2	63.4	61.8	62.4	62.7	62.8	61.6	61.3	60.7	61.7	61.7	60.9	62.3	62.0	62.1	126.7
„ 4,...	61.2	61.5	62.4	62.4	62.5	62.2	61.9	63.5	62.9	61.7	63.0	63.7	64.6	64.3	64.4	62.7	60.8	59.7	58.7	59.5	55.4	56.8	57.4	56.2	61.2	134.9
„ 5,...	55.7	54.8	55.0	55.9	55.8	55.6	55.7	57.3	58.3	58.2	59.2	58.7	58.4	59.2	58.5	58.3	58.0	58.7	58.0	57.8	58.1	57.9	58.0	58.7	57.5	122.1
„ 6,...	58.1	58.1	58.0	57.1	57.4	57.4	58.2	59.6	59.0	58.6	60.0	59.6	59.7	60.0	59.0	59.3	58.5	57.7	57.5	57.5	57.5	56.9	56.9	57.0	58.3	127.7
„ 7,...	56.9	57.4	56.9	55.9	53.9	51.9	51.9	53.1	54.2	57.7	58.0	59.3	59.2	57.1	57.5	59.4	57.8	56.7	56.9	56.7	56.9	52.8	53.3	54.0	56.1	120.8
„ 8,...	53.7	55.1	54.1	54.2	53.3	51.4	52.5	54.7	56.9	56.4	56.9	57.0	58.5	60.0	58.0	58.1	56.5	55.8	55.5	55.5	54.7	53.7	52.1	52.0	55.3	124.6
„ 9,...	52.1	52.0	51.5	51.3	50.7	50.3	51.0	53.7	54.7	55.1	55.9	56.0	56.0	56.7	56.6	56.6	54.7	55.7	56.5	56.5	57.7	57.2	56.5	57.1	54.7	117.9
„ 10,...	56.7	56.6	56.2	55.0	55.0	54.8	55.5	55.7	55.8	56.8	56.8	57.7	56.8	57.5	57.0	57.2	56.9	56.9	58.7	58.7	59.5	59.4	59.0	58.7	57.0	125.5
„ 11,...	58.1	58.0	58.4	57.8	58.1	58.1	58.3	58.7	60.7	60.8	61.7	60.7	61.0	61.3	61.3	61.5	61.4	60.5	59.4	59.8	60.0	60.4	59.8	59.5	59.8	128.6
„ 12,...	58.7	58.8	58.8	58.8	58.9	59.2	59.8	61.7	62.7	62.8	62.5	61.2	61.0	62.0	62.4	62.9	61.5	60.8	61.2	61.7	61.8	61.7	61.8	61.8	61.0	124.1
„ 13,...	61.1	61.1	60.8	60.6	60.0	60.6	60.5	60.5	60.7	60.4	60.9	63.4	62.8	63.9	64.1	63.4	61.9	61.9	61.2	60.7	61.5	57.8	57.3	54.2	60.9	114.0
„ 14,...	53.0	51.6	50.9	50.5	49.5	49.2	48.2	49.8	50.0	49.1	50.9	51.9	51.7	52.0	52.2	50.8	50.2	49.6	46.7	46.8	46.3	44.8	45.1	44.5	49.4	97.7
„ 15,...	44.4	43.6	43.0	42.1	41.9	41.7	43.7	44.7	45.7	45.1	46.7	47.5	47.7	48.9	48.5	46.7	47.8	47.8	48.2	49.0	44.0	42.8	44.5	46.1	45.5	120.5
„ 16,...	45.9	46.5	45.6	45.0	45.2	44.3	44.5	47.2	49.0	48.0	48.0	48.0	48.8	49.0	49.6	51.2	49.0	48.6	48.2	49.2	51.0	51.0	51.8	52.5	48.2	117.2
„ 17,...	52.8	52.2	52.7	50.8	50.8	51.8	51.7	53.8	54.6	53.8	55.0	55.0	55.7	56.7	56.0	56.6	56.2	55.6	55.8	55.8	55.7	55.3	55.7	55.8	54.4	119.0
„ 18,...	55.2	55.7	55.4	54.7	54.9	55.0	55.5	56.4	57.3	57.2	58.0	58.0	58.0	57.7	57.7	58.5	58.0	57.5	57.7	57.7	57.8	58.3	58.5	57.8	57.0	120.2
„ 19,...	58.0	57.9	57.8	57.6	57.1	56.7	56.5	58.4	58.6	59.0	59.7	59.9	60.7	60.8	60.3	60.4	59.6	58.8	58.7	59.4	59.2	58.8	59.3	58.5	58.8	121.2
„ 20,...	58.1	57.7	57.5	56.7	56.5	56.1	56.3	56.7	55.5	56.0	55.7	55.8	55.9	56.4	56.3	56.6	55.5	54.8	54.8	54.8	55.0	53.8	54.2	54.4	55.9	122.5
„ 21,...	54.7	54.6	54.3	54.2	54.1	54.0	54.2	55.1	55.3	56.1	57.0	56.9	56.8	56.6	56.4	56.4	55.8	55.8	55.7	55.8	55.4	55.4	55.7	55.9	55.5	127.8
„ 22,...	56.1	56.1	56.1	56.1	56.1	56.4	56.4	57.2	58.3	59.0	60.5	60.5	61.7	60.3	59.7	59.5	59.3	58.0	57.8	58.8	58.8	59.7	59.4	59.0	58.4	124.7
„ 23,...	59.4	59.0	59.1	59.1	59.0	59.0	58.8	59.4	60.0	60.7	60.7	60.7	60.9	60.7	60.8	61.3	61.0	60.2	60.4	60.5	59.8	59.8	59.5	59.1	60.0	123.4
„ 24,...	59.1	59.0	59.0	58.8	59.0	59.2	59.0	58.4	57.5	57.2	57.2	58.8	57.9	58.1	57.2	57.5	56.2	58.6	58.7	58.8	59.0	59.0	58.7	57.9	58.3	125.5
„ 25,...	57.6	57.6	57.2	56.2	55.6	54.9	54.8	55.0	54.9	55.3	55.6	56.4	56.0	55.0	55.3	55.5	55.2	54.7	55.2	54.7	54.9	55.8	55.8	56.0	55.6	131.9
„ 26,...	56.4	56.1	56.1	55.3	55.0	55.0	55.4	56.0	56.8	57.4	57.8	57.7	58.5	59.0	58.6	58.7	58.2	57.5	57.8	57.9	58.2	58.7	58.8	58.8	57.3	136.0
„ 27,...	58.5	58.7	58.5	58.5	58.2	58.3	58.2	59.0	59.5	59.3	60.2	61.5	61.5	62.0	62.0	61.2	59.5	58.8	58.8	57.8	57.8	58.2	58.7	60.5	59.4	130.7
„ 28,...	59.6	59.2	59.7	59.8	59.0	58.8	58.5	58.0	58.5	59.7	59.7	58.7	59.7	60.0	59.7	58.7	58.9	58.5	58.8	58.8	58.8	58.8	58.7	58.6	59.1	129.6
„ 29,...	58.4	58.1	58.0	57.8	57.5	57.1	57.5	57.7	58.6	58.9	58.6	58.7	59.1	59.4	58.3	58.4	58.9	59.8	59.8	60.4	60.4	60.2	60.1	60.5	58.8	88.4
„ 30,...	60.1	60.4	60.6	60.9	61.1	61.3	60.7	61.7	62.4	63.2	63.5	63.7	64.1	63.0	63.5	64.4	63.2	62.4	62.7	63.5	62.9	63.6	63.0	62.9	62.4	128.8
„ 31,...	62.6	62.7	62.8	62.8	62.9	62.7	62.8	64.4	64.8	64.9	62.8	62.6	60.7	60.7	62.0	59.0	55.7	53.9	52.8	52.5	51.8	51.2	51.8	50.9	59.2	129.7
Means,.....	56.8	56.7	56.6	56.2	56.0	55.8	56.0	57.0	57.6	57.8	58.4	58.6	58.6	58.8	58.7	58.6	57.7	57.4	57.2	57.4	57.2	56.8	56.9	56.8	57.3	122.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JANUARY, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	73	0.405	Jan. 1,.....	76	0.451
2 „	75	.407	„ 2,.....	78	.466
3 „	77	.410	„ 3,.....	76	.498
4 „	75	.402	„ 4,.....	63	.442
5 „	75	.397	„ 5,.....	67	.394
6 „	75	.394	„ 6,.....	76	.432
7 „	75	.397	„ 7,.....	67	.371
8 „	74	.410	„ 8,.....	66	.358
9 „	72	.413	„ 9,.....	66	.350
10 „	68	.405	„ 10,.....	72	.399
11 „	65	.407	„ 11,.....	73	.451
Noon.	65	.407	„ 12,.....	76	.476
1 p	62	.400	„ 13,.....	76	.476
2 „	63	.406	„ 14,.....	56	.259
3 „	64	.409	„ 15,.....	33	.154
4 „	66	.413	„ 16,.....	47	.224
5 „	68	.403	„ 17,.....	70	.358
6 „	72	.409	„ 18,.....	78	.416
7 „	72	.407	„ 19,.....	80	.450
8 „	73	.414	„ 20,.....	72	.384
9 „	73	.410	„ 21,.....	75	.386
10 „	72	.401	„ 22,.....	77	.436
11 „	73	.405	„ 23,.....	79	.470
Midt.	74	.407	„ 24,.....	71	.414
			„ 25,.....	74	.385
			„ 26,.....	72	.404
			„ 27,.....	66	.420
			„ 28,.....	79	.455
			„ 29,.....	76	.441
			„ 30,.....	75	.503
			„ 31,.....	71	.432
Means,.....	71	0.405	Mean.	71	0.405

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.
1891.														
January 1,.....	...	...	...	...	...	0.8	0.6	1.0	1.0	1.0	1.0	...	...	5.4
„ 2,.....	...	...	...	...	...	...	...	...	0.1	0.5	0.4	...	...	1.0
„ 3,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	0.9	0.7	.0.1	0.7	0.3	...	7.9
„ 4,.....	...	0.2	...	0.1	0.9	1.0	1.0	0.6	0.6	0.9	0.3	...	...	5.6
„ 5,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.0
„ 6, ...	...	...	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	8.2
„ 7,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.4
„ 8,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.2	...	9.2
„ 9,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.6
„ 10,.....	...	...	...	...	...	0.4	0.4	0.5	1.0	0.2	...	...	...	2.5
„ 11,.....	...	...	...	0.1	...	1.0	1.0	1.0	0.9	0.9	0.8	0.4	...	6.1
„ 12,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.5
„ 13,.....	...	...	...	...	...	0.1	0.1	...	0.2	0.1	0.4	...	...	0.9
„ 14,.....	...	...	...	...	...	0.1	...	...	...	0.1	...	...	...	0.2
„ 15,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 16,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 17,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 18,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 19,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.2
„ 20,.....	...	...	...	0.2	1.0	0.2	0.7	1.0	0.9	0.9	0.6	0.1	...	5.6
„ 21,.....	...	...	0.9	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	0.4	...	8.2
„ 22,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 23,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.7
„ 24,.....	...	...	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	7.4
„ 25,.....	...	...	...	...	0.2	0.8	1.0	0.2	...	...	0.1	...	...	1.8
„ 26,.....	...	...	...	...	0.1	0.6	1.0	1.0	0.9	1.0	1.0	0.6	...	6.2
„ 27,.....	...	...	...	...	...	...	0.4	1.0	1.0	1.0	1.0	0.6	...	5.0
„ 28,.....	...	...	...	0.6	1.0	0.9	0.4	0.9	0.6	0.4	0.2	...	...	5.0
„ 29,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 30,.....	...	...	1.0	1.0	1.0	1.0	0.5	0.6	0.5	0.9	1.0	0.5	...	8.0
„ 31,.....	...	...	...	...	0.7	0.7	0.7	1.0	1.0	1.0	0.1	...	...	5.2
Sums,.....	...	3.3	14.7	16.2	20.5	23.0	23.8	24.7	24.3	24.0	22.6	8.2	...	205.3

TABLE VI.

RAINFALL FOR THE MONTH OF JANUARY, 1891.

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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,	...	...	...	...	...	0.010	0.005	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	3	0.12
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	0.010	1	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	...	...	...	...	0.010	0.005	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	0.040	4	0.12

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, 1891.

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,	5	18	6	19	6	15	7	22	6	20	7	17	8	18	6	20	7	25	7	27	7	28	7	28	8	27	7	26	7	22	7	23	8	22	7	21	7	23	7	24	7	29	7	31	7	33	7	37	575	24.0	7
" 2,	7	30	6	30	6	30	6	27	6	26	7	29	7	28	7	27	7	25	7	22	5	21	6	16	7	16	8	19	7	24	7	20	6	15	4	12	4	4	7	3	10	5	6	5	6	6	5	3	443	18.5	6
" 3,	6	5	8	10	8	11	7	10	7	18	7	20	7	19	7	13	7	14	7	15	8	14	11	18	9	17	9	17	9	14	8	14	8	10	8	6	8	3	...	6	...	1	...	0	...	0	8	2	251	10.5	8
" 4,	8	10	7	8	8	11	10	11	9	12	8	5	7	2	28	3	27	2	32	10	1	13	21	7	22	9	23	6	24	7	1	8	2	11	2	9	29	4	21	8	3	6	10	5	9	8	6	8	183	7.6	5
" 5,	7	10	6	11	4	13	5	16	4	17	4	19	4	21	4	20	6	21	6	25	6	20	8	23	9	23	9	23	9	18	9	17	9	15	10	15	7	11	7	10	6	9	6	8	4	9	6	15	389	16.2	7
" 6,	6	15	6	15	7	19	8	17	7	13	8	13	7	14	4	14	6	15	5	17	8	19	9	18	9	21	9	19	9	18	9	14	10	12	10	10	9	9	8	6	9	3	8	4	...	1	8	2	308	12.8	8
" 7,	12	3	...	0	12	2	3	8	2	7	2	8	2	13	1	12	2	12	12	5	12	6	22	5	22	6	21	8	21	11	23	12	22	10	18	4	18	2	16	3	16	2	2	3	4	6	13	4	152	6.3	30
" 8,	3	4	3	3	30	4	1	8	1	13	2	16	1	13	32	12	2	6	4	4	9	8	10	10	10	7	9	9	9	9	10	10	10	11	11	6	12	4	12	2	...	1	13	4	3	4	2	6	174	7.2	5
" 9,	1	14	32	13	32	13	2	11	1	7	32	7	32	5	5	10	5	17	7	16	8	16	8	24	8	21	7	19	8	19	8	21	8	20	7	20	7	22	7	22	7	29	7	28	7	36	7	35	445	18.5	6
" 10,	7	32	6	28	6	29	7	31	8	30	7	25	7	26	7	24	7	20	7	20	8	21	7	26	8	22	7	24	8	20	8	20	8	21	7	21	7	25	8	27	7	23	8	19	7	26	8	24	584	24.3	7
" 11,	8	17	8	16	8	17	6	16	5	10	7	6	6	13	8	14	8	14	8	12	9	20	11	16	8	15	8	13	8	19	8	21	8	21	10	16	8	10	9	8	8	5	8	4	9	2	...	0	305	12.7	8
" 12,	...	0	9	3	9	4	4	2	...	0	...	0	5	3	9	15	8	18	8	23	8	25	7	29	7	31	8	30	7	27	7	23	7	22	7	20	7	16	6	15	7	16	7	20	6	17	6	14	373	15.5	7
" 13,	5	10	6	11	6	12	7	16	7	23	6	34	4	19	5	18	6	18	5	12	5	12	9	9	10	7	10	4	10	5	10	7	10	3	9	9	8	8	8	5	8	5	3	7	1	10	32	16	280	11.7	6
" 14,	32	15	2	20	2	15	32	15	32	7	1	6	1	5	31	5	2	18	4	19	32	11	32	7	31	5	32	8	32	8	32	10	32	8	32	6	2	10	3	12	2	13	2	17	2	19	2	22	281	11.7	1
" 15,	1	23	1	18	32	18	1	24	32	19	32	15	2	16	3	14	32	11	32	10	6	12	6	12	7	12	9	10	8	7	4	7	25	7	25	6	28	4	...	1	3	10	1	10	6	2	15	2	270	11.3	2
" 16,	14	2	...	1	8	5	4	7	4	8	4	12	4	7	6	14	6	10	6	13	8	19	9	18	10	19	10	21	11	23	10	20	9	17	8	14	7	9	7	12	7	12	7	16	7	20	8	19	318	13.2	8
" 17,	7	20	7	19	4	17	4	12	4	16	5	13	7	13	7	13	8	18	8	22	8	20	10	23	10	23	10	22	9	19	9	21	9	20	8	14	7	14	7	10	7	10	6	8	6	5	6	12	384	16.0	8
" 18,	5	11	5	12	5	8	5	4	8	9	6	9	8	12	8	16	8	16	8	20	8	18	10	19	9	20	9	23	9	23	8	17	7	17	7	16	7	17	7	15	7	9	6	12	6	15	7	19	357	14.9	8
" 19,	6	13	5	14	5	17	7	17	8	19	8	20	8	15	8	22	8	20	8	16	9	17	9	18	9	13	8	18	8	21	8	20	8	22	9	16	7	13	8	15	8	17	7	20	7	23	7	24	430	17.9	8
" 20,	6	26	6	27	7	26	6	26	7	27	8	25	7	23	7	25	4	21	5	18	7	21	4	16	7	19	8	21	8	21	8	20	8	19	7	18	8	18	8	16	9	18	8	18	7	19	7	24	512	21.3	7
" 21,	7	23	7	23	6	21	7	21	6	21	7	24	7	27	7	24	7	24	7	23	6	23	7	19	9	23	8	22	9	20	9	23	9	19	9	18	10	15	8	10	8	7	10	7	9	10	5	8	455	19.0	8
" 22,	10	8	8	9	9	8	9	8	9	11	8	11	8	8	11	7	10	5	10	10	9	16	9	12	9	13	9	14	8	21	8	26	8	28	7	14	8	16	9	17	7	12	8	15	8	21	7	19	329	13.7	8
" 23,	7	21	7	20	8	20	7	19	7	20	7	20	8	24	8	23	8	26	7	20	7	22	8	29	8	24	8	23	8	20	10	17	10	16	10	16	9	16	7	21	7	25	6	22	5	21	6	22	507	21.1	8
" 24,	7	22	7	18	7	17	7	18	8	12	6	9	4	7	1	9	1	11	32	13	1	20	2	14	32	17	2	18	2	16	32	13	2	10	10	20	8	14	8	15	7	16	7	21	7	24	7	26	380	15.8	5
" 25,	7	29	7	28	7	30	7	27	7	31	7	29	7	30	7	27	7	24	7	23	7	25	8	19	9	18	8	15	9	18	8	18	8	20	7	21	7	20	7	23	7	25	7	24	7	24	7	27	575	24.0	7
" 26,	7	22	7	22	7	20	7	22	7	19	7	16	7	12	5	10	7	17	8	17	8	21	9	20	10	18	8	24	8	20	11	17	11	15	10	17	9	18	7	19	7	15	8	15	8	16	8	15	427	17.8	8
" 27,	8	14	8	12	9	15	9	18	8	13	10	12	8	15	8	15	8	11	8	11	9	9	10	7	9	13	9	15	8	16	8	19	7	16	9	10	9	9	8	13	8	15	8	14	8	12	9	13	317	13.2	8
" 28,	8	23	8	21	8	24	7	22	7	20	7	22	7	30	7	30	5	26	7	25	7	33	5	22	5	22	10	18	9	29	9	16	8	15	10	20	9	19	8	21	7	23	7	20	7	27	7	27	555	23.1	7
" 29,	7	27	7	27	6	25	7	24	7	24	7	25	7	20	7	14	8	14	8	18	7	20	8	16	8	13	9	9	9	15	8	18	8	20	8	21	8	23	7	20	7	25	7	19	8	21	7	18	476	19.8	7
" 30,	7	16	7	19	7	26	8	25	8	22	8	21	8	23	8	24	8	21	8	20	8	27	8	20	9	18	9	21	8	17	9	18	9	18	8	17	8	17	8	15	10	12	8	13	8	14	9	10	454	18.9	8
" 31,	8	11	...	1	...	1	8	2	8	2	8	2	...	1	25	8	24	12	24	18	26	28	25	27	24	25	27	22	27	25	31	14	31	14	32	14	32	13	32	10	32	8	32	6	30	6	32	5	275	11.5	28
Sums,	...	494	...	478	...	493	...	506	...	496	...	490	...	482	...	502	...	512	...	524	...	585	...	547	...	537	...	541	...	552	...	524	...	494	...	447	...	406	...	398	...	406	...	415	...	457	...	478	11764	490.2	...
Means,	...	15.9	...	15.4	...	15.9	...	16.3	...	16.0	...	15.8	...	15.5	...	16.2	...	16.5	...	16.9	...	18.9	...	17.6	...	17.3	...	17.5	...	17.8	...	16.9	...	15.9	...	14.4	...	13.1	...	12.8	...	13.1	...	13.4	...	14.7	...	15.4	379.5	15.8	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JANUARY, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	4.73	13.87	0.23	0.00	+4.50	+13.87	E 18° N
2 „	5.10	13.55	0.03	0.00	5.07	13.55	E 21° N
3 „	5.23	13.64	0.24	0.06	4.99	13.58	E 20° N
4 „	5.21	14.11	0.32	0.00	4.89	14.11	E 19° N
5 „	4.92	13.86	0.13	0.00	4.79	13.86	E 19° N
6 „	4.70	13.85	0.16	0.00	4.54	13.85	E 18° N
7 „	4.66	13.58	0.00	0.00	4.66	13.58	E 19° N
8 „	4.97	13.79	0.23	0.35	4.74	13.44	E 19° N
9 „	4.87	14.14	0.06	0.44	4.81	13.70	E 19° N
10 „	4.13	14.56	0.23	0.58	3.90	13.98	E 16° N
11 „	4.02	16.39	0.58	0.84	3.44	15.55	E 12° N
Noon.	2.58	15.15	2.24	1.17	+0.34	13.98	E 1° N
1 p.	1.58	15.03	2.39	1.25	−0.81	13.78	E 3° S
2 „	1.67	15.41	2.18	1.00	−0.51	14.41	E 2° S
3 „	1.65	15.56	1.92	1.19	−0.27	14.37	E 1° S
4 „	2.03	14.81	1.77	0.48	+0.26	14.33	E 1° N
5 „	1.90	14.04	1.52	0.61	0.38	13.43	E 2° N
6 „	2.20	12.90	1.98	0.30	0.22	12.60	E 1° N
7 „	2.10	12.05	0.84	0.19	1.26	11.86	E 6° N
8 „	2.00	11.90	0.49	0.19	1.51	11.71	E 7° N
9 „	2.94	12.09	0.48	0.00	2.46	12.09	E 11° N
10 „	3.28	12.07	0.25	0.00	3.03	12.07	E 14° N
11 „	3.97	13.36	0.13	0.06	3.84	13.30	E 16° N
Midt.	4.32	13.69	0.32	0.00	+4.00	+13.69	E 16° N
Means, ...	3.53	13.89	0.78	0.36	+2.75	+13.53	E 11° 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.
1891.														
Jan. 1	28.35	28.26	28.28	57	58	56	61	54	E	4	E	4	E	5
„ 2	.31	.23	.27	55	59	57	59	55	E	6	E	5	E	4
„ 3	.28	.21	.25	61	63	61	64	57	E	4	E	2	NE	3
„ 4	.29	.23	.26	63	66	63	68	61	NE	3	NW	2	N	3
„ 5	.34	.26	.27	58	61	58	67	55	E	5	E	3	E	3
„ 6	.35	.25	.29	56	61	55	66	54	E	4	E	2	E	3
„ 7	.31	.20	.24	63	62	55	63	51	ENE	3	NNE	3	NNE	2
„ 8	.30	.21	.27	58	61	54	61	53	NE	3	NE	2	NE	2
„ 9	.30	.22	.27	55	57	52	58	52	E	4	E	4	E	6
„ 10	.28	.20	.21	54	56	52	58	49	E	5	E	4	E	5
„ 11	.30	.26	.29	59	63	59	63	52	E	4	E	3	E	3
„ 12	.30	.22	.25	61	61	56	64	54	E	5	E	5	E	5
„ 13	.26	.22	.26	59	61	58	62	55	E	4	E	2	NE	4
„ 14	.33	.29	.32	50	54	48	58	45	NNE	4	NNE	3	NNE	4
„ 15	.39	.32	.33	52	57	50	57	45	NNE	4	ENE	2	ENE	4
„ 16	.38	.31	.35	51	54	49	54	45	ENE	4	E	3	E	4
„ 17	.36	.26	.29	55	57	53	58	49	E	4	E	3	E	3
„ 18	.30	.24	.25	56	56	55	60	50	E	4	E	3	E	4
„ 19	.26	.18	.22	60	60	55	62	52	E	4	E	2	E	5
„ 20	.29	.23	.25	54	55	52	55	52	E	5	E	4	E	5
„ 21	.28	.17	.19	52	57	56	57	51	E	4	E	2	E	3
„ 22	.27	.18	.18	60	63	58	64	53	E	3	E	3	E	4
„ 23	.26	.21	.26	59	60	55	62	54	E	5	E	4	E	5
„ 24	.32	.26	.23	57	60	58	61	55	NNE	4	NNE	4	E	4
„ 25	.30	.23	.26	53	54	52	60	52	E	4	E	4	E	4
„ 26	.28	.21	.21	54	59	55	59	51	ENE	4	E	4	E	4
„ 27	.29	.22	.20	59	66	64	66	54	E	3	E	3	E	5
„ 28	.25	.20	.21	56	58	54	64	54	E	6	E	5	E	5
„ 29	.33	.16	.19	55	58	56	59	53	E	5	E	5	E	6
„ 30	.20	.12	.13	63	65	62	66	56	E	4	E	3	E	3
„ 31	.20	.09	.13	60	58	54	62	52	NW	4	NW	5	ENE	4
Means,	28.299	28.221	28.246	56.9	59.4	55.5	61.3	52.4	E 10° N	4.2	E 11° N	3.3	E 9° 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
1891.												
Jan. 1, ...	2	cum.	E	8	sm-cum.	W	10	sm-cum.	W	10	sm-cum.	W
„ 2, ...	6	cum.	E	10	cum.	E	10	sm-cum. / cum.	E	10	cum-nim.	E
„ 3, ...	10	cum.	...	0	...	...	4	sm-cum. / cum.	W / ENE	1	cum.	E
„ 4, ...	8	sm-cum.	...	9	sm-cum.	W	9	sm-cum.	WSW	7	c-cum. / sm-cum.	WSW
„ 5, ...	0	...	...	2	cum.	E	4	cum.	E	0	...	....
„ 6, ...	4	cum.	NE	1	cum.	NE	2	cum.	ENE	2	cum.	ENE
„ 7, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 8, ...	0	...	...	2	cum.	...	1	sm-cum.	N	0	...	...
„ 9, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 10, ...	10	cum.	...	8	cum.	...	10	sm-cum. / cum.	S / E	10	sm-cum.	WSW
„ 11, ...	6	cum.	E	10	cum-nim.	E	10	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / ENE
„ 12, ...	0	...	...	8	c-str.	...	5	sm-cum.	SSE	0	...	...
„ 13, ...	8	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 14, ...	10	cum-nim.	...	10	cum.	...	10	nim.	...	10	str-cum.	ENE
„ 15, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 16, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 17, ...	2	sm-cum.	...	0	...	...	0	...	...	0	...	...
„ 18, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 19, ...	6	cum.	E	8	cum.	E	8	sm-cum. / cum.	W / E	1	sm-cum.	...
„ 20, ...	8	sm-cum.	...	7	cum.	...	7	sm-cum. / cum.	NE	7	sm-cum. / cum.	NE
„ 21, ...	8	cum.	...	4	cum.	...	9	sm-cum. / cum.	W / E	8	sm-cum. / cum.	W / E
„ 22, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 23, ...	4	sm-cum.	SE	9	sm-cum.	SE	4	sm-cum. / cum.	E	1	cum.	E
„ 24, ...	10	cum.	E	10	cum.	N	10	cum.	NNE	3	sm-cum. / cum.	NE
„ 25, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	R-cum.	E
„ 26, ...	8	sm-cum.	...	10	cum.	SE	10	cum. / R-cum.	SE / ..	9	sm-cum.	SW
„ 27, ...	7	sm-cum.	...	6	cum.	SE	10	sm-cum. / cum.	SE	10	sm-cum. / cum.	WSW / SE
„ 28, ...	10	cum.	...	10	cum.	...	10	cum.	ENE	6	sm-cum. / cum.	E
„ 29, ...	8	sm-cum. / cum.	W / E	10	cum.	E	10	sm-cum. / cum.	E	10	str.	...
„ 30, ...	10	cum-nim.	...	10	cum.	...	10	sm-cum. / cum.	WSW / ESE	4	sm-cum. / cum.	WSW / E
„ 31, ...	2	sm-cum.	W	8	sm-cum.	W	9	sm-cum.	WSW	9	sm-cum. / cum.	WSW / NNE
Means, ...	5.1	...	...	5.8	...	...	6.2	...	...	4.8	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
Jan. 1,...	10	sm-cum.	W	2	sm-cum. / cum.	W / E	1	sm-cum.	...	3	cum.	E	5.7
„ 2,...	10	cum-nim.	E	7	sm-cum. / cum.	E	10	cum-nim.	...	10	cum-nim.	...	9.1
„ 3,...	2	sm-cum.	...	8	sm-cum.	W	5	sm-cum.	W	8	sm-cum.	W	4.8
„ 4,...	8	sm-cum.	W	5	sm-cum.	W	4	sm-cum.	...	0	...	...	6.2
„ 5,...	0	...	...	0	...	...	0	...	...	0	...	...	0.8
„ 6,...	1	sm-cum.	NNW	0	...	...	0	...	...	0	...	...	1.2
„ 7,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 8,...	2	cum.	N	2	sm-cum.	NNW	0	...	...	0	...	...	0.9
„ 9,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 10,...	7	c-cum. / sm-cum.	WSW	9	sm-cum. / cum.	E	9	sm-cum. / cum.	E	10	cum-nim.	...	9.1
„ 11,...	1	c-cum.	W	4	sm-cum.	W	0	...	...	0	...	...	5.1
„ 12,...	0	...	...	0	...	...	1	c-str.	...	10	cum-nim.	...	3.0
„ 13,...	10	sm-cum. / cum.	SE	9	sm-cum. / cum.	W / SE	0	...	...	9	sm-cum.	WNW	8.3
„ 14,...	10	c-str. / sm-cum.	W	9	sm-cum.	W	1	sm-cum.	W	0	...	...	7.5
„ 15,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 16,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 17,...	0	...	...	0	...	...	0	...	...	0	...	...	0.2
„ 18,...	0	...	...	0	...	...	1	cum.	E	7	cum.	E	1.0
„ 19,...	0	...	...	0	...	...	1	cum.	E	2	c. / cum.	W / E	3.3
„ 20,...	5	sm-cum. / cum.	NE	9	sm-cum. / cum.	W / NE	10	sm-cum. / cum.	W / NE	9	sm-cum.	SSE	7.7
„ 21,...	4	sm-cum.	W	0	...	...	0	...	...	0	...	...	4.1
„ 22,...	0	...	...	0	...	...	9	c-cum.	SSE	9	c-cum.	SSE	2.3
„ 23,...	1	cum.	E	0	...	...	0	...	...	10	cum.	E	3.6
„ 24,...	1	sm-cum.	...	1	sm-cum.	...	2	sm-cum. / cum.	ENE	10	cum.	E	5.9
„ 25,...	9	sm-cum. / cum.	E	9	sm-cum. / cum.	E	9	sm-cum. / cum.	SSE / E	5	sm-cum. / cum.	SSE / ESE	9.0
„ 26,...	6	sm-cum.	SW	2	sm-cum.	...	1	c / sm-cum. / cum.	E	9	sm-cum. / cum	SSW / ESE	6.9
„ 27,...	6	c. / c-cum.	S	2	c.	W	0	...	...	4	sm-cum. / cum.	ESE	5.6
„ 28,...	5	c-cum. / sm-cum.	E	7	sm-cum. / cum.	W / E	9	cum.	E	10	cum.	E	8.4
„ 29,...	10	str. / cum.	SE	10	str. / cum.	ESE	10	cum-nim.	E	10	nim.	E	9.7
„ 30,...	9	sm-cum. / cum.	WSW / SE	2	sm-cum. / cum.	E	0	...	...	0	..	...	5.6
„ 31,...	0	...	...	4	sm-cum.	WSW	9	sm-cum.	...	8	sm-cum.	WSW	6.1
Means,...	3.8	...	...	3.3	...	...	3.0	...	...	4.6	...	...	4.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF FEBRUARY, 1891.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Feb. 1,...	29.963	29.961	29.959	29.959	29.979	29.993	30.000	30.019	30.053	30.050	30.050	30.023	29.983	29.954	29.943	29.936	29.943	29.956	29.978	29.999	30.007	30.010	29.999	30.006	29.989
„ 2,...	30.010	30.015	30.018	30.001	.993	30.005	.030	.068	.039	.091	.060	.027	.977	.938	.924	.924	.938	.943	.959	.966	29.973	29.978	.985	29.974	.995
„ 3,...	29.972	29.962	29.945	29.926	.920	29.921	29.926	29.949	29.952	29.942	29.936	29.904	.866	.828	.805	.799	.800	.804	.810	.815	.829	.829	.825	.820	.879
„ 4,...	.819	.809	.772	.766	.770	.788	.808	.810	.828	.843	.838	.812	.766	.739	.716	.707	.709	.713	.719	.733	.745	.748	.748	.747	.769
„ 5,...	.753	.750	.745	.740	.748	.758	.775	.788	.809	.821	.813	.784	.756	.732	.724	.726	.728	.735	.747	.764	.795	.818	.835	.842	.770
„ 6,...	.843	.833	.817	.820	.827	.845	.879	.901	.934	.946	.953	.946	.920	.900	.897	.897	.917	.928	.944	.956	.982	30.005	30.005	30.010	.913
„ 7,...	30.005	30.000	.997	.992	30.003	30.020	30.055	30.070	30.091	30.115	30.126	30.108	30.076	30.063	30.063	30.067	30.081	30.109	30.114	30.132	30.160	.157	.149	.143	30.079
„ 8,...	.137	.125	30.123	30.111	.128	.147	.169	.196	.220	.234	.237	.212	.190	.162	.147	.139	.149	.167	.191	.204	.225	.233	.233	.226	.179
„ 9,...	.218	.207	.197	.190	.190	.207	.231	.261	.283	.295	.294	.270	.243	.218	.215	.211	.222	.228	.239	.253	.257	.259	.256	.252	.237
„ 10,...	.251	.248	.237	.231	.236	.256	.280	.300	.316	.332	.328	.310	.282	.264	.255	.255	.272	.278	.285	.296	.308	.320	.328	.325	.283
„ 11,...	.322	.315	.313	.313	.311	.319	.339	.352	.367	.375	.364	.344	.311	.290	.280	.279	.278	.287	.307	.314	.319	.327	.320	.317	.319
„ 12,...	.316	.304	.302	.296	.296	.312	.334	.353	.364	.372	.350	.330	.292	.269	.255	.245	.252	.275	.284	.298	.305	.305	.306	.299	.305
„ 13,...	.288	.268	.263	.263	.268	.284	.307	.333	.346	.353	.334	.299	.263	.224	.211	.211	.228	.246	.261	.269	.274	.275	.271	.272	.275
„ 14,...	.260	.247	.242	.242	.241	.260	.285	.303	.317	.312	.288	.256	.222	.190	.182	.181	.190	.203	.214	.232	.227	.225	.219	.215	.240
„ 15,...	.205	.187	.173	.170	.175	.187	.211	.220	.229	.231	.221	.191	.160	.134	.111	.111	.108	.119	.124	.137	.139	.140	.135	.125	.164
„ 16,...	.117	.096	.073	.076	.083	.105	.124	.136	.147	.155	.142	.107	.065	.037	.021	.016	.024	.038	.055	.060	.077	.075	.078	.075	.083
„ 17,...	.077	.069	.070	.055	.064	.078	.091	.098	.122	.143	.132	.117	.098	.085	.081	.078	.100	.117	.137	.179	.193	.213	.220	.216	.118
„ 18,...	.220	.217	.209	.215	.217	.218	.235	.251	.270	.282	.288	.250	.201	.173	.149	.146	.154	.163	.180	.192	.207	.200	.200	.178	.209
„ 19,...	.178	.151	.122	.095	.091	.091	.111	.141	.170	.166	.161	.146	.110	.087	.055	.048	.068	.076	.090	.101	.120	.123	.129	.126	.115
„ 20,...	.117	.102	.083	.074	.068	.067	.084	.098	.110	.128	.128	.104	.081	.055	.040	.039	.034	.037	.054	.085	.084	.108	.091	.078	.081
„ 21,...	.066	.055	.045	.029	.039	.040	.045	.063	.063	.069	.076	.062	.031	.005	29.990	29.989	29.992	.007	.007	.021	.025	.024	.025	.025	.033
„ 22,...	.027	.016	.003	29.989	29.981	29.985	.011	.037	.057	.067	.054	.034	.002	29.977	.965	.966	.965	29.967	29.968	29.979	29.984	29.980	29.972	29.964	29.998
„ 23,...	29.952	29.938	29.934	.933	.934	.944	29.959	29.971	29.994	29.987	29.970	29.955	29.928	.902	.881	.876	.882	.891	.898	.911	.925	.922	.922	.923	.930
„ 24,...	.916	.899	.895	.897	.908	.924	.938	.960	.971	.974	.958	.934	.904	.892	.876	.879	.890	.910	.925	.947	.958	.953	.964	.958	.926
„ 25,...	.952	.940	.927	.920	.928	.945	.973	.999	30.013	30.037	30.031	30.005	.990	.974	.952	.949	.951	.959	.940	.952	.946	.948	.945	.947	.963
„ 26,...	.947	.926	.911	.897	.910	.919	.935	.944	29.964	29.968	29.954	29.933	.905	.874	.855	.855	.868	.867	.862	.872	.876	.878	.884	.886	.904
„ 27,...	.878	.844	.818	.798	* .804	* .824	* .847	* .859	* .880	* .882	.870	.850	.834	.806	.785	.771	.777	.776	.787	.804	.825	.829	.840	.832	.826
„ 28,...	.821	.795	.770	.760	.758	.786	.814	.826	.846	.844	.834	.811	.786	.755	.736	.735	.742	.741	.758	.788	.797	.805	.794	.797	.787
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	30.058	30.046	30.034	30.027	30.031	30.044	30.064	30.082	30.100	30.108	30.100	30.076	30.044	30.019	30.004	30.001	30.009	30.019	30.030	30.045	30.056	30.060	30.060	30.056	30.049

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF FEBRUARY, 1891.

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,.....	57.0	56.5	55.5	56.4	55.8	55.6	54.6	57.9	58.2	58.0	60.2	61.2	60.0	60.0	59.8	59.0	59.2	59.2	59.1	59.1	59.1	58.5	58.1	58.1	58.2	63.3	52.8
„ 2,.....	58.0	57.9	58.0	57.9	58.0	58.0	58.0	58.2	58.2	59.0	62.6	66.9	66.0	65.5	66.0	63.6	62.8	62.1	61.8	61.0	62.0	60.0	59.5	60.3	60.9	68.0	57.1
„ 3,.....	60.0	59.4	59.4	59.5	59.6	59.9	60.0	61.1	62.1	61.2	61.0	60.0	62.5	61.0	61.0	61.0	61.2	60.8	60.0	61.0	61.0	60.5	60.4	60.2	60.6	63.7	58.7
„ 4,.....	60.1	60.1	59.9	60.0	60.3	60.6	60.3	61.2	62.0	61.4	62.9	63.0	63.0	63.3	63.0	63.0	63.2	64.1	64.5	65.0	65.0	65.4	65.4	66.2	62.6	66.2	59.6
„ 5,.....	65.3	66.1	66.7	67.2	67.4	67.4	66.5	67.0	67.0	66.8	67.0	67.8	69.2	68.0	68.0	68.6	68.1	68.1	68.1	69.0	63.1	62.0	60.8	59.1	66.4	69.5	59.1
„ 6,.....	59.3	60.8	60.3	60.3	60.3	59.1	59.0	59.0	58.9	60.0	59.1	58.0	58.9	55.9	55.8	56.3	54.7	55.0	55.5	55.2	55.0	54.5	53.5	53.1	57.4	61.8	53.1
„ 7,.....	52.3	52.4	52.2	51.9	51.6	52.1	52.0	52.4	54.0	55.3	54.0	54.1	55.0	54.9	53.8	52.8	50.3	50.3	50.8	51.1	51.2	50.8	50.4	50.6	52.3	55.4	49.9
„ 8,.....	50.7	50.3	50.3	49.4	49.3	49.1	49.1	49.0	48.5	49.0	49.2	51.8	50.0	51.1	50.2	50.2	51.0	50.1	49.8	49.9	50.0	50.0	50.0	49.7	49.9	51.9	48.5
„ 9,.....	49.2	48.8	48.3	48.0	47.9	47.9	48.0	47.4	47.1	47.4	48.0	49.0	49.8	50.6	50.0	49.0	49.2	49.1	49.8	50.0	49.9	50.0	50.1	50.1	48.9	51.2	47.1
„ 10,.....	49.3	48.2	47.6	47.3	46.1	46.0	45.8	46.2	47.4	48.0	48.2	48.8	50.0	49.8	50.2	50.3	50.0	49.3	49.8	49.8	49.8	49.0	48.9	48.8	48.5	51.2	45.5
„ 11,.....	48.0	47.2	46.2	45.7	45.8	45.9	45.8	46.8	47.5	48.3	50.0	50.2	51.0	52.0	50.1	49.3	49.0	48.2	48.0	48.0	48.0	47.8	47.4	47.6	48.1	52.0	44.8
„ 12,.....	47.2	47.2	47.0	46.9	46.5	46.0	46.0	47.0	48.0	49.8	50.9	52.5	53.8	55.0	54.7	54.0	52.5	50.9	50.8	50.7	50.5	50.5	50.6	50.6	50.0	55.8	45.6
„ 13,.....	50.9	50.7	50.7	50.5	50.3	50.1	50.1	50.9	52.9	56.6	55.3	58.5	58.4	59.6	61.0	59.2	58.0	54.1	54.1	53.0	55.0	52.8	52.4	51.6	54.0	62.5	49.7
„ 14,.....	50.9	50.4	50.4	50.7	50.9	49.8	50.1	52.6	54.0	56.7	57.9	58.5	58.2	58.0	57.5	57.2	56.0	55.2	55.0	54.6	54.1	54.0	53.8	53.0	54.1	58.5	48.7
„ 15,.....	52.8	53.2	54.1	53.6	53.6	53.7	54.0	56.0	56.7	57.0	58.1	59.1	59.0	59.8	59.0	58.0	57.6	57.2	57.2	57.0	56.2	56.0	55.3	55.3	56.2	61.0	52.6
„ 16,.....	55.6	55.7	55.5	56.2	56.2	56.2	56.8	58.3	59.9	61.0	62.9	62.0	64.0	66.7	64.4	63.8	62.5	60.2	60.4	60.0	59.9	59.8	59.2	58.2	59.8	68.6	53.6
„ 17,.....	58.8	58.7	59.3	59.3	59.1	59.0	59.2	59.6	60.3	60.5	62.0	62.0	63.5	60.6	61.8	61.2	59.3	58.9	59.3	58.4	58.0	57.5	57.4	57.5	59.6	63.5	56.6
„ 18,.....	55.5	54.8	54.5	54.1	53.6	52.9	53.2	54.4	54.4	54.5	56.0	57.2	57.9	56.7	57.2	55.6	55.3	55.0	55.2	55.8	56.2	56.3	56.1	55.6	55.3	59.2	52.3
„ 19,.....	55.2	55.2	55.0	54.1	54.2	54.0	54.2	54.4	55.3	54.6	54.5	54.4	56.7	57.2	59.2	58.6	56.7	56.5	56.2	55.9	55.9	55.7	55.7	55.4	55.6	59.8	53.6
„ 20,.....	55.7	55.5	55.7	55.4	55.4	55.4	55.6	56.4	57.3	57.8	58.3	59.8	59.4	60.4	60.5	61.4	61.2	59.6	58.3	57.7	58.1	58.4	58.8	59.3	58.0	62.4	55.4
„ 21,.....	59.8	60.1	60.2	60.3	60.6	61.0	61.8	62.5	66.6	66.6	67.2	67.5	66.4	66.4	65.6	64.4	63.4	62.4	61.4	61.3	61.9	61.4	61.6	61.9	63.0	68.6	58.4
„ 22,.....	62.8	63.1	63.6	63.9	63.4	63.0	63.3	64.3	66.3	67.4	67.6	68.8	66.4	67.3	66.4	65.6	65.6	64.6	64.6	64.6	64.0	63.4	63.2	62.7	64.8	69.1	61.4
„ 23,.....	62.4	63.0	62.8	62.9	63.7	63.6	64.4	65.4	65.2	65.4	68.1	67.9	72.2	71.4	73.0	71.4	70.4	66.9	65.9	65.3	65.9	65.5	66.0	64.3	66.4	73.0	61.4
„ 24,.....	64.1	64.1	63.7	63.1	62.2	61.9	60.6	66.2	67.8	71.2	72.2	73.4	75.6	77.0	75.4	78.0	70.8	65.6	63.1	62.4	61.5	60.9	60.8	60.7	66.8	79.0	60.6
„ 25,.....	60.9	61.4	61.9	61.7	61.5	61.2	61.3	61.4	62.1	63.3	64.6	65.4	64.6	64.7	65.2	64.5	63.5	63.4	62.5	62.6	62.5	63.4	63.2	63.3	62.9	65.4	60.4
„ 26,.....	63.1	63.3	63.7	63.8	63.8	63.3	63.5	64.4	68.2	68.6	67.9	69.8	71.2	75.4	76.4	74.8	70.5	70.5	69.1	68.4	66.9	67.4	66.9	66.7	67.8	77.4	62.5
„ 27,.....	66.3	66.3	65.9	65.6	65.4	65.2	65.4	66.4	69.3	71.4	73.4	75.4	74.7	73.4	75.4	75.4	72.5	71.5	70.5	70.5	69.2	68.5	68.5	68.5	69.8	78.4	64.7
„ 28,.....	68.1	68.1	68.8	68.7	68.7	69.2	69.1	70.4	71.4	74.2	76.4	76.2	75.8	74.8	75.0	70.4	68.9	68.4	68.4	69.4	69.5	68.2	68.8	70.0	70.7	77.5	67.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means.	57.1	57.1	57.0	57.0	56.8	56.7	56.7	57.7	58.8	59.7	60.6	61.4	61.9	62.0	62.0	61.3	60.1	59.2	58.9	58.8	58.6	58.1	58.0	57.8	58.9	64.1	55.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF FEBRUARY, 1891.

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,...	50.1	49.9	49.2	49.8	50.3	50.2	49.3	51.3	52.0	51.8	54.0	55.4	54.3	54.5	54.6	55.2	55.4	55.3	54.8	54.9	54.8	54.5	54.6	54.2	52.9	131.6
„ 2,...	54.2	54.1	54.1	54.1	54.0	54.1	54.0	53.9	54.1	54.3	56.6	58.6	58.0	58.5	59.3	58.3	57.9	57.6	57.8	57.7	57.9	56.9	56.8	57.3	56.3	133.7
„ 3,...	57.8	57.6	58.6	57.8	57.6	57.7	57.0	58.0	58.7	58.3	58.0	59.1	58.3	58.5	58.6	58.1	57.9	58.7	59.4	59.7	59.7	59.7	59.9	59.6	58.5	121.3
„ 4....	59.7	59.7	59.7	59.7	59.8	60.0	60.0	60.4	60.6	60.8	61.5	61.6	62.4	62.5	62.5	62.4	62.7	63.2	63.5	63.8	63.8	64.7	65.0	65.3	61.9	110.8
„ 5,...	65.0	65.3	66.0	66.6	66.7	66.8	65.8	65.8	65.8	65.6	65.2	66.5	67.5	66.7	66.5	67.1	66.7	66.8	67.4	67.8	61.8	60.4	58.8	57.6	65.3	116.9
„ 6,...	58.2	58.8	58.1	57.3	56.6	54.8	54.5	54.4	54.3	55.0	54.7	53.6	54.0	54.3	55.5	54.0	53.0	52.8	53.2	52.8	52.5	52.0	51.2	50.7	54.4	71.8
„ 7,...	50.2	50.4	50.2	49.3	48.6	48.6	48.7	48.8	49.7	50.8	50.0	51.4	51.1	50.9	50.2	48.8	48.8	48.2	48.7	48.6	48.7	48.0	47.7	47.8	49.3	71.7
„ 8,...	48.6	47.6	47.7	46.7	46.9	46.4	46.4	46.3	45.8	46.0	46.4	48.1	46.8	47.7	46.8	46.7	47.9	47.0	46.0	46.1	46.6	49.7	48.6	48.0	47.1	69.6
„ 9,...	47.2	47.0	46.5	46.2	46.3	46.4	45.7	45.5	45.5	45.4	45.3	45.5	45.7	46.3	45.8	45.2	44.1	43.0	43.7	44.0	43.9	45.0	45.4	45.4	45.4	66.4
„ 10,...	44.7	44.7	44.5	44.2	43.8	43.7	43.5	43.6	43.6	44.0	44.4	44.8	45.2	44.7	45.0	44.5	44.3	43.5	43.4	43.6	43.6	43.8	43.5	43.2	44.1	66.2
„ 11,...	42.6	42.4	41.8	41.6	41.0	40.6	41.5	41.3	42.2	43.5	43.8	44.0	44.9	44.4	43.2	42.5	42.4	41.9	41.8	41.6	41.1	41.0	40.9	40.9	42.2	72.0
„ 12,...	40.0	39.8	39.8	38.7	38.7	38.6	38.7	39.7	40.4	41.2	42.6	43.7	44.2	44.6	44.7	44.7	41.9	41.7	41.5	41.7	41.5	41.7	41.4	41.9	41.4	89.2
„ 13,...	42.6	42.1	42.1	41.6	42.6	43.3	40.7	41.4	42.8	45.3	45.5	47.5	46.0	46.3	48.7	47.7	46.0	44.5	45.4	44.7	43.8	43.6	43.0	42.9	44.2	116.3
„ 14,...	42.3	41.8	41.5	41.9	41.2	40.9	40.4	41.8	42.4	43.9	46.5	47.2	48.5	47.7	46.9	47.6	46.6	46.1	46.8	47.1	47.9	47.8	48.2	48.4	45.1	116.1
„ 15,...	48.7	48.9	50.2	50.0	50.3	49.8	49.7	50.7	50.9	51.4	51.9	52.6	51.4	51.9	51.7	51.5	51.3	51.1	51.8	51.8	51.8	51.3	51.1	51.8	51.0	116.3
„ 16,...	51.6	51.8	52.0	53.0	53.0	53.1	53.7	54.7	54.7	55.3	55.7	54.2	55.5	54.9	56.3	56.0	55.0	53.8	54.4	53.5	53.0	52.7	52.9	53.6	53.9	125.5
„ 17,...	54.5	55.1	55.5	54.8	54.7	53.9	54.7	55.0	55.3	56.1	56.4	56.0	56.5	56.1	56.7	54.9	56.1	55.9	55.7	55.2	55.1	55.0	54.8	54.7	55.4	118.4
„ 18,...	50.3	49.7	49.6	49.8	49.2	48.7	49.0	49.6	49.6	49.8	50.3	51.9	51.8	52.4	52.5	51.9	51.7	51.2	51.5	51.8	51.9	51.9	51.8	51.5	50.8	115.2
„ 19,...	51.6	51.5	51.4	50.7	50.0	49.1	49.7	49.7	50.1	51.0	50.3	50.8	51.9	52.7	54.3	53.7	52.7	53.2	52.9	53.0	53.4	53.4	53.2	53.1	51.8	115.0
„ 20,...	53.0	52.6	52.5	52.5	52.5	52.9	53.0	54.0	54.5	55.1	55.4	56.7	56.1	56.5	55.7	56.7	56.0	56.4	55.6	55.2	55.0	55.2	55.4	55.4	54.7	125.5
„ 21,...	56.2	56.7	56.9	56.7	56.6	56.4	56.3	56.9	58.7	58.9	60.1	60.1	59.7	59.7	59.5	58.5	58.7	59.6	59.5	59.7	60.7	61.0	61.2	61.5	58.7	124.2
„ 22,...	62.2	62.2	62.5	62.5	62.1	61.7	62.0	62.5	63.6	64.1	64.0	64.5	63.1	64.3	63.5	63.0	62.9	62.5	62.5	62.6	62.6	62.2	62.4	61.8	62.8	118.7
„ 23,...	61.2	62.1	61.9	62.4	62.9	63.0	63.5	64.4	63.6	63.7	64.8	65.0	67.4	67.3	67.6	66.7	66.2	65.0	64.7	64.6	64.8	64.7	65.0	63.8	64.4	134.9
„ 24,...	63.7	63.6	63.2	62.7	62.0	61.1	60.4	64.6	65.0	67.2	66.5	66.7	67.3	67.7	67.3	68.1	66.7	64.1	61.8	61.8	61.5	60.5	60.1	60.0	63.9	136.0
„ 25,...	60.3	60.8	61.0	60.9	60.7	60.6	60.4	60.0	60.2	60.8	61.2	61.3	60.7	60.7	61.1	60.6	60.5	60.2	60.5	60.8	60.8	61.7	61.9	62.2	60.8	113.7
„ 26,...	61.9	62.3	62.6	62.8	62.9	62.3	62.7	63.3	65.4	65.4	65.1	66.1	66.7	66.5	67.1	66.5	65.8	65.8	65.4	64.9	64.9	65.7	65.2	65.5	64.7	128.5
„ 27,...	64.9	65.2	65.5	64.9	65.0	64.9	65.1	65.7	67.6	68.5	69.5	69.2	70.0	69.0	69.4	69.3	68.2	68.3	67.9	68.0	67.2	67.8	67.7	67.6	67.4	132.8
„ 28,...	67.1	67.4	67.5	67.3	67.6	67.6	67.5	67.9	68.2	69.4	69.0	69.7	70.1	70.0	70.0	68.0	67.8	67.6	67.5	67.8	67.9	67.2	68.2	68.4	68.2	123.6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	53.9	54.0	54.0	53.8	53.7	53.5	53.3	54.0	54.5	55.1	55.5	56.1	56.3	56.3	56.5	56.0	55.5	55.2	55.2	55.2	54.9	55.0	54.9	54.8	54.9	110.1

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF FEBRUARY, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	79	0.390	Feb. 1,.....	68	0.332
2 „	80	.393	„ 2,.....	74	.394
3 „	80	.394	„ 3,.....	87	.466
4 „	79	.388	„ 4,.....	96	.547
5 „	80	.388	„ 5,.....	94	.610
6 „	79	.383	„ 6,.....	81	.385
7 „	77	.378	„ 7,.....	79	.313
8 „	76	.385	„ 8,.....	80	.288
9 „	74	.384	„ 9,.....	74	.259
10 „	72	.389	„ 10,.....	68	.233
11 „	70	.390	„ 11,.....	57	.193
Noon.	69	.397	„ 12,.....	41	.150
1 p	68	.397	„ 13,.....	39	.162
2 „	67	.395	„ 14,.....	43	.184
3 „	68	.400	„ 15,.....	68	.307
4 „	69	.395	„ 16,.....	66	.338
5 „	72	.397	„ 17,.....	75	.384
6 „	75	.399	„ 18,.....	71	.313
7 „	77	.403	„ 19,.....	76	.337
8 „	78	.405	„ 20,.....	80	.385
9 „	77	.399	„ 21,.....	76	.439
10 „	80	.408	„ 22,.....	89	.546
11 „	80	.406	„ 23,.....	89	.579
Midt.	80	.406	„ 24,.....	85	.557
			„ 25,.....	89	.506
			„ 26,.....	84	.571
			„ 27,.....	87	.640
			„ 28,.....	88	.658
			.....	...	...
			.....	...	...
			.....	...	...
Means,.....	75	0.395	Means.	75	0.395

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.
1891.														
February 1,.....	...	0.6	1.0	1.0	1.0	1.0	0.7	...	0.1	...	...	...	...	5.4
„ 2,.....	...	...	...	...	...	0.1	1.0	1.0	0.2	...	...	...	...	2.8
„ 3,.....	...	...	0.7	0.6	...	...	0.1	0.4	0.1	...	...	...	...	1.9
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 5,.....	...	...	...	...	...	0.6	...	0.3	...	...	...	...	...	0.9
„ 6, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 13,.....	...	...	...	...	...	0.2	1.0	1.0	1.0	1.0	1.0	0.7	...	5.9
„ 14,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.1
„ 15,.....	...	0.5	0.9	...	...	0.1	1.0	0.3	...	...	...	...	...	2.8
„ 16,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.2	...	9.2
„ 17,.....	...	0.1	...	0.1	0.2	0.9	0.7	0.3	...	0.7	0.4	...	...	3.4
„ 18,.....	...	...	...	...	...	...	...	0.1	0.2	0.1	0.1	...	...	0.5
„ 19,.....	...	...	...	...	...	...	0.1	0.1	0.3	0.7	...	...	...	1.2
„ 20,.....	...	...	...	...	...	...	...	0.4	0.2	...	0.2	0.6	...	1.4
„ 21,.....	...	...	0.2	0.5	0.4	0.6	0.1	0.5	0.9	0.9	0.9	0.4	...	5.4
„ 22,.....	...	0.3	0.5	0.2	...	...	...	...	...	...	...	...	...	1.0
„ 23,.....	...	...	...	...	...	...	...	0.1	0.8	1.0	0.7	0.6	...	3.2
„ 24,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.1
„ 25,.....	...	...	...	...	0.1	...	...	...	...	...	...	...	...	0.1
„ 26,.....	...	...	...	...	...	...	0.2	0.9	1.0	0.5	0.4	...	...	3.0
„ 27,.....	...	...	...	0.1	0.1	0.5	1.0	0.1	0.6	0.4	0.5	...	...	3.3
„ 28,.....	...	...	0.4	0.5	0.7	0.2	0.8	0.1	0.2	0.1	...	...	...	3.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	2.9	6.7	6.0	5.5	7.2	9.7	8.6	8.3	8.3	7.2	3.7	...	74.1

TABLE VI.

RAINFALL FOR THE MONTH OF FEBRUARY, 1891.

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,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.015	0.005	0.025	0.055	6	0.18
„ 4,.....	0.010	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	13	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1	0.13
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.100	...	...	...	0.030	...	...	...	0.130	1	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,.....	...	...	...	...	...	...	...	...	...	0.010	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.025	2	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.010	0.020	...	...	...	...	...	...	0.005	0.010	0.010	0.005	...	...	...	...	0.100	...	...	...	0.040	0.015	0.005	0.025	0.245	25	0.31

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 FEBRUARY, 1891.

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,	32	9	32	5	32	8	...	1	32	6	6	8	2	6	6	14	6	11	8	18	8	21	8	21	7	22	6	23	6	21	7	26	7	27	7	23	7	23	7	27	7	30	7	35	7	36	7	34	455	19.0	7
" 2,	7	27	6	20	6	20	7	28	7	27	6	25	6	22	4	14	5	11	4	9	7	9	4	10	9	11	10	15	10	13	9	14	8	16	7	12	8	9	8	11	7	13	4	15	4	16	7	21	388	16.2	7
" 3,	7	23	7	18	6	13	7	19	7	22	8	25	7	23	8	18	8	24	7	21	7	23	7	20	7	22	7	22	7	24	7	24	7	21	8	20	8	20	8	25	8	26	8	25	8	25	8	25	528	22.0	7
" 4,	7	20	8	21	8	28	8	31	8	30	8	25	8	28	8	33	7	29	7	25	8	27	8	28	8	24	10	21	9	24	8	22	8	22	8	18	8	19	9	17	9	18	9	19	8	16	4	13	558	23.2	8
" 5,	6	9	7	8	8	6	7	10	6	10	6	10	7	18	7	15	8	18	7	15	8	22	7	18	7	14	7	12	7	11	7	7	8	6	6	7	6	7	24	11	26	21	26	16	27	18	27	21	310	12.9	5
" 6,	27	19	26	10	30	9	1	3	24	4	32	5	32	7	32	4	31	4	30	4	9	12	6	9	31	3	2	3	...	1	3	2	1	6	1	4	3	8	1	7	32	8	32	8	32	10	32	8	158	6.6	32
" 7,	1	9	32	10	29	4	32	12	32	12	32	7	32	10	32	6	3	4	2	4	30	7	3	5	2	4	1	6	32	10	32	11	1	10	32	4	4	2	6	2	31	3	2	8	1	11	2	10	171	7.1	1
" 8,	32	6	32	7	3	7	2	13	2	5	3	4	2	4	2	9	32	10	2	10	2	10	32	6	2	9	32	12	1	11	2	12	3	5	3	6	2	6	2	9	2	6	32	6	32	7	32	7	187	7.8	2
" 9,	1	8	1	7	32	8	1	10	32	8	32	6	32	6	32	7	32	8	32	10	32	11	32	11	32	11	32	11	32	9	32	10	32	11	32	12	1	12	32	7	32	9	2	8	2	7	1	7	214	8.9	32
" 10,	32	9	32	13	32	12	32	13	32	14	32	16	32	13	32	10	32	17	32	19	1	13	32	9	32	9	32	10	32	12	2	12	32	12	32	11	32	13	32	14	1	12	32	11	32	10	32	15	299	12.5	32
" 11,	1	20	32	23	2	17	2	22	3	13	2	18	1	14	2	10	1	9	32	9	32	7	32	8	2	8	32	9	32	12	32	11	32	10	32	13	32	13	32	12	2	11	1	12	32	15	32	14	310	12.9	1
" 12,	1	14	1	9	2	11	1	7	32	17	32	19	1	11	32	11	1	11	1	10	3	5	32	6	1	7	1	7	3	6	1	7	32	8	32	10	32	9	1	8	1	7	1	7	1	10	32	10	227	9.5	1
" 13,	32	10	1	13	32	12	2	10	2	10	2	11	1	14	1	13	3	8	31	5	30	3	24	8	24	9	21	7	24	8	25	5	28	12	32	5	28	6	28	4	1	5	31	5	2	10	2	6	199	8.3	31
" 14,	1	7	1	10	1	17	2	9	2	16	1	18	1	17	2	17	1	20	1	11	9	12	11	14	9	16	9	20	9	17	8	18	8	16	8	14	8	10	7	7	8	9	8	8	9	7	9	2	312	13.0	5
" 15,	...	1	8	8	7	10	4	11	6	10	7	12	7	16	7	20	7	20	7	22	7	20	9	17	9	18	9	17	8	15	8	16	8	13	8	6	8	3	...	0	...	1	8	3	9	4	9	7	270	11.3	8
" 16,	8	12	9	17	9	20	8	19	8	16	8	15	8	16	8	15	8	16	8	16	8	16	9	19	8	15	10	13	9	15	8	14	8	17	9	16	8	15	10	15	10	7	10	3	...	0	...	1	328	13.7	8
" 17,	9	2	12	7	11	9	9	14	8	18	7	18	7	23	7	30	7	30	8	30	8	35	8	29	7	29	7	30	7	26	7	26	7	24	7	23	7	21	7	20	8	24	7	20	8	13	7	10	511	21.3	7
" 18,	32	18	32	20	1	14	1	5	1	8	32	10	1	7	3	7	3	7	5	8	1	7	7	12	9	17	8	20	8	18	10	17	8	18	8	15	8	13	8	13	8	14	7	18	7	20	7	25	331	13.8	6
" 19,	8	22	7	22	7	24	7	32	7	32	7	27	7	23	5	14	5	14	7	22	7	25	6	17	7	16	8	18	10	13	10	14	11	12	10	9	8	13	8	15	8	15	8	14	8	14	7	15	442	18.4	7
" 20,	7	15	6	14	7	15	8	20	7	20	7	24	8	25	8	26	7	22	8	17	7	17	8	19	8	19	8	20	8	17	5	12	7	16	8	14	6	8	7	12	8	11	12	6	9	4	9	2	375	15.6	7
" 21,	11	7	8	13	9	14	8	16	9	12	9	14	9	18	9	17	9	21	8	22	8	22	8	19	9	22	8	24	8	24	8	26	8	24	8	23	8	20	8	17	6	12	8	11	8	14	8	5	417	17.4	8
" 22,	8	2	12	2	5	4	5	3	6	7	7	13	8	15	8	12	8	10	8	10	8	15	8	15	8	14	8	11	8	12	8	10	6	8	7	5	7	6	7	4	7	3	7	2	7	2	...	0	185	7.7	8
" 23,	...	1	...	1	...	1	...	1	...	0	...	1	14	2	6	6	6	7	7	5	23	2	26	7	26	8	28	8	29	6	29	4	28	4	28	5	30	5	29	8	31	4	...	1	22	2	27	4	93	3.9	29
" 24,	27	3	...	1	...	1	17	2	24	2	...	1	...	1	...	0	...	0	21	4	27	8	29	10	25	12	24	11	25	11	23	6	29	10	8	22	8	22	8	24	8	28	8	25	8	23	8	25	252	10.5	7
" 25,	8	22	8	17	10	19	8	20	8	20	8	21	8	27	8	27	8	30	8	29	8	36	8	31	8	30	8	26	8	25	8	19	8	20	8	20	8	21	9	19	8	18	8	17	7	17	6	12	543	22.6	8
" 26,	9	9	5	6	6	7	9	8	7	3	29	3	...	0	...	1	2	2	6	8	8	14	7	12	8	7	8	11	16	7	16	6	15	6	15	4	15	3	15	2	10	4	9	2	...	1	21	2	128	5.3	9
" 27,	32	2	9	3	10	4	9	4	5	5	8	3	9	2	9	2	30	3	30	6	26	9	20	13	28	11	24	10	24	8	19	12	18	2	29	3	17	5	15	6	...	1	24	3	27	3	29	2	122	5.1	23
" 28,	...	1	29	3	3	3	13	5	13	4	13	2	...	0	13	3	16	4	19	5	16	10	16	8	12	7	16	10	15	10	12	8	8	9	8	11	8	15	8	11	11	14	8	10	8	10	10	11	174	7.2	11
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Sums,	...	307	...	308	...	317	...	348	...	351	...	361	...	368	...	361	...	370	...	374	...	418	...	401	...	394	...	407	...	386	...	371	...	365	...	335	...	327	...	327	...	334	...	318	...	325	...	314	8487	353.6	...
Means,	...	11.0	...	11.0	...	11.3	...	12.4	...	12.5	...	12.9	...	13.1	...	12.9	...	13.2	...	13.4	...	14.9	...	14.3	...	14.1	...	14.5	...	13.8	...	13.2	...	13.0	...	12.0	...	11.7	...	11.7	...	11.9	...	11.4	...	11.6	...	11.2	303.1	12.6	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR FEBRUARY, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.13	6.39	0.21	0.71	+4.92	+ 5.68	E 41° N
2 „	5.39	6.36	0.36	0.39	5.03	5.97	E 40° N
3 „	5.14	7.46	0.79	0.21	4.35	7.25	E 31° N
4 „	4.57	9.24	0.43	0.00	4.14	9.24	E 24° N
5 „	4.93	8.91	0.18	0.21	4.75	8.70	E 29° N
6 „	5.29	9.04	0.18	0.07	5.11	8.97	E 30° N
7 „	4.96	9.71	0.21	0.00	4.75	9.71	E 26° N
8 „	4.64	9.93	0.18	0.00	4.46	9.93	E 24° N
9 „	5.00	9.82	0.29	0.07	4.71	9.75	E 26° N
10 „	4.34	10.00	0.21	0.39	4.13	9.61	E 23° N
11 „	3.14	12.02	0.50	0.71	2.64	11.31	E 13° N
Noon.	3.04	10.93	1.14	1.04	1.90	9.89	E 11° N
1 p.	2.96	11.07	0.75	1.32	2.21	9.75	E 13° N
2 „	3.04	10.75	1.43	1.18	1.61	9.57	E 10° N
3 „	3.07	9.96	1.37	1.11	1.70	8.85	E 11° N
4 „	3.21	9.89	1.39	0.71	1.82	9.18	E 11° N
5 „	3.57	9.71	0.54	0.64	3.03	9.07	E 18° N
6 „	3.05	9.36	0.39	0.21	2.66	9.15	E 16° N
7 „	2.96	9.07	0.29	0.25	2.67	8.82	E 17° N
8 „	2.82	8.75	0.75	0.68	2.07	8.07	E 14° N
9 „	3.07	8.93	0.61	0.79	2.46	8.19	E 17° N
10 „	3.37	8.39	0.32	0.68	3.05	7.71	E 22° N
11 „	4.11	8.07	0.14	0.68	3.97	7.39	E 28° N
Midt.	4.50	7.37	0.21	0.85	+4.29	+ 6.52	E 33° N
Means, ...	3.97	9.22	0.54	0.54	+3.43	+ 8.68	E 22° 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.
1891.														
Feb. 1	28.25	28.17	28.17	54	54	52	55	50	ENE	4	E	5	E	5
„ 2	.29	.18	.16	51	58	56	59	51	ENE	5	E	2	N	4
„ 3	.16	.04	.06	54	56	54	60	54	E	4	E	4	ESE	5
„ 4	.06	.00	.00	57	62	62	64	54	SE	4	SE	5	SE	5
„ 5	.09	.05	.08	65	68	64	68	62	SW	4	SW	4	SW	3
„ 6	.17	.15	.18	56	53	50	64	50	NW	4	ENE	4	ENE	3
„ 7	.30	.26	.29	49	49	47	50	45	ENE	4	ENE	4	NE	3
„ 8	.38	.36	.37	47	46	44	47	44	NNE	4	NNE	4	ENE	4
„ 9	.35	.34	.37	44	44	42	46	41	NNE	4	NNE	4	N	4
„ 10	.42	.43	.46	41	43	41	43	39	NNE	4	NNE	4	NNE	4
„ 11	.52	.45	.48	42	44	40	44	39	NE	3	NE	2	NE	3
„ 12	.52	.44	.47	42	46	42	46	40	NNE	3	NNE	2	NNE	3
„ 13	.52	.43	.45	45	51	42	52	41	NNE	3	NNW	2	NW	4
„ 14	.49	.41	.40	48	53	49	53	42	NE	4	ENE	2	NNE	4
„ 15	.42	.34	.37	50	54	51	54	47	E	4	E	3	E	3
„ 16	.37	.29	.32	56	60	57	61	50	E	3	E	2	E	3
„ 17	.36	.32	.36	54	55	51	57	51	E	5	E	5	E	3
„ 18	.40	.37	.36	49	51	49	54	46	ENE	3	E	3	E	5
„ 19	.35	.27	.30	47	51	50	51	46	E	5	E	3	E	4
„ 20	.33	.28	.30	50	53	52	54	50	E	4	E	4	E	3
„ 21	.31	.25	.23	59	62	59	65	52	ESE	2	E	3	E	4
„ 22	.31	.24	.23	62	63	62	65	59	SE	2	SE	2	SE	4
„ 23	.25	.19	.20	62	65	61	66	59	SW	3	SW	3	SW	3
„ 24	.22	.17	.21	67	68	64	70	61	SW	3	SW	4	SE	3
„ 25	.24	.23	.21	60	64	62	64	59	SE	3	E	3	E	3
„ 26	.24	.15	.16	64	66	64	67	62	SE	3	SW	4	SW	4
„ 27	.09	.06	.04	66	66	64	66	64	SW	4	SW	5	SW	4
„ 28	.12	.04	.05	66	66	65	67	63	SW	4	S	5	S	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	28.305	28.247	28.260	53.8	56.1	53.4	57.6	50.7	E 10° N	3.6	E 7° 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
1891.												
Feb. 1, ...	10	sm-cum.	SW	10	cum.	...	0	...	..	0	...	...
„ 2, ...	10	cum.	...	10	cum.	...	10	str-cum.	ENE	10	str./cum.	ENE
„ 3, ...	10	cum-nim.	...	10	cum.	...	10	sm-cum./cum.	E	10	str./cum.	E
„ 4, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	nim.	E
„ 5, ...	10	cum.	...	10	cum.	...	9	cum.	SSW	10	cum.	SSW
„ 6, ...	10	cum-nim.	...	10	cum.	...	10	cum./R-cum.	SW/..	10	str.	...
„ 7, ...	10	cum.	...	10	cum.	...	10	str.	ENE	10	str.	...
„ 8, ...	10	cum-nim.	...	10	cum.	...	10	str./R-cum.	...	10	str./cum.	...
„ 9, ...	10	cum.	...	10	cum-nim.	...	10	str./cum.	E	10	str./cum.	NE
„ 10, ...	10	cum.	...	10	cum-nim.	...	10	str./cum.	NE	10	str./cum.	NE
„ 11, ...	10	cum.	...	10	cum.	...	10	str./R-cum.	...	10	str.	...
„ 12, ...	10	cum.	...	10	cum.	...	10	str./R-cum.	...	10	str.	...
„ 13, ...	10	cum.	...	10	cum.	...	10	sm-cum.	NW	10	sm-cum.	NW
„ 14, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 15, ...	0	...	...	6	cum.	...	2	sm-cum.	WNW	10	sm-cum.	W
„ 16, ...	0	...	...	0	...	...	1	sm-cum.	...	0	...	...
„ 17, ...	0	...	...	2	sm-cum.	W	7	sm-cum.	W	9	sm-cum.	W
„ 18, ...	10	cum.	...	10	cum.	...	10	str./cum.	ENE	10	str./cum.	ENE
„ 19, ...	10	cum.	E	10	cum.	...	10	str.	...	10	nim.	...
„ 20, ...	10	cum.	E	10	cum.	...	10	cum.	SE	10	str.	...
„ 21, ...	10	cum.	...	10	cum.	...	10	sm-cum./cum.	SW/SSW	9	sm-cum.	WSW
„ 22, ...	10	cum.	...	10	cum.	...	5	c-cum./cum.	W/SE	10	sm-cum./cum.	WSW/ESE
„ 23, ...	0	...	...	6	cum.	WSW	10	cum.	WSW	10	str./cum.	WSW
„ 24, ...	0	...	...	0	...	...	10	fog.	...	1	sm-cum.	...
„ 25, ...	10	cum.	E	10	cum.	E	10	str.	E	10	cum.	E
„ 26, ...	10	sm-cum.	SSW	10	cum.	...	10	cum.	...	10	sm-cum.	SSW
„ 27, ...	9	cum.	SW	10	cum.	SW	9	cum.	SW	9	sm-cum./cum.	WSW/SW
„ 28, ...	10	cum.	SW	10	cum.	SW	10	cum.	SSW	8	sm-cum./cum.	S
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.8	...	...	8.4	...	...	8.3	...	...	8.5	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
Feb. 1,...	10	cum.	E	10	str-cum.	E	10	str./cum.	E	10	cum-nim.	E	7.5
„ 2,...	1	sm-cum.	W	10	str-cum.	E	10	cum-nim.	...	10	cum-nim.	...	8.9
„ 3,...	10	cum.	E	10	cum.	E	10	nim.	...	10	nim.	...	10.0
„ 4,...	10	nim.	E	10	cum-nim.	E	9	cum-nim.	E	9	cum-nim.	E	9.7
„ 5,...	10	cum.	SSW	10	cum.	SSW	10	cum-nim.	...	10	cum-nim.	...	9.9
„ 6,...	10	str.	...	10	cum.	NE	10	cum-nim.	NE	10	cum-nim.	...	10.0
„ 7,...	10	str./cum.	ENE	10	str.	...	10	str.	...	10	str.	...	10.0
„ 8,...	10	str./cum.	ENE	10	str.	...	10	str.	...	10	str.	...	10.0
„ 9,...	10	str./cum.	NE	10	str./cum.	NE	10	str.	...	10	str.	...	10.0
„ 10,...	10	str./cum.	NE	10	str.	...	10	str.	...	10	str.	...	10.0
„ 11,...	10	str.	...	10	str.	...	10	str.	...	10	str.	...	10.0
„ 12,...	10	str./cum.	NNE	10	sm-cum.	W	10	str.	...	10	str.	...	10.0
„ 13,...	0	...	...	0	...	...	6	c-cum.	WNW	0	...	...	5.8
„ 14,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 15,...	9	sm-cum.	W	10	sm-cum.	W	9	sm-cum.	W	0	...	...	5.7
„ 16,...	2	sm-cum.	WNW	1	sm-cum.	W	8	sm-cum.	W	4	sm-cum.	WSW	2.0
„ 17,...	9	sm-cum.	W	1	sm-cum.	...	10	cum.	W	10	cum-nim.	W	6.0
„ 18,...	10	sm-cum./cum.	W/ENE	10	sm-cum./cum.	W/ENE	10	cum.	E	10	cum.	E	10.0
„ 19,...	10	sm-cum./cum.	WSW/E	10	sm-cum.	WSW	10	cum.	E	10	cum.	E	10.0
„ 20,...	9	sm-cum./str.	...	10	sm-cum./cum.	E	0	...	...	10	str.	...	8.6
„ 21,...	9	sm-cum.	WSW	7	sm-cum.	WSW	4	c-str./sm-cum.	WSW	10	c-str.	...	8.6
„ 22,...	10	sm-cum./cum.	WSW/ESE	10	str./cum.	ESE	10	sm-cum.	WSW	0	...	...	8.1
„ 23,...	10	sm-cum.	W	3	sm-cum.	W	0	...	...	9	sm-cum.	WSW	6.0
„ 24,...	2	sm-cum.	W	0	...	...	9	cum-nim.	E	10	str.	E	4.0
„ 25,...	10	sm-cum.	WSW	10	sm-cum.	WSW	1	sm-cum.	WSW	1	c./sm-cum.	SW	7.8
„ 26,...	8	sm-cum./cum.	SSW/SE	9	sm-cum./cum.	SSW/S	4	sm-cum.	WSW	9	sm-cum.	SW	8.7
„ 27,...	10	cum.	SW	6	sm-cum./cum.	WSW/SW	9	cum.	W	10	cum.	SW	9.0
„ 28,...	9	cum.	S	10	cum.	S	9	cum.	S	7	cum.	S	9.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.1	...	...	7.8	...	...	7.8	...	...	7.8	...	...	8.1

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MARCH, 1891.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Mar. 1,...	29.783	29.788	29.790	29.790	29.792	29.809	29.820	29.845	29.861	29.864	29.851	29.822	29.804	29.779	29.759	29.757	29.770	29.785	29.808	29.821	29.839	29.848	29.862	29.856	29.813
" 2,...	.854	.849	.846	.842	.847	.853	.885	.904	.934	.937	.928	.926	.893	.871	.846	.848	.856	.853	.875	.890	.903	.930	.925	.928	.884
" 3,...	.928	.921	.921	.918	.927	.953	.976	.997	30.020	30.024	30.019	.993	.971	.953	.947	.949	.958	.968	.985	.999	30.010	30.021	30.014	.996	.974
" 4,...	.984	.977	.962	.961	.972	.992	30.018	30.027	.050	.051	.047	30.018	.996	.982	.965	.958	.970	.977	30.013	30.026	.039	.033	.036	30.036	30.003
" 5,...	30.025	30.001	.996	.986	.991	30.018	.046	.070	.095	.094	.079	.053	30.030	30.016	30.014	30.011	30.014	30.027	.034	.043	.044	.058	.053	.045	.035
" 6,...	.036	.029	30.020	30.011	30.018	.033	.054	.076	.089	.092	.092	.071	.047	.015	29.993	29.984	29.990	.007	.022	.045	.060	.072	.076	.066	.042
" 7,...	.052	.030	.015	.001	.001	.016	.029	.033	.065	.063	.056	.010	29.972	29.929	.922	.909	.904	29.916	29.922	29.916	29.917	29.920	29.929	29.922	29.977
" 8,...	29.914	29.884	29.899	29.916	29.897	29.918	29.913	29.905	29.936	29.937	29.898	29.876	.865	.845	.823	.829	.830	.829	.840	.857	.878	.890	.895	.902	.882
" 9,...	.887	.877	.854	.864	.867	.897	.920	.950	.983	.994	.999	.971	.962	.938	.937	.947	.954	.963	.990	30.012	30.040	30.058	30.060	30.059	.958
" 10,...	30.042	30.034	30.028	30.025	30.022	30.048	30.069	30.133	30.127	30.142	30.142	30.121	30.086	30.073	30.066	30.053	30.046	30.050	30.081	.075	.113	.115	.097	.105	30.079
" 11,...	.083	.080	.061	.028	.051	.074	.088	.106	.111	.122	.114	.090	.059	.054	.066	.052	.049	.057	.059	.094	.107	.116	.120	.062	.079
" 12,...	.097	.067	.057	.050	.060	.105	.120	.144	.141	.140	.131	.110	.083	.052	.024	.026	.022	.010	.058	.081	.093	.109	.106	.079	.082
" 13,...	.060	.039	.019	.017	.027	.049	.077	.130	.086	.133	.132	.106	.076	.057	.047	.032	.028	.026	.026	.045	.047	.055	.052	.037	.058
" 14,...	.037	.012	29.999	29.996	29.999	.000	.014	.030	.047	.049	.041	.006	29.973	29.949	29.938	29.932	29.940	29.932	29.942	29.934	29.962	29.967	29.948	29.941	29.983
" 15,...	29.908	29.905	.904	.878	.841	29.864	29.879	29.865	29.851	29.866	29.845	29.818	.795	.761	.716	.712	.720	.720	.727	.728	.739	.733	.743	.723	.802
" 16,...	.692	.653	.653	.648	.644	.645	.674	.691	.720	.728	.739	.700	.677	.678	.667	.697	.735	.752	.807	.838	.915	.901	.944	.974	.741
" 17,...	.941	.938	.962	.921	.969	.981	30.017	30.039	30.031	30.035	30.036	30.034	30.030	30.011	30.003	30.006	30.010	30.014	30.037	30.049	30.066	30.086	30.088	30.078	30.016
" 18,...	30.053	30.044	30.034	30.033	30.040	30.058	.076	.087	.099	.096	.092	.049	.034	.004	29.973	29.966	29.972	29.956	29.988	29.999	.004	.000	29.990	29.970	.026
" 19,...	29.963	29.942	29.940	29.930	29.926	29.918	29.941	29.948	29.954	29.957	29.954	29.930	29.900	29.862	.846	.838	.827	.844	.851	.861	29.881	29.893	.888	.876	29.903
" 20,...	.876	.853	.844	.821	.827	.841	.846	.868	.871	.872	.862	.841	.821	.801	.787	.776	.788	.799	.830	.846	.871	.877	.874	.875	.840
" 21,...	.867	.848	.840	.841	.852	.873	.906	.930	.965	.975	.971	.952	.921	.902	.893	.903	.909	.925	.942	.966	.985	.998	30.014	30.021	.925
" 22,...	30.006	30.003	.998	30.006	30.018	30.040	30.072	30.091	30.119	30.122	30.125	30.104	30.086	30.066	30.046	30.041	30.048	30.078	30.093	30.115	30.145	30.166	.173	.164	30.080
" 23,...	.152	.151	30.129	.126	.136	.169	.194	.221	.244	.234	.212	.187	.165	.149	.128	.126	.128	.120	.117	.125	.138	.135	.129	.137	.156
" 24,...	.125	.097	.094	.097	.108	.118	.134	.154	.145	.130	.127	.102	.061	.040	.009	.005	.005	.003	.000	.015	.027	.047	.061	.057	.073
" 25,...	.041	.023	.008	.002	.007	.028	.040	.052	.053	.061	.062	.028	29.998	29.964	29.933	29.929	29.935	29.941	29.941	29.959	29.968	29.976	29.971	29.961	29.995
" 26,...	29.960	29.943	29.923	29.918	29.925	29.934	29.943	29.956	29.966	29.965	29.955	29.926	.890	.859	.833	.811	.821	.835	.847	.866	.891	.894	.897	.880	.902
" 27,...	.865	.845	.840	.820	.835	.859	.873	.891	.900	.892	.880	.863	.828	.793	.767	.781	.790	.784	.805	.826	.836	.842	.850	.850	.838
" 28,...	.816	.819	.809	.797	.813	.828	.840	.865	.881	.884	.874	.853	.821	.794	.776	.781	* .795	.809	* .823	.834	.854	.869	.868	.862	.832
" 29,...	.857	.820	.815	.820	.826	.827	.847	.864	.872	.868	.871	.846	.820	.805	.789	.766	.756	.768	.778	.794	.807	.823	.819	.808	.819
" 30,...	.796	.774	.768	.758	.764	.769	.781	.808	.822	.819	.816	.789	.761	.743	.728	.717	.713	.728	.739	.751	.754	.771	.785	.782	.768
" 31,...	.762	.736	.728	.723	.733	.748	.761	.780	.786	.780	.779	.765	.736	.722	.719	.717	.719	.721	.734	.743	.769	.777	.774	.760	.749
Means,.....	29.950	29.935	29.928	29.921	29.927	29.944	29.963	29.983	29.994	29.998	29.991	29.966	29.941	29.918	29.902	29.899	29.903	29.910	29.926	29.940	29.958	29.967	29.969	29.962	29.946

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF MARCH, 1891.

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,	69.5	69.4	66.8	65.8	65.2	63.7	63.4	63.3	63.6	64.2	64.7	65.5	64.9	64.6	64.9	65.4	64.5	64.3	64.4	64.4	64.4	63.7	63.6	63.3	64.9	70.6	62.4
„ 2,	63.3	63.7	63.7	63.2	62.4	62.3	62.1	62.4	62.4	62.5	62.6	62.1	61.7	61.5	61.6	61.6	62.2	62.2	62.2	62.5	62.6	62.6	62.6	62.6	62.4	64.4	60.9
„ 3,	62.8	62.5	62.4	62.0	62.1	62.2	62.4	62.5	63.4	63.8	63.9	65.7	66.8	66.7	66.4	66.4	65.6	65.4	64.7	64.5	64.6	65.4	65.3	65.0	64.3	67.3	61.6
„ 4,	64.9	65.6	66.0	66.0	66.2	66.6	66.4	66.5	67.5	68.4	67.7	66.6	66.5	64.5	64.4	64.1	63.7	63.4	63.4	63.4	63.4	63.4	63.0	63.1	65.2	68.4	62.6
„ 5,	63.0	63.1	63.1	62.4	62.2	62.4	62.6	63.5	63.5	64.4	64.9	65.6	66.4	65.4	65.4	64.2	62.5	62.5	62.5	62.6	62.9	63.2	63.0	62.7	63.5	67.3	60.9
„ 6,	62.2	61.9	61.3	61.0	60.9	60.7	60.4	61.1	61.9	62.8	62.6	63.5	63.0	64.0	64.6	62.7	61.5	61.1	61.2	61.4	60.9	60.6	60.7	59.9	61.7	64.6	59.9
„ 7,	59.9	59.9	60.0	60.1	60.1	60.2	60.4	60.6	60.7	60.8	61.3	61.5	62.1	62.4	61.8	61.2	60.5	60.4	60.5	60.6	61.4	61.1	61.1	60.2	60.8	63.4	59.6
„ 8,	59.6	59.5	59.2	59.1	59.1	59.1	59.5	59.5	58.4	58.4	60.8	61.4	59.4	59.1	59.4	59.1	59.6	59.4	59.5	60.0	59.9	60.4	60.8	60.7	59.6	61.6	58.1
„ 9,	61.0	61.0	61.2	59.9	59.6	58.6	58.4	57.4	56.4	57.0	58.2	57.5	57.7	59.1	57.8	57.2	55.4	55.1	54.4	54.5	55.3	54.4	55.0	55.0	57.4	61.7	53.0
„ 10,	54.9	54.9	54.6	53.1	51.3	52.9	53.3	53.4	52.4	51.2	53.3	54.5	56.2	55.8	57.4	57.6	56.4	56.4	55.9	55.5	55.4	53.4	53.9	54.8	54.5	57.6	50.7
„ 11,	54.2	52.9	53.0	53.2	53.1	52.9	53.3	53.7	55.3	55.6	55.8	56.3	55.0	55.2	53.6	54.7	54.5	54.5	53.6	53.5	52.5	52.5	52.9	53.5	54.0	56.3	52.5
„ 12,	52.8	52.7	52.7	52.5	52.2	51.9	51.4	52.3	54.4	58.0	56.9	56.9	56.4	55.6	55.7	56.4	55.6	55.6	56.2	55.5	55.5	55.4	55.7	55.9	54.8	57.8	51.4
„ 13,	55.9	56.2	56.1	56.0	55.6	55.8	56.3	56.5	55.2	56.8	57.4	60.5	58.5	59.5	60.3	60.4	60.0	59.2	58.5	58.5	59.4	59.2	59.1	58.5	57.9	60.5	54.6
„ 14,	58.3	57.5	57.2	56.6	56.7	57.1	57.4	57.7	57.9	58.0	57.8	57.8	57.8	57.8	57.2	57.6	57.1	56.2	57.0	57.0	57.2	58.0	58.2	57.6	57.4	58.5	56.1
„ 15,	57.5	57.2	57.3	57.4	57.5	57.7	58.1	58.7	58.6	59.4	60.1	60.5	61.0	60.6	61.2	61.4	61.8	62.2	62.6	64.2	70.0	70.1	71.4	71.8	61.6	71.8	56.9
„ 16,	72.1	72.6	72.8	72.9	72.9	72.4	73.3	73.3	71.9	70.4	65.0	64.7	64.2	64.2	63.0	63.0	62.5	61.4	61.0	60.2	59.5	57.4	56.7	57.0	66.0	74.4	56.7
„ 17,	56.6	56.1	56.0	55.2	54.7	54.0	54.0	52.3	54.3	54.8	56.0	57.4	59.7	60.1	60.0	60.6	59.5	58.4	57.9	57.9	57.6	57.7	57.8	57.3	56.9	61.4	51.8
„ 18,	57.6	57.9	57.9	57.5	57.0	57.2	56.9	56.0	57.0	57.4	57.6	58.0	58.0	58.6	57.9	58.0	57.5	58.1	57.5	56.4	57.1	57.6	57.5	56.7	57.5	58.6	55.8
„ 19,	56.6	56.6	56.5	56.7	57.3	57.5	58.3	58.1	58.7	58.1	58.1	58.3	58.2	58.4	58.4	58.8	59.0	59.0	59.0	60.0	60.2	59.9	59.6	59.4	58.4	60.4	56.1
„ 20,	59.6	59.3	59.3	59.4	59.6	59.5	60.1	60.3	61.1	62.2	63.3	63.9	63.3	64.3	64.2	64.1	63.1	63.0	62.9	63.1	63.1	64.2	64.2	64.3	62.1	64.9	58.7
„ 21,	64.5	64.5	64.5	64.8	64.7	65.2	65.5	66.0	66.0	65.2	65.6	67.0	67.7	66.4	65.3	63.0	64.2	63.1	63.4	62.8	63.0	62.2	62.2	62.3	64.5	68.6	61.7
„ 22,	62.3	62.2	62.2	62.2	61.4	61.0	61.4	62.4	61.0	60.3	60.9	63.0	64.6	64.9	63.0	62.0	60.6	60.6	60.0	59.4	59.4	58.9	58.5	58.2	61.3	65.9	58.2
„ 23,	57.3	56.8	56.8	56.4	55.9	55.5	55.5	56.0	56.1	57.0	59.7	58.9	57.9	57.6	57.7	57.4	57.5	57.1	57.4	57.2	58.0	58.2	57.6	57.5	57.2	59.7	55.3
„ 24,	57.3	57.0	56.9	56.2	55.2	55.1	55.6	56.0	57.0	58.0	62.0	62.5	65.2	65.6	63.6	62.2	62.1	60.9	60.2	60.1	59.3	59.2	59.3	59.6	59.4	65.6	54.7
„ 25,	59.6	59.3	58.8	58.5	58.6	58.7	59.2	60.4	61.5	63.1	64.5	66.3	67.3	65.2	66.2	65.4	64.4	62.4	62.3	61.6	61.4	61.4	60.8	60.3	62.0	67.3	58.1
„ 26,	60.0	59.8	59.6	59.6	59.8	60.1	61.0	63.4	64.4	66.7	66.4	66.4	67.6	70.0	66.5	65.4	64.6	63.5	63.4	63.2	62.4	62.9	62.7	62.8	63.4	71.0	58.8
„ 27,	62.4	62.8	62.2	61.8	61.9	62.3	62.6	63.0	62.9	64.6	66.4	65.9	66.4	67.4	68.4	68.2	66.0	65.6	64.0	64.0	64.0	63.2	63.2	62.9	64.3	69.1	61.6
„ 28,	62.8	62.9	62.9	63.1	63.2	63.7	64.4	67.4	67.4	70.4	71.4	71.6	70.7	72.1	73.8	72.0	68.5	67.2	67.4	65.6	65.2	66.5	66.4	65.9	67.2	74.7	62.2
„ 29,	65.4	65.1	66.1	66.1	65.9	65.7	66.4	68.4	67.4	67.1	67.0	68.7	69.4	69.5	68.0	68.5	67.3	66.5	66.0	66.0	66.0	65.8	65.5	65.4	66.8	71.6	64.9
„ 30,	65.2	64.3	63.9	63.7	63.7	63.8	64.0	63.5	62.9	62.0	62.3	63.2	64.2	63.5	63.0	62.4	62.3	62.8	62.2	62.0	63.3	63.5	63.3	63.3	63.3	65.8	61.6
„ 31,	63.3	63.3	63.2	63.1	62.5	62.6	63.6	64.0	63.9	63.8	64.2	64.2	64.0	64.6	64.0	63.6	63.5	64.0	64.0	64.1	64.1	64.3	64.1	64.1	63.8	64.9	62.0
Means,	60.7	60.6	60.5	60.2	60.0	59.9	60.2	60.6	60.8	61.4	61.9	62.4	62.6	62.7	62.4	62.1	61.4	61.0	60.8	60.7	60.9	60.8	60.8	60.7	61.1	65.0	58.0

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MARCH, 1891.

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,...	67.6	67.2	66.6	64.2	64.7	63.5	62.8	62.7	63.2	63.4	63.4	63.9	63.7	63.7	63.8	63.9	63.8	63.7	63.7	63.7	63.6	63.5	63.0	62.9	64.0	119.0
„ 2,...	63.0	63.0	63.0	62.7	62.1	61.9	61.7	62.0	61.7	61.6	61.3	60.9	60.9	61.1	61.0	61.0	61.5	61.7	61.8	62.0	62.0	62.0	62.0	62.1	61.8	86.6
„ 3,...	62.1	62.0	61.8	61.8	61.8	61.9	62.1	62.2	62.7	63.0	62.6	63.7	64.4	64.0	64.0	64.3	64.2	64.2	63.9	63.8	63.8	64.4	64.5	64.4	63.2	124.4
„ 4,...	64.0	64.6	64.9	64.9	64.8	64.8	64.8	64.8	65.4	65.7	65.0	64.5	64.1	63.2	62.9	62.4	61.8	61.2	62.0	61.1	60.8	60.7	60.7	60.7	63.3	98.9
„ 5,...	60.8	60.8	61.0	60.3	59.7	59.6	59.7	60.5	60.2	60.7	61.0	61.3	61.7	61.5	61.5	61.1	60.4	60.9	60.5	60.8	60.7	61.1	60.8	60.7	60.7	124.6
„ 6,...	60.1	59.8	59.2	58.6	58.6	58.1	58.2	58.5	59.5	59.7	59.5	59.6	59.6	59.9	60.2	59.6	58.8	58.7	58.7	58.5	58.5	58.5	58.1	58.1	59.0	105.9
„ 7,...	58.1	57.9	57.8	57.7	57.8	57.3	57.6	57.7	57.7	57.8	57.9	57.7	58.1	58.3	57.4	56.7	57.2	56.2	56.5	56.8	56.8	57.7	57.9	57.6	57.5	116.6
„ 8,...	56.9	56.7	56.4	55.6	55.8	56.0	57.7	57.7	57.7	57.7	58.8	59.1	57.8	57.7	57.8	57.8	58.5	58.2	58.7	59.0	59.5	60.0	60.0	60.1	58.0	111.0
„ 9,...	60.7	60.3	58.9	58.4	57.6	57.4	56.7	56.0	54.7	53.7	53.9	53.3	53.2	54.7	53.9	52.4	51.1	50.8	50.9	50.3	51.8	50.7	49.6	48.8	54.2	73.1
„ 10,...	48.5	48.3	47.8	48.6	48.5	48.9	49.3	49.2	49.7	49.4	50.3	49.7	51.3	50.7	51.5	50.7	49.9	49.9	50.4	50.2	49.7	50.2	50.8	50.8	49.8	84.7
„ 11,...	50.9	50.3	50.6	50.6	50.2	50.4	50.5	50.7	50.8	51.5	51.5	51.7	51.7	51.7	51.6	51.7	51.8	51.8	51.7	51.8	51.3	50.9	51.4	51.9	51.2	73.9
„ 12,...	51.7	51.6	51.6	51.5	51.5	51.5	50.7	50.7	51.7	54.9	53.0	53.0	52.4	52.4	52.6	53.4	52.7	52.7	53.5	53.3	52.8	53.2	53.6	53.7	52.3	95.8
„ 13,...	53.9	53.9	54.1	54.2	54.4	55.1	54.2	53.8	52.7	53.7	54.5	55.8	53.8	54.3	53.7	52.1	52.5	52.9	52.8	54.3	54.5	54.8	54.5	54.0	53.9	98.0
„ 14,...	53.9	54.2	53.2	52.7	53.0	52.7	52.7	52.9	53.5	53.6	54.1	54.1	54.1	54.0	54.1	55.0	54.9	55.0	55.4	55.9	56.0	56.7	57.0	56.9	54.4	103.1
„ 15,...	56.9	56.8	56.7	57.0	57.0	57.2	57.5	57.8	57.9	57.8	58.9	59.5	59.1	60.0	59.9	60.4	60.7	60.9	61.7	61.8	68.8	68.5	69.3	69.9	60.3	98.3
„ 16,...	69.8	70.4	70.3	70.3	69.9	69.8	69.6	69.8	68.9	68.9	64.1	63.8	63.5	62.9	62.0	62.0	61.9	60.9	59.9	57.1	56.1	53.9	52.8	52.1	63.8	90.0
„ 17,...	51.5	50.7	50.3	48.7	49.1	48.4	48.7	48.5	49.1	49.8	51.0	50.6	53.0	53.9	53.1	53.6	52.9	51.9	52.0	51.9	53.0	53.1	52.7	53.5	51.3	98.0
„ 18,...	53.6	53.1	53.1	53.3	53.5	53.8	53.8	53.2	53.5	53.6	53.7	53.9	53.8	54.2	53.5	53.8	53.7	54.9	54.9	55.6	55.9	56.2	55.8	55.7	54.2	89.1
„ 19,...	55.7	55.8	55.7	55.7	56.3	56.3	57.2	57.7	57.9	57.8	57.8	57.9	57.8	57.9	58.0	58.0	58.0	58.1	58.9	59.0	59.4	59.0	59.1	58.8	57.7	72.3
„ 20,...	58.9	58.9	59.0	59.1	59.1	59.2	59.9	60.2	60.9	61.8	62.7	62.8	62.8	63.7	63.4	63.5	63.0	62.9	62.9	63.0	63.0	63.9	64.0	64.2	61.8	109.2
„ 21,...	64.4	64.5	64.4	64.7	64.6	64.9	65.3	65.7	65.6	63.9	63.9	64.8	65.1	64.7	63.6	61.9	63.0	62.7	62.9	62.1	62.4	61.9	61.9	61.7	63.8	109.6
„ 22,...	61.5	61.5	61.4	61.2	60.0	59.2	59.7	59.9	59.2	59.0	58.9	59.8	61.1	59.9	59.6	58.2	57.5	58.1	56.7	56.8	56.3	56.4	56.9	56.4	59.0	105.0
„ 23,...	55.8	55.4	55.8	54.9	54.9	54.7	55.0	55.2	55.4	55.6	55.4	56.0	55.7	55.5	55.8	55.0	55.2	55.0	55.4	55.1	55.1	56.0	54.9	54.7	55.3	87.0
„ 24,...	54.2	53.9	53.6	53.6	53.5	53.4	54.4	54.8	54.9	55.6	57.9	58.6	59.9	60.1	59.1	58.7	59.0	58.5	57.9	57.9	57.7	57.0	57.0	56.8	56.6	127.7
„ 25,...	57.0	56.8	56.6	56.7	56.7	56.4	57.1	57.8	58.5	59.5	59.9	60.9	61.6	60.1	61.3	61.2	60.9	59.4	59.4	59.9	59.6	59.9	59.6	59.2	59.0	123.4
„ 26,...	59.0	58.7	58.3	58.6	58.9	58.8	60.1	61.6	61.7	61.9	62.5	62.5	63.2	64.1	63.3	62.7	62.6	61.9	61.9	61.9	61.4	61.7	61.1	61.2	61.2	120.2
„ 27,...	61.1	61.1	61.3	60.9	60.9	60.8	60.4	60.8	60.9	62.1	62.9	62.8	61.9	63.0	63.9	63.9	62.2	61.8	60.8	61.1	61.1	61.1	61.0	61.1	61.6	122.3
„ 28,...	61.1	61.1	61.1	61.4	61.4	61.5	62.8	64.2	64.4	64.9	65.3	66.2	65.2	65.3	66.4	65.9	64.4	64.0	64.2	63.9	63.9	64.0	64.5	63.9	63.8	129.6
„ 29,...	63.7	63.5	64.6	64.6	64.4	63.8	62.1	62.4	62.0	60.7	63.8	61.6	62.9	63.9	63.1	64.0	63.8	63.8	63.7	63.7	63.8	63.5	63.1	62.9	63.3	133.9
„ 30,...	62.7	61.8	61.6	61.4	60.9	60.7	61.1	61.8	61.2	61.1	61.1	61.6	62.0	61.7	61.0	61.7	60.8	61.1	60.8	60.8	61.4	61.8	62.0	62.1	61.4	94.5
„ 31,...	62.4	62.3	62.0	61.8	61.9	61.8	62.9	62.8	62.9	63.0	63.5	63.7	63.5	63.9	63.3	63.6	63.5	63.9	63.9	63.9	63.8	63.9	63.7	63.7	63.2	83.8
Means,.....	58.8	58.6	58.5	58.2	58.2	58.1	58.3	58.5	58.6	58.8	59.0	59.2	59.3	59.4	59.2	59.0	58.8	58.6	58.7	58.6	58.7	58.9	58.8	58.7	58.7	103.7

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MARCH, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	88	0.477	Mar. 1,.....	95	0.585
2 „	88	.473	„ 2,.....	97	.546
3 „	88	.471	„ 3,.....	95	.566
4 „	88	.466	„ 4,.....	89	.557
5 „	89	.468	„ 5,.....	85	.495
6 „	89	.467	„ 6,.....	84	.465
7 „	89	.469	„ 7,.....	80	.431
8 „	88	.470	„ 8,.....	91	.463
9 „	87	.470	„ 9,.....	80	.379
10 „	85	.468	„ 10,.....	70	.297
11 „	83	.467	„ 11,.....	82	.341
Noon.	82	.467	„ 12,.....	84	.360
1 p	81	.467	„ 13,.....	76	.364
2 „	81	.470	„ 14,.....	81	.385
3 „	82	.467	„ 15,.....	92	.507
4 „	82	.465	„ 16,.....	88	.564
5 „	85	.468	„ 17,.....	65	.305
6 „	85	.467	„ 18,.....	79	.378
7 „	87	.473	„ 19,.....	96	.469
8 „	87	.471	„ 20,.....	98	.549
9 „	87	.471	„ 21,.....	96	.584
10 „	88	.479	„ 22,.....	87	.471
11 „	88	.476	„ 23,.....	88	.414
Midt.	88	.475	„ 24,.....	83	.422
			„ 25,.....	83	.461
			„ 26,.....	88	.513
			„ 27,.....	85	.513
			„ 28,.....	82	.548
			„ 29,.....	81	.536
			„ 30,.....	90	.520
			„ 31,.....	97	.573
Means,.....	86	0.470	Means.	86	0.470

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.
1891.														
March 1,.....	...	...	...	...	...	...	0.1	...	...	...	...	...	...	0.1
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 3,.....	...	...	...	...	...	...	1.0	0.9	0.6	0.1	...	...	...	2.6
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 5,.....	...	0.3	0.4	...	...	0.3	1.0	0.9	0.3	...	...	...	...	3.2
„ 6, ...	...	...	...	...	...	...	...	...	0.1	...	...	...	...	0.1
„ 7,.....	...	...	...	...	...	...	...	...	0.1	...	...	...	...	0.1
„ 8,.....	...	...	...	...	...	0.6	...	...	...	...	...	...	...	0.6
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 12,.....	...	...	...	...	0.1	...	...	...	...	...	...	...	...	0.1
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 14,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 15,.....	...	...	...	...	...	...	0.1	...	...	...	...	...	...	0.1
„ 16,.....	...	...	0.1	...	...	...	...	...	...	...	...	...	...	0.1
„ 17,.....	...	...	...	...	...	...	0.1	...	0.1	...	...	...	...	0.2
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 20,.....	...	...	...	...	...	0.1	0.2	0.1	...	0.1	...	...	...	0.5
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 24,.....	...	...	...	...	...	0.9	1.0	1.0	0.2	...	...	...	...	3.1
„ 25,.....	...	...	...	0.7	1.0	0.7	0.4	...	...	0.2	0.6	...	...	3.6
„ 26,.....	...	...	0.2	...	...	0.8	1.0	1.0	1.0	1.0	1.0	0.6	...	6.6
„ 27,.....	...	...	...	0.1	0.3	0.3	...	...	0.2	1.0	...	...	...	1.9
„ 28,.....	...	0.5	0.5	0.5	0.8	0.9	0.9	1.0	1.0	0.8	0.2	...	...	7.1
„ 29,.....	...	0.1	0.4	...	...	0.1	0.9	1.0	0.2	0.4	...	...	...	3.1
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
Sums,.....	...	0.9	1.6	1.4	2.2	4.7	6.7	5.9	3.8	3.6	1.8	0.6	...	33.2

TABLE VI.

RAINFALL FOR THE MONTH OF MARCH, 1891.

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.
March 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	...	...	...	0.005	0.005	0.005	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	0.025	11	0.15
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	0.005	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	0.050	1	0.18
„ 9,.....	0.010	...	...	...	...	0.015	...	...	0.015	...	...	...	...	...	0.005	...	...	0.005	...	0.020	0.125	0.005	...	...	0.200	12	0.32
„ 10,.....	...	...	0.005	0.270	...	...	...	0.020	0.005	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.315	2	0.18
„ 11,.....	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.005	...	0.045	0.025	0.110	5	0.36
„ 12,.....	0.020	...	0.015	0.015	...	0.085	0.100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.235	7	0.41
„ 13,.....	...	...	...	0.005	...	0.005	0.040	...	0.125	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.175	3	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	5	0.21
„ 15,.....	0.010	0.020	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	0.040	2	1.04
„ 16,.....	...	...	...	...	...	...	...	...	...	...	0.310	...	0.090	0.240	0.040	0.090	0.295	...	0.070	0.005	0.015	0.030	0.035	0.010	1.230	8	0.52
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.10
„ 19,.....	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	0.010	17	0.09
„ 20,.....	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	6	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.005	0.005	0.005	...	0.025	7	0.16
„ 22,.....	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	2	...
„ 23,.....	...	...	...	0.005	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	9	0.12
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	0.025	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.045	5	0.12
„ 31,.....	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.065	0.005	0.005	0.080	15	0.32
Sums, ...	0.050	0.025	0.025	0.295	0.005	0.110	0.140	0.020	0.185	0.045	0.315	...	0.090	0.240	0.045	0.095	0.305	0.005	0.075	0.060	0.155	0.105	0.090	0.095	2.575	117	4.28

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 MARCH, 1891.

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,	9	9	7	13	7	13	8	16	8	25	8	23	8	27	8	25	8	23	8	20	8	28	8	22	8	22	8	22	8	22	6	20	7	20	8	24	8	21	8	24	8	24	8	24	8	24	8	27	518	21.6	8
„ 2,	9	22	9	22	9	23	9	27	8	27	8	33	8	26	8	29	8	30	8	32	8	28	9	22	8	29	8	23	8	24	8	18	8	25	9	23	8	26	8	24	8	26	8	25	8	25	8	24	613	25.5	8
„ 3,	8	25	8	27	8	26	8	24	8	24	8	28	8	29	7	28	7	22	8	25	8	24	9	22	8	23	8	20	8	19	8	18	8	17	8	17	8	16	8	16	8	17	9	16	8	17	8	18	518	21.6	8
„ 4,	8	13	9	7	11	6	8	4	8	3	8	5	8	11	8	13	8	7	8	8	8	18	8	18	8	22	8	22	8	23	8	27	8	25	7	26	7	25	8	25	8	27	7	26	7	25	7	24	410	17.1	8
„ 5,	8	25	7	24	6	24	6	26	7	27	7	26	8	25	7	25	8	26	8	26	8	27	8	25	7	23	7	22	7	20	7	20	7	20	7	18	8	19	8	19	7	20	7	23	7	20	6	23	553	23.0	7
„ 6,	7	23	5	23	5	23	7	23	7	24	7	20	7	19	7	17	7	20	8	19	7	17	7	14	8	15	8	15	8	14	8	18	8	19	8	16	8	18	8	13	8	13	7	13	7	14	7	13	423	17.6	7
„ 7,	8	13	8	14	7	16	7	18	7	19	6	18	7	21	7	23	6	15	7	17	7	19	7	19	8	22	7	24	7	26	8	27	8	25	7	23	7	23	8	26	7	26	7	25	7	27	7	28	514	21.4	7
„ 8,	7	29	8	30	7	30	7	27	8	28	8	30	8	30	7	30	7	26	7	28	8	37	7	26	8	27	8	24	8	26	8	22	8	25	8	21	8	20	7	20	7	17	7	17	8	17	8	7	594	24.7	8
„ 9,	8	8	8	8	5	5	32	4	2	6	1	5	4	6	1	9	1	11	32	10	1	12	32	14	32	6	1	6	32	8	1	13	1	11	32	12	1	6	2	12	2	8	11	8	2	13	2	14	215	9.0	2
„ 10,	4	16	2	17	2	20	2	18	32	7	30	9	1	6	31	13	6	13	31	3	1	6	1	9	32	7	32	10	32	6	2	7	2	6	3	6	31	8	4	11	1	13	32	14	3	12	2	6	243	10.1	2
„ 11,	4	8	32	13	32	5	5	12	4	8	2	6	2	7	31	5	4	14	32	8	32	16	2	12	32	13	32	8	32	8	1	8	2	7	1	4	1	4	31	10	32	5	1	8	32	10	9	9	208	8.7	2
„ 12,	32	5	32	7	32	5	2	5	32	7	28	7	32	5	1	2	2	6	32	2	2	4	32	7	2	8	8	8	2	6	31	5	3	7	6	11	3	5	32	2	...	1	...	0	7	3	12	2	120	5.0	2
„ 13,	7	5	11	3	11	4	18	2	17	2	...	1	30	5	32	12	6	12	7	7	6	12	6	12	7	15	7	14	6	12	6	15	7	16	8	23	7	21	7	21	7	28	6	28	6	30	6	30	330	13.8	6
„ 14,	7	30	6	34	6	32	6	32	7	32	7	39	7	35	7	40	7	39	7	38	7	40	7	39	7	42	7	41	7	35	7	36	7	36	7	37	7	38	7	42	7	35	7	38	7	35	7	37	882	36.7	7
„ 15,	7	40	7	36	7	32	8	31	7	34	8	29	7	31	8	35	8	32	8	27	8	27	8	22	8	24	8	23	8	26	8	23	6	19	6	19	7	19	7	11	16	15	16	14	16	11	16	20	600	25.0	8
„ 16,	17	21	18	25	18	24	18	21	19	21	18	21	18	25	18	27	24	20	22	14	21	14	21	8	25	10	25	11	23	5	22	8	28	8	29	16	30	16	32	16	32	12	1	15	2	14	1	13	385	16.0	21
„ 17,	2	15	2	14	1	23	3	20	3	14	3	19	2	13	1	15	32	10	32	17	32	9	31	9	31	5	32	7	4	2	8	2	4	5	2	5	3	5	4	13	6	12	6	8	4	10	7	9	261	10.9	2
„ 18,	6	8	8	15	7	21	6	17	7	17	5	14	7	15	4	15	4	16	7	18	7	22	7	26	7	23	7	27	7	25	7	23	7	21	7	22	7	20	7	22	7	22	7	27	7	28	7	32	496	20.7	7
„ 19,	7	30	8	27	7	23	7	21	7	27	7	27	7	27	7	28	8	25	7	18	8	28	7	26	7	20	8	26	8	26	8	29	8	27	8	28	8	30	8	27	8	26	8	24	8	27	8	28	625	26.0	8
„ 20,	8	29	8	29	8	25	7	25	8	27	8	27	8	28	8	23	8	21	7	17	7	20	8	22	7	21	7	20	7	21	7	21	8	22	7	20	8	16	8	19	8	18	8	16	8	18	8	16	521	21.7	8
„ 21,	8	17	8	20	8	16	8	19	8	17	8	16	9	15	8	12	8	6	25	4	23	8	24	4	22	5	24	9	24	10	23	12	23	8	25	7	24	7	24	10	24	8	23	10	24	6	24	5	251	10.5	10
„ 22,	23	3	23	6	3	2	31	5	4	8	9	7	6	5	8	13	8	15	8	12	4	12	5	2	3	2	7	4	2	8	5	9	7	10	3	8	32	8	1	3	1	7	2	8	6	5	6	7	169	7.0	5
„ 23,	7	8	32	6	8	9	6	9	5	12	2	7	3	3	2	6	3	5	10	10	10	11	8	9	8	9	7	10	6	9	5	7	1	9	2	4	9	7	32	5	5	10	7	20	7	20	7	18	223	9.3	6
„ 24,	6	17	7	17	7	15	6	11	7	12	7	11	6	11	7	10	7	8	8	10	5	4	12	3	13	7	24	10	23	9	24	6	24	4	24	6	8	11	9	12	8	15	8	11	7	8	5	5	233	9.7	7
„ 25,	8	11	8	13	8	15	8	15	8	16	8	11	9	14	8	14	8	11	8	10	11	7	7	5	24	8	24	9	24	10	24	8	23	12	23	13	22	6	23	11	22	5	...	1	...	0	...	0	225	9.4	9
„ 26,	...	1	...	0	27	3	1	2	...	0	...	1	...	0	...	1	12	3	9	5	8	9	8	12	7	13	8	8	8	15	8	18	8	10	8	7	5	4	5	3	9	4	9	3	8	10	9	17	149	6.2	8
„ 27,	9	14	9	19	7	16	7	15	8	16	8	16	8	15	9	13	8	18	8	15	6	17	8	20	9	14	8	14	9	15	9	13	8	18	8	13	8	15	8	11	8	12	11	6	9	4	...	0	329	13.7	8
„ 28,	9	5	32	3	32	2	...	1	...	1	1	2	...	0	32	2	24	2	...	1	13	4	10	3	8	12	8	10	8	4	28	4	3	8	6	3	32	3	31	5	...	1	...	1	27	4	27	2	83	3.5	5
„ 29,	27	2	7	6	8	7	9	10	9	12	9	15	8	17	7	20	8	21	8	18	7	22	8	23	10	23	10	24	10	24	9	22	6	19	7	16	8	18	8	13	8	18	8	18	8	18	8	20	406	16.9	8
„ 30,	8	22	8	22	8	23	8	22	8	20	8	19	8	19	8	20	8	20	8	18	8	24	8	20	8	17	8	18	8	19	8	21	8	17	8	20	8	22	8	20	8	22	7	15	8	16	8	18	474	19.8	8
„ 31,	8	16	9	20	8	21	8	22	8	18	8	18	8	18	8	16	7	14	8	17	8	20	8	21	8	19	8	21	8	20	8	20	8	17	8	21	8	20	8	20	8	22	8	20	8	21	8	23	465	19.4	8
Sums,	...	490	...	520	...	509	...	504	...	511	...	510	...	508	...	541	...	511	...	474	...	546	...	496	...	506	...	510	...	497	...	500	...	493	...	489	...	477	...	486	...	489	...	482	...	492	...	495	12036	501.5	...
Means,	...	15.8	...	16.8	...	16.4	...	16.3	...	16.5	...	16.5	...	16.4	...	17.5	...	16.5	...	15.3	...	17.6	...	16.0	...	16.3	...	16.5	...	16.0	...	16.1	...	15.9	...	15.8	...	15.4	...	15.7	...	15.8	...	15.5	...	15.9	...	16.0	388.3	16.2	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR MARCH, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.60	14.06	1.03	0.29	+1.57	+13.77	E 7° N
2 „	3.32	14.01	1.27	0.48	2.05	13.53	E 9° N
3 „	4.15	13.84	1.10	0.35	3.05	13.49	E 13° N
4 „	3.94	14.02	0.94	0.32	3.00	13.70	E 12° N
5 „	2.83	14.66	0.71	0.39	2.12	14.27	E 8° N
6 „	2.80	14.29	0.77	0.55	2.03	13.74	E 8° N
7 „	2.42	14.48	0.94	0.37	1.48	14.11	E 6° N
8 „	3.83	14.40	0.90	0.45	2.93	13.95	E 12° N
9 „	3.01	14.48	0.06	0.71	2.95	13.77	E 12° N
10 „	2 26	13.29	0.35	0.58	1.91	12.71	E 9° N
11 „	3.10	15.16	0.70	0.65	2.40	14.51	E 9° N
Noon.	2.84	14.00	0.53	0.39	2.31	13.61	E 10° N
1 p.	2.39	14.24	0.65	0.77	1.74	13.47	E 7° N
2 „	2.03	14.15	0·35	1.26	1.68	12.89	E 7° N
3 „	2.25	13.73	0.50	1.10	1.75	12.63	E 8° N
4 „	2.52	13.90	0.39	1.19	2.13	12.71	E 9° N
5 „	2.97	13.70	0.13	1.01	2.84	12.69	E 13° N
6 „	3.06	13.50	0.26	1.13	2.80	12.37	E 13° N
7 „	2.71	13.39	0.10	0.66	2.61	12.73	E 12° N
8 „	3.00	13.17	0.13	0.77	2.87	12.40	E 13° N
9 „	2.71	13.39	0.58	0.39	2.13	13.00	E 9° N
10 „	3.16	13.21	0.90	0.32	2.26	12.89	E 10° N
11 „	3.35	13.88	0.39	0.29	2.96	13.59	E 12° N
Midt.	2.95	14.13	0.84	0.23	+2.11	+13.90	E 9° N
Means, ...	2.93	13.96	0.61	0.61	+2.32	+13.35	E 10° 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.
1891.														
Mar. 1	28.10	28.05	28.05	66	66	65	68	63	SE	5	SE	5	SE	5
„ 2	.15	.08	.10	63	63	63	65	62	SE	5	SE	5	SE	5
„ 3	.25	.20	.21	64	65	64	67	63	SE	2	SE	4	SE	4
„ 4	.22	.19	.21	65	63	61	67	61	SE	2	SE	2	E	3
„ 5	.28	.25	.27	59	60	58	61	57	E	4	E	3	E	4
„ 6	.30	.24	.27	57	59	56	59	55	E	4	E	3	E	4
„ 7	.27	.16	.16	55	55	54	59	54	E	4	E	4	SE	4
„ 8	.15	.09	.09	54	60	58	60	54	SE	4	SE	5	SE	4
„ 9	.13	.15	.19	57	53	50	60	48	E	3	NNE	4	NE	4
„ 10	.31	.25	.27	47	50	46	52	43	ENE	4	ENE	4	ENE	4
„ 11	.31	.27	.29	48	48	47	50	46	ENE	4	NE	4	NE	4
„ 12	.33	.24	.29	49	49	48	50	46	NE	3	NE	3	NE	4
„ 13	.33	.25	.30	49	51	50	51	48	E	4	E	4	E	6
„ 14	.28	.16	.12	50	50	50	51	49	E	6	E	6	SE	5
„ 15	.11	27.97	.01	60	62	59	63	50	SE	6	SE	6	S	5
„ 16	27.98	.96	.04	63	59	55	66	55	SW	6	NW	4	N	5
„ 17	28.21	28.21	.23	49	54	50	55	48	NNE	3	N	2	NE	4
„ 18	.26	.18	.18	50	51	49	51	47	E	5	E	5	E	5
„ 19	.15	.07	.08	55	58	57	60	49	SE	5	SE	5	SE	5
„ 20	.10	.10	.11	64	66	64	67	57	S	4	S	4	S	3
„ 21	.20	.18	.20	66	65	64	67	63	S	3	S	3	SE	3
„ 22	.32	.27	.28	58	58	56	66	56	E	3	NE	3	N	4
„ 23	.41	.35	.32	55	55	54	56	53	NE	2	E	3	E	3
„ 24	.51	.27	.27	52	57	54	58	51	ENE	3	E	3	E	3
„ 25	.28	.20	.21	56	60	57	60	54	SE	3	NW	3	N	2
„ 26	.21	.09	.13	62	66	63	67	56	SE	2	S	1	SW	2
„ 27	.13	.06	.11	63	64	63	66	61	SE	4	S	3	S	2
„ 28	.13	.12	.13	66	67	65	69	62	SW	2	SW	2	S	4
„ 29	.11	.03	.05	61	63	62	65	61	E	4	E	4	S	4
„ 30	.08	.01	.04	63	63	63	64	62	S	2	SW	2	SW	2
„ 31	.06	.02	.01	64	65	64	68	61	SE	4	SE	4	SE	3
Means,	28.208	28.151	28.168	57.7	58.9	57.1	60.9	54.7	E 25° S	3.7	E 18° S	3.6	E 20° 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
1891.												
March 1, ...	8	cum.	S	10	cum.	S	10	str.	E	10	cum-nim.	E
" 2, ...	10	cum.	...	10	cum-nim.	...	10	nim.	E	10	nim.	E
" 3, ...	10	cum-nim.	...	10	cum-nim.	...	10	nim.	E	10	str.	...
" 4, ...	4	cum.	SE	10	cum.	SE	10	str-cum.	..	10	str-cum.	...
" 5, ...	6	cum.	E	10	cum.	E	3	cum.	E	10	sm-cum.	...
" 6, ...	10	cum.	...	10	cum.	...	10	str./cum.	E	10	cum.	E
" 7, ...	10	cum-nim.	...	10	str.	...	10	cum.	E	10	str./cum.	E
" 8, ...	10	cum-nim.	...	10	cum-nim.	...	10	str./cum.	E	10	nim.	E
" 9, ...	10	nim.	...	10	nim.	...	10	cum-nim.	...	10	str.	...
" 10, ...	10	cum-nim.	...	10	nim.	...	10	nim.	ENE	10	nim.	ENE
" 11, ...	10	cum-nim.	...	10	nim.	...	10	str./cum.	ENE	10	str./cum.	ENE
" 12, ...	10	nim.	...	10	nim.	...	10	nim.	...	9	sm-cum.	...
" 13, ...	10	cum-nim.	...	10	nim.	...	10	nim.	...	10	cum.	ENE
" 14, ...	10	cum-nim.	...	10	cum.	...	10	str./cum.	S	10	sm-cum./cum.	E
" 15, ...	10	nim.	...	10	nim.	...	10	cum-nim.	ENE	10	cum-nim.	...
" 16, ...	10	cum-nim.	S	10	nim.	SW	10	cum.	SW	10	cum-nim.	WSW
" 17, ...	10	cum-nim.	...	10	cum.	...	10	nim.	...	10	str./cum.	E
" 18, ...	7	sm-cum.	E	10	str-cum.	E	10	str./cum.	E	10	cum.	E
" 19, ...	10	nim.	...	10	nim.	...	10	str./cum.	E	10	nim.	E
" 20, ...	10	nim.	...	10	nim.	...	10	fog.	E	10	str./fog.	E
" 21, ...	10	fog.	...	10	fog.	...	10	cum.	E	10	str.	...
" 22, ...	10	cum-nim.	...	10	cum-nim.	...	10	str-cum.	...	10	cum-nim.	E
" 23, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	cum.	E
" 24, ...	10	cum.	E	10	cum-nim.	...	10	cum-nim.	ENE	10	sm-cum./cum.	WSW/E
" 25, ...	10	cum.	E	10	str.	E	10	sm-cum.	...	8	c-cum./cum.	WSW/E
" 26, ...	0	...	...	10	sm-cum.	W	10	sm-cum.	W	10	sm-cum.	W
" 27, ...	10	sm-cum.	W	10	sm-cum.	W	10	str./cum.	SSE	10	sm-cum./cum.	S
" 28, ...	7	sm-cum.	W	10	sm-cum.	W	4	sm-cum.	W	6	sm-cum.	...
" 29, ...	0	...	...	10	cum.	E	10	sm-cum.	W	10	str.	...
" 30, ...	10	cum.	S	10	cum.	S	10	str-cum.	SSW	10	nim.	E
" 31, ...	10	nim.	...	10	nim.	...	10	str./cum.	E	10	str.	...
Means, ...	8.8	...	...	10.0	...	...	9.6	...	...	9.8	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
March 1,...	10	sm-cum. / cum-nim.	S	10	cum-nim.	SSE	10	cum-nim.	SSE	10	cum-nim.	...	9.7
„ 2,...	10	nim.	E	10	nim.	E	10	str.	...	10	cum-nim.	...	10.0
„ 3,...	8	sm-cum. / cum.	E	10	sm-cum. / cum.	W / E	7	sm-cum.	...	2	cum.	E	8.4
„ 4,...	10	cum.	E	10	cum.	E	10	cum-nim.	E	1	cum.	E	8.1
„ 5,...	8	cum.	E	10	str. / cum.	E	10	str. / cum.	E	10	cum-nim.	E	8.4
„ 6,...	10	str. / cum.	...	10	str.	...	10	str.	...	10	str.	...	10.0
„ 7,...	10	str. / cum.	E	10	sm-cum. / cum.	W / E	10	cum-nim.	E	3	cum.	E	9.1
„ 8,...	10	str.	...	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E	10.0
„ 9,...	10	str.	...	10	str. / cum.	N	10	cum-nim.	...	10	cum-nim.	...	10.0
„ 10,...	10	str-cum.	ENE	10	str.	...	10	str.	...	10	cum-nim.	...	10.0
„ 11,...	10	nim.	ENE	10	str. / cum.	ENE	10	str. / cum.	...	10	str. / cum.	...	10.0
„ 12,...	10	str.	...	10	cum.	...	10	cum-nim.	...	10	nim.	...	9.9
„ 13,...	10	str.	...	10	str.	...	10	str. / cum.	E	10	str.	...	10.0
„ 14,...	10	str.	...	10	str. / cum.	E	10	nim.	...	10	str.	...	10.0
„ 15,...	10	cum-nim.	SSE	10	cum-nim.	S	10	cum-nim.	S	7	cum.	S	9.6
„ 16,...	10	nim.	WSW	10	nim.	...	10	nim.	...	9	sm-cum. / nim.	WSW / N	9.9
„ 17,...	10	sm-cum. / cum.	W / E	10	sm-cum. / cum.	E	10	sm-cum. / cum.	E	9	sm-cum.	W	9.9
„ 18,...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	cum-nim.	E	9.6
„ 19,...	10	nim.	E	10	nim.	E	10	nim.	...	10	cum-nim.	...	10.0
„ 20,...	10	cum.	SSW	10	cum. / fog.	SSW / E	10	fog.	E	10	fog.	...	10.0
„ 21,...	10	str.	...	10	str.	...	10	nim.	...	10	nim.	...	10.0
„ 22,...	10	str. / cum.	E	10	str. / cum.	E	10	str. / cum.	E	10	str. / cum-nim.	E	10.0
„ 23,...	10	cum.	E	10	nim.	ENE	10	str.	...	10	cum-nim.	E	10.0
„ 24,...	5	sm-cum.	WSW	10	str-cum.	...	10	str-cum.	...	7	sm-cum. / cum.	WSW / E	9.0
„ 25,...	10	sm-cum.	W	3	sm-cum.	...	2	c-str. / sm-cum.	W	10	sm-cum.	WSW	7.9
„ 26,...	0	...	...	0	...	...	0	...	...	1	sm-cum.	W	3.9
„ 27,...	10	sm-cum. / cum.	S	9	sm-cum.	SSW	5	sm-cum.	SSW	0	...	...	8.0
„ 28,...	2	sm-cum.	...	9	sm-cum.	W	9	sm-cum.	W	10	sm-cum.	...	7.1
„ 29,...	1	sm-cum.	W	9	sm-cum. / cum.	W / ESE	10	str. / cum.	ESE	10	str. / cum.	ESE	7.5
„ 30,...	10	cum-nim.	SSE	10	cum-nim.	SSE	10	cum-nim.	SSE	10	cum-nim.	SSE	10.0
„ 31,...	10	str. / cum.	E	10	str.	...	10	cum-nim.	...	10	nim.	...	10.0
Means,...	8.8	...	...	9.4	...	...	9.1	...	...	8.4	...	...	9.2

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF APRIL, 1891.

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,...	29.746	29.723	29.704	29.714	29.728	29.749	29.780	29.800	29.819	29.805	29.802	29.783	29.759	29.743	29.732	29.736	29.738	29.747	29.759	29.756	29.773	29.786	29.784	29.772	29.760
„ 2,...	.746	.754	.734	.742	.742	.747	.787	.802	.803	.799	.802	.778	.751	.730	.694	.692	.712	.711	.718	.722	.750	.764	.752	.727	.748
„ 3,...	.683	.659	.640	.647	.627	.647	.673	.705	.731	.738	.732	.712	.700	.670	.652	.648	.656	.674	.709	.724	.741	.750	.753	.743	.692
„ 4,...	.736	.721	.731	.720	.751	.760	.778	.792	.813	.828	.807	.792	.755	.731	.734	.735	.747	.768	.785	.811	.820	.852	.847	.823	.777
„ 5,...	.815	.809	.785	.781	.799	.821	.839	.873	.895	.898	.881	.866	.848	.826	.816	.815	.830	.845	.869	.911	.917	.919	.916	.921	.854
„ 6,...	.908	.920	.921	.919	.906	.950	.950	.976	30.004	30.005	.982	.964	.943	.941	.926	.927	.949	.985	30.004	30.011	30.045	30.052	30.041	30.051	.970
„ 7,...	30.028	30.029	30.023	30.035	30.019	30.065	30.098	30.127	.153	.138	30.120	30.100	30.079	30.070	30.035	30.030	30.031	30.044	.059	.067	.095	.109	.113	.099	30.074
„ 8,...	.087	.077	.046	.034	.045	.065	.090	.109	.110	.098	.090	.073	.051	.007	29.976	29.971	29.966	29.968	29.970	29.984	29.994	.008	.012	.004	.035
„ 9,...	29.980	29.964	29.955	29.945	29.949	29.948	29.963	29.981	29.990	29.983	29.973	29.959	29.928	29.898	.878	.860	.853	.857	.866	.875	.882	29.884	29.888	29.869	29.922
„ 10,...	.869	.854	.827	.812	.823	.836	.850	.860	.871	.864	.859	.842	.807	.772	.749	.733	.737	.744	.759	.781	.782	.804	.804	.793	.810
„ 11,...	.782	.763	.754	.750	.754	.773	.788	.805	.813	.815	.803	.796	.777	.755	.736	.728	.731	.738	.760	.770	.790	.806	.808	.798	.775
„ 12,...	.768	.766	.746	.741	.754	.773	.794	.810	.813	.810	.794	.779	.750	.730	.700	.689	.679	.680	.683	.689	.705	.712	.707	.692	.740
„ 13,...	.679	.653	.629	.629	.632	.657	.691	.693	.700	.714	.705	.696	.668	.648	.638	.640	.642	.652	.664	.682	.702	.714	.722	.721	.674
„ 14,...	.712	.705	.697	.691	.704	.731	.753	.778	.800	.801	.793	.774	.748	.733	.729	.724	.706	.718	.744	.769	.802	.808	.808	.802	.751
„ 15,...	.805	.787	.766	.772	.786	.794	.824	.838	.852	.854	.840	.829	.806	.800	.800	.810	.817	.820	.839	.858	.878	.892	.890	.883	.827
„ 16,...	.875	.862	.846	.847	.862	.880	.917	.923	.921	.915	.903	.894	.860	.833	.816	.808	.810	.828	.840	.854	.874	.894	.883	.876	.868
„ 17,...	.857	.846	.828	.831	.849	.874	.887	.905	.910	.901	.889	.890	.871	.846	.839	.838	.843	.857	.884	.911	.935	.952	.942	.937	.880
„ 18,...	.926	.918	.911	.903	.907	.949	.979	30.004	30.025	30.040	30.024	.995	.987	.974	.964	.978	.950	.977	.995	30.027	30.047	30.065	30.061	30.042	.985
„ 19,...	30.018	30.009	.984	.986	.988	30.015	30.040	.052	.071	.072	.079	30.056	30.027	30.014	.994	.987	.973	.985	.993	.009	.020	.035	.035	.013	30.019
„ 20,...	29.995	29.981	.974	.957	.961	29.968	29.999	.017	.016	.026	.015	.012	29.994	29.963	.940	.936	.924	.938	.954	29.961	29.966	29.984	29.971	29.956	29.975
„ 21,...	.922	.901	.885	.870	.882	.897	.904	29.944	29.950	29.942	29.941	29.918	.899	.868	.858	.849	.864	.871	.880	.892	.904	.915	.916	.912	.899
„ 22,...	.896	.872	.861	.859	.866	.887	.916	.927	.939	.951	.937	.915	.894	.863	.851	.853	.846	.853	.870	.876	.882	.899	.897	.891	.888
„ 23,...	.871	.867	.845	.841	.849	.872	.891	.912	.918	.915	.904	.902	.886	.848	.836	.836	.828	.832	.846	.865	.886	.908	.916	.917	.875
„ 24,...	.907	.884	.873	.851	.860	.885	.912	.937	.944	.951	.952	.938	.918	.887	.872	.852	.862	.876	.881	.902	.928	.939	.952	.948	.905
„ 25,...	.945	.915	.901	.900	.907	.928	.941	.948	.970	.976	.966	.951	.931	.902	.879	.866	.858	.869	.880	.891	.909	.913	.938	.927	.917
„ 26,...	.904	.882	.860	.849	.862	.890	.914	.917	.937	.931	.919	.900	.863	.838	.830	.815	.807	.814	.817	.830	.866	.874	.882	.872	.870
„ 27,...	.853	.841	.834	.837	.847	.865	.880	.896	.903	.904	.900	.892	.879	.853	.827	.821	.825	.838	.845	.872	.894	.909	.904	.902	.868
„ 28,...	.898	.877	.862	.857	.863	.893	.911	.934	.946	.939	.926	.919	.889	.876	.865	.846	.842	.853	.860	.878	.885	.891	.892	.893	.887
„ 29,...	.877	.860	.844	.847	.851	.863	.882	.890	.912	.917	.907	.895	.878	.858	.847	.848	.841	.851	.864	.890	.907	.914	.918	.922	.878
„ 30,...	.911	.913	.905	.908	.916	.926	.962	.977	.987	.989	.975	.978	.957	.949	.937	.929	.934	.949	.956	.981	.989	30.000	30.002	30.006	.956
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.867	29.854	29.839	29.836	29.843	29.864	29.886	29.904	29.917	29.917	29.907	29.893	29.870	29.848	29.832	29.827	29.827	29.838	29.852	29.868	29.886	29.898	29.898	29.890	29.869

TABLE II.

TEMPERATURE FOR THE MONTH OF APRIL, 1891.

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,	64.1	64.0	63.7	63.6	63.9	64.2	64.5	66.4	67.2	67.4	67.1	68.2	68.4	67.4	66.4	65.7	65.2	65.1	65.0	65.2	65.0	65.4	65.1	64.9	65.5	68.5	63.2
„ 2,	64.8	64.6	64.1	64.8	65.2	65.4	66.0	67.0	66.5	65.8	64.0	64.9	64.2	64.1	64.0	63.8	63.8	64.0	64.0	64.1	64.1	64.5	64.3	64.3	64.7	67.0	62.9
„ 3,	64.3	64.5	64.9	66.5	69.4	72.0	72.4	71.2	70.4	67.6	67.0	65.3	65.0	65.4	65.6	65.5	66.1	66.0	65.8	66.0	66.8	66.3	66.1	66.3	66.9	72.9	62.9
„ 4,	66.1	66.2	65.6	66.0	66.3	66.6	67.3	68.0	67.4	66.6	66.5	67.4	68.0	68.4	67.4	67.2	67.4	66.5	66.4	66.5	66.5	67.5	67.7	67.8	67.0	69.2	64.3
„ 5,	67.9	67.3	67.1	68.1	67.9	68.1	68.8	67.9	67.2	69.4	69.7	71.6	71.0	70.5	70.4	69.4	66.2	65.5	66.1	65.9	65.5	65.6	65.4	65.2	67.8	72.2	63.9
„ 6,	65.1	64.2	63.1	63.1	62.9	62.9	63.4	64.0	63.8	63.8	63.4	63.2	63.4	63.4	63.2	63.4	63.1	60.8	60.0	59.5	60.2	59.5	58.7	58.4	62.4	66.1	58.4
„ 7,	57.9	57.8	57.8	57.9	57.8	57.6	57.8	58.0	58.0	57.7	58.1	60.0	60.4	59.6	60.4	61.3	60.5	59.4	58.4	57.5	57.6	57.9	57.9	57.8	58.5	63.3	56.0
„ 8,	57.9	57.5	57.9	58.1	58.2	59.6	60.7	61.4	64.4	65.4	66.4	66.4	66.4	66.4	65.7	65.4	63.5	61.4	61.4	60.4	60.4	60.4	60.4	59.4	61.9	68.0	57.5
„ 9,	59.2	59.1	58.8	59.1	59.2	59.6	61.4	64.0	66.9	66.4	67.2	67.4	67.2	67.6	67.3	65.5	65.4	63.5	63.2	63.4	63.4	63.4	63.6	63.5	63.6	68.4	57.0
„ 10,	63.5	63.6	63.8	63.9	64.2	64.8	65.5	66.6	67.0	67.7	68.4	69.4	71.4	73.1	70.1	69.7	69.5	69.2	69.4	69.2	68.5	69.4	69.2	69.6	67.8	75.4	62.6
„ 11,	69.8	69.7	69.7	69.6	69.6	69.5	69.5	70.9	71.7	73.4	75.9	75.9	76.2	75.4	76.1	76.1	75.4	74.5	71.4	71.6	71.9	71.5	70.5	71.7	72.4	77.4	68.5
„ 12,	71.3	71.2	71.2	71.6	72.2	71.8	72.2	74.6	74.0	73.8	74.5	74.4	75.2	75.4	75.4	74.4	75.1	75.2	75.5	75.4	75.4	76.0	76.6	76.1	74.1	76.7	69.9
„ 13,	75.2	75.1	75.2	75.1	75.1	75.0	75.5	75.9	75.8	77.6	78.0	79.9	80.0	80.4	79.4	78.1	77.4	76.5	76.5	74.5	73.5	73.5	73.5	72.8	76.2	80.9	72.5
„ 14,	72.2	72.2	72.2	72.5	72.3	73.1	73.5	73.4	74.0	74.4	75.7	77.2	76.0	77.6	77.7	77.6	76.9	76.3	76.6	74.4	73.5	73.5	73.7	74.0	74.6	78.6	71.5
„ 15,	73.3	73.0	72.9	71.9	71.5	71.3	71.6	72.1	71.7	73.6	73.4	76.2	77.9	70.7	70.0	67.4	66.5	65.4	66.5	66.1	65.5	65.5	66.0	66.0	70.2	78.2	64.9
„ 16,	66.1	66.1	65.2	64.9	65.1	64.7	63.9	64.2	66.9	66.6	66.0	66.1	66.8	65.5	65.4	65.0	65.1	65.0	65.0	64.9	65.0	64.5	64.4	64.3	65.3	66.8	63.5
„ 17,	64.1	63.9	63.8	63.9	63.7	64.1	64.7	64.9	65.2	66.2	65.6	65.4	64.5	64.6	64.0	65.0	64.4	63.5	62.5	62.5	60.6	61.6	61.1	61.5	63.8	66.2	60.6
„ 18,	62.0	61.3	60.3	60.2	60.3	59.4	59.1	60.3	60.8	60.7	60.7	63.3	62.9	63.2	63.0	63.2	61.0	61.4	62.2	61.2	61.4	61.4	61.3	61.3	61.3	63.7	58.5
„ 19,	61.2	61.7	62.0	62.3	62.3	62.3	62.5	63.8	63.9	64.2	63.7	63.8	63.5	64.6	64.5	63.5	62.6	62.6	62.4	63.4	62.4	62.4	61.9	62.0	62.9	64.8	60.4
„ 20,	62.0	61.8	61.7	61.7	62.0	62.1	62.7	62.0	61.4	61.8	62.1	62.0	63.0	61.9	63.2	63.3	63.4	63.4	63.4	63.4	63.7	64.0	63.9	63.9	62.7	64.7	60.8
„ 21,	64.0	64.2	64.1	64.1	64.3	64.9	65.5	66.2	66.7	67.0	68.2	68.9	68.9	69.2	69.2	68.6	67.6	67.4	66.5	66.4	66.9	66.9	67.0	67.0	66.7	69.6	63.9
„ 22,	67.1	66.7	67.0	66.8	66.5	66.5	67.0	67.8	69.4	69.4	70.0	71.0	72.0	71.6	72.2	70.1	69.5	68.6	68.5	68.1	67.3	67.4	68.3	68.4	68.6	72.4	65.4
„ 23,	68.7	68.7	68.6	68.2	68.4	68.4	69.3	70.0	73.0	72.1	73.3	73.5	74.4	72.9	73.4	71.6	71.3	71.5	71.4	70.9	71.8	70.4	70.8	70.7	71.0	76.0	68.2
„ 24,	70.3	70.0	70.0	70.1	70.1	70.1	70.0	70.7	71.1	71.8	73.0	75.1	74.0	73.6	72.3	72.1	71.0	70.0	70.0	70.3	71.0	69.4	68.8	67.7	70.9	77.4	67.7
„ 25,	66.8	66.5	66.3	66.3	66.3	66.5	67.0	67.1	67.3	67.7	67.8	67.9	68.0	69.1	69.5	68.7	68.1	68.2	68.0	67.8	67.3	68.1	67.8	67.7	67.6	69.4	65.2
„ 26,	67.5	67.5	67.6	67.8	67.5	68.6	69.5	70.0	71.1	72.1	73.4	73.4	74.7	75.4	75.0	73.9	71.9	70.4	69.6	69.6	69.5	69.9	69.9	69.9	70.7	75.5	66.6
„ 27,	69.8	70.1	70.1	70.3	70.3	70.4	72.0	74.0	76.3	78.0	78.3	74.6	73.7	74.4	74.7	74.7	73.2	72.4	71.5	71.5	71.5	70.9	70.7	69.9	72.6	79.8	69.0
„ 28,	69.7	69.4	69.0	68.7	68.8	68.9	68.9	68.2	68.1	68.8	70.0	70.0	70.2	70.1	70.3	70.1	70.4	70.2	69.6	70.2	70.0	69.5	69.6	69.3	69.5	71.3	67.2
„ 29,	68.8	68.7	68.4	68.0	67.5	67.5	68.2	68.1	69.1	69.8	72.3	72.3	72.9	72.1	71.5	71.7	71.5	70.4	70.6	70.4	70.1	69.9	69.6	69.8	70.0	73.5	67.2
„ 30,	69.4	69.6	68.6	67.9	67.7	67.6	67.8	67.0	67.1	68.4	70.2	69.8	69.4	69.1	68.6	69.2	68.3	67.5	67.4	67.5	67.4	68.0	67.6	67.7	68.3	70.4	67.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	66.3	66.2	66.0	66.1	66.2	66.4	66.9	67.5	68.1	68.5	69.0	69.5	69.7	69.4	69.2	68.7	68.0	67.4	67.2	66.9	66.8	66.8	66.7	66.6	67.5	71.5	64.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF APRIL, 1891.

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,..	63.7	63.8	63.7	63.4	63.8	63.8	63.9	64.8	65.8	66.2	66.6	66.2	66.0	65.0	63.9	63.8	62.9	62.7	62.7	62.7	62.8	63.0	62.9	61.9	64.0	123.2
„ 2,...	61.0	61.1	60.0	59.6	59.0	58.9	59.1	59.3	60.8	61.3	61.5	62.7	62.7	62.9	62.7	62.8	62.9	62.9	63.6	63.8	63.8	64.0	63.7	63.8	61.8	88.4
„ 3,...	63.7	63.8	64.4	65.9	68.0	70.6	70.9	70.3	70.0	67.1	65.9	64.8	64.7	65.0	64.9	64.8	65.3	65.1	65.6	65.8	65.9	65.9	65.9	65.9	66.3	93.5
„ 4,...	65.4	65.1	64.9	65.0	65.1	65.3	65.8	66.2	65.9	65.1	65.6	66.2	66.6	67.1	66.1	66.1	66.0	65.7	65.1	65.9	65.9	66.0	64.8	64.7	65.6	119.3
„ 5,...	64.5	64.4	64.0	61.7	61.9	61.3	60.3	60.9	61.8	60.9	61.0	61.8	61.6	62.0	62.5	61.8	62.0	61.9	62.0	62.7	62.9	62.9	61.0	60.3	62.0	118.1
„ 6,...	60.0	60.5	60.4	60.3	60.4	60.6	60.9	60.8	60.9	60.2	61.4	61.4	61.6	59.8	61.2	59.3	59.0	59.6	58.5	57.0	56.0	55.4	54.3	54.5	59.3	80.5
„ 7,...	54.2	53.9	53.5	53.3	52.5	51.6	51.9	51.0	51.8	51.0	51.9	52.8	52.8	52.1	52.1	51.7	53.4	51.6	52.9	51.7	52.0	51.5	51.8	51.8	52.3	110.4
„ 8,...	51.8	51.8	52.1	52.1	51.8	*52.8	53.9	53.9	55.1	55.3	55.9	56.0	56.6	57.6	56.2	55.2	53.4	52.9	52.9	53.0	53.4	53.3	53.7	55.1	54.0	122.5
„ 9,...	54.1	54.6	54.6	55.0	55.1	55.9	56.7	58.9	60.7	60.7	61.6	61.6	61.9	61.7	62.1	61.1	60.9	60.0	60.0	60.1	60.9	61.0	61.0	61.0	59.2	121.4
„ 10,...	61.1	61.4	61.9	62.0	62.3	62.9	63.6	63.9	64.3	65.3	65.8	66.5	67.8	67.9	67.2	67.2	67.1	67.0	67.4	67.1	67.1	67.7	67.3	67.8	65.4	107.1
„ 11,...	67.9	67.9	68.0	68.1	68.0	68.5	68.9	69.7	70.1	71.3	72.8	72.8	73.4	72.9	73.4	73.6	73.0	72.4	70.8	71.0	71.1	71.0	70.2	71.2	70.8	107.3
„ 12,...	71.1	71.1	71.1	71.2	72.0	71.5	71.9	73.2	73.0	73.6	73.7	73.9	73.7	73.8	73.8	73.2	73.2	73.3	73.2	73.2	73.0	73.2	72.5	72.8	72.8	113.0
„ 13,...	72.4	72.0	72.1	72.3	72.4	72.0	72.1	72.8	72.9	73.7	73.8	74.9	75.2	75.2	74.1	73.9	73.5	73.0	73.0	72.7	72.1	72.5	72.4	72.1	73.0	132.5
„ 14,...	71.7	71.9	71.6	71.7	71.3	71.6	72.0	72.3	71.8	72.4	72.9	73.6	73.0	73.9	74.1	74.3	74.0	73.8	73.9	72.9	73.0	72.9	72.9	73.3	72.8	123.9
„ 15,...	72.9	72.4	72.7	71.9	71.5	71.1	71.5	71.8	71.2	72.7	72.2	73.5	74.4	69.2	68.0	66.4	65.9	64.9	65.7	65.3	65.0	64.9	65.0	64.7	69.4	109.5
„ 16,...	64.6	65.0	63.7	63.6	64.0	63.7	63.8	63.8	65.7	65.6	64.8	65.7	65.1	65.3	64.9	64.6	64.3	63.9	63.9	63.8	63.9	64.0	63.9	63.8	64.4	90.1
„ 17,...	62.7	63.0	62.9	62.9	62.9	63.0	63.6	63.7	63.8	65.1	64.1	64.3	63.2	63.3	63.0	63.7	63.0	62.7	60.8	60.7	60.6	60.9	60.5	60.8	62.7	96.9
„ 18,...	61.0	59.9	58.8	57.8	57.7	57.7	57.9	58.8	59.7	59.9	59.9	60.6	59.8	60.1	60.0	60.1	59.9	59.7	59.3	59.0	59.1	59.8	59.7	59.9	59.4	101.5
„ 19,...	59.9	59.9	58.4	56.0	56.1	57.3	58.9	57.0	59 2	58.1	58.2	58.3	59.0	59.9	58.9	59.0	59.8	59.8	60.2	60.8	60.8	60.8	61.2	61.3	59.1	103.5
„ 20,...	61.1	61.0	60.9	61.0	60.9	60.9	60.9	60.8	59.8	59.8	60.3	59.9	61.0	60.7	61.6	61.0	61.0	60.2	60.9	60.6	60.2	60.8	61.0	61.2	60.7	88.2
„ 21,...	61.2	61.0	61.0	60.6	60.7	61.1	61.9	61.8	62.5	61.8	62.8	63.8	62.9	63.4	63.9	64.1	63.4	63.0	63.7	63.7	64.0	64.4	64.9	65.2	62.8	123.5
„ 22,...	65.6	65.7	66.0	65.8	65.3	65.6	66.0	66.3	67.0	66.9	67.7	68.4	68.8	68.4	68.9	68.0	67.6	67.2	67.0	66.9	67.2	67.4	68.0	68.1	67.1	125.7
„ 23,...	68.6	68.4	68.4	68.0	68.0	67.9	68.9	69.0	70.8	70.6	71.0	71.3	71.9	71.1	71.6	70.9	70.9	71.0	71.0	70.8	71.0	70.4	70.7	70.6	70.1	135.1
„ 24,...	70.2	69.9	69 9	69.9	70.1	70.0	69.9	70.5	70.7	71.0	71.6	72.5	71.8	71.6	70.9	70.9	70.8	70.0	70.0	70.1	70.5	69.1	68.2	66.9	70.3	134.9
„ 25,...	66.3	65.6	65.4	65.0	64.9	64.9	65.0	65.3	65.3	65.6	65.5	65.6	65.7	66.0	66.0	65.9	66.0	66.0	66.3	66.6	66.9	66.9	66.9	66.9	65.9	114.6
„ 26,...	66.9	66.9	67.0	67.0	67.2	67.5	68.0	68.0	68.6	69.2	71.1	71.2	71.9	70.8	71.0	70.4	70.9	69.4	69.0	69.0	69.0	69.7	69.7	69.2	69.1	129.4
„ 27,...	69.3	69.4	69.5	69.6	69.5	69.5	70.6	71.1	71.0	71.7	72.6	71.2	71.0	70.7	70.9	70.9	70.7	70.1	70.7	70.7	70.8	69.8	69.3	68.7	70.4	135.1
„ 28,...	68.4	68.0	67.9	67.8	67.9	67.9	67.8	66.8	66.7	66.8	67.7	67.4	68.0	68.1	67.7	67.4	67.9	67.6	68.0	67.6	68.8	68.7	68.5	68.6	67.8	113.0
„ 29,...	68.1	67.9	67.6	66.9	66.7	66.6	66.5	66.0	66.5	66.6	67.9	67.9	68.0	68.1	67.9	67.9	68.0	68.0	68.1	68.0	68.0	67.9	67.8	67.9	67.5	136.0
„ 30,...	67.9	67.7	67.6	67.0	66.5	66.0	65.9	65.8	65.1	65.9	66.0	65.0	64.9	64.7	64.0	63.9	63.7	63.0	62.9	63.9	63.6	63.9	63.6	63.6	65.1	133.1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	64.6	64.5	64.3	64.1	64.1	64.3	64.6	64.8	65.3	65.4	65.8	66.1	66.2	65.9	65.8	65.5	65.3	64.9	65.0	64.9	65.0	65.0	64.8	64.8	65.0	114.4

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF APRIL, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	91	0.596	Apr. 1,.....	92	0.578
2 „	91	.594	„ 2,.....	84	.515
3 „	91	.589	„ 3,.....	97	.639
4 „	89	.581	„ 4,.....	93	.613
5 „	89	.580	„ 5,.....	72	.480
6 „	89	.584	„ 6,.....	83	.465
7 „	88	.587	„ 7,.....	63	.311
8 „	86	.586	„ 8,.....	56	.314
9 „	86	.596	„ 9,.....	75	.446
10 „	85	.594	„ 10,.....	87	.595
11 „	84	.601	„ 11,.....	93	.734
Noon.	82	.605	„ 12,.....	94	.790
1 p	82	.606	„ 13,.....	85	.770
2 „	82	.600	„ 14,.....	91	.783
3 „	82	.598	„ 15,.....	96	.709
4 „	84	.595	„ 16,.....	95	.594
5 „	86	.597	„ 17,.....	95	.557
6 „	87	.591	„ 18,.....	88	.483
7 „	88	.597	„ 19,.....	79	.453
8 „	89	.598	„ 20,.....	89	.506
9 „	90	.603	„ 21,.....	79	.521
10 „	90	.603	„ 22,.....	92	.645
11 „	89	.597	„ 23,.....	95	.725
Midt.	90	.599	„ 24,.....	97	.734
			„ 25,.....	91	.616
			„ 26,.....	92	.691
			„ 27,.....	89	.715
			„ 28,.....	91	.659
			„ 29,.....	87	.641
			„ 30,.....	84	.578
Means,.....	87	0.595	Means.	87	0.595

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.
1891.														
April 1,.....	...	...	...	...	0.2	0.1	0.1	...	...	...	...	...	...	0.4
„ 2,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 4,.....	...	...	...	...	...	...	0.1	...	...	...	...	...	...	0.1
„ 5,.....	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 7,.....	...	...	...	...	...	...	...	0.2	...	...	0.1	...	...	0.3
„ 8,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.6
„ 9,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	...	...	9.1
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 11,.....	...	...	...	...	...	...	...	...	...	0.4	...	...	...	0.4
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 13,.....	...	...	...	0.1	0.2	0.2	0.9	0.9	0.8	0.7	...	...	...	3.8
„ 14,.....	...	...	...	...	...	...	...	...	...	0.4	0.9	0.3	...	1.6
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 21,.....	...	...	...	...	...	...	...	0.1	1.0	1.0	0.9	0.5	...	3.5
„ 22,.....	...	...	...	0.1	...	...	0.2	...	0.3	0.5	...	0.1	...	1.2
„ 23,.....	...	...	0.1	0.9	1.0	1.0	0.9	0.9	0.5	0.8	...	...	...	5.6
„ 24,.....	...	...	...	...	...	...	0.5	0.2	0.2	...	...	...	...	0.9
„ 25,.....	...	...	...	...	...	...	...	...	...	0.1	...	...	...	0.1
„ 26,.....	...	...	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	7.6
„ 27,.....	...	...	...	0.3	0.8	1.0	1.0	1.0	0.9	1.0	0.9	1.0	0.2	8.1
„ 28,.....	...	...	...	...	...	...	...	...	0.1	...	...	...	....	0.1
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 30,.....	...	...	...	...	0.6	0.6	0.8	1.0	0.9	1.0	0.9	1.0	0.4	7.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	1.2	2.1	3.5	5.3	6.0	7.5	7.3	7.7	8.3	6.6	4.6	0.7	60.8

TABLE VI.

RAINFALL FOR THE MONTH OF APRIL, 1891.

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,.....	...	0.010	0.005	0.010	0.015	...	...	...	0.215	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.255	11	0.10
„ 2,.....	...	...	...	...	...	...	...	...	...	...	0.025	...	0.055	0.005	0.005	...	0.035	...	0.005	0.010	0.010	0.025	0.010	0.005	0.190	10	0.29
„ 3,.....	...	...	...	...	...	0.015	...	0.060	0.070	...	0.050	0.010	0.040	0.020	...	0.005	...	0.010	0.015	...	...	...	...	0.240	0.535	19	1.32
„ 4,.....	0.305	0.080	0.325	0.010	...	...	...	...	...	0.060	0.100	...	...	...	...	...	...	...	...	...	...	...	...	...	0.880	9	0.25
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.10
„ 6,.....	...	0.115	...	0.015	...	...	...	...	0.010	0.005	...	...	...	...	...	...	...	0.025	0.010	...	...	...	...	...	0.180	6	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0.23
„ 12,.....	...	...	...	0.030	0.030	0.020	0.030	0.005	...	0.005	0.005	...	0.005	0.010	0.010	0.005	...	...	...	...	...	...	...	...	0.155	14	...
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	0.015	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	2	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	0.005	0.010	...	0.005	...	0.015	...	...	0.005	0.005	0.055	13	0.19
„ 17,.....	...	...	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.015	...	...	0.030	17	...
„ 18,.....	...	...	...	...	0.005	0.005	0.020	...	0.015	0.005	0.005	...	...	...	...	0.015	0.015	...	...	...	...	...	...	...	0.085	15	0.25
„ 19,.....	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.025	0.060	1	0.75
„ 20,.....	0.040	0.060	0.075	0.065	0.030	...	0.005	0.095	0.060	0.055	0.030	0.015	0.035	0.070	...	...	...	...	...	...	...	...	...	...	0.635	15	0.21
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	3	...
„ 23,.....	...	0.005	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	5	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	5	...
„ 26,.....	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	3	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 28,.....	...	0.005	0.005	0.010	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	7	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...
„	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.355	0.275	0.420	0.160	0.100	0.055	0.065	0.170	0.370	0.130	0.215	0.025	0.135	0.105	0.020	0.035	0.050	0.040	0.030	0.025	0.015	0.040	0.040	0.280	3.155	166	3.69

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 APRIL, 1891.

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,	9	20	8	21	8	20	8	22	8	19	8	19	9	18	8	6	2	7	8	12	9	23	8	21	8	23	8	26	7	25	8	22	8	24	7	25	8	27	6	27	7	21	7	17	8	21	8	22	488	20.3	8
" 2,	8	23	8	22	8	25	6	27	7	24	7	27	7	26	6	30	8	33	7	31	7	31	7	25	7	26	7	27	7	25	7	25	7	25	8	20	8	24	8	21	8	18	8	24	8	19	8	21	599	25.0	7
" 3,	8	19	6	24	6	20	7	12	14	23	16	13	16	15	27	9	29	8	8	11	8	14	8	24	8	20	8	26	8	28	8	28	8	24	8	24	8	17	8	20	8	25	8	20	8	24	9	21	469	19.5	8
" 4,	8	29	8	27	8	23	9	18	9	17	8	18	8	17	8	19	8	21	8	12	8	12	8	18	8	18	8	20	8	12	10	15	9	13	8	10	8	3	6	6	10	3	10	3	3	5	2	5	344	14.3	8
" 5,	32	6	14	5	4	10	3	12	1	13	32	9	32	12	29	8	30	7	32	10	32	12	32	13	1	12	1	11	3	7	4	7	9	12	9	16	8	12	4	11	6	15	6	20	6	22	7	23	285	11.9	4
" 6,	6	18	5	13	8	11	5	8	6	12	6	8	7	10	3	10	5	14	6	12	7	14	6	7	8	6	1	8	7	6	9	5	8	5	3	4	9	3	2	11	2	12	2	14	1	16	32	13	240	10.0	5
" 7,	32	13	32	10	32	11	2	7	2	9	32	7	32	6	1	8	32	8	4	11	32	11	29	6	32	11	32	10	7	2	32	5	32	2	26	2	...	1	25	5	27	7	24	2	18	3	17	4	161	6.7	32
" 8,	17	3	...	0	15	5	15	2	15	2	15	2	15	2	...	0	10	6	11	14	11	18	9	15	9	15	9	20	8	17	8	18	9	16	10	10	13	4	13	3	10	2	10	2	10	3	...	0	179	7.5	10
" 9,	...	0	...	0	11	2	14	2	14	2	8	5	8	9	8	7	8	9	8	10	8	16	8	16	8	17	8	12	9	13	8	17	8	18	8	16	8	14	8	12	8	13	8	15	8	12	8	10	247	10.3	8
" 10,	7	9	9	12	8	13	8	14	8	11	9	16	8	14	7	13	8	13	8	12	7	14	6	12	6	9	12	8	8	13	9	11	9	6	9	7	8	6	4	5	6	5	4	5	3	4	5	4	236	9.8	8
" 11,	7	5	8	8	8	12	9	14	8	15	7	13	8	11	8	13	8	7	9	4	10	5	15	8	15	7	15	10	16	12	15	11	15	9	14	8	9	9	10	9	10	7	9	9	10	9	10	8	223	9.3	10
" 12,	9	10	8	9	10	7	11	7	10	6	8	7	10	6	16	7	14	5	16	6	16	10	16	10	16	8	16	12	17	12	17	14	16	12	16	11	16	7	16	10	16	14	17	12	18	14	19	12	228	9.5	15
" 13,	18	16	18	17	18	15	18	18	18	18	17	15	18	17	18	11	16	11	18	10	17	19	17	19	18	15	18	19	18	15	17	12	16	12	14	7	14	7	8	8	7	12	6	8	5	9	5	10	320	13.3	17
" 14,	5	12	6	12	5	11	5	10	5	10	5	7	11	6	11	8	13	11	12	10	14	16	15	20	11	8	8	7	16	10	16	12	16	13	16	7	14	6	6	7	10	5	11	5	9	5	19	5	223	9.3	11
" 15,	7	5	6	3	6	5	6	6	6	7	7	10	8	7	7	8	7	11	6	7	7	4	16	11	17	9	28	13	28	17	24	15	26	12	24	9	24	7	26	8	24	11	25	10	25	7	25	9	211	8.8	28
" 16,	27	4	23	2	24	8	21	7	22	7	24	7	24	3	24	4	8	22	8	23	6	18	7	17	8	18	8	20	8	20	8	24	8	20	8	22	7	21	7	22	7	23	7	22	8	25	7	23	382	15.9	8
" 17,	8	23	8	24	8	24	7	20	7	21	7	22	7	22	8	18	8	23	8	20	8	22	8	12	26	8	28	6	26	6	23	3	25	6	27	5	1	6	1	4	32	3	23	2	23	7	22	4	311	13.0	7
" 18,	25	3	32	8	1	6	32	10	3	8	2	5	5	6	3	4	5	3	25	2	6	11	4	20	5	14	6	13	6	11	2	8	9	18	32	4	4	10	32	5	4	11	2	16	4	14	5	14	224	9.3	4
" 19,	6	18	5	18	7	28	7	24	7	27	6	15	6	15	7	16	6	13	6	14	4	14	6	11	7	10	32	8	1	5	1	7	2	2	8	2	2	4	10	8	8	13	8	8	4	8	8	9	297	12.4	6
" 20,	8	10	8	11	2	5	7	8	4	9	5	8	7	8	7	13	5	14	7	12	7	10	8	4	...	0	7	6	9	10	8	13	8	14	7	11	8	13	7	13	8	14	8	13	7	9	8	11	239	10.0	7
" 21,	8	14	7	15	8	9	7	11	8	13	7	15	8	16	7	16	8	20	8	20	7	22	8	22	8	21	8	23	8	22	8	22	8	20	8	20	8	20	8	14	8	14	7	10	8	11	9	10	400	16.7	8
" 22,	8	9	8	9	8	14	8	18	8	17	7	15	8	17	8	16	7	14	8	7	8	14	8	16	8	16	8	18	9	15	8	11	9	20	10	16	10	17	8	18	8	17	8	14	9	10	9	5	343	14.3	8
" 23,	9	6	10	4	9	15	8	17	8	15	8	12	9	15	8	12	8	15	8	16	8	21	8	19	8	22	8	24	8	22	8	17	8	14	8	12	9	11	8	10	8	13	9	8	9	9	9	10	339	14.1	8
" 24,	8	4	8	8	8	10	8	10	8	12	9	9	9	9	9	10	8	13	8	14	8	12	8	12	9	14	8	19	9	16	10	13	11	14	8	15	9	15	9	16	10	21	7	21	7	26	7	29	342	14.2	8
" 25,	7	27	7	29	7	25	7	30	7	24	8	25	7	23	7	27	7	25	7	25	7	26	8	23	7	23	7	26	8	22	8	25	8	22	8	22	8	23	8	22	8	20	8	17	7	16	8	14	561	23.4	7
" 26,	8	10	8	17	8	20	9	17	9	15	9	15	9	16	8	22	8	20	8	17	8	22	8	22	8	21	7	19	7	14	8	14	8	16	8	13	8	14	7	14	7	10	7	8	7	4	8	4	364	15.2	8
" 27,	8	4	7	3	...	0	...	1	...	1	...	1	...	0	10	2	10	2	22	7	7	7	8	16	8	20	8	20	8	18	8	19	8	17	8	18	8	20	9	18	9	16	9	14	7	16	7	16	256	10.7	8
" 28,	7	18	7	15	7	20	7	15	6	17	6	14	6	19	6	20	6	20	8	25	8	21	8	22	8	23	8	22	8	21	8	16	8	18	8	16	8	12	9	11	9	13	9	16	7	13	7	11	455	19.0	7
" 29,	7	16	8	22	7	21	8	21	7	20	7	25	7	24	7	23	7	20	7	20	8	24	8	22	8	23	8	22	8	21	8	16	8	18	8	16	8	12	9	11	9	13	9	16	7	13	7	11	450	18.7	8
" 30,	7	16	7	17	8	16	7	24	7	23	7	26	7	26	7	27	7	32	7	30	7	31	7	29	8	36	7	30	7	30	7	33	7	32	8	26	7	32	7	28	8	30	8	30	7	29	7	26	659	27.5	7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	370	...	385	...	411	...	412	...	417	...	390	...	395	...	387	...	427	...	424	...	494	...	492	...	473	...	505	...	467	...	462	...	455	...	391	...	383	...	384	...	407	...	386	...	391	...	367	10075	419.8	...
Means,	...	12.3	...	12.8	...	13.7	...	13.7	...	13.9	...	13.0	...	13.2	...	12.9	...	14.2	...	14.1	...	16.5	...	16.4	...	15.8	...	16.8	...	15.6	...	15.4	...	15.2	...	13.0	...	12.8	...	12.8	...	13.6	...	12.9	...	13.0	...	12.2	335.8	14.0	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR APRIL, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.07	10.67	0.83	0.43	+1.24	+10.24	E 7° N
2 „	2.18	11.23	0.81	0.30	1.37	10.93	E 7° N
3 „	2.13	11.87	0.87	0.47	1.26	11.40	E 6° N
4 „	2.60	11.83	1.30	0.43	1.30	11.40	E 7° N
5 „	2.75	11.53	1.80	0.43	0.95	11.10	E 5° N
6 „	2.50	10.83	1.27	0.33	1.23	10.50	E 7° N
7 „	2.13	11.10	1.70	0.33	0.43	10.77	E 2° N
8 „	2.60	10.97	0.83	0.67	1.77	10.30	E 10° N
9 „	2.57	12.40	0.90	0.27	1.67	12.13	E 8° N
10 „	1.83	12.50	1.13	0.40	0.70	12.10	E 3° N
11 „	2.50	14.00	2.03	0.13	+0.47	13.87	E 2° N
Noon.	1.93	13.33	2.37	0.27	−0.44	13.06	E 2° S
1 p.	1.83	13.33	1.63	0.50	+0.20	12.83	E 1° N
2 „	2.67	13.60	1.67	0.70	+1.00	12.90	E 4° N
3 „	1.77	12.83	1.97	0.83	−0.20	12.00	E 1° S
4 „	1.47	12.50	2.13	0.77	0.66	11.73	E 3° S
5 „	0.83	12.87	2.37	0.57	1.54	12.30	E 7° S
6 „	0.77	11.30	1.50	0.50	0.73	10.80	E 4° S
7 „	0.90	11.53	1.20	0.23	−0.30	11.30	E 2° S
8 „	2.20	11.10	0.93	0.40	+1.27	10.70	E 7° N
9 „	1.70	11.93	1.17	0.57	0.53	11.36	E 3° N
10 „	2.13	11.23	0.90	0.53	1.23	10.70	E 7° N
11 „	2.70	11.03	0.90	0.70	1.80	10.33	E 10° N
Midt.	2.13	10.30	1.07	0.80	+1.06	+ 9.50	E 6° N
Means,.....	2.04	11.91	1.39	0.48	+0.65	+11.43	E 3° 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.
1891.														
Apr. 1	28.08	28.01	28.04	64	61	60	65	60	NE	2	E	4	E	5
„ 2	.07	.05	.04	59	56	55	60	55	E	5	E	5	E	4
„ 3	.01	.00	.00	69	69	66	70	55	SW	4	SW	4	SW	4
„ 4	.08	.01	.02	63	63	62	67	62	E	4	E	4	E	5
„ 5	.13	.11	.09	61	62	60	64	58	NE	4	NE	4	NE	4
„ 6	.18	.18	.19	57	57	56	63	54	NE	4	NE	3	NE	4
„ 7	.29	.26	.27	52	55	53	56	51	NE	4	NE	3	NE	4
„ 8	.33	.24	.26	58	60	57	67	52	E	4	E	2	SE	3
„ 9	.22	.13	.14	60	61	59	63	57	SE	3	S	4	S	4
„ 10	.15	.08	.03	63	65	64	66	59	SSE	4	S	4	SW	5
„ 11	.07	.02	.05	68	70	69	70	64	SW	5	S	5	S	5
„ 12	.10	.00	.03	70	70	70	71	69	SW	5	SW	5	S	5
„ 13	27.98	27.97	.01	69	70	69	71	69	S	5	S	4	SW	4
„ 14	28.06	28.01	.00	69	70	67	71	69	S	6	S	6	S	5
„ 15	.05	.11	.10	70	66	65	70	65	SW	4	WSW	3	SW	4
„ 16	.13	.04	.04	64	63	62	65	62	SE	4	E	4	E	4
„ 17	.14	.12	.13	62	63	62	64	62	SE	4	E	3	E	4
„ 18	.20	.19	.18	58	58	57	62	56	E	4	NE	3	E	4
„ 19	.27	.20	.22	56	56	55	58	55	E	4	E	4	NE	4
„ 20	.25	.18	.16	57	57	56	58	55	E	3	E	3	E	4
„ 21	.18	.11	.12	60	63	62	63	56	E	4	SE	4	SE	4
„ 22	.15	.15	.14	67	66	66	68	61	SE	4	SE	4	SE	4
„ 23	.22	.14	.17	70	70	69	73	66	SE	3	SSE	3	S	4
„ 24	.22	.21	.19	69	70	65	75	65	SE	4	SE	4	E	4
„ 25	.21	.18	.16	63	65	64	67	63	E	4	SE	4	SE	4
„ 26	.22	.14	.16	70	70	67	74	63	SE	3	SE	3	SE	3
„ 27	.18	.14	.16	70	71	69	73	67	SE	3	SE	3	E	3
„ 28	.18	.14	.10	70	66	65	70	65	E	4	E	4	E	4
„ 29	.17	.15	.15	66	68	67	70	64	E	4	E	3	E	3
„ 30	.20	.18	.19	64	63	61	67	60	E	4	E	5	E	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	28.157	28.115	28.118	63.9	64.1	62.6	66.7	60.6	E 31°S	4.0	E 34° S	3.8	E 31° 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
1891.												
April 1, ...	10	nim.	...	10	nim.	...	10	nim.	E	8	sm-cum. / cum.	W / E
„ 2, ...	10	cum-nim.	...	10	cum-nim.	E	10	cum-nim.	E	10	str. / cum.	E
„ 3, ...	10	nim.	SE	10	nim.	SSE	10	cum-nim.	S	10	nim.	SSE
„ 4, ...	10	nim.	...	10	nim.	...	10	cum.	E	10	cum.	E
„ 5, ...	10	cum-nim.	...	10	cum-nim.	...	10	str. / cum.	...	10	sm-cum. / str.	WNW / ..
„ 6, ...	10	cum-nim.	...	10	nim.	...	10	str. / cum.	ENE	10	cum.	E
„ 7, ...	10	nim.	...	10	cum-nim.	...	10	str-cum.	...	10	str.	...
„ 8, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 9, ...	0	...	...	0	...	...	0	...	...	1	sm-cum.	W
„ 10, ...	0	...	...	6	cum.	...	10	sm-cum.	...	10	sm-cum.	WSW
„ 11, ...	10	cum.	...	10	cum.	...	10	nim	SSW	10	cum.	SSW
„ 12, ...	10	nim.	...	10	nim.	...	10	nim.	SSW	10	nim.	S
„ 13, ...	10	cum-nim.	SW	10	cum.	SW	10	cum.	SW	10	cum.	SW
„ 14, ...	10	nim.	...	10	nim.	...	10	nim.	SSE	10	str. / cum.	S
„ 15, ...	10	cum.	SSW	10	cum.	...	10	cum. / fog.	SSW / E	10	cum.	S
„ 16, ...	10	cum-nim.	...	10	cum.	...	10	nim.	...	10	str.	...
„ 17, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	nim.	E
„ 18, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	E
„ 19, ...	10	cum-nim.	...	10	cum.	...	10	cum-nim.	...	10	str.	...
„ 20, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	nim.	...
„ 21, ...	10	cum-nim.	E	10	cum.	E	10	str.	...	10	str.	...
„ 22, ...	...	fog.	...	10	cum.	...	10	str.	...	10	str.	...
„ 23, ...	10	nim.	...	10	nim.	...	10	str.	...	2	cum.	E
„ 24, ...	10	cum.	...	10	cum.	...	10	fog.	...	10	str. / cum.	E
„ 25, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum-nim.	...	10	str.	...
„ 26, ...	10	nim.	...	10	cum-nim.	...	10	cum.	ESE	5	sm-cum.	W
„ 27, ...	9	cum.	...	10	cum.	...	10	cum.	...	2	sm-cum.	...
„ 28, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	str.	...
„ 29, ...	10	nim.	...	10	nim.	...	10	str.	E	8	sm-cum. / cum.	W / E
„ 30, ...	10	cum-nim.	...	10	nim.	...	10	cum-nim.	E	10	cum-nim.	E
...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.6	...	...	9.2	...	...	9.3	...	...	8.5	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
April 1,...	10	str.	E	10	str.	...	10	cum-nim.	E	10	cum-nim.	...	9.8
„ 2,...	10	nim.	E	10	nim.	E	10	cum-nim.	...	10	nim.	...	10.0
„ 3,...	10	nim.	SSE	10	nim.	S	10	nim.	...	10	cum-nim.	...	10.0
„ 4,...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum-nim.	...	10.0
„ 5,...	10	str.	...	10	str./cum.	ESE	10	str./cum.	...	10	cum-nim.	E	10.0
„ 6,...	10	cum.	E	10	str-cum.	...	10	nim.	...	10	cum-nim.	...	10.0
„ 7,...	10	sm-cum.	W	3	sm-cum.	W	0	...	...	0	...	...	6.6
„ 8,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 9,...	0	...	...	1	cum.	S	0	...	...	1	cum.	...	0.4
„ 10,...	10	sm-cum.	WSW	10	sm-cum.	SW	10	cum-nim.	SW	10	cum-nim.	...	8.2
„ 11,...	10	cum.	SSE	10	sm-cum./cum.	SW/SSE	10	cum-nim.	SSE	10	cum-nim.	...	10.0
„ 12,...	10	cum-nim.	S	10	nim.	S	10	cum-nim.	S	9	cum-nim.	SW	9.9
„ 13,...	10	cum.	SW	10	cum.	SW	10	cum.	SW	10	cum-nim.	...	10.0
„ 14,...	10	cum.	SSE	8	cum.	S	9	cum.	SSW	10	cum-nim.	SSW	9.6
„ 15,...	9	cum.	SSE	10	str.	...	10	str.	...	10	str.	...	9.9
„ 16,...	10	nim.	E	10	nim.	E	10	cum-nim.	...	10	nim.	...	10.0
„ 17,...	10	nim.	...	10	str.	...	10	nim.	...	10	nim.	...	10.0
„ 18,...	10	cum.	ENE	10	cum.	NE	10	str./cum.	E	10	cum-nim.	...	10.0
„ 19,...	10	str-cum.	E	10	str.	...	10	str./cum.	...	10	nim.	E	10.0
„ 20,...	10	nim.	...	10	str./cum.	...	10	sm-cum./cum.	W/..	10	sm-cum./cum.	W/E	10.0
„ 21,...	10	sm-cum.	W	5	c-str./sm-cum.	W/W	2	sm-cum.	W	7	sm-cum./cum.	WSW/..	8.0
„ 22,...	9	cum.	E	10	str.	...	9	sm-cum./cum-nim.	ESE	10	nim.	ESE	8.5
„ 23,...	8	sm-cum./cum.	W/E	10	sm-cum./cum.	W/E	7	sm-cum./cum.	W/..	10	str.	...	8.4
„ 24,...	10	c-str./cum.	W/E	10	str./cum.	E	10	fog.	E	10	cum-nim.	E	10.0
„ 25,...	10	str.	...	10	R-cum.	E	10	nim.	E	10	nim.	E	10.0
„ 26,...	1	sm-cum.	W	1	sm-cum.	W	0	...	...	7	c-str.	W	5.5
„ 27,...	7	sm-cum./cum.	S	2	cum.	S	5	c-str.	W	10	cum.	E	6.9
„ 28,...	10	str.	...	10	R-cum.	E	10	cum-nim.	E	10	cum-nim.	E	10.0
„ 29,...	3	sm-cum./cum.	W/E	10	sm-cum.	W	10	cum.	E	3	cum.	E	8.0
„ 30,...	9	sm-cum./cum.	W/E	5	sm-cum.	W	2	cum.	E	1	cum.	E	7.1
...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.5	...	...	8.2	...	...	7.8	...	...	8.3	...	...	8.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MAY, 1891.

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,...	29.983	29.970	29.970	29.976	29.967	29.972	29.984	30.005	30.018	30.008	29.992	29.994	29.965	29.947	29.933	29.918	29.904	29.901	29.912	29.925	29.929	29.936	29.934	29.932	29.957
„ 2,...	.916	.901	.884	.878	.868	.876	.903	29.917	29.925	29.915	.907	.897	.866	.841	.820	.801	.792	.798	.810	.832	.838	.840	.836	.825	.862
„ 3,...	.811	.787	.768	.770	.769	.781	.799	.791	.799	.783	.772	.760	.736	.700	.680	.669	.662	.672	.674	.699	.722	.739	.737	.724	.742
„ 4,...	.717	.705	.700	.702	.739	.761	.781	.812	.818	.828	.830	.827	.798	.787	.778	.763	.754	.782	.804	.823	.838	.849	.854	.851	.788
„ 5,...	.838	.830	.830	.837	.850	.884	.910	.933	.948	.956	.958	.954	.936	.917	.894	.889	.881	.891	.898	.919	.932	.968	.963	.959	.907
„ 6,...	.938	.932	.908	.909	.905	.925	.938	.943	.950	.958	.955	.939	.917	.887	.861	.833	.840	.851	.855	.874	.889	.894	.902	.894	.904
„ 7,...	.878	.873	.857	.851	.856	.864	.880	.900	.898	.881	.873	.846	.819	.798	.766	.755	.748	.754	.760	.774	.797	.815	.823	.810	.828
„ 8,...	.804	.782	.765	.753	.761	.765	.769	.789	.794	.798	.790	.776	.756	.729	.702	.690	.682	.693	.710	.729	.743	.761	.766	.758	.753
„ 9,...	.745	.735	.723	.724	.722	.735	.754	.760	.770	.777	.778	.763	.737	.720	.690	.676	.665	.671	.686	.710	.731	.748	.753	.750	.730
„ 10,...	.719	.704	.694	.693	.699	.718	.736	.752	.760	.774	.775	.759	.718	.710	.703	.697	.696	.697	.733	.742	.755	.790	.789	.794	.734
„ 11,...	.768	.745	.724	.710	.716	.717	.736	.738	.743	.750	.746	.739	.727	.695	.679	.661	.641	.647	.657	.690	.715	.720	.727	.689	.713
„ 12,...	.684	.669	.647	.647	.659	.664	.685	.698	.715	.719	.716	.699	.678	.662	.650	.642	.636	.649	.667	.693	.700	.699	.696	.687	.678
„ 13,...	.662	.637	.629	.626	.630	.649	.672	.690	.696	.701	.701	.685	.661	.644	.619	.595	.616	.629	.616	.639	.671	.674	.667	.645	.652
„ 14,...	.629	.607	.621	.623	.641	.658	.666	.689	.691	.679	.671	.652	.630	.605	.600	.620	.606	.633	.616	.635	.646	.652	.663	.662	.641
„ 15,...	.647	.626	.613	.607	.616	.629	.660	.676	.678	.663	.659	.648	.635	.642	.657	.644	.612	.610	.621	.656	.681	.690	.683	.653	.646
„ 16,...	.635	.615	.620	.640	.657	.683	.683	.692	.691	.699	.677	.742	.709	.660	.608	.595	.618	.657	.684	.706	.730	.754	.764	.766	.679
„ 17,...	.753	.753	.743	.749	.752	.772	.791	.803	.813	.814	.814	.805	.798	.790	.786	.777	.777	.789	.816	.831	.835	.848	.844	.830	.795
„ 18,...	.812	.798	.784	.788	.789	.811	.838	.854	.860	.870	.871	.856	.832	.801	.777	.776	.767	.779	.780	.791	.806	.821	.818	.800	.812
„ 19,...	.774	.750	.739	.739	.720	.726	.728	.738	.735	.735	.717	.702	.663	.653	.640	.634	.635	.635	.624	.632	.642	.647	.657	.648	.688
„ 20,...	.623	.614	.606	.614	.605	.613	.625	.647	.656	.657	.650	.633	.614	.587	.571	.580	.574	.573	.595	.618	.620	.635	.649	.643	.617
„ 21,...	.638	.623	.606	.596	.601	.616	.619	.638	.658	.662	.661	.660	.654	.632	.625	.624	.617	.628	.653	.678	.683	.691	.676	.697	.643
„ 22,...	.716	.692	.676	.672	.674	.696	.731	.733	.737	.740	.764	.732	.724	.701	.679	.678	.676	.685	.683	.711	.732	.746	.753	.736	.711
„ 23,...	.744	.729	.722	.712	.718	.740	.748	.792	.798	.821	.807	.796	.786	.762	.748	.717	.719	.734	.749	.765	.764	.780	.780	.770	.758
„ 24,...	.757	.744	.736	.736	.743	.758	.777	.790	.804	.810	.814	.796	.773	.758	.740	.725	.721	.729	.735	.746	.770	.777	.771	.760	.761
„ 25,...	.745	.720	.707	.712	.719	.727	.752	.763	.769	.766	.756	.746	.734	.710	.685	.671	.667	.674	.685	.706	.713	.711	.698	.683	.717
„ 26,...	.673	.665	.658	.666	.661	.677	.686	.693	.699	.701	.704	.684	.669	.648	.629	.625	.612	.603	.615	.639	.645	.673	.686	.684	.662
„ 27,...	.688	.675	.669	.677	.676	.678	.702	.718	.738	.731	.711	.698	.680	.666	.656	.653	.646	.647	.657	.667	.676	.687	.690	.680	.682
„ 28,...	.678	.658	.650	.661	.656	.652	.662	.668	.670	.669	.663	.650	.635	.607	.572	.563	.555	.551	.577	.600	.587	.587	.597	.599	.624
„ 29,...	.583	.576	.559	.571	.574	.577	.586	.598	.619	.636	.638	.615	.591	.587	.608	.587	.575	.581	.600	.615	.623	.634	.639	.639	.600
„ 30,...	.625	.611	.617	.634	.634	.643	.662	.681	.693	.700	.696	.695	.687	.674	.659	.657	.655	.661	.683	.698	.714	.723	.740	.746	.674
„ 31,...	.737	.724	.734	.736	.731	.752	.774	.763	.771	.785	.785	.772	.752	.738	.728	.726	.711	.716	.722	.738	.749	.765	.762	.757	.747
Means,.....	29.739	29.724	29.715	29.716	29.720	29.733	29.750	29.763	29.771	29.774	29.769	29.759	29.738	29.718	29.705	29.692	29.686	29.694	29.706	29.725	29.738	29.750	29.752	29.744	29.732

TABLE II.

TEMPERATURE FOR THE MONTH OF MAY, 1891.

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,	67.4	67.1	67.4	67.0	66.9	67.4	68.4	68.2	70.6	69.0	69.5	71.3	71.4	70.8	70.7	71.4	70.4	70.0	69.3	68.9	68.9	69.0	69.3	69.6	69.2	71.8	65.9
„ 2,	69.6	69.8	69.9	69.9	69.8	69.9	71.9	72.4	73.4	74.4	74.7	74.7	73.8	74.0	74.6	74.4	72.5	72.0	71.5	71.4	71.3	71.3	71.2	71.2	72.1	75.2	69.2
„ 3,	71.4	71.4	71.5	71.6	71.6	71.5	72.5	73.4	74.3	75.1	76.2	76.3	74.7	75.2	75.2	75.1	74.5	74.5	73.4	73.5	75.4	75.5	76.2	76.7	74.0	78.2	70.6
„ 4,	76.4	75.1	75.6	75.8	68.9	69.2	69.3	69.0	69.6	70.8	72.4	75.3	74.3	73.4	74.2	74.0	72.4	71.4	70.9	70.9	70.9	70.6	70.6	70.8	72.2	77.1	67.1
„ 5,	70.8	71.1	70.8	70.7	70.7	71.6	72.8	72.7	73.4	73.3	72.0	72.4	72.5	72.3	72.4	72.0	71.3	70.6	70.3	70.5	70.5	70.3	70.0	69.5	71.4	73.4	68.9
„ 6,	69.3	68.6	68.5	68.5	67.9	67.9	68.0	68.8	70.0	69.1	70.4	71.8	71.4	72.4	73.5	72.8	72.0	71.4	70.3	70.3	70.0	69.9	69.9	69.9	70.1	74.6	66.9
„ 7,	69.9	69.8	70.1	70.3	70.4	71.2	72.0	74.0	75.4	77.1	75.6	75.4	75.4	75.5	75.4	74.7	73.9	73.4	72.8	72.3	72.3	72.2	72.1	71.8	73.0	77.5	68.9
„ 8,	72.3	72.4	72.4	72.2	72.5	73.0	75.2	75.4	77.4	78.3	80.4	79.4	82.4	82.4	82.3	80.9	78.9	76.7	75.5	75.2	74.9	74.4	74.4	73.1	76.3	84.3	71.4
„ 9,	73.0	72.7	72.6	72.2	72.1	73.5	75.4	76.2	76.4	77.2	77.1	77.0	77.8	78.4	77.6	80.0	77.4	75.4	75.4	75.6	75.6	75.4	75.8	75.8	75.7	81.4	71.4
„ 10,	76.0	76.7	76.8	76.5	76.3	76.8	77.5	78.4	77.4	79.4	80.7	82.8	85.2	*84.2	83.2	81.4	80.3	78.5	78.4	77.5	76.5	76.5	76.8	76.9	78.8	86.1	75.1
„ 11,	76.2	76.0	75.0	74.7	74.0	74.6	75.4	77.1	79.4	79.7	81.4	80.4	80.4	79.4	79.4	79.8	78.3	76.7	76.4	76.0	76.3	75.9	76.0	76.0	77.3	83.4	73.4
„ 12,	76.2	76.4	76.2	75.8	76.1	76.2	78.4	79.2	80.0	81.2	82.4	83.5	85.5	84.4	83.2	82.2	80.8	79.2	77.4	76.5	77.0	76.2	75.9	75.8	79.0	87.2	75.0
„ 13,	75.8	75.1	75.2	75.4	75.3	76.0	76.3	77.4	78.5	76.6	75.2	75.7	75.7	77.0	75.4	76.0	74.3	74.3	75.0	74.0	74.1	76.2	75.0	78.2	75.7	79.6	72.7
„ 14,	77.1	72.8	71.3	71.4	71.5	71.3	71.4	71.8	72.4	73.1	73.0	74.0	74.0	73.8	76.9	72.8	71.0	71.5	71.7	71.3	71.4	72.4	73.1	74.1	72.7	78.7	71.0
„ 15,	73.4	74.6	78.1	78.7	79 0	79.4	80.2	80.7	81.3	80.8	82.4	81.8	73.2	71.9	72.0	72.4	71.3	72.4	72.8	72.7	73.0	73.1	73.7	73.3	75.9	82.7	70.4
„ 16,	73.2	74.0	74.0	73.4	73.7	74.4	75.4	76.6	78.2	79.4	76.3	*71.6	73.0	74.2	76.9	76.9	77.4	76.0	76.0	75.5	75.4	73.0	71.7	70.8	74.9	80.4	69.7
„ 17,	69.8	69.1	68.9	68.0	67.9	68.0	68.4	68.7	69.1	69.3	69.3	69.7	69.8	70.2	69.2	69.5	69.5	69.4	69.4	69.5	69.5	69.5	69.9	69.9	69.2	70.8	66.6
„ 18,	70.0	70.2	70.2	70.0	69.9	70.0	70.2	71.0	72.3	71.9	73.0	74.7	74.5	75.1	73.6	72.7	72.7	72.4	71.7	71.9	72.2	72.4	72.7	72.8	72.0	75.5	68.5
„ 19,	72.8	72.8	72.8	72.8	72.5	72.9	72.9	73.0	74.3	75.6	79.5	79.7	81.5	81.4	79.2	78.4	77.9	76.6	76.4	77.8	78.0	77.8	78.1	78.0	76.4	84.8	71.7
„ 20,	78.1	77.4	77.3	77.2	76.8	77.3	78.4	79.3	80.3	78.6	81.0	82.2	82.5	83.5	82.4	81.4	77.5	75.7	74.1	74.0	74.1	74.4	74.8	74.2	78.0	84.7	73.3
„ 21,	74.2	74.6	74.7	74.7	74.8	75.3	77.4	79.3	80.5	81.0	82.2	84.0	83.2	75.6	72.4	74.0	72.5	73.4	73.5	73.9	74.0	75.0	74.4	74.8	76.2	84.0	72.2
„ 22,	74.8	75.4	75.3	74.2	75.5	75.2	73.9	73.4	74.0	76.7	75.5	75.3	74.8	75.9	76.7	77.4	78.5	78.6	77.5	77.5	78.3	80.1	79.2	79.2	76.4	80.2	71.9
„ 23,	79.6	79.3	79.4	79.4	79.5	79.5	80.0	73.4	72.3	73.0	75.3	78.7	80.5	79.7	83.2	81.4	81.2	78.0	80.5	80.4	80.0	79.6	79.7	80.0	78.9	83.2	71.6
„ 24,	79.7	79.7	79.8	79.8	79.8	79.9	80.6	81.2	81.4	82.2	83.9	83.1	83.4	84.4	82.4	82.4	81.9	81.4	80.6	80.4	80.3	79.9	79.9	80.0	81.2	85.4	79.4
„ 25,	80.1	79.7	79.9	79.8	79.9	80.7	81.0	82.0	82.8	82.4	83.4	84.4	84.4	85.2	85.2	84.2	82.6	81.2	80.5	79.5	80.0	80.4	80.2	80.1	81.6	85.4	79.3
„ 26,	79.8	79.8	79.2	79.8	79.7	79.8	80.7	81.0	80.5	80.4	80.9	80.6	82.5	83.4	85.1	83.0	82.4	80.9	80.7	80.6	80.4	80.4	80.6	80.7	81.0	85.1	78.8
„ 27,	80.3	80.8	80.1	80.2	80.2	80.8	81.0	81.9	82.8	83.4	84.4	84.4	84.0	83.5	83.4	83.5	83.4	81.9	81.4	80.7	80.9	80.8	81.2	81.3	81.9	86.2	79.6
„ 28,	81.6	81.4	81.3	81.4	81.0	81.7	81.4	81.8	82.9	84.5	84.4	85.4	85.8	85.1	84.5	85.2	83.9	82.8	82.4	82.4	82.4	82.0	82.2	82.0	82.9	87.7	81.0
„ 29,	81.9	81.9	81.6	81.7	81.8	82.0	82.2	82.8	81.9	76.0	75.0	76.8	78.6	78.9	78.8	75.5	76.9	76.2	75.8	76.0	76.0	76.0	76.0	76.1	78.6	84.4	74.5
„ 30,	76.0	76.1	75.0	74.9	74.8	74.9	74.2	74.0	75.5	75.3	77.2	76.3	76.5	76.5	75.6	75.2	75.0	75.2	74.5	74.4	74.6	74.3	73.9	74.1	75.2	77.2	73.6
„ 31,	74.1	74.0	73.8	73.8	74.3	74.7	75.5	75.6	76.0	76.0	77.5	77.8	78.5	79.0	78.5	78.3	77.3	76.6	76.6	76.6	77.3	76.5	76.8	77.1	76.3	80.4	73.1
Means,	74.9	74.7	74.7	74.6	74.4	74.7	75.4	75.8	76.6	76.8	77.5	78.0	78.1	78.0	77.8	77.4	76.4	75.6	75.2	75.1	75.2	75.2	75.2	75.3	75.9	80.9	72.3

* Interpolated.

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MAY, 1891.

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,...	63.5	63.0	62.9	63.1	62.7	61.8	62.0	61.8	62.8	61.6	63.7	63.5	63.0	62.9	63.7	63.6	63.5	63.5	63.9	64.6	64.6	66.0	66.6	66.9	63.6	131.8
" 2,...	67.0	67.2	67.5	67.6	67.6	67.4	68.2	68.9	68.9	68.9	69.0	69.1	69.1	69.1	69.9	69.7	68.6	68.3	68.6	68.9	68.9	69.3	69.7	69.9	68.6	140.2
" 3,...	70.0	70.1	70.2	70.3	70.3	70.3	71.2	71.8	71.9	72.2	73.2	73.2	72.4	73.2	73.4	73.1	73.9	73.0	72.1	71.6	72.0	73.0	73.7	74.2	72.1	139.1
" 4,...	74.2	73.9	74.0	74.3	68.4	68.1	68.9	68.2	68.2	69.7	70.4	71.8	71.1	70.7	70.9	70.0	69.4	69.6	69.0	68.9	69.0	69.4	69.2	68.8	70.3	135.5
" 5,...	68.2	68.1	67.9	67.9	68.0	68.7	69.5	68.8	68.9	68.8	67.3	67.0	66.8	65.9	66.0	65.7	66.1	65.8	66.3	66.8	66.8	66.5	66.4	65.9	67.3	128.6
" 6,...	65.4	65.3	64.9	65.0	64.1	63.3	63.9	63.8	64.8	64.2	64.9	65.0	64.9	66.7	67.9	67.3	66.5	67.6	66.5	65.8	65.6	66.8	67.0	67.2	65.6	134.4
" 7,...	67.3	67.7	68.0	68.9	68.9	69.1	69.5	70.2	70.9	72.5	71.0	70.9	71.2	71.5	71.2	71.5	70.9	70.7	70.3	70.4	70.4	69.9	69.9	70.0	70.1	134.9
" 8,...	69.9	70.0	70.0	69.9	70.1	70.8	72.4	71.9	71.9	72.2	73.0	73.9	73.7	74.9	74.0	72.8	71.9	71.9	72.1	70.8	70.6	71.2	70.9	70.9	71.7	138.1
" 9,...	70.8	70.8	70.7	70.8	70.8	71.5	72.9	73.1	73.8	74.2	73.9	74.0	74.7	74.8	74.2	75.0	74.2	73.9	73.5	73.4	73.5	73.9	74.1	74.2	73.2	134.9
" 10,...	74.1	74.7	74.2	74.1	74.1	74.6	75.0	75.9	75.9	75.6	77.0	76.9	77.5	*77.1	76.7	75.9	75.2	74.9	75.0	75.0	75.0	74.4	74.5	74.5	75.3	144.2
" 11,...	74.0	73.9	73.7	72.9	71.8	72.7	73.1	73.3	73.8	74.2	74.7	73.9	74.0	74.0	74.0	74.2	74.9	74.0	73.9	73.7	73.7	73.4	73.3	72.9	73.7	142.3
" 12,...	72.9	71.7	71.4	71.8	71.5	71.4	72.0	73.0	73.3	74.0	73.2	74.8	74.9	73.1	74.2	73.3	72.6	73.1	72.9	72.9	73.3	72.9	73.0	73.1	72.9	141.3
" 13,...	73.2	73.2	73.4	73.3	73.3	73.9	74.3	74.9	75.7	74.9	74.7	74.7	74.5	75.4	74.1	71.7	71.9	72.3	72.9	72.9	72.9	74.2	73.6	76.3	73.8	124.9
" 14,...	75.9	71.6	70.9	70.9	71.1	70.3	70.7	70.8	71.6	72.2	72.3	72.7	72.9	72.8	75.8	71.9	70.1	70.2	70.2	70.2	70.4	71.9	71.7	72.2	71.7	111.3
" 15,...	72.4	72.9	76.4	76.6	76.0	76.6	76.8	77.9	76.8	77.2	77.5	76.9	70.8	70.7	71.3	71.0	70.4	70.5	70.8	70.9	71.1	71.5	71.3	71.8	73.6	127.6
" 16,...	71.8	72.3	72.7	72.0	72.4	72.7	73.8	74.0	75.2	75.9	74.2	*71.0	71.9	70.0	72.0	72.4	72.2	71.7	72.4	72.8	72.7	71.8	70.0	68.8	72.4	129.7
" 17,...	67.9	67.1	66.3	66.1	66.1	66.2	66.6	66.0	66.0	66.1	65.9	66.5	67.1	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.3	67.3	66.7	94.8
" 18,...	67.5	67.7	67.4	67.3	67.4	67.5	67.3	67.8	68.8	68.7	68.8	70.1	70.9	70.9	70.5	70.0	69.9	69.7	69.9	70.0	70.0	70.0	70.5	70.7	69.1	133.5
" 19,...	70.9	71.0	71.0	71.1	71.5	71.9	72.5	72.8	73.7	74.6	77.0	76.6	76.9	77.1	76.0	75.9	76.2	76.1	75.8	75.5	75.5	75.2	75.1	75.1	74.4	146.5
" 20,...	75.4	75.8	75.8	75.6	75.5	76.0	76.8	77.0	77.8	77.1	78.1	78.0	78.0	78.0	78.0	77.1	75.3	74.8	72.9	72.7	72.8	73.4	73.1	73.0	75.7	138.1
" 21,...	73.0	73.7	73.5	73.2	73.2	73.4	75.9	76.9	77.0	77.1	77.7	77.8	78.5	73.1	71.0	70.9	71.1	71.3	71.3	71.2	71.4	72.1	72.0	72.8	73.7	129.7
" 22,...	73.5	74.5	75.0	72.2	72.3	72.8	72.9	72.4	72.8	75.4	70.0	73.9	73.0	72.0	72.7	74.6	75.9	75.4	77.2	76.0	76.3	77.3	77.2	76.8	74.3	106.2
" 23,...	76.8	76.8	76.9	76.8	76.8	76.9	77.0	72.9	72.0	72.8	72.8	77.7	77.8	78.4	78.4	77.5	77.2	76.2	77.0	76.8	76.9	77.2	76.8	76.8	76.4	124.9
" 24,...	76.8	76.8	76.8	76.8	77.0	77.3	77.8	77.8	77.9	78.2	78.4	78.2	78.8	78.1	77.7	77.0	77.9	77.0	76.9	76.9	76.9	77.0	76.6	77.0	77.4	146.5
" 25,...	76.3	76.5	76.2	75.8	75.8	76.3	76.9	76.8	76.0	76.7	77.6	77.6	77.9	78.1	77.8	78.0	77.2	76.4	76.0	76.9	76.8	76.0	76.6	76.5	76.8	147.8
" 26,...	76.3	76.7	76.2	76.1	76.1	76.6	77.5	76.9	77.0	76.7	76.3	76.9	77.0	77.9	78.0	77.1	76.9	76.2	75.8	76.2	76.2	76.2	76.3	76.1	76.6	137.5
" 27,...	76.1	75.8	76.1	76.1	76.1	76.0	76.6	76.6	76.8	77.1	77.5	77.6	77.3	77.4	77.4	77.9	78.0	76.6	76.5	77.2	77.5	77.3	77.0	77.0	76.9	144.4
" 28,...	77.3	77.2	77.7	77.4	77.7	77.7	77.9	78.0	78.7	79.7	79.4	79.4	79.8	79.7	79.2	79.4	78.9	78.2	78.2	78.2	78.2	78.7	78.2	78.8	78.5	145.5
" 29,...	78.8	79.0	79.0	79.0	79.1	79.1	79.8	79.8	79.7	75.3	73.6	75.0	75.9	76.3	75.7	74.9	73.7	74.6	74.6	74.3	74.3	74.6	74.6	74.6	76.5	105.6
" 30,...	74.4	74.4	74.3	73.9	73.7	73.9	73.7	72.9	73.6	73.8	74.6	73.9	74.1	74.1	73.9	73.3	73.6	73.6	73.0	72.9	73.4	73.3	73.3	73.0	73.7	131.8
" 31,...	73.0	73.0	72.8	73.0	73.7	74.0	74.5	74.6	74.6	74.6	75.5	75.9	75.9	76.3	76.4	76.0	75.6	75.7	75.9	76.0	76.0	76.0	75.9	76.3	75.1	140.3
Means,.....	72.4	72.3	72.4	72.3	72.0	72.2	72.8	72.8	73.1	73.3	73.3	73.7	73.6	73.4	73.5	73.1	72.8	72.6	72.5	72.5	72.6	72.8	72.8	72.9	72.8	132.6

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MAY, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	88	0.769	May 1,.....	73	0.515
2 „	88	.767	„ 2,.....	83	.653
3 „	89	.771	„ 3,.....	90	.763
4 „	89	.768	„ 4,.....	90	.717
5 „	88	.759	„ 5,.....	80	.615
6 „	88	.763	„ 6,.....	78	.572
7 „	88	.778	„ 7,.....	86	.699
8 „	86	.773	„ 8,.....	79	.717
9 „	84	.774	„ 9,.....	88	.785
10 „	84	.779	„ 10,.....	84	.831
11 „	81	.770	„ 11,.....	84	.784
Noon.	81	.780	„ 12,.....	74	.728
1 p	80	.774	„ 13,.....	91	.810
2 „	80	.767	„ 14,.....	95	.765
3 „	81	.774	„ 15,.....	89	.799
4 „	81	.763	„ 16,.....	88	.764
5 „	84	.764	„ 17,.....	87	.623
6 „	86	.767	„ 18,.....	85	.674
7 „	87	.769	„ 19,.....	91	.826
8 „	88	.770	„ 20,.....	90	.859
9 „	88	.773	„ 21,.....	88	.799
10 „	88	.781	„ 22,.....	91	.821
11 „	88	.781	„ 23,.....	89	.877
Midt.	88	.784	„ 24,.....	84	.890
			„ 25,.....	80	.858
			„ 26,.....	81	.857
			„ 27,.....	79	.859
			„ 28,.....	81	.916
			„ 29,.....	91	.886
			„ 30,.....	93	.813
			„ 31,.....	94	.856
Means,.....	86	0.772	Means.	86	0.772

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.
1891.														
May 1,.....	...	0.9	0.5	0.6	0.1	0.1	0.1	0.5	0.1	0.9	1.0	1.0	0.3	6.1
„ 2,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.6	1.0	0.6	...	...	8.4
„ 3,.....	...	0.1	0.1	0.1	0.9	0.3	...	...	0.6	0.5	...	0.1	...	2.7
„ 4,.....	...	...	...	...	...	0.1	0.6	1.0	1.0	1.0	0.9	0.4	...	5.0
„ 5,.....	0.4	0.7	0.5	0.7	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.3	...	9.3
„ 6, ...	...	...	0.1	...	...	...	0.4	0.4	0.2	1.0	1.0	0.5	...	3.6
„ 7,.....	...	...	0.3	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	...	9.0
„ 8,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.3
„ 9,.....	...	1.0	0.3	0.5	0.5	0.1	0.6	1.0	1.0	1.0	1.0	1.0	0.4	8.4
„ 10,.....	...	...	0.4	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	0.4	0.2	8.1
„ 11,.....	...	...	...	0.7	0.3	0.9	0.6	0.9	0.5	0.6	0.8	0.4	...	5.7
„ 12,.....	0.1	0.5	0.4	0.4	0.5	1.0	1.0	1.0	0.8	0.5	0.3	0.7	0.3	7.5
„ 13,.....	...	...	...	0.2	...	...	...	...	...	...	...	...	...	0.2
„ 14,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 15,.....	...	0.1	0.3	0.4	0.2	0.2	...	...	...	...	...	...	...	1.2
„ 16,.....	...	...	0.2	0.8	...	...	...	...	...	0.4	1.0	0.5	...	2.9
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 18,.....	...	...	0.2	0.1	...	0 1	0.5	0.9	1.0	1.0	0.9	1.0	...	5.7
„ 19,.....	...	...	...	0.1	0.1	0.6	0.7	0.9	0.5	0.2	...	...	...	3.1
„ 20,.....	...	0.6	0.7	0.5	0.4	0.5	0.1	0.8	1.0	0.1	...	...	...	4.7
„ 21,.....	...	...	...	...	0.2	0.1	0.6	0.1	...	...	...	...	...	1.0
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	0.2	...	0.2
„ 23,.....	...	...	...	...	...	...	...	0.2	0.5	0.4	0.9	0.4	...	2.4
„ 24,.....	...	...	...	...	0.1	0.8	1.0	1.0	1.0	0.2	...	...	...	4.1
„ 25,.....	...	0.1	0.1	0.2	0.2	0.6	1.0	0.9	1.0	1.0	1.0	0.9	0.1	7.1
„ 26,.....	...	...	...	...	...	...	...	...	...	0.9	0.7	0.7	...	2.3
„ 27,.....	...	0.4	0.8	0.6	0.8	1.0	1.0	0.9	1.0	0.9	0.9	0.7	0.1	9.1
„ 28,.....	...	...	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	7.4
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 30,.....	...	...	...	0.2	...	0.1	...	...	...	...	...	...	...	0.3
„ 31,.....	...	0.2	0.4	0.5	0.6	0.8	0.9	0.6	1.0	0.9	1.0	1.0	0.6	8.5
Sums,.....	0.5	6.6	7.3	10.5	10.2	13.1	15.1	16.3	16.8	17.5	16.2	13.0	2.3	145.4

TABLE VI.

RAINFALL FOR THE MONTH OF MAY, 1891.

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,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.150	0.375	0.015	0.210	...	...	...	...	...	0.750	2	2.64
„ 4,.....	...	...	...	0.200	1.050	0.020	0.035	0.145	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.470	5	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	...	...	...	...	...	...	0.020	0.010	0.120	0.130	0.050	0.060	0.075	...	0.030	0.040	0.125	0.005	0.025	0.030	0.030	0.035	0.060	0.845	10	8.40
„ 14,.....	1.400	1.650	1.030	0.820	0.770	0.710	0.510	0.185	0.020	0.040	0.025	0.075	0.220	0.340	0.310	0.900	1.150	0.245	0.005	...	...	...	...	...	10.405	19	4.10
„ 15,.....	...	0.025	0.010	...	0.015	...	0.020	...	0.005	...	...	...	0.680	0.250	0.870	0.480	0.055	0.010	...	...	...	...	...	0.225	2.645	11	3.86
„ 16,.....	0.010	...	...	...	...	...	...	...	...	...	...	1.200	0.250	0.090	...	...	...	...	...	...	...	0.070	0.040	...	1.660	6	2.70
„ 17,.....	...	0.015	0.015	...	0.030	0.015	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.080	6	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.35
„ 19,.....	...	...	...	...	...	...	0.180	0.820	0.990	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	1.995	4	...
„ 20,.....	...	...	0.020	...	...	...	...	...	0.195	...	0.115	...	...	...	...	...	0.185	0.480	...	0.005	0.005	...	...	0.040	1.045	7	1.96
„ 21,.....	0.060	...	...	...	...	...	...	...	...	...	...	...	...	...	0.065	0.005	0.005	...	...	...	...	0.015	...	0.025	0.175	7	2.70
„ 22,.....	0.580	0.310	0.700	0.140	0.025	...	0.045	0.005	0.010	0.075	0.150	0.125	0.095	...	...	...	...	...	...	...	...	...	...	...	2.260	12	2.65
„ 23,.....	...	...	...	...	...	...	0.020	0.470	1.485	0.265	0.220	...	...	...	...	...	...	...	...	...	...	...	...	...	2.460	6	0.67
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	0.005	0.010	...	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	0.045	2	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 28,.....	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1	...
„ 29,.....	...	...	...	...	...	...	...	...	0.095	1.355	0.050	...	...	...	0.400	0.060	...	...	...	...	...	...	...	...	1.960	5	4.10
„ 30,.....	...	...	...	...	...	...	0.105	0.060	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.005	0.180	6	...
„ 31,.....	...	0.005	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	5	...
Sums, ...	2.050	2.005	1.780	1.165	1.890	0.745	0.925	1.710	2.820	1.875	0.690	1.480	1.305	0.755	1.645	1.625	1.815	0.875	0.220	0.030	0.035	0.120	0.080	0.355	27.995	115	35.13

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 MAY, 1891.

Date.	1 a.		2 a.		3 a.		4 a.		5. a		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
May 1,	7	26	8	26	8	24	7	21	7	25	7	30	7	29	7	25	8	26	8	28	7	32	8	26	7	29	7	27	8	25	8	20	8	22	7	20	8	16	8	17	8	14	8	16	7	13	7	11	548	22.8	7
" 2,	7	10	7	8	9	7	9	13	9	13	8	14	9	14	8	14	8	16	8	15	8	18	8	19	8	19	8	19	7	17	8	17	8	19	8	16	8	14	8	10	8	12	8	15	7	13	8	7	339	14.1	8
" 3,	8	3	8	6	8	8	8	11	8	10	8	9	8	8	8	15	8	14	8	17	8	20	7	16	8	18	7	19	8	19	7	14	12	9	12	12	8	13	16	12	16	11	16	12	16	9	16	10	295	12.3	9
" 4,	23	8	27	5	29	5	10	12	4	11	13	2	8	5	8	10	8	12	8	11	7	13	8	9	8	15	8	23	9	20	8	18	8	20	8	21	8	14	8	8	7	10	8	6	11	11	11	14	283	11.8	8
" 5,	9	12	9	13	12	7	12	7	12	10	10	10	7	16	7	30	7	33	7	28	7	33	8	29	7	30	7	32	7	31	8	32	8	26	8	29	8	25	8	27	8	27	7	25	7	27	6	18	557	23.2	8
" 6,	7	25	7	29	7	28	7	23	7	24	7	24	7	26	7	29	7	24	8	23	8	23	8	21	8	19	8	17	8	14	8	19	8	20	8	16	8	17	8	17	8	15	8	15	8	6	8	7	481	20.0	7
" 7,	10	5	8	4	7	4	7	3	...	1	11	5	10	5	7	6	7	5	8	9	8	16	8	17	8	17	8	17	8	15	8	13	8	10	6	9	8	10	8	10	8	6	...	0	29	3	...	0	190	7.9	8
" 8,	...	1	29	2	29	2	...	0	...	0	...	0	...	0	29	2	23	5	26	6	24	5	9	5	14	6	4	4	16	9	16	8	15	5	15	3	16	6	16	4	...	1	...	1	...	0	...	1	76	3.2	17
" 9,	...	1	...	0	16	2	...	1	16	3	12	2	12	4	8	10	8	16	8	12	9	16	8	14	8	16	8	14	8	10	13	10	9	12	8	10	12	5	8	3	8	4	9	6	10	5	12	5	181	7.5	9
" 10,	11	5	15	9	15	8	16	5	16	4	16	4	15	2	8	4	8	9	8	10	8	10	8	4	15	10	16	14	16	13	15	12	14	17	14	18	14	12	8	8	10	7	8	4	...	1	3	2	192	8.0	13
" 11,	11	3	32	2	12	7	8	9	7	12	8	15	8	11	8	8	8	7	8	10	8	13	8	18	8	18	8	20	8	20	8	15	9	16	9	15	8	16	8	16	8	14	8	11	9	7	11	6	289	12.0	9
" 12,	11	6	11	7	9	3	...	0	...	0	9	2	...	0	...	1	9	3	27	10	24	10	24	10	16	10	16	14	16	10	16	10	16	10	16	9	10	3	10	5	12	8	10	8	10	8	5	4	151	6.3	15
" 13,	5	6	7	8	8	6	7	10	4	6	7	5	7	5	7	6	7	6	6	5	9	5	7	4	30	4	15	2	23	8	16	6	32	3	21	5	8	8	30	6	29	3	25	3	28	7	17	7	134	5.6	6
" 14,	29	15	4	23	25	7	7	11	8	13	8	15	7	12	7	10	8	7	8	14	8	15	7	15	8	17	7	13	25	13	25	13	16	6	24	8	29	5	1	5	32	2	5	5	8	9	7	7	260	10.8	6
" 15,	8	7	8	7	17	18	18	14	18	18	18	15	18	22	18	23	19	24	18	17	19	25	18	25	29	25	19	12	24	12	16	6	15	6	6	7	7	8	8	12	8	9	8	8	8	9	8	8	337	14.0	17
" 16,	2	7	6	4	7	3	4	3	...	0	6	5	10	5	8	2	9	6	10	4	8	23	19	18	27	26	4	13	12	8	9	8	8	7	8	12	8	15	8	21	7	23	7	26	7	21	7	29	289	12.0	7
" 17,	6	28	7	30	7	32	6	33	7	29	7	28	7	24	5	20	6	20	6	22	8	22	8	20	7	15	8	13	8	15	8	15	7	16	8	17	7	15	8	15	7	19	7	15	7	13	7	15	491	20.5	7
" 18,	8	15	8	15	7	17	7	17	7	17	7	14	7	15	7	15	8	19	7	15	7	15	8	14	9	18	9	19	9	21	8	19	8	16	8	16	8	20	8	16	8	19	8	14	7	10	8	7	383	16.0	8
" 19,	8	10	8	11	8	12	8	12	7	16	7	17	7	15	7	14	6	10	...	1	22	5	24	6	25	5	18	10	18	9	20	6	21	5	28	6	...	0	23	6	22	8	22	7	20	8	20	9	208	8.7	10
" 20,	20	9	21	6	25	8	23	10	27	6	26	7	25	8	26	6	25	11	23	10	18	9	20	11	20	15	20	18	18	9	18	4	7	13	8	10	11	8	9	10	8	18	8	18	8	16	8	18	258	10.8	17
" 21,	8	18	8	13	8	16	7	16	7	17	5	13	8	15	16	19	17	16	17	13	16	16	19	12	16	11	8	30	8	31	8	30	8	32	8	25	7	23	8	22	8	25	8	27	8	26	7	19	485	20.2	9
" 22,	7	12	7	12	30	13	12	14	9	8	22	6	28	10	15	3	11	10	8	8	12	11	8	9	9	11	8	8	3	7	8	11	15	4	14	11	8	8	7	7	12	8	15	11	14	16	15	19	237	9.9	10
" 23,	15	12	15	11	15	10	15	14	15	13	16	13	16	12	26	26	26	14	3	5	5	7	5	6	11	6	12	10	15	13	14	13	14	12	9	7	14	14	14	13	14	9	16	14	14	12	15	14	280	11.7	15
" 24,	14	12	15	13	15	14	15	14	16	10	16	10	16	9	16	10	16	7	16	11	17	14	17	12	16	10	18	17	18	14	18	13	18	12	18	12	18	12	17	9	17	4	17	2	17	5	16	2	248	10.3	17
" 25,	18	7	15	6	19	10	18	9	18	11	18	11	18	10	19	10	19	18	20	16	19	18	19	21	19	21	20	20	20	16	19	17	20	16	20	17	19	16	21	14	21	14	20	7	19	14	19	14	333	13.9	19
" 26,	20	8	20	7	20	9	19	14	18	14	19	15	19	16	18	10	18	15	19	18	19	23	19	24	19	22	20	18	19	20	19	16	18	14	18	18	18	17	18	14	19	11	17	8	18	11	18	16	358	14.9	19
" 27,	18	16	18	16	18	13	18	15	18	12	18	12	18	10	18	17	18	11	20	14	17	20	18	17	17	17	17	20	18	24	19	14	17	16	17	17	17	14	16	12	15	12	16	17	16	12	17	14	362	15.1	17
" 28,	18	16	18	19	18	22	19	22	19	22	18	22	18	25	19	24	19	20	19	21	22	19	20	15	20	22	19	18	18	30	18	28	18	24	18	20	19	14	19	14	18	15	19	19	19	21	19	23	495	20.6	19
" 29,	19	20	20	18	20	15	20	15	20	17	20	15	21	15	20	16	20	19	30	11	14	5	14	3	5	2	...	0	28	9	28	5	15	3	7	3	...	1	8	8	8	12	8	14	8	16	9	16	258	10.7	18
" 30,	8	19	8	21	8	25	7	21	7	23	7	23	7	27	8	26	8	22	8	22	8	26	8	23	8	26	8	24	8	22	8	22	8	20	8	24	8	20	8	22	8	23	8	22	8	23	8	22	548	22.8	8
" 31,	8	21	8	20	8	22	8	20	8	19	8	18	8	18	8	21	8	22	8	23	8	22	8	20	8	21	8	17	8	19	7	17	7	18	8	17	7	15	8	12	8	9	8	8	8	9	8	7	415	17.3	8
Sums,	...	363	...	371	...	377	...	389	...	384	...	381	...	393	...	432	...	447	...	429	...	509	...	463	...	501	...	502	...	503	...	451	...	429	...	430	...	384	...	375	...	372	...	364	...	361	...	351	9961	415.0	...
Means,	...	11.7	...	12.0	...	12.2	...	12.5	...	12.4	...	12.3	...	12.7	...	13.9	...	14.4	...	13.8	...	16.4	...	14.9	...	16.2	...	16.2	...	16.2	...	14.5	...	13.8	...	13.9	...	12.4	...	12.1	...	12.0	...	11.7	...	11.7	...	11.3	321.3	13.4	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR MAY, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.50	7.52	3.32	1.76	−1.82	+5.76	E 18° S
2 „	1.39	8.23	3.26	1.35	1.87	6.88	E 15° S
3 „	1.23	7.16	3.90	2.06	2.67	5.10	E 28° S
4 „	1.23	8.13	4.32	1.81	3.09	6.32	E 26° S
5 „	1.55	7.95	4.00	1.65	2.45	6.30	E 21° S
6 „	1.35	7.84	3.81	1.74	2.46	6.10	E 22° S
7 „	1.35	8.03	3.77	2.03	2.42	6.00	E 22° S
8 „	1.68	8.39	3.81	2.58	2.13	5.81	E 20° S
9 „	1.10	9.10	3.90	2.87	2.80	6.23	E 24° S
10 „	1.35	8.92	3.16	2.58	1.81	6.34	E 16° S
11 „	0.74	10.84	4.52	2.75	3.78	8.09	E 25° S
Noon.	0.35	9.32	4.42	3.06	4.07	6.26	E 33° S
1 p.	1.84	9.61	4.37	3.06	2.53	6.55	E 21° S
2 „	0.97	10.61	4.87	2.32	3.90	8.29	E 25° S
3 „	0.77	9.39	5.45	3.06	4.68	6.33	E 36° S
4 „	0.42	9.13	4.81	2.06	4.39	7.07	E 32° S
5 „	0.42	9.32	4.81	1.23	4.39	8.09	E 28° S
6 „	0.52	9.42	4.19	1.65	3.67	7.77	E 25° S
7 „	0.55	9.05	3.40	1.13	2.85	7.92	E 20° S
8 „	0.35	8.74	2.81	1.16	2.46	7.58	E 18° S
9 „	0.48	9.13	2.71	1.10	2.23	8.03	E 16° S
10 „	0.55	8.43	2.97	0.85	2.42	7.58	E 18° S
11 „	0.87	8.01	3.58	1.23	2.71	6.78	E 22° S
Midt.	0.87	7.13	4.39	1.19	−3.52	+5.94	E 31° S
Means,.....	0.98	8.73	3.94	1.93	−2.96	+6.80	E 24° S

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.
1891.														
May 1	28.23	28.17	28.19	62	67	64	67	60	E	5	E	3	E	2
„ 2	.19	.13	.11	69	70	68	70	64	SE	3	SE	3	SE	4
„ 3	.09	27.98	27.97	70	70	69	71	68	SE	4	SE	5	S	4
„ 4	.10	28.06	28.06	68	72	68	72	68	NW	3	W	2	E	4
„ 5	.13	.16	.18	67	67	66	69	66	E	5	E	4	E	4
„ 6	.17	.13	.18	67	70	68	71	65	E	4	E	3	E	3
„ 7	.16	.08	.12	71	72	71	74	69	SE	3	SW	3	SW	2
„ 8	.12	.03	.03	72	72	69	74	69	SW	2	SW	4	S	3
„ 9	.08	.02	.01	72	73	71	75	69	SW	3	SW	4	S	4
„ 10	.08	.01	.02	74	73	72	76	71	S	2	S	4	SE	5
„ 11	.05	27.98	.00	74	76	74	77	71	SE	4	SE	3	SE	2
„ 12	.06	28.00	.02	75	74	72	76	71	E	2	S	4	S	4
„ 13	.02	27.94	27.96	74	71	70	74	70	S	4	S	4	SE	4
„ 14	27.99	.96	.98	72	70	67	74	67	S	4	SW	5	S	5
„ 15	28.00	.95	.98	75	71	70	75	67	S	5	SW	3	SW	4
„ 16	.00	.95	.99	74	73	71	74	69	SW	2	SW	3	SE	4
„ 17	.06	28.04	28.03	64	64	64	74	64	E	5	E	4	E	4
„ 18	.12	.07	.09	65	68	68	69	64	E	3	E	2	E	3
„ 19	.04	27.95	27.98	71	72	72	74	68	SW	4	SW	4	SW	4
„ 20	27.96	.94	.95	75	74	74	75	71	SW	4	SW	4	S	5
„ 21	.96	.95	.97	75	71	70	75	70	SW	5	SW	4	SW	5
„ 22	.96	.99	28.01	75	72	71	75	70	SW	5	SE	5	S	5
„ 23	28.09	28.07	.04	71	75	74	75	71	W	5	SW	4	S	5
„ 24	.10	.04	.06	74	74	74	76	72	SW	5	S	5	S	4
„ 25	.07	.02	.03	74	74	73	76	74	SW	4	S	5	S	5
„ 26	.01	27.95	27.95	73	73	73	76	70	SW	5	SW	5	SW	5
„ 27	.03	.99	.96	74	74	73	76	73	SW	5	SW	5	SW	5
„ 28	27.98	.96	.97	75	76	75	77	72	S	5	SW	4	SW	5
„ 29	.98	.91	.96	75	74	73	75	72	NW	4	NW	3	SW	2
„ 30	28.00	.97	.99	73	73	71	75	71	SW	3	SE	4	SE	4
„ 31	.08	28.04	28.03	74	76	74	76	72	SE	4	S	3	S	4
Means,	28.062	28.014	28.026	71.7	72.0	70.6	74.0	69.0	S 6° W	3.9	S 7° W	3.8	S 9° E	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
1891.												
May 1, ...	6	cum.	...	10	cum.	...	3	c-cum. / sm-cum. / cum.	.. / SSE / ..	9	c-cum. / sm-cum.	SSE
„ 2, ...	10	cum-nim.	...	9	cum.	...	2	sm-cum. / cum.	SSE	2	sm-cum. / cum.	...
„ 3, ...	6	sm-cum.	SSE	8	cum.	S	10	c-cum. / sm-cum. / cum.	.. / SSE / S	8	c-cum. / sm-cum. / cum.	.. / SSE / S
„ 4, ...	10	cum-nim.	S	10	cum-nim.	...	10	nim.	...	8	sm-cum. / str.	SSW / ..
„ 5, ...	0	...	...	0	...	...	9	cum.	E	8	c-str. / cum.	E
„ 6, ...	6	str-cum.	...	10	cum.	...	10	cum.	E	10	cum.	E
„ 7, ...	0	...	...	8	str-cum.	...	10	cum.	S	2	c. / cum.	WSW / E
„ 8, ...	0	...	...	0	...	...	1	sm-cum.	...	2	c. / cum.	...
„ 9, ...	0	...	...	1	sm-cum.	...	9	c-str. / c-cum. / sm-cum / cum.	S	9	sm-cum. / cum.	SW / ..
„ 10, ...	10	cum.	...	6	sm-cum.	...	10	cum.	SSW	4	sm-cum. / cum.	W / SSE
„ 11, ...	5	sm-cum.	...	3	cum.	S	10	str. / cum.	ESE	8	c-str. / c-cum.	WSW / WSW
„ 12, ...	8	cum.	...	1	cum.	...	8	sm-cum.	...	9	sm-cum. / cum.	W / E
„ 13, ...	6	sm-cum.	...	10	cum.	...	10	c-str. / sm-cum. / cum.	S	10	nim.	...
„ 14, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	...
„ 15, ...	10	nim.	SW	10	nim.	SW	10	nim.	SW	10	sm-cum. / cum.	SW
„ 16, ...	10	nim.	...	10	cum.	...	9	cum.	WSW	10	R-cum.	WSW
„ 17, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	str-cum.	ENE
„ 18, ...	10	cum.	S	10	cum.	S	10	R-cum.	E	10	R-cum.	E
„ 19, ...	10	cum.	SE	10	cum.	...	10	nim.	SE	10	R-cum.	WSW
„ 20, ...	10	cum.	SW	10	cum-nim.	SW	8	sm-cum. / cum.	WSW / WSW	9	cum.	WSW
„ 21, ...	10	nim.	SSW	10	nim.	SSW	10	nim.	S	10	R-cum.	SW
„ 22, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	...
„ 23, ...	10	cum.	S	10	cum.	S	10	nim.	SSW	10	nim.	...
„ 24, ...	10	cum.	SSW	10	cum.	SSW	10	sm-cum. / cum.	SSW	10	c-cum. / cum.	SSW
„ 25, ...	8	cum.	SSW	6	cum.	SSW	9	sm-cum. / cum.	SW	9	sm-cum. / cum.	SW
„ 26, ...	5	sm-cum.	SW	6	cum.	SW	9	sm-cum. / cum.	SW	10	R-cum.	SSW
„ 27, ...	8	cum.	SW	6	cum.	SW	8	sm-cum. / cum.	SSW	8	cum.	SSW
„ 28, ...	8	cum.	SW	10	cum-nim.	SW	10	cum-nim.	WSW	4	cum.	WSW
„ 29, ...	9	cum.	SW	10	cum-nim.	SW	10	str. / cum.	WSW	10	nim.	...
„ 30, ...	8	cum.	...	10	nim.	...	10	nim.	...	10	nim.	...
„ 31, ...	10	nim.	E	10	cum-nim.	...	7	sm-cum. / cum.	SW / E	9	sm-cum. / R-cum.	WSW / E
Means, ...	7.5	...	...	7.9	...	...	8.8	...	...	8.3	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
May 1,...	9	sm-cum.	SSE	1	c-cum.	...	0	...	...	0	...	...	4.8
„ 2,...	7	sm-cum.	S	5	sm-cum. / cum.	E	9	sm-cum.	W	3	cum.	E	5.9
„ 3,...	10	sm-cum. / cum.	SSE / S	10	sm-cum. / nim.	S	9	cum-nim.	S	2	cum-str.	S	7.9
„ 4,...	7	c-cum. / sm-cum. / cum.	NE / SSW / ..	1	c-str. / sm-cum.	SW	2	c-str. / sm-cum. / cum.	WSW	0	...	...	6.0
„ 5,...	10	cum. / fog.	E / E	1	cum.	...	4	cum. / fog.	E / E	1	cum.	...	4.1
„ 6,...	5	cum.	E	2	c.	W	0	...	...	0	...	...	5.4
„ 7,...	2	c. / cum.	W / E	2	c.	...	5	c. / c-str. / cum.	.. / W / ..	0	...	...	3.6
„ 8,...	2	cum.	WNW	4	c-str.	W	0	...	...	0	...	...	1.1
„ 9,...	4	sm-cum. / cum.	W / SSW	1	c-str. / cum.	SSW	1	cum.	...	5	cum.	WSW	3.7
„ 10,...	4	cum.	S	8	c. / sm-cum. / cum.	W / WSW / SSW	9	sm-cum. / cum.	WSW / SSE	9	cum.	S	7.5
„ 11,...	8	c-str. / c-cum. / cum.	W / S / S	8	c-str. / sm-cum.	W	10	c-str. / sm cum. / cum.	.. / W / E	7	nim.	E	7.4
„ 12,...	7	sm-cum. / cum.	W / E	8	sm-cum. / cum.	W / SSW	3	c-str. / sm-cum.	W	3	c-cum. / cum-str.	E	5.9
„ 13,...	10	nim.	SSW	9	sm-cum.	...	10	nim.	W	10	nim.	W	9.4
„ 14,...	10	nim.	SSW	10	nim.	...	9	str. / cum-nim.	W	9	sm-cum. / cum-nim.	WSW	9.8
„ 15,...	10	nim.	WSW	10	nim.	WSW	10	str. / cum-nim.	SW	10	cum-nim.	SW	10.0
„ 16,...	10	nim.	W	5	c-cum. / c-str. / sm-cum.	W	9	cum.	W	10	nim.	SSW	9.1
„ 17,...	10	str-cum.	ENE	10	str. / cum.	ENE	10	str-cum.	E	10	cum-nim.	S	10.0
„ 18,...	4	c. / sm-cum. / cum.	W / W / E	5	c-cum. / sm-cum. / cum.	.. / W / E	10	sm-cum.	W	9	sm-cum. / cum	W / E	8.5
„ 19,...	10	c-str. / sm-cum. / cum.	W / W / W	9	c-str. / cum-nim.	W	7	c-str. / sm-cum. / cum.	.. / W / ..	3	cum.	SW	8.6
„ 20,...	8	c-str. / sm-cum. / cum.	W / W / SW	10	c-str. / cum-nim.	SW	10	nim.	W	6	c-str. / sm-cum.	W	8.9
„ 21,...	10	cum.	SSW	10	sm-cum. / cum-nim.	S	10	c-str. / cum-nim.	SE	10	c-str. / c.m-nim.	SE	10.0
„ 22,...	10	nim.	W	9	c-str. / sm-cum.	W / W	6	c-str. / sm-cum. / cum-str.	.. / S / ..	10	cum-nim.	S	9.4
„ 23,...	10	c-str. / sm-cum. / cum.	SW	5	c-str. / cum.	SSW	8	cum-nim.	S	9	cum-nim.	S	9.0
„ 24,...	9	c-str. / cum.	SSW	9	c-str. / cum.	SSW	9	c-str. / cum.	SSW	10	c-str. / cum.	SSW	9.6
„ 25,...	8	c-cum. / cum.	SW	5	c-str. / sm-cum.	SW	8	c-str. / sm-cum. / cum.	SW	10	c-str. / cum.	SW	7.9
„ 26,...	9	sm-cum. / cum.	W / SW	8	sm-cum. / cum.	W / SSW	6	c-str. / cum.	SW	5	cum.	SW	7.2
„ 27,...	9	cum.	SSW	9	c-str. / cum.	SSW	4	c-str. / cum.	SSW	6	cum.	SW	7.3
„ 28,...	7	c. / cum.	NNE / SSW	8	c-str. / cum.	SW	7	cum-nim.	SW	9	cum-nim.	SW	7.9
„ 29,...	10	c-str. / cum.	SW	10	nim.	W	8	str. / cum.	...	1	sm-cum.	...	8.5
„ 30,...	10	sm-cum. / cum.	E	10	c-str. / cum.	E	10	cum-str.	E	10	nim.	E	9.7
„ 31,...	8	sm-cum. / R-cum.	SW / E	7	c-str. / cum.	ENE / WSW	1	cum.	S	0	...	...	6.5
Means,...	8.0	...	...	6.7	...	...	6.6	...	...	5.7	...	...	7.4

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JUNE, 1891.

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,...	29.748	29.740	29.751	29.749	29.747	29.755	29.765	29.782	29.791	29.790	29.784	29.776	29.771	29.754	29.727	29.713	29.698	29.696	29.712	29.734	29.736	29.758	29.757	29.744	29.749
„ 2,...	.728	.713	.696	.691	.699	.729	.741	.755	.757	.755	.752	.728	.704	.683	.659	.643	.635	.630	.644	.661	.672	.686	.686	.684	.697
„ 3,...	.658	.654	.649	.646	.646	.658	.680	.694	.700	.695	.686	.664	.642	.637	.622	.594	.589	.602	.623	.649	.658	.662	.673	.660	.652
„ 4,...	.643	.611	.621	.622	.631	.651	.661	.671	.677	.676	.664	.636	.607	.604	.614	.607	.594	.590	.616	.636	.649	.665	.664	.655	.636
„ 5,...	.630	.634	.620	.621	.621	.647	.665	.690	.698	.701	.699	.694	.677	.649	.632	.634	.630	.640	.658	.684	.656	.690	.703	.674	.660
„ 6,...	.651	.637	.638	.633	.635	.659	.670	.690	.695	.705	.702	.684	.661	.643	.632	.610	.611	.614	.633	.656	.670	.683	.690	.663	.657
„ 7,...	.639	.631	.624	.610	.621	.622	.622	.637	.646	.638	.624	.624	.598	.580	.567	.565	.582	.598	.610	.609	.598	.602	.600	.595	.610
„ 8,...	.595	.573	.571	.565	.557	.560	.583	.588	.591	.632	.622	.598	.576	.581	.563	.562	.521	.517	.572	.587	.601	.607	.606	.596	.580
„ 9,...	.583	.566	.541	.556	.544	.549	.562	.585	.597	.603	.596	.593	.573	.574	.536	.515	.518	.537	.538	.538	.563	.586	.570	.551	.561
„ 10,...	.528	.513	.494	.513	.531	.518	.502	.513	.511	.541	.540	.532	.499	.483	.480	.475	.448	.438	.446	.470	.488	.508	.519	.500	.500
„ 11,...	.472	.465	.465	.462	.464	.478	.492	.504	.516	.512	.501	.499	.486	.465	.463	.458	.454	.469	.492	.519	.535	.550	.550	.544	.492
„ 12,...	.548	.542	.544	.540	.546	.549	.550	.563	.570	.576	.570	.564	.550	.534	.525	.518	.516	.517	.548	.574	.590	.612	.602	.582	.555
„ 13,...	.586	.588	.563	.558	.558	† .577	.570	.579	.577	.577	.590	.573	.544	.523	.510	.500	.502	.500	.504	.508	.504	.507	.509	.487	.541
„ 14,...	.475	.456	.457	.445	.438	.453	.472	.478	.488	.484	.475	.452	.437	.424	.417	.412	.419	.430	.443	.470	.491	.505	.505	.497	.459
„ 15,...	.485	.480	.472	.461	.477	.491	.492	.496	.507	.524	.518	.498	.472	.464	.449	.450	.450	.467	.483	.509	.523	.537	.550	.536	.491
„ 16,...	.528	.517	.512	.524	.529	.552	.564	.570	.576	.579	.571	.568	.551	.548	.535	.536	.527	.540	.546	.565	.576	.594	.589	.571	.553
„ 17,...	.554	.553	.547	.543	.543	.552	.573	.577	.591	.586	.581	.581	.569	.553	.539	.534	.549	.560	.581	.588	.596	.626	.624	.611	.571
„ 18,...	.587	.586	.578	.577	.577	.588	.600	.618	.638	.648	.650	.648	.632	.609	.586	.581	.578	.589	.614	.639	.643	.662	.662	.657	.614
„ 19,...	.638	.616	.589	.590	.599	.627	.637	.651	.660	.664	.646	.645	.642	.632	.617	.594	.589	.590	.623	.663	.675	.680	.651	.621	.631
„ 20,...	.601	.589	.597	.601	.603	.605	.618	.628	.624	.622	.616	.593	.598	.598	.566	.542	.537	.552	.568	.593	.603	.627	.616	.607	.596
„ 21,...	.574	.563	.566	.576	.568	.581	.594	.606	.613	.614	.609	.597	.577	.563	.555	.551	.548	.558	.590	.599	.612	.627	.637	.599	.587
„ 22,...	.587	.587	.568	.561	.549	.555	.583	.601	.630	.623	.624	.617	.595	.581	.567	.552	.561	.578	.581	.594	.614	.630	.631	.620	.591
„ 23,...	.601	.589	.588	.583	.582	.596	.599	.611	.628	.638	.642	.638	.620	.614	.604	.596	.588	.589	.608	.621	.641	.643	.640	.633	.612
„ 24,...	.634	.630	.625	.632	.640	.640	.660	.675	.673	.692	.697	.700	.696	.669	.645	.632	.627	.633	.655	.685	.704	.713	.686	.678	.663
„ 25,...	.677	.662	.657	.646	.636	.649	.653	.663	.664	.674	.673	.670	.649	.639	.618	.607	.598	.608	.626	.638	.642	.648	.644	.657	.646
„ 26,...	.654	.637	.639	.632	.629	.628	.645	.658	.664	.664	.665	.664	.644	.641	.628	.622	.619	.628	.631	.645	.669	.698	.696	.689	.650
„ 27,...	.676	.678	.680	.678	.678	.686	.694	.699	.705	.703	.707	.697	.681	.674	.668	.664	.659	.674	.684	.697	.711	.726	.726	.718	.690
„ 28,...	.712	.705	.702	.702	.708	.716	.735	.742	.749	.748	.744	.729	.707	.702	.696	.687	.678	.682	.699	.718	.726	.732	.732	.716	.715
„ 29,...	.707	.702	.698	.687	.684	.689	.709	.724	.728	.729	.724	.705	.690	.684	.655	.637	.640	.657	.672	.683	.700	.710	.709	.704	.693
„ 30,...	.707	.690	.669	.662	.660	.665	.674	.680	.688	.689	.692	.687	.665	.652	.638	.640	.638	.644	.659	.672	.680	.688	.695	.678	.671
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.614	29.604	29.597	29.596	29.597	29.608	29.619	29.631	29.638	29.643	29.639	29.628	29.610	29.599	29.584	29.574	29.570	29.578	29.595	29.613	29.624	29.639	29.637	29.624	29.611

† Approximate.

TABLE II.

TEMPERATURE FOR THE MONTH OF JUNE, 1891.

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,	77.1	77.2	77.3	77.3	77.4	78.5	80.8	81.5	82.7	84.6	85.5	85.5	85.5	84.9	84.7	85.5	83.5	82.6	81.5	81.5	80.8	80.8	80.6	80.6	81.6	87.7	76.6
" 2,	81.1	80.7	80.4	80.4	80.4	81.0	82.0	82.7	83.8	85.1	85.5	85.5	86.5	86.6	84.6	84.5	83.5	82.2	81.6	80.7	80.5	81.5	80.7	80.6	82.6	87.9	79.6
" 3,	80.8	80.4	80.7	80.2	80.8	80.9	81.9	84.2	84.4	86.1	86.2	85.2	88.3	88.3	88.5	86.1	84.8	83.6	82.6	82.5	82.0	82.3	82.1	81.5	83.5	90.3	79.7
" 4,	81.2	80.4	80.8	81.1	80.7	80.9	81.9	83.5	84.6	87.4	87.4	88.5	88.6	87.4	82.5	78.0	77.5	77.8	79.0	79.2	79.0	79.3	78.9	78.9	81.9	88.7	76.4
" 5,	78.4	78.6	78.2	77.9	77.9	78.1	78.4	78.1	79.9	79.7	79.5	78.7	78.6	79.5	78.6	78.9	78.7	78.3	78.5	78.0	77.8	77.2	77.4	77.0	78.4	79.9	77.0
" 6,	77.5	76.9	75.9	75.9	76.2	76.0	76.0	75.0	76.0	77.2	78.6	79.7	80.6	80.2	81.4	80.3	80.0	80.0	79.5	79.6	79.3	79.6	78.1	78.1	78.2	82.2	74.6
" 7,	78.0	77.7	78.2	77.6	78.8	79.3	80.9	82.6	83.0	83.5	83.6	84.3	85.3	85.5	82.4	82.0	79.1	78.3	77.4	76.5	76.4	76.0	75.9	75.8	79.9	86.4	75.8
" 8,	75.6	75.7	76.0	76.1	76.6	77.0	78.0	78.7	79.0	76.9	76.0	76.5	77.6	77.4	77.6	77.3	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.2	77.0	79.7	75.4
" 9,	77.2	77.0	76.9	77.0	77.1	77.5	76.8	77.2	77.1	77.6	77.0	76.7	76.0	76.6	77.5	79.3	78.4	77.3	77.0	77.0	77.0	76.9	76.9	77.0	77.2	79.9	75.3
" 10,	77.0	77.1	77.0	76.9	74.2	74.1	74.3	74.5	75.7	77.2	77.7	77.1	78.5	78.8	79.5	74.0	75.7	76.0	75.5	75.5	75.5	75.3	75.4	75.4	76.2	80.2	72.8
" 11,	75.3	75.5	75.6	75.7	75.7	76.6	78.4	78.4	79.6	82.8	83.4	83.0	82.6	79.6	78.5	79.5	78.2	78.5	77.8	77.0	76.7	76.0	76.0	75.9	78.2	84.5	74.6
" 12,	75.8	75.3	75.1	75.1	75.9	76.5	77.0	77.6	78.6	78.8	79.6	79.6	78.8	78.8	78.6	79.1	78.5	77.7	77.9	77.9	78.0	78.0	78.0	77.7	77.7	80.8	74.4
" 13,	77.9	77.4	76.3	76.2	76.1	76.0	76.3	77.2	77.1	77.9	76.0	76.0	75.9	75.7	76.2	75.3	76.0	76.6	76.7	77.0	79.0	79.6	79.9	81.2	77.1	81.2	75.3
" 14,	81.8	81.9	82.1	81.9	82.2	82.3	83.0	82.8	83.0	83.3	84.3	84.0	83.5	83.6	83.3	82.6	82.0	81.4	80.7	79.5	79.3	78.5	77.1	76.3	81.7	84.7	76.3
" 15,	76.3	76.1	75.8	75.9	75.8	77.5	78.0	79.5	80.6	82.4	83.4	84.8	85.5	85.6	84.4	83.6	82.3	80.8	78.5	78.5	77.8	77.5	77.9	77.8	79.8	87.2	74.4
" 16,	77.9	76.9	76.9	76.7	76.7	78.0	78.6	79.6	80.4	80.7	81.0	81.6	81.6	83.0	81.3	80.7	79.5	79.4	78.1	77.8	77.2	76.5	77.0	76.0	78.9	83.2	76.0
" 17,	76.2	76.3	76.1	76.0	76.2	77.2	78.1	79.0	80.0	81.3	81.4	81.5	81.5	81.5	80.5	80.2	79.5	79.1	78.9	78.5	78.5	78.7	78.4	77.8	78.9	82.4	75.1
" 18,	77.9	77.5	77.7	77.6	77.7	77.9	78.5	78.7	79.0	80.2	80.5	81.0	80.7	80.6	80.4	79.9	79.8	79.0	79.0	79.3	78.9	79.2	79.3	77.6	79.1	82.0	74.6
" 19,	77.0	76.5	76.3	76.7	76.5	77.1	80.0	81.5	81.5	81.6	81.6	81.0	77.3	77.9	76.5	76.1	76.0	75.8	75.6	76.6	76.8	76.8	76.2	76.3	77.7	84.0	74.6
" 20,	76.2	76.0	76.6	76.7	76.6	76.8	78.3	79.5	81.4	82.6	82.8	82.2	74.5	74.7	76.1	76.5	76.3	75.5	76.1	76.0	76.0	75.0	75.2	75.7	77.2	84.6	74.9
" 21,	75.2	75.3	75.4	74.2	74.4	74.9	75.9	75.8	76.8	78.1	77.9	78.6	79.4	78.6	78.6	77.3	76.5	75.8	75.7	75.6	76.0	76.6	75.8	75.6	76.4	81.2	73.7
" 22,	75.1	75.3	75.7	75.6	75.9	76.7	75.4	74.7	75.5	76.0	77.9	79.9	78.6	79.5	80.6	78.5	78.1	77.8	78.2	77.5	78.0	78.4	78.3	78.2	77.3	80.6	74.7
" 23,	78.2	77.9	77.3	77.2	76.6	77.0	78.0	76.5	77.5	76.0	75.6	76.1	78.1	78.3	79.8	79.0	77.3	78.1	78.5	79.0	78.5	79.4	78.1	77.5	77.7	81.9	75.1
" 24,	77.5	78.3	77.8	77.6	77.6	77.5	79.2	76.5	75.5	75.0	73.3	73.0	74.0	74.7	75.0	76.3	76.6	77.5	76.6	77.5	76.5	77.2	77.3	77.3	76.5	79.7	73.0
" 25,	79.5	80.3	80.4	80.6	80.5	81.1	81.5	82.2	82.6	83.7	84.5	85.5	84.6	83.8	83.9	83.5	82.9	82.2	81.5	81.8	81.7	81.4	80.9	81.4	82.2	85.6	76.6
" 26,	81.4	81.4	81.2	81.2	81.1	80.9	82.0	82.9	83.0	83.8	85.4	85.0	84.7	84.5	84.5	83.8	83.5	82.6	82.3	81.5	81.2	82.0	81.7	81.5	82.6	86.7	80.6
" 27,	81.5	81.6	81.4	81.7	81.5	81.9	81.5	83.4	83.5	84.5	84.3	85.3	84.9	83.9	84.7	84.0	82.6	81.8	81.3	81.3	81.5	80.7	80.5	80.4	82.5	86.5	80.4
" 28,	80.5	80.6	80.3	80.2	79.8	80.7	81.8	82.2	84.5	84.3	85.3	84.7	83.0	82.3	82.4	82.5	81.5	80.5	79.8	80.0	80.0	79.3	80.4	80.3	81.5	86.5	78.6
" 29,	80.0	79.7	79.3	79.3	79.3	79.9	81.3	82.0	82.5	83.8	83.5	84.0	84.4	83.6	80.5	83.4	81.5	81.5	81.4	81.0	81.2	80.9	80.9	80.9	81.5	85.9	77.1
" 30,	80.9	80.6	80.3	80.1	79.9	80.5	81.9	82.3	83.3	83.6	83.6	84.5	85.2	83.6	84.1	83.5	82.5	81.9	81.5	81.1	81.0	80.9	81.0	80.9	82.0	85.7	79.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	78.2	78.1	78.0	77.9	77.9	78.3	79.2	79.7	80.4	81.2	81.4	81.6	81.5	81.3	80.9	80.4	79.6	79.2	78.9	78.7	78.6	78.6	78.4	78.3	79.4	83.9	76.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JUNE, 1891

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,...	76.4	76.5	76.6	76.6	76.3	76.5	77.9	78.6	78.6	78.6	78.5	78.4	77.9	77.8	77.3	77.7	77.2	77.1	76.9	77.2	76.9	76.7	77.0	76.9	77.3	140.7
„ 2,...	76.9	77.8	77.1	77.1	77.3	78.0	77.9	78.0	79.0	78.8	79.9	79.5	79.6	79.9	78.9	79.2	78.9	77.9	77.9	78.4	78.6	78.1	78.4	77.4	78.4	145.4
„ 3,...	77.3	77.2	77.6	77.1	78.1	77.9	78.4	80.2	81.0	81.6	80.8	80.5	82.0	81.9	81.4	81.4	79.4	79.4	79.5	78.9	79.3	78.5	78.9	78.0	79.4	148.2
„ 4,...	78.5	79.0	79.2	78.4	78.6	78.7	79.3	79.7	80.0	81.9	80.7	81.0	80.9	79.9	76.8	76.1	75.5	75.3	76.4	77.1	76.9	77.7	77.9	77.5	78.5	155.4
„ 5,...	77.0	77.2	76.2	76.1	76.2	76.4	76.4	76.8	77.8	77.9	76.9	76.1	76.0	76.8	76.0	76.6	76.7	76.3	76.3	76.6	75.1	75.9	75.8	76.1	76.5	125.5
„ 6,...	76.0	75.1	75.5	75.4	75.6	75.7	75.7	74.8	75.0	75.4	76.7	77.1	77.9	77.9	78.8	77.7	77.4	77.9	78.3	77.9	78.2	78.5	76.3	77.4	76.8	130.3
„ 7,...	76.9	76.8	76.3	76.3	76.6	77.2	78.9	78.7	78.9	79.8	79.7	79.6	80.1	78.8	78.7	78.9	76.0	75.4	76.0	75.0	74.9	75.1	75.1	75.0	77.3	110.6
„ 8,...	75.0	74.9	75.0	74.9	75.0	75.8	76.0	76.1	76.2	76.3	74.9	75.2	76.0	75.8	75.7	76.0	75.7	76.5	76.0	76.1	75.8	75.8	75.8	75.8	75.7	118.2
„ 9,...	75.8	76.1	75.8	75.8	75.9	76.0	75.6	75.8	75.6	75.5	75.6	75.8	75.2	75.1	76.0	76.9	75.3	75.5	75.8	75.9	75.6	75.5	75.7	75.8	75.7	105.0
„ 10,...	75.8	75.8	75.9	75.8	73.1	73.0	73.8	73.9	74.9	75.9	76.2	75.9	77.0	76.9	77.2	73.0	73.6	73.9	73.7	73.8	73.8	73.8	74.0	74.1	74.8	97.7
„ 11,...	74.2	74.0	74.0	74.3	74.5	74.5	75.6	75.8	75.8	76.3	76.3	76.9	77.0	75.9	76.9	76.4	76.1	76.5	76.2	75.3	74.9	74.2	74.1	73.7	75.4	141.2
„ 12,...	73.5	72.9	72.7	72.7	73.1	73.4	73.9	74.7	74.8	74.6	74.9	74.9	73.7	73.7	73.7	74.5	73.9	73.2	73.8	73.7	74.3	74.6	75.0	74.7	74.0	140.0
„ 13,...	75.0	75.1	74.8	74.3	74.2	74.3	74.6	74.8	74.8	75.1	75.0	74.9	74.8	74.7	75.1	74.9	74.8	75.5	75.9	76.2	77.4	77.9	78.5	78.9	75.5	108.0
„ 14,...	78.4	78.6	78.6	78.8	78.7	78.8	78.9	78.9	78.9	79.1	79.7	79.1	79.8	80.1	80.0	78.2	78.8	78.1	77.5	77.1	75.6	75.6	73.6	73.5	78.1	127.4
„ 15,...	72.7	71.7	71.7	71.6	71.8	72.6	72.8	70.9	70.0	71.2	72.1	72.4	72.1	74.7	75.3	74.7	75.3	74.6	72.9	73.7	72.7	72.9	72.4	74.6	72.8	157.3
„ 16,...	74.9	74.5	74.3	74.1	74.1	74.5	74.8	74.9	75.0	75.0	74.7	74.8	73.9	73.3	72.9	73.0	73.2	72.4	71.6	71.6	72.1	72.0	72.0	72.0	73.6	136.0
„ 17,...	72.0	72.0	72.1	71.8	72.7	72.7	73.0	72.9	73.5	74.9	73.9	73.4	72.1	71.3	70.9	73.1	71.1	71.7	73.3	73.9	73.9	73.9	73.6	73.9	72.8	141.2
„ 18,...	73.7	74.3	74.6	74.6	74.7	74.8	75.1	75.0	75.0	75.6	75.1	75.9	75.1	75.9	75.2	75.0	75.8	75.5	75.4	75.5	75.4	76.1	76.9	75.0	75.2	146.5
„ 19,...	74.4	73.8	73.8	74.1	74.2	74.1	76.1	77.6	77.7	77.9	77.9	77.7	74.2	75.7	73.1	73.2	73.7	74.1	74.5	74.6	74.9	74.9	74.4	74.7	75.1	131.3
„ 20,...	74.9	74.6	74.9	75.2	75.3	75.6	76.5	76.9	77.7	78.6	78.0	77.2	73.2	72.7	72.1	75.1	74.0	74.0	73.2	74.1	74.2	74.2	74.8	74.8	75.1	136.0
„ 21,...	74.4	74.6	74.4	73.5	73.7	74.2	74.6	74.9	75.8	76.2	76.1	77.2	77.0	76.7	76.1	75.1	74.7	75.0	75.0	74.9	75.0	75.7	75.1	75.0	75.2	135.9
„ 22,...	74.6	74.4	74.5	74.3	75.1	74.8	74.6	73.9	74.7	75.2	76.6	77.6	76.0	77.0	76.9	76.4	76.3	75.4	75.2	75.1	75.2	75.6	75.8	76.0	75.5	128.6
„ 23,...	75.9	75.3	75.1	75.1	75.2	75.8	76.5	75.9	75.8	74.4	74.7	74.8	75.4	75.2	75.2	76.2	75.6	75.5	75.9	76.2	76.6	76.8	75.5	74.5	75.5	102.4
„ 24,...	74.3	74.0	74.4	75.4	76.1	76.1	76.8	75.8	74.8	75.0	73.2	72.3	73.6	74.2	74.2	74.9	75.1	74.9	75.6	75.2	75.5	76.0	76.0	76.2	75.0	94.1
„ 25,...	77.5	77.4	77.4	77.5	77.8	77.6	78.0	77.9	78.5	79.4	79.0	78.9	78.8	79.1	78.5	78.9	78.4	78.0	77.9	77.9	78.0	77.7	77.9	77.6	78.1	138.1
„ 26,...	77.5	77.4	77·6	77.0	76.9	77.3	77.9	78.8	78.0	79.7	78.8	78.6	78.9	78.4	78.3	78.9	78.5	77.9	77.7	77.9	78.0	77.9	78.1	78.0	78.1	143.5
„ 27,...	78.3	78.1	77.7	77.6	77.4	77.5	78.4	79.3	78.7	79.6	79.5	78.9	78.7	78.1	78.0	77.4	77.8	77.2	77.2	76.9	77.7	77.4	77.5	77.6	78.0	146.5
„ 28,...	77.2	77.1	77.1	77.2	77.4	77.3	78.0	78.8	78.9	76.7	79.7	79.9	77.9	77.5	78.3	77.6	76.9	76.9	76.4	76.8	76.9	76.9	77.2	77.1	77.6	144.9
„ 29,...	77.1	77.2	77.3	77.4	77.3	77.9	77.8	78.0	79.0	78.7	78.9	78.9	79.6	79.6	77.1	78.8	78.4	78.2	77.9	78.3	78.2	78.2	78.2	78.2	78.2	148.6
„ 30,...	78.0	77.8	77.7	77.8	77.3	78.3	78.9	78.6	78.7	79.0	78.9	78.9	79.7	79.2	78.9	78.9	78.9	77.7	77.9	77.6	77.9	78.1	78.1	77.7	78.4	145.4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	75.8	75.7	75.7	75.6	75.7	75.9	76.4	76.6	76.8	77.1	77.1	77.1	76.8	76.8	76.5	76.5	76.1	75.9	75.9	76.0	76.0	76.1	76.0	75.9	76.3	132.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JUNE, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	90	0.863	June 1,.....	82	0.880
2 „	90	.860	„ 2,.....	82	.916
3 „	90	.861	„ 3,.....	82	.950
4 „	90	.858	„ 4,.....	86	.930
5 „	90	.862	„ 5,.....	92	.888
6 „	90	.866	„ 6,.....	94	.904
7 „	88	.875	„ 7,.....	88	.903
8 „	86	.877	„ 8,.....	94	.873
9 „	84	.877	„ 9,.....	93	.870
10 „	82	.879	„ 10,.....	94	.845
11 „	82	.876	„ 11,.....	87	.843
Noon.	81	.873	„ 12,.....	83	.791
1 p	80	.861	„ 13,.....	92	.863
2 „	81	.864	„ 14,.....	84	.915
3 „	81	.856	„ 15,.....	70	.714
4 „	84	.863	„ 16,.....	77	.759
5 „	85	.857	„ 17,.....	73	.725
6 „	86	.853	„ 18,.....	83	.823
7 „	87	.857	„ 19,.....	88	.837
8 „	88	.864	„ 20,.....	90	.844
9 „	88	.866	„ 21,.....	94	.859
10 „	89	.870	„ 22,.....	92	.860
11 „	90	.868	„ 23,.....	90	.855
Midt.	90	.865	„ 24,.....	93	.849
			„ 25,.....	82	.908
			„ 26,.....	81	.902
			„ 27,.....	81	.899
			„ 28,.....	84	.895
			„ 29,.....	86	.922
			„ 30,.....	84	.924
			...	...	...
Means,.....	86	0.865	Means.	86	0.865

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.
1891.														
June 1,.....	...	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.7	11.3
„ 2,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	...	...	...	8.6
„ 3,.....	...	0.1	0.7	0.5	1.0	1.0	0.6	0.8	0.9	0.9	0.4	...	...	6.9
„ 4,.....	...	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.1	...	...	...	8.0
„ 5,.....	...	...	...	...	...	...	...	...	0.1	...	...	...	...	0.1
„ 6, ...	...	...	...	...	...	...	0.5	0.1	...	...	...	...	...	0.6
„ 7,.....	...	...	...	...	...	0.1	0.5	0.9	0.7	...	...	...	...	2.2
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 11,.....	...	0.4	0.3	0.1	0.9	1.0	0.4	0.1	...	...	...	...	0.1	3.3
„ 12,.....	0.1	0.3	0.3	0.8	0.9	0.2	0.7	1.0	1.0	1.0	0.9	0.5	0.1	7.8
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 14,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 15,.....	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	12.4
„ 16,.....	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
„ 17,.....	...	0.1	...	...	...	0.4	0.2	0.6	1.0	1.0	0.9	...	...	4.2
„ 18,.....	0.1	0.4	0.2	0.3	0.4	0.4	0.6	0.9	0.5	0.2	...	...	...	4.0
„ 19,.....	...	0.7	1.0	0.1	...	0.3	...	...	...	...	...	...	...	2.1
„ 20,.....	...	...	...	0.5	0.9	0.5	0.2	...	...	...	...	...	...	2.1
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 25,.....	...	...	0.3	0.7	0.7	1.0	0.9	0.9	0.5	0.4	0.1	0.1	...	5.6
„ 26,.....	...	...	...	...	0.5	1.0	1.0	0.9	0.9	0.5	0.1	0.4	...	5.3
„ 27,.....	...	...	0.9	0.9	0.1	0.5	1.0	0.7	0.6	1.0	0.9	0.2	...	6.8
„ 28,.....	0.1	0.6	1.0	1.0	1.0	0.9	1.0	0.1	...	0.1	0.2	0.2	...	6.2
„ 29,.....	...	0.7	0.9	0.8	0.8	0.6	1.0	1.0	1.0	0.9	0.4	0.4	...	8.5
„ 30,.....	0.3	0.4	0.5	0.5	...	0.6	1.0	0.9	0.6	0.3	1.0	...	...	6.1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	1.9	8.6	10.9	11.2	12.2	13.5	14.6	13.9	12.6	9.9	7.9	4.8	2.2	124.2

TABLE VI.

RAINFALL FOR THE MONTH OF JUNE, 1891.

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,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0.125	...	0.010	...	...	...	...	...	...	0.150	2	0.39
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	0.010	...	...	0.045	2	3.63
„ 6,.....	0.155	0.500	1.400	0.930	0.540	0.190	0.230	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.150	0.130	4.275	10	0.24
„ 7,.....	0.030	0.030	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	0.075	0.080	0.035	0.005	...	...	...	0.270	9	0.74
„ 8,.....	...	...	...	...	...	...	0.030	...	...	0.630	0.140	0.075	0.020	...	...	0.005	0.005	0.010	0.010	...	...	...	...	...	0.925	8	1.19
„ 9,.....	...	...	...	...	...	...	...	...	...	...	0.030	0.370	0.185	0.015	...	...	...	...	...	...	...	...	...	...	0.600	9	1.85
„ 10,.....	...	...	...	0.200	0.570	0.230	0.200	0.040	0.020	...	0.015	0.005	...	...	0.200	0.030	...	...	...	...	...	...	...	...	1.510	10	0.29
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.210	...	...	...	...	...	...	...	...	...	0.210	1	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	0.020	...	0.005	0.010	0.010	0.020	...	...	...	0.025	0.010	0.120	0.020	0.055	0.255	...	0.005	0.015	0.750	0.120	0.040	0.005	...	1.485	17	1.32
„ 14,.....	...	...	0.025	0.040	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	0.075	4	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	0.010	0	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.030	0.005	0.005	0.005	...	...	...	...	0.050	5	0.12
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	0.410	0.090	0.025	...	...	0.020	...	0.025	0.430	0.170	0.025	...	1.195	6	2.86
„ 21,.....	...	...	0.270	...	0.025	*0.200	*0.080	*0.090	*0.020	...	0.010	0.020	...	...	0.070	0.060	0.010	0.005	0.035	0.020	...	...	0.145	0.015	1.075	14	1.31
„ 22,.....	...	...	...	...	...	0.210	0.800	0.270	0.180	0.190	0.005	...	0.025	...	...	...	0.005	...	...	...	...	...	...	0.005	1.690	10	1.14
„ 23,.....	...	0.075	0.100	0.005	0.005	...	0.020	0.285	0.095	0.440	0.250	0.620	0.180	0.015	0.015	0.035	0.035	0.030	0.005	...	...	...	...	...	2.210	19	7.48
„ 24,.....	...	...	...	...	...	...	0.050	1.115	1.150	1.775	0.730	0.165	0.260	0.165	0.040	0.005	...	...	...	...	...	0.055	...	...	5.510	10	0.15
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	0.025	...	...	...	...	...	...	...	0.030	1	0.25
„ 30,.....	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.185	0.630	1.795	1.195	1.150	0.840	1.430	1.860	1.465	3.035	1.205	1.265	1.200	0.305	0.630	0.520	0.110	0.160	0.150	0.840	0.590	0.275	0.335	0.150	21.320	138	22.96

* Estimated from total.

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 proceding day.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JUNE, 1891.

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	8	6	8	3	8	3	8	4	8	3	8	2	8	2	8	6	20	10	19	11	21	12	19	12	19	14	19	16	18	15	19	11	17	12	17	10	17	10	17	9	17	4	17	4	17	3	18	7	189	7.9	18
" 2	20	14	21	12	20	14	21	15	21	15	21	14	21	14	20	16	21	11	21	11	22	11	20	13	20	13	19	13	18	12	19	15	20	11	20	11	18	5	...	1	22	3	21	3	16	3	4	4	254	10.6	20
" 3	4	3	5	3	5	2	17	5	22	7	20	10	20	9	21	13	21	11	22	6	23	10	22	14	21	12	22	12	22	10	23	9	21	9	20	5	20	8	22	4	19	3	5	4	30	3	21	4	176	7.3	21
" 4	22	5	26	5	...	1	22	10	23	6	23	4	23	7	23	7	23	7	23	5	26	6	25	9	24	11	4	14	8	18	29	9	26	3	5	5	9	11	10	12	9	13	7	15	8	10	7	11	204	8.5	5
" 5	7	7	9	14	8	12	8	13	9	13	9	13	9	14	8	13	8	14	8	11	6	18	7	17	7	19	7	18	7	15	7	14	7	12	8	12	7	10	7	14	7	21	8	18	5	10	6	12	334	13.9	7
" 6	6	9	12	7	6	7	2	9	22	3	25	6	28	5	26	2	6	8	7	10	8	8	8	10	8	10	8	8	8	9	8	11	8	12	8	15	8	11	9	6	9	8	9	6	14	7	15	4	191	8.0	8
" 7	15	4	30	4	24	6	29	6	28	5	26	4	27	3	20	16	20	22	20	22	21	21	20	20	20	26	19	25	19	15	20	9	30	9	20	6	24	6	19	2	23	3	28	4	28	2	...	1	241	10.0	21
" 8	...	1	...	0	27	3	27	2	...	0	...	0	27	6	7	13	8	20	14	12	9	5	8	9	8	11	8	14	6	9	6	5	7	10	8	11	8	8	8	12	8	12	8	12	8	11	8	12	198	8.2	8
" 9	8	12	8	13	8	14	8	14	8	16	7	18	7	26	6	24	5	24	7	18	7	23	8	16	8	15	10	4	7	2	7	3	8	4	8	4	8	13	8	16	8	15	8	19	7	17	7	19	349	14.5	7
" 10	7	17	7	18	7	18	7	14	22	11	4	7	3	2	3	4	6	6	2	2	1	2	5	6	6	4	...	1	12	12	26	5	19	6	23	2	...	1	16	3	8	2	8	3	...	1	14	2	149	6.2	7
" 11	14	2	14	2	...	1	...	0	...	0	...	1	...	1	14	4	22	2	15	4	13	3	23	6	22	10	8	6	12	6	9	4	8	12	8	13	8	13	7	21	7	19	6	18	8	21	6	15	184	7.7	8
" 12	7	16	6	14	4	11	7	15	8	14	7	13	7	12	8	13	7	14	7	15	7	17	8	20	9	25	8	24	8	24	8	24	8	23	8	22	8	21	8	18	8	19	8	16	8	15	8	19	424	17.7	8
" 13	8	15	8	14	8	18	6	16	6	18	8	17	7	22	8	26	7	25	7	26	8	24	8	27	7	23	7	21	8	19	6	15	7	14	7	19	8	17	6	13	10	20	14	14	14	10	16	10	443	18.5	8
" 14	17	14	17	13	18	18	19	22	19	20	18	24	19	29	19	26	18	30	19	32	19	33	19	32	18	36	19	39	20	25	20	25	20	20	21	16	21	7	26	12	27	11	24	16	27	15	27	14	529	22.0	20
" 15	28	13	27	12	27	10	28	8	26	6	27	6	27	9	30	9	30	8	31	7	28	6	8	6	26	13	24	13	24	16	24	16	23	15	23	12	24	7	25	5	25	5	25	4	6	8	7	13	227	9.5	26
" 16	6	15	7	16	7	16	7	13	7	11	7	11	6	10	7	9	9	12	8	16	9	19	9	17	8	17	9	18	9	17	8	16	8	14	8	12	11	8	11	5	12	5	...	1	...	1	...	1	280	11.7	8
" 17	...	1	...	1	11	4	8	3	8	3	8	7	6	11	7	13	8	14	8	16	8	16	10	16	10	20	10	20	9	25	8	23	8	20	8	20	9	16	10	14	10	10	10	6	12	6	12	5	290	12.1	9
" 18	8	9	10	7	9	7	8	11	7	13	6	14	7	19	7	20	7	19	7	24	7	24	7	25	8	23	8	22	9	21	8	17	7	18	8	21	8	19	8	15	7	16	7	14	9	13	16	7	398	16.6	8
" 19	14	8	14	4	14	3	4	2	14	2	14	2	4	2	4	2	8	5	8	9	9	11	9	14	15	9	31	7	27	8	30	4	30	4	29	5	28	3	7	7	11	8	9	10	3	3	...	1	133	5.5	9
" 20	5	2	...	1	...	0	...	0	...	1	...	1	5	2	...	1	...	1	6	3	14	10	14	12	22	27	22	8	22	4	...	1	...	1	...	0	7	6	7	11	7	8	2	4	1	3	6	3	110	4.6	13
" 21	6	6	9	7	6	10	28	2	...	1	2	2	...	0	7	5	8	10	8	11	8	16	8	16	8	19	8	16	11	15	16	6	9	5	8	11	7	10	8	8	7	5	13	4	27	8	28	5	198	8.3	8
" 22	29	2	...	0	29	2	...	1	1	3	8	10	8	6	27	3	...	0	...	1	32	2	32	5	15	3	23	5	22	4	20	2	16	7	16	6	15	4	17	3	17	4	16	4	17	3	17	6	86	3.6	16
" 23	17	6	17	3	17	8	16	4	16	2	15	2	8	2	10	6	14	2	18	7	5	4	16	10	16	21	18	15	18	23	18	20	18	16	17	14	18	5	17	8	12	6	16	9	16	6	21	6	205	8.5	17
" 24	20	4	20	14	21	7	...	1	23	3	23	2	10	6	16	5	3	6	29	8	27	10	26	5	26	5	...	1	2	3	...	0	2	2	2	4	31	3	32	2	32	4	32	2	6	10	7	7	114	4.7	29
" 25	17	14	17	21	18	20	18	12	18	14	18	16	18	16	18	13	18	16	18	12	18	19	19	19	18	18	18	15	18	18	18	14	17	15	18	10	18	13	18	11	16	7	17	5	15	7	18	12	337	14.0	19
" 26	18	15	18	14	18	15	18	14	19	11	18	13	18	12	16	8	18	12	16	8	18	10	18	11	17	10	17	12	19	11	17	7	17	13	18	14	17	11	16	9	16	6	18	12	18	11	16	8	267	11.1	18
" 27	16	8	17	5	17	4	16	12	16	13	16	10	16	9	16	8	16	12	15	12	16	11	16	12	15	16	15	12	15	11	15	10	16	9	16	10	16	7	15	7	14	7	13	7	13	6	13	7	225	9.4	15
" 28	14	10	14	7	13	5	11	4	11	5	12	11	12	10	12	5	9	8	12	9	8	12	8	14	8	16	8	18	8	14	8	10	8	14	9	10	9	7	9	8	9	7	9	9	9	8	9	10	231	9.6	10
" 29	10	10	9	7	10	3	9	8	9	5	7	6	7	8	7	10	8	10	8	16	9	15	10	21	9	20	8	18	8	21	9	23	8	19	8	15	8	13	9	12	9	13	9	14	10	13	9	16	316	13.2	9
" 30	10	15	10	14	9	13	9	13	9	11	10	12	9	13	10	17	8	17	9	17	8	21	8	18	8	16	7	19	7	15	8	18	8	15	9	12	10	9	10	10	10	10	8	14	9	15	9	16	350	14.6	9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums	...	263	...	255	...	255	...	253	...	235	...	258	...	287	...	317	...	356	...	361	...	399	...	432	...	482	...	434	...	417	...	346	...	344	...	327	...	282	...	278	...	274	...	271	...	249	...	257	7632	318.0	...
Means	...	8.8	...	8.5	...	8.5	...	8.4	...	7.8	...	8.6	...	9.6	...	10.6	...	11.9	...	12.0	...	13.3	...	14.4	...	16.1	...	14.5	...	13.9	...	11.5	...	11.5	...	10.9	...	9.4	...	9.3	...	9.1	...	9.0	...	8.3	...	8.6	254.4	10.6	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JUNE, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.12	4.80	3.42	1.37	−2.30	+3.43	E 34° S
2 „	0.93	4.57	3.48	1.70	2.55	2.87	E 42° S
3 „	1.10	4.51	2.92	1.90	1.82	2.61	E 35° S
4 „	1.20	4.32	2.85	1.97	1.65	2.35	E 35° S
5 „	0.66	3.66	2.78	2.43	2.12	1.23	E 60° S
6 „	0.98	4.52	3.20	2.02	2.22	2.50	E 42° S
7 „	1.47	5.29	3.08	2.35	1.61	2.94	E 29° S
8 „	1.31	5.96	3.40	2.25	2.09	3.71	E 29° S
9 „	1.42	6.83	3.60	2.45	2.18	4.38	E 27° S
10 „	1.18	6.88	4.05	2.43	2.87	4.45	E 33° S
11 „	1.27	7.87	3.73	3.19	2.46	4.68	E 28° S
Noon.	0.70	8.40	4.87	3.18	4.17	5.22	E 39° S
1 p.	0.60	8.08	6.17	4.27	5.57	3.81	E 56° S
2 „	0.97	7.88	5.05	3.43	4.08	4.45	E 43° S
3 „	0.60	7.78	5.05	3.30	4.45	4.48	E 45° S
4 „	0.83	6.07	3.61	3.07	2.78	3.00	E 43° S
5 „	0.87	6.43	3.53	2.37	2.66	4.06	E 33° S
6 „	0.50	6.77	3.05	2.00	2.55	4.77	E 28° S
7 „	0.33	6.33	2.58	1.37	2.25	4.96	E 24° S
8 „	0.77	6.60	2.51	1.00	1.74	5.60	E 17° S
9 „	0.85	7.04	2.30	0.80	1.45	6.24	E 13° S
10 „	0.83	6.28	2.23	1.07	1.40	5.21	E 15° S
11 „	1.27	5.48	2.30	0.90	1.03	4.58	E 13° S
Midt.	1.20	5.43	2.59	1.07	−1.39	+4.36	E 18° S
Means, ...	0.96	6.16	3.43	2.16	−2.47	+4.00	E 32° S

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.
1891.														
June 1	28.09	28.04	28.05	74	76	74	77	74	S	4	SW	4	SW	5
„ 2	.05	.04	.05	75	75	74	77	74	SW	4	SW	4	SW	4
„ 3	.05	.00	.00	75	79	75	78	75	WSW	4	SW	4	SW	3
„ 4	.02	27.96	27.96	79	78	76	82	75	SW	2	NW	3	S	3
„ 5	.00	.96	.96	75	75	75	76	74	SW	4	SW	4	SE	4
„ 6	.00	.96	.97	74	76	75	79	74	SW	3	SW	4	SW	4
„ 7	.01	.98	.95	76	76	75	77	73	SW	5	NW	4	SW	3
„ 8	.00	.91	.92	76	74	74	76	72	SW	3	S	3	S	4
„ 9	27.94	.88	.90	74	74	72	76	73	E	3	SW	2	SW	3
„ 10	.89	.84	.82	74	72	71	74	71	SW	4	NW	4	NW	2
„ 11	.85	.83	.85	76	75	74	77	71	NE	3	NW	2	E	4
„ 12	.89	.87	.89	73	74	71	75	71	E	4	E	4	E	5
„ 13	.90	.82	.82	72	72	72	74	71	SE	5	SE	4	SE	4
„ 14	.80	.75	.89	76	75	74	77	72	S	5	SW	5	SW	4
„ 15	.85	.81	.86	74	77	75	77	71	NE	4	NW	4	NE	4
„ 16	.89	.87	.87	75	75	74	79	73	SE	4	SE	2	SE	4
„ 17	.90	.88	.88	74	76	75	77	72	E	4	E	5	E	5
„ 18	.93	.92	.95	73	74	74	76	72	E	4	E	5	E	4
„ 19	28.00	.93	.95	75	73	72	76	72	SW	3	SW	5	S	5
„ 20	27.95	.87	.90	75	72	72	75	69	SW	3	SW	3	SW	4
„ 21	.91	.87	.89	73	71	71	75	71	S	2	S	5	S	4
„ 22	.93	.88	.91	72	72	71	74	71	S	3	SW	3	SW	4
„ 23	.91	.88	.89	71	72	71	74	71	SW	5	S	5	S	4
„ 24	.95	.95	.96	74	74	72	75	69	S	5	S	4	S	5
„ 25	.99	.96	.96	75	76	74	76	72	SW	5	SW	5	SW	5
„ 26	.99	.97	.97	75	76	74	77	74	SW	5	SW	5	S	4
„ 27	28.02	.99	.98	76	75	74	76	73	SSW	4	S	4	S	4
„ 28	.04	28.01	28.02	75	75	75	77	73	SE	3	S	3	SE	4
„ 29	.03	27.97	27.97	76	76	75	77	74	E	4	SE	5	SE	4
„ 30	.01	.97	.98	76	78	75	78	73	SE	5	ESE	3	SE	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	27.960	27.919	27.932	74.6	74.8	73.5	76.5	72.3	S 1° W	3.9	S 21° W	3.9	S 7° E	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
1891.												
June 1, ...	2	cum.	E	4	cum.	S	5	c-str. / cum.	SW	3	cum.	N
„ 2, ...	2	cum.	SW	2	cum.	SW	4	c-str. / cum.	WSW	2	c-str. / cum.	NE / W
„ 3, ...	5	sm-cum.	SW	2	sm-cum.	SW	9	c. / cum.	WSW	3	c. / cum.	W
„ 4, ...	0	...	...	3	c-str.	W	5	c. / c-cum. / sm-cum	NNW / N / S	5	sm-cum. / cum.	W
„ 5, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum-nim.	E	10	cum.	E
„ 6, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	sm-cum. / cum.	WSW
„ 7, ...	10	nim.	...	10	nim.	...	10	str. / cum.	SW	10	sm-cum. / cum.	W / SW
„ 8, ...	2	cum.	...	10	cum.	...	10	nim.	...	10	nim.	...
„ 9, ...	10	cum.	...	10	cum.	...	10	nim.	ENE	10	cum-nim.	ENE
„ 10, ...	10	nim.	E	10	nim.	...	10	nim.	...	10	R-cum.	W
„ 11, ...	3	cum.	...	4	cum.	...	8	c-cum. / sm-cum. / cum.	.. / WNW / ..	2	c-str. / cum.	NW / E
„ 12, ...	3	nim.	...	2	cum.	E	9	sm-cum. / cum.	N / E	9	sm-cum. / cum.	NNE / E
„ 13, ...	8	cum.	E	10	cum-nim.	E	10	nim.	E	10	R-cum.	ESE
„ 14, ...	10	cum-nim.	SW	10	nim.	SW	9	cum.	SW	10	cum.	SW
„ 15, ...	6	cum.	W	0	...	...	3	c-str. / sm-cum.	W	7	c. / sm-cum.	...
„ 16, ...	3	c-str. / cum.	SW / ESE	1	cum.	ESE	3	c-str. / cum.	ESE	1	c-str. / cum.	E
„ 17, ...	0	...	...	2	c-cum.	...	9	sm-cum. / cum.	SW / E	9	sm-cum. / cum.	W / E
„ 18, ...	2	cum.	SE	3	cum.	SE	7	sm-cum. / cum.	E	9	sm-cum. / cum.	W / E
„ 19, ...	8	cum.	...	0	...	...	7	c-str. / c-cum. / cum.	.. / N / SSW	10	R-cum.	S
„ 20, ...	8	cum.	W	10	cum.	W	9	c-cum. / str. / cum.	W / WSW / W	8	sm-cum. / cum.	W / WSW
„ 21, ...	9	cum-nim.	...	10	nim.	...	9	cum-nim.	...	10	str-cum.	...
„ 22, ..	9	cum-nim.	SW	10	cum.	SW	10	nim.	W	10	nim.	...
„ 23, ...	10	nim.	SW	10	nim.	SW	10	cum-nim.	...	10	nim.	...
„ 24, ...	7	cum.	SW	10	nim.	SW	9	cum.	S	10	nim.	...
„ 25, ...	10	cum-nim.	SW	10	cum.	SW	10	sm-cum. / cum. / cum.	.. / SW / NE	8	cum.	SW
„ 26, ...	9	cum.	SW	10	cum.	SW	9	cum.	SSW	8	cum.	SSW
„ 27, ...	10	cum.	SSW	10	cum.	SSW	9	c-str. / cum.	S	9	sm-cum. / cum.	S
„ 28, ...	6	cum.	SE	4	cum.	SE	4	c-str. / c-cum. / cum.	.. / NNW / SE	8	c-str. / cum.	S
„ 29, ...	3	cum.	SE	5	cum.	SE	3	c-str. / cum.	E	7	cum.	E
„ 30, ...	5	cum.	E	6	cum.	E	7	c-str. / cum.	E / E	9	c-cum. / cum.	ENE / SE
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,	6.3	...	...	6.6	...	...	7.9	...	...	7.9	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
June 1,...	4	c. / cum.	WSW	2	c. / cum.	W	4	c-str. / cum.	SW	1	cum.	...	3.1
„ 2,...	9	c. / cum.	WNW	9	c-str. / cum.	NE / W	7	c-str. / cum.	W	1	sm-cum.	...	4.5
„ 3,...	7	c-str. / cum.	WNW	9	c-str.	...	5	c-str. / sm-cum.	...	1	c-str.	...	5.1
„ 4,...	4	c. / cum.	WSW / W	10	nim.	...	9	str. / cum.	...	10	c-str. / cum.	E	5.7
„ 5,...	10	nim.	E	10	nim.	E	10	str. / cum-nim.	W	10	nim.	...	10.0
„ 6,...	10	c-str. / cum.	SSW	9	str. / cum.	SSW	10	str. / cum-nim.	S	10	str. / cum-nim.	S	9.9
„ 7,...	8	c-str. / sm-cum. / cum.	.. / W / SW	10	c-str. / cum.	SSW	10	nim.	...	2	cum.	...	8.8
„ 8,...	10	nim.	WSW	10	nim.	SW	9	nim.	SSW	3	cum.	SSE	8.0
„ 9,...	10	nim.	...	10	sm-cum. / cum.	W / E	9	c-str. / sm-cum.	WSW	10	nim.	...	9.9
„ 10,...	10	str. / cum.	W	10	str. / cum.	W	9	str.	...	6	cum-str.	...	9.4
„ 11,...	9	cum. / cum.	ENE / N	10	sm-cum. / cum.	NNW / E	7	c-str. / cum.	ENE	10	nim.	E	6.6
„ 12,...	8	c-str. / cum.	E	10	c-str. / cum.	E	8	c-str. / cum.	E	10	c-str. / cum.	E	7.4
„ 13,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	9.7
„ 14,...	10	str. / cum.	SW	10	c-str. / c-cum. / cum.	.. / W / WSW	10	c-str. / cum.	WSW	10	cum.	W	9.9
„ 15,...	7	c. / sm-cum.	W	7	c. / sm-cum.	W / ..	6	c. / c-str.	W / ..	6	c-str.	...	5.3
„ 16,...	3	c-str. / sm cum. / cum.	W / W / E	4	c-str. / c-cum.	W / W	5	c-str. / c-cum. / sm-cum.	.. / W / E	1	c-str.	...	2.6
„ 17,...	8	c-cum. / sm-cum.	W / W	4	c-str. / c-cum.	S / S	7	c-str. / sm-cum. / cum.	.. / WNW / SSE	2	cum.	SE	5.1
„ 18,...	6	sm-cum. / cum.	W / E	9	sm-cum. / cum.	W / E	8	sm-cum. / cum-nim.	W / E	7	sm-cum. / cum.	W / E	6.4
„ 19,...	10	R-cum.	SW	10	str.	...	10	nim.	WSW	9	c-str. / sm-cum. / cum.	.. / W / E	8.0
„ 20,...	10	cum-nim.	SW	10	c-str. / cum-nim.	SW	10	nim.	SW	10	nim.	...	9.4
„ 21,...	10	str. / cum.	WSW	10	nim.	S	10	nim.	S	10	cum-nim.	S	9.7
„ 22,...	10	nim.	SSW	10	str-cum.	...	9	sm-cum. / cum.	SW	10	nim.	SW	9.8
„ 23,...	10	nim.	SSW	10	nim.	SSW	9	nim.	SSW	9	cum.	SW	9.7
„ 24,...	10	nim.	...	10	str.	...	10	cum-nim.	S	10	nim.	SSW	9.5
„ 25,...	9	c-str. / cum. / cum.	.. / WSW / SSW	10	c-str. / cum.	SW	8	c-str. / sm-cum. / cum.	SW	6	c-str. / cum.	SW	8.9
„ 26,...	9	c-str. / cum. / cum.	.. / SSW / S	10	c-str. / cum.	S	9	c-str. / cum.	SSW	10	c-str. / cum.	SSW	9.2
„ 27,...	9	c-str. / sm-cum. / cum.	.. / W / S	7	c-str. / cum.	SSE / S	9	c-str. / cum.	SSE / S	2	cum.	...	8.1
„ 28,...	8	c-str. / cum.	SSE	8	c-str. / cum.	W / SE	7	c-str. / sm-cum.	W / ..	4	c-str. / sm-cum.	S	6.1
„ 29,...	4	c-cum. / cum.	W / E	9	c-str. / cum.	ENE / E	8	c-str. / cum.	NE / E	2	c-str. / cum.	E	5.1
„ 30,...	8	c-str. / cum. / cum.	N / NW / SSE	9	c-str. / cum.	NE / SSE	9	c-str. / cum.	NE / SE	3	cum.	SE	7.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.3	...	...	8.9	...	...	8.4	...	...	6.5	...	...	7.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JULY, 1891.

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,...	29.660	29.644	29.637	29.626	29.628	29.627	29.626	29.624	29.623	29.624	29.612	29.591	29.583	29.555	29.544	29.526	29.530	29.530	29.542	29.555	29.566	29.577	29.574	29.564	29.590
" 2,...	.548	.523	.515	.510	.506	.522	.527	.529	.528	.527	.525	.523	.510	.492	.477	.461	.466	.480	.501	.516	.528	.538	.542	.531	.514
" 3,...	.516	.505	.490	.504	.495	.506	.530	.526	.550	.547	.548	.542	.529	.530	.507	.503	.503	.507	.516	.536	.549	.565	.566	.558	.526
" 4,...	.536	.522	.524	.505	.518	.539	.562	.573	.586	.601	.591	.590	.572	.559	.557	.538	.531	.541	.560	.562	.570	.586	.582	.562	.557
" 5,...	.550	.526	.515	.512	.520	.527	.531	.541	.557	.592	.581	.571	.566	.539	.513	.494	.495	.490	.495	.507	.517	.527	.533	.525	.530
" 6,...	.499	.495	.496	.467	.477	.487	.504	.529	.527	.529	.523	.504	.497	.477	.461	.453	.446	.455	.462	.478	.496	.512	.520	.523	.492
" 7,...	.513	.507	.497	.495	.497	.507	.523	.526	.527	.538	.547	.530	.523	.506	.483	.479	.478	.488	.509	.517	.534	.567	.562	.555	.517
" 8,...	.543	.535	.527	.529	.531	.541	.552	.565	.572	.568	.573	.567	.537	.534	.533	.520	.504	.500	.520	.536	.551	.568	.583	.595	.545
" 9,...	.577	.561	.553	.543	.538	.543	.557	.571	.564	.564	.560	.553	.532	.523	.500	.490	.474	.474	.490	.499	.507	.531	.537	.532	.532
" 10,...	.531	.526	.510	.507	.533	.529	.543	.545	.554	.551	.551	.548	.526	.512	.501	.490	.487	.495	.513	.534	.547	.550	.550	.554	.529
" 11,...	.540	.524	.506	.500	.500	.516	.521	.530	.528	.531	.537	.538	.529	.533	.530	.529	.540	.551	.563	.581	.602	.623	.618	.600	.545
" 12,...	.579	.583	.572	.569	.568	.569	.573	.581	.591	.597	.602	.591	.579	.585	.581	.581	.582	.584	.610	.619	.628	.624	.629	.601	.591
" 13,...	.581	.584	.577	.576	.579	.600	.611	.607	.618	.614	.609	.592	.570	.565	.547	.551	.533	.536	.564	.575	.590	.588	.591	.567	.580
" 14,...	.548	.548	.530	.517	.510	.515	.528	.527	.514	.515	.528	.510	.499	.478	.481	.471	.464	.480	.492	.517	.537	.538	.538	.523	.513
" 15,...	.510	.498	.496	.478	.473	.480	.490	.510	.522	.535	.534	.524	.515	.502	.503	.488	.486	.486	.505	.533	.552	.569	.567	.557	.513
" 16,...	.547	.530	.529	.535	.536	.553	.575	.594	.596	.608	.594	.591	.579	.566	.556	.552	.547	.555	.571	.599	.618	.620	.618	.609	.574
" 17,...	.587	.576	.573	.576	.586	.605	.625	.630	.629	.625	.612	.590	.571	.546	.526	.508	.502	.512	.524	.526	.515	.511	.496	.500	.560
" 18,...	.488	.454	.415	.417	.426	.416	.408	.420	.417	.414	.412	.371	.364	.328	.308	.299	.303	.277	.265	.286	.288	.283	.241	.209	.355
" 19,...	.128	.064	28.967	28.925	28.909	28.945	.066	.162	.247	.303	.332	.359	.383	.400	.404	.422	.436	.444	.465	.503	.534	.556	.556	.565	.295
" 20,...	.553	.544	29.534	29.537	29.537	29.545	.570	.583	.605	.633	.639	.633	.631	.621	.615	.613	.614	.621	.637	.663	.673	.698	.702	.713	.613
" 21,...	.691	.681	.680	.679	.676	.687	.701	.716	.722	.729	.734	.726	.715	.701	.698	.683	.691	.695	.712	.738	.747	.752	.757	.745	.711
" 22,...	.736	.726	.723	.711	.708	.716	.728	.735	.744	.754	.755	.752	.740	.736	.717	.709	.701	.711	.716	.735	.754	.773	.778	.766	.734
" 23,...	.753	.738	.733	.732	.727	.734	.741	.747	.751	.759	.757	.751	.743	.724	.706	.700	.698	.707	.703	.719	.734	.750	.764	.761	.735
" 24,...	.751	.740	.743	.743	.739	.739	.751	.756	.767	.776	.769	.760	.745	.739	.722	.703	.699	.702	.705	.724	.743	.759	.759	.752	.741
" 25,...	.734	.719	.719	.716	.725	.742	.755	.766	.769	.766	.765	.756	.748	.722	.716	.702	.706	.701	.702	.711	.717	.724	.723	.713	.730
" 26,...	.701	.690	.685	.681	.691	.711	.729	.739	.748	.737	.728	.714	.704	.680	.659	.643	.638	.639	.638	.641	.661	.678	.681	.665	.687
" 27,...	.673	.654	.652	.651	.652	.674	.686	.688	.695	.692	.685	.665	.654	.632	.608	.595	.583	.585	.595	.601	.612	.632	.634	.630	.643
" 28,...	.619	.616	.613	.614	.612	.613	.626	.634	.633	.633	.620	.607	.585	.571	.567	.550	.537	.538	.554	.580	.590	.609	.606	.618	.598
" 29,...	.600	.582	.588	.587	.590	.581	.587	.594	.608	.605	.605	.595	.576	.559	.552	.532	.521	.526	.545	.580	.583	.589	.586	.576	.577
" 30,...	.563	.551	.538	.522	.525	.538	.535	.539	.543	.553	.545	.538	.535	.521	.492	.484	.493	.509	.522	.533	.553	.551	.559	.564	.534
" 31,...	*.543	*.528	*.515	*.509	*.506	*.510	.515	.510	.512	.527	.530	.516	.510	.511	.478	.477	.467	.480	.504	.516	.528	.535	.529	.530	.512
Means,.....	29.577	29.564	29.553	29.548	29.549	29.559	29.573	29.584	29.592	29.598	29.597	29.587	29.576	29.563	29.550	29.540	29.537	29.542	29.555	29.572	29.585	29.596	29.599	29.589	29.570

* Interpolated (Lamp too low).

TABLE II.

TEMPERATURE FOR THE MONTH OF JULY, 1891.

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,	80.7	80.6	80.5	80.2	79.7	79.9	81.1	82.5	83.5	84.5	84.5	84.3	82.6	83.3	83.5	80.9	79.9	81.2	80.5	81.0	81.0	81.2	81.3	80.4	81.6	85.9	79.4
„ 2,	77.8	79.0	79.7	80.1	79.8	80.4	80.0	81.1	82.4	84.6	84.5	84.5	79.3	81.6	82.8	82.0	82.0	81.6	81.0	81.0	80.9	80.3	80.3	80.3	81.1	86.3	77.1
„ 3,	80.1	79.9	79.8	79.7	79.0	78.9	79.1	80.0	79.4	79.7	81.0	80.0	81.0	81.8	82.2	81.4	81.8	81.0	82.3	81.5	81.8	80.8	81.7	81.9	80.7	83.0	78.3
„ 4,	81.3	80.3	81.0	81.0	76.8	76.6	76.3	77.8	79.0	74.8	75.6	75.8	76.5	76.7	77.1	78.3	78.8	78.0	78.8	79.5	78.6	78.5	77.6	78.9	78.1	82.7	73.6
„ 5,	81.5	81.5	81.9	81.9	81.4	81.4	81.5	81.6	81.4	75.0	76.0	75.0	74.5	75.0	76.9	78.8	81.0	80.7	81.5	81.3	81.3	82.0	81.9	82.1	79.9	82.5	73.8
„ 6,	82.2	82.3	82.3	82.4	78.4	81.6	81.8	82.2	82.4	82.5	83.0	83.6	84.0	84.5	84.3	83.3	82.5	82.3	82.5	81.8	82.3	81.5	81.7	81.7	82.4	84.5	76.9
„ 7,	81.9	81.9	81.9	82.0	82.0	82.1	82.7	83.0	83.0	84.0	81.7	83.6	84.1	83.5	84.1	83.8	84.0	83.4	83.3	83.0	82.7	78.0	78.7	79.9	82.4	85.6	76.9
„ 8,	81.8	81.8	81.8	81.7	81.1	81.3	81.7	78.2	82.8	83.2	80.1	79.0	83.4	81.2	81.6	80.7	81.2	81.1	79.8	79.5	79.5	78.5	79.1	79.4	80.8	85.0	77.4
„ 9,	79.4	79.6	79.9	80.4	80.3	81.0	80.7	80.4	80.3	80.8	82.5	82.9	83.1	83.8	84.2	83.7	83.2	82.5	82.0	79.8	80.5	79.9	80.3	80.7	81.3	85.7	78.5
„ 10,	80.5	80.3	80.7	80.7	78.9	78.3	79.9	78.7	79.6	81.4	82.5	84.0	84.5	85.1	85.5	82.3	82.4	80.8	80.5	80.8	80.0	80.5	80.5	80.8	81.2	86.4	77.6
„ 11,	80.8	80.8	80.5	80.1	80.5	80.4	80.7	81.5	82.0	83.0	84.4	84.3	83.3	81.1	83.6	83.5	82.8	82.5	82.3	82.0	82.3	82.0	81.5	81.2	82.0	85.6	78.8
„ 12,	81.2	81.2	81.1	80.0	80.9	81.2	81.5	82.9	81.1	82.5	82.7	84.5	83.4	83.3	81.6	80.7	81.0	80.5	81.0	81.3	81.3	81.8	82.0	81.7	81.7	87.0	79.6
„ 13,	81.6	81.5	81.1	81.0	81.6	81.1	81.9	82.8	83.5	83.9	84.3	84.6	85.0	84.2	83.5	83.6	81.8	81.3	82.0	82.3	82.0	80.9	80.9	80.1	82.4	85.7	80.1
„ 14,	79.9	80.3	80.1	80.2	80.3	80.8	80.1	80.2	82.1	83.5	77.6	77.6	78.5	79.9	80.4	80.9	80.8	80.4	79.3	80.0	79.3	80.5	79.7	79.5	80.1	84.2	77.3
„ 15,	79.3	79.3	79.3	79.5	79.4	80.4	78.5	79.8	80.8	80.5	82.8	83.3	82.8	83.5	81.6	81.9	80.7	81.0	81.0	81.1	81.0	78.7	80.0	79.7	80.7	84.2	76.7
„ 16,	79.6	79.8	79.0	79.5	79.1	79.6	80.5	77.6	82.5	82.0	81.0	82.5	83.1	83.6	83.3	82.8	82.5	81.8	81.6	81.3	81.4	81.0	81.1	81.1	81.1	84.4	77.6
„ 17,	81.1	81.1	81.1	80.4	80.4	81.0	81.9	82.5	84.3	85.3	85.4	87.4	87.9	87.6	87.2	86.2	85.8	83.5	82.4	81.8	80.7	81.3	81.2	81.3	83.3	88.6	79.3
„ 18,	80.5	80.8	81.0	81.1	81.2	81.7	83.0	83.9	84.0	84.8	87.3	86.5	80.4	83.6	84.4	83.5	80.8	81.0	81.1	83.7	83.8	81.6	81.7	80.8	82.6	87.8	77.5
„ 19,	80.1	75.8	75.5	75.3	75.5	76.1	76.6	76.1	76.7	78.4	78.0	80.5	81.8	80.7	78.6	78.2	78.5	79.0	78.5	78.8	78.5	77.5	77.9	78.3	78.0	81.8	75.3
„ 20,	78.4	79.1	80.0	80.4	80.2	80.3	79.0	79.0	79.6	77.4	82.5	83.6	82.5	83.0	82.4	80.5	79.7	80.4	77.2	76.6	77.5	80.0	80.4	80.5	80.0	85.2	75.8
„ 21,	80.2	80.1	77.9	77.8	78.4	78.3	78.9	77.9	77.8	80.3	80.5	82.5	81.1	80.9	82.1	81.8	80.5	80.6	77.2	77.4	77.7	77.7	77.9	78.1	79.3	83.4	74.1
„ 22,	78.7	78.2	78.1	78.1	78.1	78.3	79.0	80.0	80.4	81.9	81.5	79.5	82.5	80.3	80.5	81.1	80.4	79.5	78.9	79.0	78.5	78.0	78.2	77.8	79.4	82.8	77.3
„ 23,	77.9	77.9	77.9	77.9	76.1	77.4	78.1	79.5	81.5	82.5	81.6	81.5	82.4	84.5	83.3	81.6	81.8	81.5	79.9	78.5	78.5	77.8	77.8	77.9	79.8	85.7	75.6
„ 24,	78.5	77.9	77.6	77.2	77.1	77.8	79.5	81.5	83.0	83.7	84.7	85.3	87.6	84.3	83.7	83.2	83.7	82.3	81.0	81.2	79.7	79.9	79.1	79.2	81.2	88.3	76.5
„ 25,	78.6	77.8	77.6	77.5	77.6	77.6	80.0	80.5	83.5	82.3	81.5	82.5	83.5	84.3	83.8	83.5	84.3	81.1	80.6	79.5	79.3	78.5	78.1	77.8	80.5	84.7	76.8
„ 26,	77.3	77.4	77.2	77.2	77.2	77.5	80.5	82.5	83.9	84.3	84.5	84.6	85.5	85.2	84.6	84.3	83.5	82.5	80.8	80.5	80.0	78.8	78.4	78.7	81.1	86.5	76.5
„ 27,	77.9	77.4	77.3	77.5	77.5	78.2	79.5	81.4	84.5	83.6	84.7	86.5	86.3	85.6	86.6	86.2	85.5	83.3	81.8	82.5	80.8	81.0	80.4	79.5	81.9	87.9	76.9
„ 28,	78.6	78.6	78.5	78.4	78.4	79.4	80.6	83.5	84.5	86.1	85.5	86.5	87.5	89.5	88.1	87.5	86.3	84.5	83.0	81.5	81.3	80.4	80.7	80.1	82.9	89.7	77.1
„ 29,	80.0	79.9	79.9	80.6	80.7	80.7	83.5	84.6	85.5	85.5	86.5	86.3	85.9	85.4	85.6	84.3	83.5	82.5	82.5	82.4	82.0	81.8	81.8	81.8	83.0	88.2	78.9
„ 30,	81.4	81.3	81.4	81.3	81.3	81.4	82.4	83.5	81.5	82.6	83.6	84.5	85.5	85.4	84.2	84.3	83.5	82.4	82.3	81.5	81.5	82.1	82.2	82.1	82.6	86.0	80.6
„ 31,	82.2	81.5	81.7	81.6	81.7	81.3	82.4	82.5	84.5	80.6	84.9	85.3	81.5	83.4	85.5	85.5	84.0	83.5	83.5	82.5	82.5	82.5	82.1	82.1	82.9	86.3	77.9
Means,	80.0	79.8	79.8	79.8	79.4	79.7	80.4	80.9	82.0	82.1	82.5	83.0	82.9	83.1	83.1	82.6	82.2	81.5	81.0	80.8	80.6	80.2	80.2	80.2	81.2	85.5	77.3

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JULY, 1891.

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,...	77.8	77.7	77.6	77.1	77.1	78.0	77.9	78.1	78.9	78.8	78.6	78.1	78.7	77.9	77.8	77.7	77.9	77.7	77.1	77.4	77.8	77.6	77.8	77.7	77.9	143.4
„ 2,...	75.6	76.6	77.4	77.1	77.0	77.3	78.0	78.1	79.7	78.3	77.7	77.6	76.4	76.7	77.9	77.9	76.5	76.3	77.1	77.7	77.7	76.9	77.1	76.2	77.3	149.1
„ 3,...	76.1	76.4	76.9	77.0	76.9	77.4	77.5	77.9	77.9	76.5	77.8	77.4	78.1	78.0	78.1	78.1	77.9	78.3	78.6	78.3	78.2	78.5	78.1	78.1	77.7	118.1
„ 4,...	78.7	78.2	78.8	78.7	76.8	76.5	76.1	76.8	76.6	74.2	74.9	75.2	75.3	75.6	76.1	76.9	77.2	76.9	76.9	77.7	76.7	76.6	76.7	77.4	76.7	86.7
„ 5,...	78.5	78.8	78.6	78.0	78.3	78.1	78.3	78.1	78.0	74.7	75.3	74.7	73.7	73.9	75.1	76.5	78.1	78.2	78.3	78.7	78.5	78.2	78.6	78.8	77.3	94.4
„ 6,...	78.9	79.0	78.4	78.8	77.2	78.2	78.6	78.0	78.1	78.4	78.7	78.9	79.7	79.1	79.9	79.1	78.9	79.3	78.2	78.2	78.9	78.6	78.8	78.8	78.7	118.1
„ 7,...	78.8	78.7	78.7	78.6	78.5	78.6	78.7	79.1	79.6	79.6	78.8	76.0	78.7	79.1	79.0	79.1	79.7	78.9	80.0	80.0	80.0	76.8	77.2	78.0	78.8	146.5
„ 8,...	78.5	78.8	78.6	78.7	78.4	78.4	78.3	75.0	78.7	78.8	76.9	77.6	79.6	77.2	76.1	76.9	76.3	76.5	76.3	76.9	76.9	76.9	77.0	77.5	77.5	144.6
„ 9,...	77.6	77.1	77.7	76.7	77.5	77.6	77.8	78.0	78.4	78.6	79.2	79.2	78.1	78.8	78.3	78.9	78.1	78.2	78.3	78.4	78.1	78.7	78.5	78.1	78.2	143.5
„ 10,...	78.0	77.9	77.8	77.8	77.0	77.0	77.9	77.6	76.9	78.6	78.9	79.3	78.9	78.3	78.2	78.7	77.8	77.9	77.9	78.7	78.1	77.5	77.7	77.7	78.0	144.9
„ 11,...	77.7	77.8	77.8	77.8	77.8	77.7	78.2	79.4	79.5	79.9	80.0	80.1	79.8	78.9	79.7	79.6	79.1	78.9	78.7	78.7	78.9	78.6	78.7	78.8	78.8	148.6
„ 12,...	78.7	78.8	78.8	77.8	78.1	78.6	78.9	79.2	79.0	80.2	79.1	80.7	80.8	80.4	78.1	78.0	78.0	77.8	78.5	78.9	78.9	78.9	78.6	78.6	78.9	147.6
„ 13,...	78.8	78.7	78.7	77.9	77.7	77.7	77.9	78.3	78.8	78.1	79.7	79.2	79.4	79.0	79.1	78.7	78.4	78.7	78.3	77.7	77.5	76.9	77.7	77.8	78.4	145.3
„ 14,...	77.8	77.5	77.0	77.1	77.8	77.5	77.9	77.1	78.6	78.2	76.9	76.7	77.1	78.0	78.1	77.1	77.2	77.9	77.3	77.9	77.1	76.9	77.2	77.1	77.5	139.7
„ 15,...	76.3	76.7	76.7	77.0	77.0	77.4	75.6	77.0	77.2	77.2	79.5	79.7	78.6	79.2	78.2	77.6	77.7	77.9	78.9	78.2	78.2	77.4	78.1	77.7	77.7	136.0
„ 16,...	77.7	77.6	77.5	76.7	76.5	76.8	77.6	76.4	77.3	78.2	78.1	79.0	79.1	79.7	79.4	78.6	78.4	78.2	78.2	78.5	78.5	78.9	79.1	79.0	78.1	142.7
„ 17,...	78.9	78.9	78.7	78.3	78.3	78.9	78.7	78.9	78.8	79.2	79.9	79.9	79.1	78.5	79.2	79.3	76.2	75.9	74.5	75.9	76.5	75.7	76.7	76.7	78.0	142.3
„ 18,...	77.8	77.6	78.6	78.3	78.1	78.7	79.2	79.9	80.1	80.8	82.9	81.8	77.8	80.8	80.8	80.5	76.9	76.1	76.8	75.7	75.8	76.1	75.4	75.6	78.4	150.2
„ 19,...	76.2	74.3	73.4	74.6	74.9	74.9	74.7	74.6	75.1	75.5	75.4	75.1	76.6	76.5	76.9	76.1	75.7	76.1	75.7	74.7	75.6	75.7	76.2	76.6	75.5	*148.3
„ 20,...	76.6	76.6	76.5	76.6	76.3	76.5	76.3	77.3	76.9	74.7	78.7	78.6	79.6	79.7	77.7	77.3	77.0	77.4	75.4	75.0	75.9	77.6	77.8	77.5	77.1	146.5
„ 21,...	77.5	77.0	76.0	76.1	76.6	76.6	75.0	76.1	74.0	76.2	76.8	78.4	78.5	78.0	77.5	77.6	78.0	77.2	76.1	75.5	76.2	76.3	76.7	76.7	76.7	136.3
„ 22,...	76.8	76.8	76.5	76.8	76.3	76.6	77.1	77.4	77.5	78.6	77.6	77.9	78.8	76.7	76.7	76.9	76.7	77.0	77.1	77.1	76.9	76.4	76.3	76.8	77.1	142.3
„ 23,...	76.8	76.7	76.9	76.9	74.9	75.9	76.7	76.9	78.3	78.3	78.0	77.7	78.1	79.0	77.2	77.1	77.9	77.9	76.3	76.9	76.4	76.6	76.6	76.6	77.1	145.4
„ 24,...	76.3	76.3	76.2	76.1	76.0	77.3	77.7	77.8	78.8	79.0	77.3	78.3	80.2	79.6	79.3	78.7	78.4	76.9	77.1	77.2	77.1	76.9	76.9	76.7	77.6	141.2
„ 25,...	76.7	76.1	75.9	75.9	75.8	76.6	77.9	77.8	78.4	78.5	76.9	77.7	77.2	75.9	76.2	76.8	74.8	76.9	76.6	76.1	76.0	76.4	76.6	76.0	76.7	140.7
„ 26,...	75.8	75.7	76.0	75.9	75.8	76.0	78.1	78.6	78.9	76.7	78.2	77.8	77.6	77.8	77.6	77.1	76.1	77.1	76.5	75.9	75.4	75.4	75.7	75.6	76.7	140.2
„ 27,...	75.7	75.7	75.7	75.6	75.6	76.9	77.0	77.4	77.9	78.8	77.8	76.2	79.0	79.1	77.6	77.1	76.7	76.0	75.2	75.4	75.6	75.9	76.0	75.7	76.6	141.2
„ 28,...	76.9	75.9	75.9	76.9	75.9	77.9	77.1	78.1	77.0	77.4	77.4	77.8	78.1	78.5	78.7	79.1	78.5	77.4	76.9	77.2	77.9	77.9	77.9	77.8	77.5	140.7
„ 29,...	77.8	77.6	76.9	77.9	77.9	78.4	78.7	77.6	77.9	79.1	78.9	79.0	78.6	77.9	77.9	77.9	78.5	77.9	77.9	77.9	78.0	77.8	77.8	77.7	78.1	134.2
„ 30,...	77.9	77.5	76.9	77.9	77.9	77.4	76.8	77.1	76.4	77.9	77.8	77.1	76.7	77.8	77.7	76.7	75.9	76.3	76.3	76.4	76.4	75.4	75.9	75.9	76.9	143.3
„ 31,...	77.4	76.9	76.9	77.9	77.7	77.8	76.9	76.2	76.2	76.8	76.0	76.0	76.4	78.3	76.1	75.3	75.2	75.9	75.2	75.4	75.5	76.1	77.8	79.8	76.7	144.9
Means,.....	77.4	77.3	77.2	77.2	77.0	77.4	77.5	77.6	77.9	77.9	78.1	78.0	78.2	78.2	77.9	77.8	77.4	77.4	77.2	77.2	77.3	77.1	77.3	77.4	77.6	138.3

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JULY, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	89	0.908	July 1,.....	84	0.907
2 „	89	.906	„ 2,.....	84	.887
3 „	89	.901	„ 3,.....	87	.911
4 „	89	.901	„ 4,.....	93	.901
5 „	89	.897	„ 5,.....	89	.903
6 „	90	.912	„ 6,.....	84	.933
7 „	87	.907	„ 7,.....	85	.937
8 „	86	.904	„ 8,.....	86	.900
9 „	83	.902	„ 9,.....	87	.925
10 „	82	.901	„ 10,.....	86	.917
11 „	81	.905	„ 11,.....	86	.943
Noon.	79	.894	„ 12,.....	88	.952
1 p	80	.904	„ 13,.....	83	.919
2 „	79	.902	„ 14,.....	89	.910
3 „	78	.888	„ 15,.....	87	.911
4 „	80	.890	„ 16,.....	87	.923
5 „	80	.878	„ 17,.....	78	.889
6 „	83	.887	„ 18,.....	82	.916
7 „	84	.885	„ 19,.....	89	.851
8 „	85	.888	„ 20,.....	87	.893
9 „	86	.896	„ 21,.....	89	.885
10 „	87	.892	„ 22,.....	90	.901
11 „	87	.901	„ 23,.....	88	.897
Midt.	88	.905	„ 24,.....	85	.899
			„ 25,.....	84	.869
			„ 26,.....	81	.860
			„ 27,.....	78	.846
			„ 28,.....	77	.872
			„ 29,.....	79	.897
			„ 30,.....	76	.849
			„ 31,.....	74	.836
Means,.....	85	0.898	Means.	85	0.898

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.
1891.														
July 1,.....	...	0.8	1.0	1.0	1.0	0.9	0.3	0.2	0.6	0.5	0.2	...	...	6.5
„ 2,.....	...	...	...	0.4	1.0	0.7	...	...	...	...	...	0.1	0.1	2.3
„ 3,.....	...	...	0.2	...	...	...	...	...	...	...	...	...	...	0.2
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	0.2	0.3	0.4	0.5	0.9	...	0.2	0.3	0.6	...	3.4
„ 8,.....	...	...	0.1	...	0.1	0.1	...	0.4	0.3	...	...	...	0.2	1.2
„ 9,.....	...	...	0.5	0.1	0.1	0.2	0.4	0.9	0.9	1.0	0.6	0.9	0.2	5.8
„ 10,.....	...	...	0.1	0.2	0.5	...	0.5	1.0	1.0	1.0	0.7	1.0	0.6	6.6
„ 11,.....	...	0.1	0.5	0.9	1.0	1.0	1.0	0.6	0.6	1.0	1.0	0.3	0.1	8.1
„ 12,.....	...	0.1	0.6	0.2	0.7	0.5	1.0	0.5	...	...	...	...	...	3.6
„ 13,.....	0.1	0.3	0.9	0.9	1.0	1.0	1.0	1.0	0.8	0.4	0.5	...	...	7.9
„ 14,.....	...	...	0.2	0.7	0.4	...	...	...	0.1	...	...	...	...	1.4
„ 15,.....	...	0.5	0.2	0.5	0.3	0.5	1.0	1.0	0.5	0.6	0.7	0.1	...	5.9
„ 16,.....	...	0.2	...	1.0	0.3	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.6	8.6
„ 17,.....	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	12.1
„ 18,.....	0.3	0.9	0.3	0.9	0.8	0.9	0.3	0.5	0.1	0.3	...	...	...	5.3
„ 19,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 20,.....	...	...	...	...	...	0.2	0.3	0.8	0.4	1.0	0.4	0.3	...	3.4
„ 21,.....	...	...	...	0.2	0.9	0.6	1.0	0.8	0.9	1.0	0.2	...	...	5.6
„ 22,.....	0.1	0.4	0.9	0.6	0.8	0.8	...	1.0	0.9	1.0	1.0	1.0	0.7	9.2
„ 23,.....	0.1	0.6	0.5	1.0	1.0	0.8	0.8	0.9	1.0	1.0	0.7	1.0	0.5	9.9
„ 24,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	11.2
„ 25,.....	0.3	0.8	0.9	0.9	1.0	0.5	0.6	1.0	1.0	1.0	1.0	0.8	0.5	10.3
„ 26,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.9
„ 27,.....	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
„ 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,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.7
„ 30,.....	...	0.7	0.9	0.9	0.8	1.0	0.9	1.0	0.9	1.0	1.0	0.9	...	10.0
„ 31,.....	...	0.9	1.0	0.5	0.7	0.6	1.0	0.6	1.0	0.9	0.9	1.0	0.2	9.3
Sums,.....	2.9	12.2	14.8	17.1	18.7	17.2	17.6	20.2	18.0	18.9	16.2	14.7	7.0	195.5

TABLE VI.

RAINFALL FOR THE MONTH OF JULY, 1891.

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,.....	...	...	...	...	...	...	...	...	...	...	...	0.050	0.090	...	...	...	0.070	...	...	...	...	...	...	0.360	0.570	1	0.19
" 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	0.140	...	...	...	...	...	...	...	...	...	...	...	0.140	0	...
" 3,.....	...	...	...	...	...	...	0.035	0.125	0.475	0.040	0.040	...	...	...	...	...	...	...	...	0.040	0.050	0.025	0.010	0.005	0.845	10	6.48
" 4,.....	0.015	0.025	†0.170	†0.530	†0.800	†0.380	†0.630	†0.500	†0.560	1.660	0.170	0.160	0.030	0.050	0.040	0.040	0.100	0.105	0.005	0.150	0.010	0.020	0.605	0.005	6.760	22	3.26
" 5,.....	...	...	...	...	...	...	...	0.015	0.185	0.720	0.775	0.835	0.215	0.100	0.010	...	...	...	...	...	...	...	...	...	2.855	9	2.91
" 6,.....	...	...	...	0.115	0.375	...	0.065	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.555	2	...
" 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	0.010	0	0.80
" 8,.....	...	...	...	0.035	0.005	...	...	0.150	0.035	0.010	0.200	...	...	0.030	...	...	...	...	...	...	...	...	0.010	0.025	0.500	2	0.20
" 9,.....	...	0.030	...	0.020	...	...	0.045	0.200	0.075	0.010	...	...	...	...	...	...	...	...	...	...	...	0.040	...	...	0.420	2	0.80
" 10,.....	...	...	...	0.310	0.010	0.215	...	0.210	0.055	0.130	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	0.950	2	0.20
" 11,.....	...	...	...	0.175	...	...	...	0.005	...	...	...	...	...	0.160	...	...	...	...	...	...	...	...	...	...	0.340	1	0.94
" 12,.....	...	...	0.060	...	...	...	...	...	0.050	0.030	...	...	0.020	0.005	...	...	...	...	...	...	...	...	...	...	0.165	2	...
" 13,.....	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	0.155	0.220	1	0.29
" 14,.....	0.040	...	0.005	0.005	...	...	0.085	0.035	...	...	0.350	0.080	0.005	...	0.005	0.005	...	...	0.015	...	...	...	0.015	...	0.645	5	0.46
" 15,.....	0.005	...	...	...	...	...	...	0.125	...	...	...	...	...	0.075	0.005	...	...	...	...	0.005	...	0.015	0.065	0.015	0.310	2	0.19
" 16,.....	...	...	0.060	...	...	...	0.160	0.070	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0.005	...	0.310	1	...
" 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	0.725	...	...	0.015	0.045	...	...	...	...	...	...	...	0.785	2	3.87
" 19,.....	0.190	0.135	0.240	0.970	0.930	0.400	0.280	0.500	0.520	0.035	0.015	0.030	0.075	0.030	0.630	0.055	0.005	0.005	...	...	...	...	...	...	5.045	17	1.70
" 20,.....	...	...	...	...	...	...	0.240	0.205	0.300	0.085	...	...	...	0.045	...	...	...	...	0.105	0.050	...	...	...	...	1.030	4	0.36
" 21,.....	0.005	0.005	...	...	...	...	0.020	0.070	0.030	...	...	...	...	...	...	...	...	...	0.100	...	...	...	...	...	0.230	3	0.12
" 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	0.040	...	...	...	0.050	1	0.18
" 23,.....	...	...	...	...	0.210	0.010	...	0.010	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	0.235	1	...
" 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,.....	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0	...
" 30,.....	...	...	...	...	...	...	...	...	0.010	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	0	...
" 31,.....	...	...	...	...	...	...	0.060	...	...	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.095	0	...
Sums,.....	0.255	0.195	0.535	2.160	2.360	1.005	1.620	2.220	2.295	2.765	1.575	1.155	1.305	0.500	0.690	0.115	0.220	0.110	0.225	0.245	0.100	0.125	0.760	0.565	23.100	90	22.95

† Approximate. Total exact.

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, 1891.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
July 1,	9	16	8	15	10	16	9	16	9	11	9	10	8	13	8	20	8	18	8	20	8	23	8	22	9	20	8	22	10	20	11	16	11	15	9	16	10	16	9	12	10	14	11	15	12	11	13	12	389	16.2	9
„ 2,	4	6	7	5	5	7	10	8	12	3	9	7	9	5	9	8	7	6	14	10	16	8	17	10	24	6	25	3	25	3	26	5	27	4	27	3	7	8	9	7	11	9	11	8	10	8	11	6	153	6.4	10
„ 3,	10	8	11	8	11	4	14	4	10	7	8	12	8	10	6	13	16	7	18	11	18	17	18	13	16	11	18	10	18	12	19	15	19	12	22	10	18	13	16	13	16	18	17	16	19	21	19	30	295	12.3	17
„ 4,	20	24	20	26	20	24	19	27	24	29	28	19	18	22	22	15	18	17	21	23	24	6	28	4	...	1	3	3	...	1	2	4	18	14	18	17	18	13	17	14	20	14	16	8	18	4	28	10	339	14.1	20
„ 5,	20	21	20	27	19	24	19	22	18	15	18	18	18	19	18	22	18	21	23	20	29	6	27	20	27	6	29	5	29	3	14	10	16	12	16	13	16	15	16	14	17	12	16	16	16	13	18	17	371	15.5	19
„ 6,	17	21	18	26	18	27	18	27	20	15	17	18	18	25	18	25	20	22	18	22	18	25	18	30	17	27	19	26	18	31	18	23	18	24	19	23	18	16	18	18	18	12	16	14	16	16	15	15	528	22.0	18
„ 7,	18	21	18	18	18	19	18	15	17	20	17	17	17	12	17	15	16	17	17	26	20	32	18	29	16	16	16	15	16	19	16	15	17	18	18	18	18	17	18	16	16	20	22	11	20	4	16	10	420	17.5	17
„ 8,	18	17	18	18	18	19	18	14	20	13	18	16	17	12	18	14	18	15	18	17	18	20	28	6	19	15	19	19	19	15	20	6	13	3	15	3	16	5	16	3	13	4	7	5	7	4	15	5	268	11.2	18
„ 9,	8	4	16	8	16	8	16	10	18	10	19	10	19	10	28	5	2	5	22	7	29	4	18	7	16	12	16	8	17	9	14	7	15	8	15	8	12	7	10	9	12	6	9	4	13	9	16	7	182	7.6	16
„ 10,	16	4	12	9	14	14	12	10	12	7	19	4	15	6	7	5	15	4	8	5	12	4	14	10	14	12	15	11	15	9	8	12	8	14	8	15	8	14	9	15	10	14	8	15	8	16	7	19	248	10.3	10
„ 11,	7	19	7	18	7	22	7	25	7	20	6	20	7	20	8	20	8	26	8	28	8	23	8	22	8	22	8	22	9	27	8	26	8	27	8	27	8	25	8	25	8	22	7	20	8	22	8	21	549	22.9	8
„ 12,	8	22	8	22	8	21	10	18	8	23	8	23	8	18	8	23	8	25	9	24	8	19	7	17	8	24	7	23	7	20	6	18	8	16	6	21	6	16	7	20	8	20	7	18	8	27	8	27	505	21.0	8
„ 13,	8	28	9	25	9	24	8	25	8	25	8	23	8	23	8	20	8	21	9	20	9	21	9	23	9	21	9	22	8	19	7	19	7	17	7	18	7	26	8	27	8	25	7	17	6	16	7	24	529	22.0	8
„ 14,	9	27	8	30	8	23	8	18	8	16	9	17	8	13	6	18	8	18	5	22	8	22	8	16	9	11	8	13	8	17	10	14	11	12	8	14	10	12	9	13	10	13	8	11	8	13	8	14	397	16.5	8
„ 15,	14	11	8	12	9	12	8	12	8	15	10	20	8	19	8	17	8	13	8	15	8	21	9	23	9	21	9	23	12	14	10	13	9	16	10	16	11	19	8	20	9	20	11	21	8	19	10	18	410	17.1	9
„ 16,	9	15	10	19	10	17	12	16	12	10	12	6	12	7	15	7	6	8	8	14	8	21	8	17	8	19	8	19	8	25	9	23	9	20	8	18	8	19	8	19	9	20	8	17	9	18	9	17	391	16.3	9
„ 17,	9	17	9	16	8	15	9	11	9	8	8	6	8	7	8	8	8	7	8	6	9	5	23	5	24	9	24	10	22	11	23	10	22	9	23	10	23	7	23	10	26	10	25	7	25	9	25	10	223	9.3	17
„ 18,	26	15	26	16	24	18	24	18	26	17	23	16	26	17	25	14	24	19	24	16	23	13	23	10	21	12	23	12	24	4	25	9	32	19	8	5	24	8	30	7	30	14	28	15	28	24	28	30	348	14.5	26
„ 19,	28	38	27	48	26	57	24	56	22	63	19	62	18	64	17	42	18	46	18	34	18	33	18	32	18	22	16	22	15	21	15	20	16	†22	12	†20	13	†12	13	†10	12	†12	9	†9	8	†12	8	†15	772	32.2	19
„ 20,	10	†18	10	†17	14	†16	13	†14	13	†10	12	†9	15	†15	26	†11	15	†18	15	†23	14	17	14	17	10	15	10	16	12	16	8	20	9	18	12	16	15	9	2	6	5	8	13	17	13	22	13	15	363	15.1	12
„ 21,	12	17	12	20	8	14	11	10	12	16	11	15	12	19	12	18	11	15	7	14	8	19	10	15	8	20	8	21	8	18	12	16	10	16	11	14	8	14	7	14	8	12	8	16	8	16	8	18	387	16.1	10
„ 22,	8	17	8	14	11	12	9	12	9	12	9	13	8	12	8	15	8	14	8	16	8	20	9	18	8	20	8	18	8	16	7	14	8	16	8	15	8	11	8	10	8	11	9	4	11	4	10	6	320	13.3	8
„ 23,	10	8	10	8	9	8	9	5	5	7	5	3	5	5	7	3	8	10	8	10	8	15	8	17	8	14	8	14	12	8	11	12	9	7	15	6	15	4	13	4	13	3	9	3	9	4	9	3	181	7.5	9
„ 24,	9	2	9	3	...	0	...	1	...	1	9	2	9	2	9	2	9	2	11	4	24	5	24	6	24	3	10	6	9	8	9	8	16	6	15	8	16	7	15	3	...	1	...	0	...	0	...	0	80	3.3	11
„ 25,	...	0	...	1	15	2	15	3	...	0	...	0	...	0	...	1	15	4	10	10	9	11	9	13	8	17	8	15	8	14	8	10	15	6	10	5	11	6	11	4	11	2	11	3	...	0	11	2	129	5.4	10
„ 26,	...	0	...	1	13	2	6	3	...	0	...	0	...	0	6	4	8	5	8	7	9	12	9	9	9	7	9	9	8	9	9	10	9	11	12	4	10	4	3	2	15	4	...	1	...	0	...	1	105	4.4	9
„ 27,	...	0	...	1	10	2	10	3	...	0	...	0	9	2	9	2	9	4	24	7	24	6	24	6	10	5	8	3	17	6	24	6	17	5	17	4	16	3	16	3	...	0	...	1	8	2	8	2	73	3.0	17
„ 28,	16	2	...	0	27	3	...	0	16	2	16	2	...	0	14	3	14	3	10	5	9	8	8	9	8	4	28	6	24	9	24	8	24	8	24	4	...	1	14	3	...	1	14	2	14	2	14	3	88	3.7	17
„ 29,	7	2	32	2	9	5	9	6	...	1	32	5	5	8	5	10	7	15	9	14	9	16	8	17	8	21	9	22	9	21	9	21	9	24	8	22	8	18	8	14	8	16	8	12	7	16	7	18	326	13.6	8
„ 30,	7	14	7	19	6	20	7	20	6	19	7	17	6	20	6	22	4	17	8	23	7	25	7	25	7	24	7	23	8	24	7	26	8	23	7	20	6	24	6	23	6	26	6	26	6	24	6	30	534	22.2	7
„ 31,	6	30	6	32	6	30	4	27	5	25	5	25	5	26	5	30	5	32	5	31	5	38	5	39	7	34	9	30	6	30	5	23	6	28	4	23	6	31	6	27	6	29	5	24	5	30	6	30	704	29.3	6
Sums,	...	444	...	484	...	485	...	456	...	420	...	415	...	431	...	432	...	454	...	504	...	515	...	507	...	471	...	471	...	459	...	439	...	450	...	416	...	400	...	385	...	392	...	356	...	386	...	435	10607	442.0	...
Means,	...	14.3	...	15.6	...	15.6	...	14.7	...	13.5	...	13.4	...	13.9	...	13.9	...	14.6	...	16.3	...	16.6	...	16.4	...	15.2	...	15.2	...	14.8	...	14.2	...	14.5	...	13.4	...	12.9	...	12.4	...	12.6	...	11.5	...	12.5	...	14.0	342.2	14.3	...

† Approximate.

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JULY, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.77	8.39	4.58	2.97	−2.81	+5.40	E 27° S
2 „	1.81	8.84	4.94	3.69	3.13	5.15	E 31° S
3 „	1.65	8.14	5.45	4.13	3.80	4.01	E 43° S
4 „	0.95	7.63	5.36	3.97	4.41	3.66	E 50° S
5 „	1.17	6.85	4.21	4.38	3.04	2.47	E 51° S
6 „	1.45	6.84	5.45	2.95	4.00	3.89	E 46° S
7 „	1.35	6.97	6.17	2.45	4.82	4.52	E 47° S
8 „	1.87	7.85	4.61	2.42	2.74	5.43	E 27° S
9 „	1.32	8.11	5.44	2.33	4.12	5.78	E 35° S
10 „	1.08	9.25	5.63	3.42	4.55	5.83	E 38° S
11 „	1.10	10.40	4.93	3.08	3.83	7.32	E 28° S
Noon.	1.55	9.83	5.33	3.05	3.78	6.78	E 29° S
1 p.	0.52	10.34	4.46	1.75	3.94	8.59	E 25° S
2 „	0.65	10.37	4.34	2.00	3.69	8.37	E 24° S
3 „	0.58	9.54	5.37	1.79	4.79	7.75	E 32° S
4 „	1.29	9.53	4.51	1.90	3.22	7.63	E 23° S
5 „	1.12	8.99	5.44	1.45	4.32	7.54	E 30° S
6 „	1.10	8.71	4.70	1.71	3.60	7.00	E 27° S
7 „	1.10	8.58	4.55	1.23	3.45	7.35	E 25° S
8 „	1.27	8.62	3.59	0.94	2.32	7.68	E 17° S
9 „	1.40	8.61	3.90	1.03	2.50	7.58	E 18° S
10 „	1.52	7.90	3.42	0.98	1.90	6.92	E 15° S
11 „	1.77	8.65	3.18	1.40	1.41	7.25	E 11° S
Midt.	2.10	9.15	3.90	2.00	−1.80	+7.15	E 14° S
Means,.....	1.31	8.67	4.73	2.38	−3.42	+6.29	E 29° S

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.
1891.														
July 1	27.94	27.87	27.87	77	75	75	78	74	SE	4	SE	4	S	4
„ 2	.86	.85	.86	75	75	74	76	73	S	4	SSW	3	SE	4
„ 3	.86	.86	.86	75	75	74	75	73	SW	5	SW	4	SW	5
„ 4	.85	.87	.87	74	75	74	75	72	SW	6	SW	5	SW	6
„ 5	.88	.85	.82	74	74	74	76	73	SW	6	SW	5	SW	6
„ 6	.82	.79	.80	75	76	75	77	74	S	6	S	5	S	5
„ 7	.87	.82	.78	73	75	75	76	73	SW	6	SW	6	S	5
„ 8	.86	.85	.85	74	73	73	75	73	SW	5	SW	4	SW	5
„ 9	.89	.87	.86	73	75	74	76	72	S	5	S	4	S	4
„ 10	.89	.86	.86	75	76	76	78	74	S	4	S	4	SE	5
„ 11	.87	.88	.88	77	77	76	78	75	ESE	5	E	4	SE	4
„ 12	.91	.90	.91	76	76	75	77	75	SE	5	E	4	ESE	4
„ 13	.94	.90	.88	77	78	76	78	74	SE	5	E	5	E	5
„ 14	.86	.83	.86	75	74	73	76	73	E	6	E	4	SE	5
„ 15	.87	.84	.85	74	75	74	76	73	SE	5	SE	4	SE	4
„ 16	.92	.90	.92	75	77	76	78	72	SE	4	ESE	4	SE	4
„ 17	.96	.85	.87	77	80	77	81	73	SE	3	SW	3	SW	4
„ 18	.78	.72	.52	79	77	75	81	75	NW	4	ENE	3	NE	6
„ 19	.63	.72	.77	72	73	71	75	71	S	8	S	7	S	6
„ 20	.88	.94	.97	74	74	73	74	71	S	5	S	4	S	5
„ 21	28.02	28.02	28.02	74	75	74	76	72	SE	5	SE	5	SE	4
„ 22	.05	.04	.04	75	76	75	76	72	SE	4	SE	4	S	3
„ 23	.07	.02	.06	75	76	74	77	73	SW	3	S	2	S	2
„ 24	.09	.05	.06	76	79	75	81	74	S	2	S	3	S	3
„ 25	.07	.04	.02	76	78	76	79	75	S	2	SW	3	SW	3
„ 26	.04	27.98	27.98	77	80	77	81	75	SW	2	S	2	SW	2
„ 27	.04	.99	.98	77	80	77	81	75	S	2	S	2	S	2
„ 28	.02	.91	.91	79	79	78	82	75	S	2	S	2	S	1
„ 29	27.93	.90	.91	80	81	76	81	76	E	4	E	5	E	6
„ 30	.88	.83	.85	76	78	75	81	75	E	6	E	6	E	6
„ 31	.85	.84	.84	74	76	76	77	73	ENE	7	E	6	E	6
Means,	27.916	27.890	27.888	75.5	76.4	74.9	77.7	73.5	S 16° E	4.5	S 23° E	4.1	S 20° E	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
1891.												
July 1, ...	1	cum.	SE	1	cum.	SE	5	c-str. / cum. / cum.	.. / SE / E	6	c-str. / cum.	ESE
„ 2, ...	7	cum-nim.	SE	6	cum-nim.	SE	9	str. / cum.	ESE	8	c-str. / cum.	N / S
„ 3, ...	6	c-str.	...	8	cum.	...	10	nim.	SSE	10	cum-nim.	SW
„ 4, ...	10	nim.	SSW	10	cum.	SW	10	nim.	...	10	nim.	...
„ 5, ...	10	nim.	SSW	10	cum.	SSW	10	cum-nim.	SSW	10	nim.	...
„ 6, ...	10	cum-nim.	SSW	10	cum-nim.	SSW	10	cum-nim.	SSW	10	R-cum.	SSW
„ 7, ...	8	R-cum.	SW	10	cum.	SW	9	cum.	SSW	9	c-str. / cum.	SSW
„ 8, ...	10	cum-nim.	SW	10	nim.	SW	9	c-cum. / cum.	SSW	9	c-str. / cum.	E / SW
„ 9, ...	7	nim.	SW	8	nim.	SW	9	sm-cum. / cum.	SSW	8	sm-cum. / cum.	SW / SSW
„ 10, ...	6	cum-nim.	SSW	8	cum.	...	8	cum.	SSW	7	cum.	S
„ 11, ...	2	cum.	...	10	nim.	E	9	cum-nim.	E	8	c-str. / cum. / cum.	NE / S / E
„ 12, ...	2	cum.	ESE	10	nim.	ESE	8	c-str. / c-cum. / cum.	ESE	7	c-str. / cum.	NNE / E
„ 13, ...	8	cum.	ESE	4	cum.	ESE	7	c-cum. / cum.	E	8	c-str. / cum.	E
„ 14, ...	10	nim.	E	7	cum-nim.	E	9	c-cum. / sm-cum. / cum.	E	9	cum.	E
„ 15, ...	6	cum.	ESE	8	cum.	E	...	...	...	8	c-str. / cum.	E / SE
„ 16, ...	6	cum.	SE	6	cum.	SE	7	c-str. / cum.	S	9	cum.	ESE
„ 17, ...	3	cum.	ESE	1	cum.	ESE	2	cum.	E	2	cum.	...
„ 18, ...	4	c-str.	...	5	c-str. / sm-cum.	...	7	c-str. / sm-cum. / cum.	.. / NNW / NW	9	c-str. / cum.	N / WNW
„ 19, ...	10	nim.	N	10	nim.	NNW	10	nim.	SW	10	nim.	SSW
„ 20, ...	10	cum.	SE	10	cum-nim.	SE	9	nim.	SSE	9	cum.	SSE
„ 21, ...	6	nim.	SE	7	cum.	SE	10	cum-nim.	SE	9	sm-cum. / cum.	NE / S
„ 22, ...	8	c-str. / sm-cum. / cum.	.. / ENE / ESE	8	cum.	SE	6	cum.	E	7	cum.	SSE
„ 23, ...	3	cum.	SE	3	cum.	SE	4	cum.	SE	7	cum.	S
„ 24, ...	3	cum.	SSE	2	cum.	SSE	2	c-str. / cum.	S	4	cum.	S
„ 25, ...	0	...	...	2	c-str.	...	5	c-str. / cum.	...	2	c-str. / cum.	S
„ 26, ...	1	c-str.	...	1	cum.	...	3	c-str. / cum.	S	2	c. / cum.	S
„ 27, ...	0	...	...	0	...	...	1	cum.	...	1	cum.	S
„ 28, ...	0	...	...	0	...	...	1	c-str. / sm-cum.	...	0	...	...
„ 29, ...	1	cum.	...	5	cum.	ENE	4	c-str. / cum.	ENE	1	cum.	E
„ 30, ...	0	...	...	4	cum.	E	7	cum.	ENE	8	cum.	E
„ 31, ...	2	cum.	ENE	5	cum.	ENE	7	c-str. / cum.	ENE	9	sm-cum. / cum.	E / E
Means,...	5.2	...	...	6.1	...	...	6.7	...	...	7.0	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
July 1,...	8	c-str. / cum.	ESE	9	cum. / nim.	ESE / SE	8	c-str. / c-cum. / cum.	ESE	6	c-str. / cum-nim.	SE	5.5
„ 2,...	10	c-str. / cum.	SSW	9	c-str. / cum.	S	9	c-str. / cum.	SSE	6	c-str.	...	8.0
„ 3,...	10	str. / cum.	SW	10	cum-nim.	W	8	c-str. / cum-nim.	SSW	8	nim.	S	8.7
„ 4,...	10	nim.	W	10	nim.	SW	10	nim.	SW	10	nim.	...	10.0
„ 5,...	10	nim.	WSW	10	nim.	SW	10	c-str. / cum-nim.	SSW	6	cum-nim.	SSW	9.5
„ 6,...	10	R-cum.	SSW	10	R-cum.	SW	10	c-str. / R-cum.	SW	5	cum.	SW	9.4
„ 7,...	9	sm-cum. / cum.	SSW	9	c-str. / cum.	SW	9	c-str. / cum-nim.	SW	7	cum-nim.	SW	8.8
„ 8,...	10	c-str. / cum.	SW	9	sm-cum. / cum.	WSW / S	3	cum.	SSW	4	cum.	S	8.0
„ 9,...	5	c-cum. / cum.	WSW / WSW	7	cum.	SW	5	cum.	S	7	nim.	S	7.0
„ 10,...	9	c. / cum.	N / SSE	6	c. / cum.	NNE / SSE	4	c-str. / cum.	E	0	...	...	6.0
„ 11,...	9	c-str. / cum. / cum.	.. / SE / ENE	8	c-str. / cum.	ENE	7	c-str. / cum.	NNE / E	4	c-str. / cum.	E	7.1
„ 12,...	9	nim.	E	10	c-str. / cum-nim.	E	8	c-str. / cum-nim.	E	7	c-str. / cum.	E	7.6
„ 13,...	3	c-str. / cum.	ESE	9	c-str. / cum.	NE / E	8	c-str. / cum.	NNE / E	4	c-str. / cum.	E	6.4
„ 14,...	10	cum.	E	10	str. / cum.	E	7	c-str. / cum-nim.	ESE	7	cum.	ESE	8.6
„ 15,...	7	c-str. / cum.	ESE	9	c-str. / cum.	NNE / ESE	7	c-str. / cum.	NNE / ESE	7	nim.	ESE	6.5
„ 16,...	3	c-str. / c-cum. / cum.	.. / SSE / E	2	c. / cum.	ENE / E	5	cum.	E	8	nim.	E	5.7
„ 17,...	2	cum.	W	0	...	...	3	c-str.	...	6	c-str.	SE	2.4
„ 18,...	8	c-str. / cum.	NNE	9	c-str. / cum.	NNE	10	c-str. / cum.	NNE	10	nim.	NNE	7.8
„ 19,...	10	cum.	SW	10	cum.	SSW	10	sm-cum. / cum.	SSW	9	nim.	S	9.9
„ 20,...	9	c-str. / cum.	SSE	10	cum.	SE	10	nim.	SE	9	cum-nim.	SSE	9.5
„ 21,...	9	c-str. / cum.	SE	8	sm-cum. / cum.	SSE	7	nim.	SSE	1	cum.	...	7.1
„ 22,...	8	c-cum. / sm-cum / cum.	.. / SSE / SE	2	cum.	SE	3	c-str. / cum.	ESE	8	cum-nim.	SE	6.2
„ 23,...	4	cum.	SSE	4	cum.	SE	2	c-str. / sm-cum.	...	0	...	...	3.4
„ 24,...	3	c-str. / cum.	W	1	cum.	...	2	c-str. / sm-cum.	...	1	c-str.	...	2.3
„ 25,...	2	c-str. / cum.	SSE	7	c-str.	E	7	c-str.	E	0	...	...	3.1
„ 26,...	2	c. / cum.	...	6	c. / cum.	...	7	c-str.	...	0	...	...	2.7
„ 27,...	2	c-str. / cum.	NNE	2	c-str.	...	3	c-str.	...	0	...	...	1.1
„ 28,...	1	c-str. / cum.	SSW	0	...	...	1	c-str.	...	0	...	...	0.4
„ 29,...	1	c. / cum.	ENE / E	1	cum.	...	2	cum.	...	2	cum.	E	2.1
„ 30,...	3	cum.	E	1	cum.	E	3	c-str. / cum.	E	1	cum.	...	3.4
„ 31,...	9	cum.	E	9	c-str. / cum.	E / ENE	5	c-str. / cum.	E / ENE	6	c-str. / cum.	ENE	6.5
Means,...	6.6	...	...	6.7	...	...	6.2	...	...	4.8	...	...	6.2

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF AUGUST, 1891.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Aug. 1,...	29.504	29.485	29.484	29.485	29.493	29.508	29.521	29.517	29.526	29.530	29.535	29.514	29.465	29.440	29.427	29.419	29.431	29.443	29.452	29.448	29.486	29.497	29.487	29.468	29.482
„ 2,...	.445	.437	.414	.398	.378	.411	.406	.414	.416	.405	.400	.393	.372	.349	.322	.284	.305	.316	.314	.341	.316	.304	.327	.299	.365
„ 3,...	.279	.255	.234	.200	.243	.291	.316	.335	.352	.368	.398	.421	.437	.421	.425	.448	.467	.484	.525	.557	.597	.620	.631	.614	.413
„ 4,...	.598	.573	.589	.594	.588	.618	.638	.657	.673	.675	.668	.660	.655	.640	.633	.637	.627	.624	.633	.663	.678	.696	.692	.685	.641
„ 5,...	.666	.651	.637	.629	.631	.637	.663	.680	.693	.701	.700	.685	.668	.663	.653	.648	.642	.649	.659	.679	.693	.703	.695	.690	.667
„ 6,...	.675	.673	.658	.638	.643	.649	.672	.694	.707	.693	.684	.676	.658	.639	.632	.623	.620	.629	.627	.640	.661	.676	.690	.672	.660
„ 7,...	.660	.639	.638	.642	.636	.644	.672	.681	.697	.696	.699	.689	.687	.666	.645	.635	.645	.646	.658	.674	.689	.709	.704	.701	.669
„ 8,...	.686	.682	.676	.674	.671	.690	.690	.705	.721	.722	.713	.711	.705	.714	.695	.677	.676	.693	.709	.717	.738	.753	.757	.739	.705
„ 9,...	.711	.689	.682	.691	.694	.706	.731	.735	.752	.756	.757	.759	.746	.740	.734	.724	.727	.733	.751	.767	.779	.780	.760	.753	.736
„ 10,...	.690	.697	.698	.684	.693	.688	.707	.721	.734	.737	.737	.735	.717	.697	.690	.679	.690	.692	.689	.700	.712	.710	.704	.688	.704
„ 11,...	.684	.671	.674	.678	.678	.684	.709	.707	.710	.709	.690	.671	.655	.646	.629	.622	.617	.617	.635	.664	.676	.682	.688	.685	.670
„ 12,...	.682	.667	.662	.650	.652	.666	.682	.695	.703	.718	.702	.698	.691	.672	.645	.637	.634	.637	.650	.671	.694	.705	.702	.691	.675
„ 13,...	.692	.681	.676	.683	.696	.699	.716	.723	.734	.734	.732	.723	.711	.697	.686	.672	.677	.685	.699	.709	.721	.728	.729	.722	.705
„ 14,...	.705	.697	.684	.688	.695	.696	.711	.722	.727	.734	.733	.715	.695	.680	.657	.633	.630	.629	.637	.659	.686	.698	.711	.697	.688
„ 15,...	.688	.670	.673	.671	.679	.686	.696	.702	.711	.708	.701	.682	.654	.635	.611	.593	.597	.602	.632	.649	.669	.687	.694	.678	.665
„ 16,...	.660	.646	.642	.643	.644	.665	.665	.673	.670	.683	.682	.677	.657	.647	.631	.628	.633	.634	.652	.686	.708	.722	.724	.717	.666
„ 17,...	.707	.689	.681	.682	.689	.710	.723	.739	.754	.759	.752	.741	.718	.706	.694	.681	.680	.686	.716	.741	.779	.793	.795	.785	.725
„ 18,...	.772	.754	.744	.724	.733	.733	.742	.757	.777	.784	.784	.781	.764	.752	.742	.732	.741	.765	.775	.781	.794	.808	.817	.803	.765
„ 19,...	.785	.770	.761	.767	.771	.770	.787	.795	.813	.816	.812	.812	.792	.769	.747	.726	.721	.721	.736	.756	.779	.781	.791	.796	.774
„ 20,...	.779	.760	.749	.731	.731	.736	.741	.747	.756	.767	.761	.755	.740	.730	.711	.691	.688	.693	.693	.703	.732	.754	.753	.745	.735
„ 21,...	.716	.703	.690	.686	.673	.672	.675	.687	.694	.698	.693	.670	.651	.637	.637	.617	.610	.613	.629	.641	.653	.660	.654	.643	.663
„ 22,...	.629	.606	.598	.598	.594	.586	.604	.608	.611	.609	.588	.566	.544	.530	.514	.501	.493	.500	.507	.535	.548	.557	.554	.552	.564
„ 23,...	.535	.536	.516	.525	.521	.524	.543	.547	.562	.571	.584	.577	.556	.542	.529	.521	.534	.545	.555	.583	.614	.624	.636	.628	.559
„ 24,...	.622	.617	.603	.597	.619	.632	.651	.662	.669	.668	.667	.660	.640	.629	.598	.582	.574	.580	.598	.617	.632	.654	.653	.619	.627
„ 25,...	.615	.573	.556	.544	.553	.551	.565	.579	.569	.580	.575	.560	.540	.533	.512	.498	.503	.513	.519	.520	.525	.530	.517	.494	.543
„ 26,...	.470	.456	.447	.447	.453	.469	.474	.494	.519	.523	.522	.524	.507	.490	.485	.479	.487	.494	.509	.535	.556	.566	.571	.566	.502
„ 27,...	.554	.558	.552	.548	.553	.558	.569	.589	.602	.604	.608	.606	.593	.580	.574	.573	.584	.601	.618	.642	.675	.692	.696	.690	.601
„ 28,...	.677	.676	.670	.676	.678	.672	.698	.709	.717	.728	.732	.722	.714	.702	.680	.663	.672	.693	.711	.741	.758	.772	.764	.754	.707
„ 29,...	.743	.735	.733	.738	.734	.715	.724	.731	.736	.755	.745	.732	.707	.679	.658	.641	.639	.646	.670	.689	.700	.715	.703	.691	.707
„ 30,...	.683	.650	.631	.617	.608	.617	.651	.650	.645	.641	.639	.611	.611	.585	.558	.537	.527	.535	.553	.584	.598	.607	.586	.572	.604
„ 31,...	.567	.557	.539	.542	.539	.547	.563	.564	.562	.563	.565	.549	.512	.513	.503	.500	.492	.500	.507	.521	.545	.551	.553	.551	.538
Means,.....	29.641	29.628	29.619	29.615	29.618	29.627	29.642	29.652	29.662	29.666	29.663	29.654	29.637	29.623	29.608	29.597	29.599	29.606	29.620	29.639	29.658	29.669	29.669	29.658	29.636

TABLE II.

TEMPERATURE FOR THE MONTH OF AUGUST, 1891.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Aug. 1,	81.8	81.9	81.8	81.8	81.8	81.8	82.5	84.4	84.9	86.7	86.5	89.2	89.8	90.0	90.2	84.5	83.2	82.8	83.1	83.0	83.2	83.7	83.5	84.8	84.5	91.8	81.8
" 2,	83.9	84.8	84.7	84.3	84.8	83.3	83.5	86.5	86.5	86.9	82.0	78.5	80.6	83.7	85.7	84.3	80.5	77.2	81.7	80.1	82.1	80.3	78.8	80.3	82.7	89.0	77.2
" 3,	78.7	75.9	76.7	78.2	78.8	78.6	78.6	77.5	76.7	77.3	77.9	78.2	77.3	79.6	80.2	80.2	79.9	80.3	80.3	80.8	77.1	76.0	75.8	76.6	78.2	80.8	75.8
" 4,	78.3	79.2	79.1	79.2	79.2	79.7	80.0	80.7	81.0	80.8	82.0	81.8	81.6	81.7	80.5	81.2	80.6	79.5	79.6	79.4	79.3	79.3	79.4	79.1	80.1	83.2	76.6
" 5,	78.9	78.9	78.9	78.9	78.8	79.1	78.9	78.1	80.7	81.5	82.1	82.0	82.7	82.5	82.1	81.7	80.8	80.1	79.0	79.5	79.2	79.5	79.3	78.9	80.1	83.9	77.6
" 6,	78.6	78.6	78.6	78.1	78.2	78.5	79.5	80.2	81.9	81.8	82.4	82.0	82.2	81.1	81.9	82.3	81.0	79.8	79.0	78.5	79.5	79.5	79.0	78.8	80.0	85.4	77.4
" 7,	78.5	78.7	79.1	78.8	77.8	77.3	76.4	78.1	80.1	81.6	81.9	82.5	78.4	79.8	77.5	78.6	75.3	76.7	77.0	77.1	77.1	77.6	78.0	78.0	78.4	83.3	75.3
" 8,	78.2	78.1	78.0	77.8	78.0	78.3	76.5	78.5	78.0	79.4	81.1	81.5	76.5	76.7	77.5	78.3	78.2	78.0	78.0	78.1	78.7	79.3	79.0	79.0	78.4	82.7	75.4
" 9,	76.0	*79.0	*78.5	*78.5	*78.8	*79.0	76.7	76.8	77.8	75.1	75.8	75.1	76.7	77.9	77.5	76.9	78.5	77.3	76.5	75.3	74.3	77.2	77.6	78.0	77.1	79.9	74.3
" 10,	78.0	78.0	78.8	78.0	78.0	79.0	79.5	78.9	80.0	80.8	81.8	80.0	81.4	81.1	81.5	81.7	80.1	79.8	79.1	79.2	79.5	80.6	79.5	80.2	79.8	83.1	77.0
" 11,	80.0	79.0	79.0	78.3	79.0	79.3	79.5	80.6	81.5	82.5	83.5	82.4	82.6	82.7	82.9	83.6	81.7	80.6	79.5	78.9	79.0	79.5	79.5	79.2	80.6	85.2	77.7
" 12,	78.8	78.4	77.9	77.7	77.5	77.9	79.5	79.5	82.5	83.2	82.7	84.5	85.5	85.3	84.2	82.6	81.4	81.5	80.9	79.7	80.6	79.1	79.2	79.1	80.8	87.4	76.5
" 13,	78.9	78.9	78.8	78.7	78.2	78.8	79.7	81.5	81.7	84.6	84.8	85.5	86.5	87.5	88.2	84.8	83.5	82.5	81.5	81.5	80.7	81.3	81.0	81.0	82.1	88.5	77.4
" 14,	81.0	81.0	81.0	80.0	80.7	81.0	81.5	82.5	83.5	85.4	85.5	85.5	86.7	86.1	86.3	85.8	84.6	83.5	82.5	81.5	81.5	81.5	81.5	81.0	83.0	86.9	79.9
" 15,	81.0	81.0	81.0	81.0	81.0	81.0	82.4	83.5	83.5	84.9	85.1	85.5	87.3	86.7	86.3	86.5	84.9	83.3	82.3	81.8	81.8	82.4	82.1	81.9	83.3	88.7	80.6
" 16,	81.9	81.8	82.0	82.0	81.4	82.1	83.0	83.6	84.5	85.3	86.3	87.3	86.5	85.7	84.7	87.1	83.5	82.9	82.4	82.3	81.7	82.0	82.1	82.0	83.5	87.8	81.0
" 17,	81.8	81.8	81.7	80.9	80.9	80.9	82.6	82.9	83.3	83.8	86.7	86.9	85.7	85.7	85.7	84.8	84.5	82.5	81.7	81.5	79.3	79.2	79.0	79.4	82.6	88.2	78.4
" 18,	78.3	78.7	78.9	79.8	79.9	79.8	80.5	82.6	83.5	83.0	79.0	78.2	79.2	82.9	80.5	81.2	76.7	75.0	75.0	75.4	76.8	76.8	77.1	77.2	79.0	85.5	72.8
" 19,	78.2	79.3	79.4	79.7	78.7	80.0	81.5	82.6	82.7	82.5	82.0	80.4	83.5	84.3	83.9	83.3	82.2	81.5	81.0	80.2	79.9	80.0	80.1	80.1	81.1	85.4	76.4
" 20,	80.1	80.2	80.3	80.4	80.4	80.5	81.5	82.6	83.5	84.3	84.5	84.6	84.5	84.2	83.4	83.7	82.0	81.2	80.5	79.9	79.9	79.5	79.8	79.9	81.7	85.6	79.1
" 21,	79.9	79.3	78.4	78.4	78.4	78.4	80.4	82.5	82.3	83.8	85.3	85.4	88.3	87.5	87.6	86.2	84.5	82.5	80.6	79.4	78.4	78.5	78.0	78.1	81.8	89.0	77.3
" 22,	77.7	77.2	77.1	77.1	77.1	77.3	79.0	80.8	82.5	83.6	84.2	86.1	85.8	87.5	88.7	87.0	86.0	84.0	83.1	82.6	82.5	83.0	82.1	82.1	82.3	88.8	76.0
" 23,	82.0	81.0	81.5	81.5	81.0	81.0	83.3	84.6	86.7	88.3	88.6	88.5	88.5	87.2	85.3	85.7	85.3	82.9	82.6	81.9	81.8	81.6	81.8	81.0	83.9	91.9	80.3
" 24,	80.5	81.0	81.0	80.3	80.2	81.7	83.5	85.5	85.5	86.5	87.4	89.0	90.8	91.6	90.5	88.6	85.4	83.8	82.7	83.4	83.1	76.2	80.0	80.0	84.1	92.9	75.3
" 25,	80.0	79.5	78.5	79.0	79.0	82.0	82.6	84.5	85.5	87.7	89.3	89.3	87.1	86.1	87.5	87.3	84.3	84.4	81.7	82.3	81.9	82.5	82.6	82.0	83.6	90.8	77.0
" 26,	81.1	81.0	80.0	79.2	78.0	77.8	78.3	78.3	79.3	81.5	82.4	82.5	83.5	84.2	82.7	83.2	82.3	81.4	80.6	81.6	81.6	81.7	81.0	81.2	81.0	84.7	76.7
" 27,	79.0	81.0	81.0	81.0	80.6	80.7	82.0	83.5	83.5	84.5	81.3	81.2	85.3	84.3	84.9	84.3	82.9	81.5	81.3	81.2	81.1	80.5	80.0	80.0	81.9	87.2	78.1
" 28,	81.0	80.0	79.0	79.0	79.0	80.0	81.8	80.3	84.4	83.3	83.5	82.6	78.6	82.3	83.0	82.8	81.9	80.5	80.6	80.3	79.6	78.7	80.0	80.0	80.9	85.1	78.6
" 29,	80.2	80.3	80.3	80.0	*80.0	*80.0	82.2	83.3	83.0	83.8	84.4	83.7	84.5	83.3	80.5	79.3	80.4	79.5	79.4	79.4	79.4	79.5	80.2	80.0	81.1	87.2	78.2
" 30,	*80.0	*80.0	*80.0	*80.0	*80.0	*80.0	81.6	82.2	82.5	82.4	84.5	86.5	78.5	76.7	81.7	80.0	81.5	80.4	80.1	80.2	80.4	79.7	80.0	80.0	80.8	88.7	76.3
" 31,	79.0	*79.0	*79.0	*79.0	*79.0	*79.0	80.3	81.6	82.6	83.5	82.3	81.5	80.7	79.3	77.8	79.3	78.5	78.5	78.5	78.6	78.8	78.6	78.6	79.0	79.7	84.3	76.0
Means,	79.7	79.8	79.7	79.6	79.5	79.8	80.6	81.6	82.4	83.2	83.4	83.5	83.4	83.7	83.6	83.1	81.8	80.8	80.4	80.1	80.0	79.8	79.9	79.9	81.2	86.5	77.4

* Approximate.

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF AUGUST, 1891.

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,...	74.9	74.9	73.9	73.9	73.9	74.2	74.8	75.9	76.0	77.0	76.9	79.8	80.1	83.5	82.0	78.0	78.4	78.0	77.6	78.0	77.1	76.6	76.7	76.0	77.0	146.5
„ 2,...	76.1	74.3	73.9	73.6	72.8	73.4	74.0	75.1	75.2	77.2	75.9	77.9	78.7	78.3	80.3	78.7	77.6	76.7	77.5	77.0	75.1	75.2	76.0	75.6	76.1	137.5
„ 3,...	75.6	75.3	75.6	77.8	76.9	77.9	77.5	75.9	76.1	76.7	76.9	76.9	75.8	75.8	76.0	76.0	76.7	76.9	77.1	77.9	73.8	74.0	73.7	74.0	76.1	119.2
„ 4,...	76.4	76.2	75.9	75.8	75.8	75.7	75.9	76.2	75.9	76.4	76.9	76.5	76.0	78.3	78.9	78.3	76.3	77.4	76.2	76.5	76.1	76.5	76.9	77.0	76.6	136.0
„ 5,...	76.8	76.6	76.4	76.4	76.2	76.5	76.8	75.9	76.9	78.2	78.1	78.0	79.1	79.1	80.1	78.7	79.4	78.9	76.9	77.1	77.0	76.2	76.1	76.1	77.4	140.2
„ 6,...	75.8	76.0	76.2	76.1	76.1	76.2	77.0	77.0	78.2	81.2	78.4	78.4	78.9	77.9	78.3	77.3	76.9	76.6	76.2	76.6	76.4	76.3	75.9	76.2	77.1	148.6
„ 7,...	76.0	75.9	75.8	75.6	75.3	75.0	75.1	76.0	77.0	78.2	78.0	76.9	76.0	77.1	76.0	77.1	73.9	73.6	74.9	75.9	76.4	75.4	75.5	75.8	75.9	134.0
„ 8,...	75.8	75.8	75.6	74.9	74.9	75.2	74.0	75.1	75.9	76.7	76.8	76.6	75.0	74.8	75.1	74.5	74.2	74.2	74.3	74.9	75.0	75.2	75.9	75.9	75.3	146.5
„ 9,...	74.9	75.9	75.9	75.9	74.9	72.9	72.9	73.9	74.9	73.6	73.8	73.0	73.6	74.7	75.5	74.7	74.9	75.1	74.9	74.7	74.1	75.9	75.9	75.9	74.7	111.7
„ 10,...	76.2	75.9	75.9	75.9	75.9	75.9	75.7	76.0	76.9	77.1	77.0	76.8	77.0	76.8	76.2	76.6	76.1	76.2	76.2	76.4	76.7	76.7	76.6	76.4	76.4	143.4
„ 11,...	76.9	76.9	76.9	75.9	76.9	76.9	76.9	76.9	77.1	77.2	77.7	78.2	78.0	78.7	76.8	77.7	77.7	76.3	76.9	76.2	76.3	76.9	76.9	76.9	77.1	146.5
„ 12,...	76.4	76.0	75.8	75.6	75.6	75.7	77.2	76.7	77.4	78.0	77.9	78.7	79.6	79.2	78.4	77.8	77.9	77.3	76.9	76.7	76.8	76.5	77.2	76.8	77.2	143.9
„ 13,...	77.0	76.9	76.7	76.8	76.7	76.8	77.2	77.9	77.9	79.9	78.6	79.1	79.1	79.9	79.9	78.9	77.4	76.7	76.5	76.5	76.7	76.5	77.9	77.9	77.7	145.6
„ 14,...	77.9	77.9	77.9	77.9	77.9	77.9	78.3	78.8	78.9	79.6	79.8	79.8	80.7	79.9	79.8	80.7	79.0	78.6	77.7	77.9	77.3	77.4	77.9	77.2	78.6	143.4
„ 15,...	77.2	77.2	77.2	77.2	77.9	77.9	78.8	78.9	79.0	79.3	79.8	79.9	80.7	79.3	78.5	79.5	79.3	77.9	77.3	77.9	77.6	77.6	77.6	77.7	78.4	143.6
„ 16,...	77.6	78.5	77.7	77.5	77.1	77.7	77.8	77.8	78.0	79.4	78.3	79.3	78.3	77.3	78.1	78.8	77.3	77.5	78.0	77.7	78.0	78.4	78.2	78.1	78.0	145.7
„ 17,...	77.9	77.8	77.8	77.8	77.8	77.7	78.1	78.0	78.1	77.8	79.8	78.5	78.1	78.3	78.2	78.4	77.2	77.2	77.2	77.3	75.5	75.2	77.0	77.3	77.7	148.6
„ 18,...	76.2	76.1	76.7	76.8	76.8	76.5	76.9	77.7	78.0	78.2	76.7	75.1	77.2	78.3	77.1	77.9	75.1	74.6	74.6	74.8	74.9	74.9	75.5	75.3	76.3	144.4
„ 19,...	76.7	77.3	77.2	77.3	76.9	78.0	78.5	78.0	78.7	77.9	77.4	76.2	78.8	79.8	78.4	78.2	77.2	77.3	77.3	77.3	77.5	77.2	77.3	77.3	77.7	146.6
„ 20,...	77.2	77.1	77.4	77.2	77.2	77.3	77.8	78.0	78.8	79.0	78.0	78.0	78.6	78.1	77.8	77.5	77.9	76.4	76.4	77.0	76.9	77.3	77.1	76.8	77.5	144.5
„ 21,...	76.8	76.8	76.6	76.2	76.1	76.5	77.1	78.0	78.0	78.4	78.7	77.7	79.7	79.3	78.7	78.9	77.9	76.9	77.3	76.9	76.2	76.5	76.4	76.1	77.4	140.6
„ 22,...	75.7	75.6	75.5	75.0	74.8	75.4	76.5	77.8	77.9	79.0	78.7	80.4	80.0	78.7	79.4	79.5	79.0	78.2	78.0	78.9	78.9	79.3	79.9	78.9	78.0	139.1
„ 23,...	79.9	79.9	79.5	80.9	80.9	80.7	80.2	80.0	78.8	78.1	78.7	78.8	80.3	78.3	77.1	77.5	78.6	78.1	78.0	78.0	78.4	78.1	78.9	78.9	79.0	151.5
„ 24,...	78.0	77.2	77 2	76.9	77.2	76.9	78.1	79.9	79.6	78.2	77.9	78.7	78.9	76.0	80.6	80.0	79.1	78.3	79.3	79.3	80.0	74.1	76.9	76.9	78.1	147.0
„ 25,...	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.0	76.6	76.6	76.6	77.2	77.7	76.6	81.7	80.1	78.2	78.6	77.9	77.5	78.3	76.9	75.5	76.0	77.3	150.9
„ 26,...	75.0	74.9	74.9	75.1	74.9	74.9	75.9	75.8	76.0	77.4	77.6	77.7	78.4	78.0	77.1	77.2	76.7	76.8	77.4	77.4	77.3	77.9	79.1	77.9	76.7	135.4
„ 27,...	75.9	76.9	76.9	76.9	76.9	76.9	77.6	77.9	77.9	77.3	79.1	78.4	79.7	78.3	78.8	78.2	77.3	78.5	78.1	78.7	76.8	77.3	77.9	76.9	77.7	147.2
„ 28,...	77.9	77.9	76.4	76.9	77.2	77.9	79.1	77.9	78.6	79.6	79.1	78.1	76.2	79.4	79.5	78.9	78.3	77.9	78.1	77.3	77.6	76.8	77.4	77.9	78.0	139.6
„ 29,...	78.5	77.9	77.9	77.9	76.9	76.9	77.9	78.2	78.2	79.1	78.9	79.0	78.9	78.8	78.0	77.4	77.1	77.3	77.7	77.9	77.9	77.5	76.9	76.9	77.9	148.1
„ 30,...	77.1	77.9	77.9	76.9	77.4	77.9	79.3	79.0	79.0	78.3	79.7	79.8	76.9	75.8	77.0	77.7	77.9	77.4	77.6	77.6	77.8	77.9	77.9	77.9	77.9	163.3
„ 31,...	77.9	77.9	77.9	76.9	77.5	77.5	78.5	78.1	78.0	78.4	79.1	79.0	77.2	76.9	76.9	77.5	76.9	77.0	77.2	77.0	77.2	77.2	76.9	76.9	77.6	149.6
Means,.....	76.7	76.7	76.6	76.5	76.5	76.6	77.0	77.2	77.5	78.0	78.0	78.0	78.2	78.1	78.3	78.0	77.3	77.0	77.0	77.1	76.8	76.6	77.0	76.8	77.2	142.9

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF AUGUST, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	87	0.880	Aug. 1,.....	70	0.828
2 „	87	.879	„ 2,.....	73	.813
3 „	87	.875	„ 3,.....	91	.874
4 „	87	.872	„ 4,.....	85	.870
5 „	87	.873	„ 5,.....	88	.905
6 „	86	.874	„ 6,.....	87	.893
7 „	85	.881	„ 7,.....	89	.862
8 „	81	.876	„ 8,.....	86	.836
9 „	79	.879	„ 9,.....	89	.829
10 „	78	.890	„ 10,.....	85	.865
11 „	77	.887	„ 11,.....	85	.885
Noon.	77	.886	„ 12,.....	85	.887
1 p	78	.897	„ 13,.....	81	.891
2 „	77	.888	„ 14,.....	81	.920
3 „	78	.898	„ 15,.....	79	.907
4 „	79	.892	„ 16,.....	77	.886
5 „	81	.877	„ 17,.....	79	.885
6 „	84	.878	„ 18,.....	88	.872
7 „	85	.883	„ 19,.....	85	.905
8 „	87	.892	„ 20,.....	82	.888
9 „	86	.880	„ 21,.....	81	.882
10 „	86	.874	„ 22,.....	82	.902
11 „	88	.890	„ 23,.....	79	.926
Midt.	87	.882	„ 24,.....	75	.882
			„ 25,.....	74	.853
			„ 26,.....	82	.862
			„ 27,.....	82	.894
			„ 28,.....	87	.921
			„ 29,.....	86	.914
			„ 30,.....	87	.918
			„ 31,.....	91	.919
Means,.....	83	0.883	Means.	83	0.883

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1891.														
Aug. 1,.....	...	...	0.9	1.0	1.0	1.0	0.9	1.0	0.8	0.4	...	...	...	7.0
„ 2,.....	...	0.1	0.5	0.2	0.2	...	...	...	...	0.1	...	...	...	1.1
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	0.3	0.4	...	...	...	...	...	...	...	0.7
„ 5,.....	...	...	...	0.2	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1	7.3
„ 6,.....	...	...	...	0.5	0.7	0.9	0.5	0.5	0.1	0.3	0.1	...	...	3.6
„ 7,.....	...	...	...	...	0.3	...	0.3	...	0.1	...	...	...	...	0.7
„ 8,.....	...	...	0.1	0.1	...	0.5	0.3	...	...	...	...	...	...	1.0
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	0.5	0.8	...	...	0.3	0.4	0.5	...	...	2.5
„ 11,.....	0.1	0.3	0.8	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.7	1.0	0.4	10.2
„ 12,.....	0.2	1.0	0.8	1.0	1.0	1.0	1.0	0.9	1.0	0.2	...	0.4	0.1	8.6
„ 13,.....	...	...	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.0
„ 14,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	10.8
„ 15,.....	...	0.8	1.0	0.7	1.0	0.9	1.0	1.0	0.9	1.0	1.0	0.6	...	9.9
„ 16,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.1	...	9.5
„ 17,.....	...	0.8	0.7	0.8	0.8	1.0	1.0	0.9	1.0	1.0	0.6	0.7	...	9.3
„ 18,.....	...	0.7	1.0	0.7	0.4	...	0.1	0.2	0.6	0.6	0.2	...	...	4.5
„ 19,.....	0.1	0.9	0.8	1.0	1.0	0.6	0.1	1.0	1.0	0.9	0.9	0.1	...	8.4
„ 20,.....	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.1
„ 21,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.6
„ 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	0.4	11.5
„ 23,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	1.0	0.5	...	9.5
„ 24,.....	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.9
„ 25,.....	0.2	0.8	1.0	1.0	1.0	0.9	0.9	0.7	0.1	1.0	1.0	0.3	...	8.9
„ 26,.....	...	...	...	...	...	0.2	0.2	0.1	...	...	...	...	...	0.5
„ 27,.....	...	0.5	1.0	0.9	1.0	0.7	0.7	1.0	0.7	0.5	0.1	...	...	7.1
„ 28,.....	...	0.2	0.5	0.8	0.8	0.6	...	...	0.1	0.5	0.7	...	...	4.2
„ 29,.....	...	0.7	1.0	0.2	0.3	0.5	0.2	1.0	0.6	0.1	...	...	...	4.6
„ 30,.....	...	0.8	0.9	0.6	...	0.5	0.7	...	...	0.1	0.3	0.4	...	4.3
„ 31,.....	...	0.6	1.0	1.0	0.9	0.2	...	0.9	0.1	...	...	...	...	4.7
Sums,.....	1.4	14.4	19.8	19.6	20.4	20.5	17.8	19.2	17.0	16.1	14.8	10.0	2.0	193.0

TABLE VI.

RAINFALL FOR THE MONTH OF AUGUST, 1891.

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,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	0.045	0.030	0.285	...	...	0.190	0.310	0.165	0.005	0.070	0.020	0.110	0.025	0.090	1.345	7	1.82
„ 3,.....	0.115	0.075	0.110	0.170	0.060	0.115	0.010	0.225	0.325	0.250	0.195	0.145	0.140	...	...	0.010	...	...	...	...	0.220	0.510	0.005	0.005	2.685	12	1.48
„ 4,.....	0.010	0.005	0.010	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	1	0.12
„ 5,.....	...	...	...	...	...	...	0.025	0.080	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.105	1	0.14
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	0.035	0	0.72
„ 7,.....	0.005	...	...	...	0.175	0.200	0.150	0.030	0.005	...	...	...	0.010	...	0.175	0.615	0.040	0.005	0.005	...	0.060	0.005	...	0.005	1.485	7	0.93
„ 8,.....	0.005	0.020	0.005	...	...	0.080	...	...	...	...	...	...	0.225	0.180	0.035	0.005	...	...	...	...	...	...	...	...	0.555	6	2.14
„ 9,.....	0.415	0.115	1.575	...	...	...	...	...	...	0.150	0.235	0.135	...	...	...	0.015	0.015	0.060	0.270	0.505	0.295	...	...	...	3.785	13	1.85
„ 10,.....	...	...	...	...	...	...	...	0.010	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.36
„ 17,.....	...	...	...	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	0.035	...	0.125	0	...
„ 18,.....	...	...	...	...	...	...	...	...	...	0.010	0.415	0.005	0.015	0.025	...	0.125	0.730	1.205	0.875	0.075	...	0.005	0.005	0.005	3.495	4	2.26
„ 19,.....	...	0.005	...	0.050	0.400	...	0.005	0.075	...	...	0.070	0.110	0.005	...	...	...	...	...	0.005	...	...	...	...	...	0.725	2	0.18
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.125	0.175	...	0.300	1	0.39
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.09
„ 26,.....	0.005	...	0.005	...	0.020	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.005	0.080	4	...
„ 27,.....	0.075	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.005	...	0.020	...	0.105	2	...
„ 28,.....	...	...	0.005	...	0.080	0.135	...	...	...	...	0.030	0.005	0.250	...	0.005	...	...	...	...	...	...	...	...	...	0.510	2	...
„ 29,.....	0.020	...	...	0.030	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	0.060	2	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	0.030	1.010	...	...	...	...	...	...	...	...	...	...	...	1.040	1	1.24
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.175	0.125	0.010	...	...	...	...	...	...	...	...	0.310	1	0.85
Sums, ...	0.650	0.220	1.710	0.300	0.735	0.530	0.210	0.420	0.330	0.415	0.990	0.465	1.940	0.385	0.345	0.970	1.095	1.440	1.160	0.650	0.600	0.795	0.290	0.145	16.790	66	14.57

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, 1891.

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	4	21	4	19	5	16	4	13	5	16	4	15	4	18	4	18	4	22	3	20	7	28	4	16	3	20	32	22	4	16	8	21	8	23	8	22	5	13	8	12	7	12	4	7	32	5	5	15	410	17.1	5
" 2	7	10	4	10	4	18	2	20	2	19	32	14	32	16	1	16	1	19	1	19	7	20	5	13	3	20	1	21	2	35	1	36	2	24	4	30	2	34	2	33	2	38	2	41	4	51	5	54	611	25.5	3
" 3	6	57	6	57	6	59	7	58	10	61	9	55	9	57	10	57	10	59	12	48	13	43	13	45	13	42	12	49	13	38	12	42	12	35	12	37	13	33	13	31	16	29	16	20	15	15	12	15	1042	43.4	11
" 4	11	27	12	33	12	37	12	35	12	31	12	32	12	32	12	30	12	28	12	26	12	26	12	24	12	19	10	18	10	21	12	17	12	18	10	18	10	20	9	18	9	22	10	22	9	25	9	25	604	25.2	11
" 5	9	23	10	21	10	16	11	17	11	17	10	19	10	17	12	19	12	14	12	12	13	16	8	13	7	16	7	17	8	18	9	18	8	19	9	17	9	17	10	13	9	11	10	12	11	7	11	4	373	15.5	10
" 6	11	6	12	4	...	1	6	8	7	5	8	2	8	3	...	1	8	10	8	10	8	10	8	13	7	13	8	17	8	18	12	13	13	11	12	6	16	9	14	6	13	11	11	12	12	12	12	13	214	8.9	10
" 7	12	12	12	10	13	8	13	8	10	9	15	10	9	5	7	7	11	7	11	10	12	16	15	14	4	5	5	5	9	10	8	10	16	4	15	4	7	7	7	8	11	6	8	3	8	4	8	6	188	7.8	11
" 8	8	10	10	16	11	18	12	20	13	17	12	16	13	7	8	10	12	13	12	15	13	24	12	22	14	22	16	16	14	24	14	30	13	26	12	22	12	20	12	23	11	22	12	26	12	21	11	26	466	19.4	12
" 9	12	27	12	31	15	26	14	29	14	29	14	24	13	22	12	18	12	21	13	28	12	26	12	20	12	17	10	20	10	24	10	30	12	27	11	27	10	22	8	15	8	13	10	19	9	22	9	23	560	23.3	12
" 10	10	22	9	20	12	17	10	22	10	21	11	23	12	26	12	22	11	21	10	19	12	28	14	22	12	24	12	21	12	17	12	15	13	11	14	10	13	8	11	9	11	8	11	6	11	5	11	8	405	16.9	11
" 11	13	12	13	13	14	8	13	14	13	11	13	16	13	17	13	18	13	18	14	13	14	11	8	11	8	12	8	12	16	9	15	8	14	7	14	7	10	7	10	7	10	10	8	10	11	6	11	5	262	10.9	12
" 12	...	0	11	5	...	0	...	1	7	4	...	1	7	3	7	4	8	5	8	8	8	7	8	5	12	3	9	6	30	3	6	6	8	10	8	3	13	3	14	4	14	3	...	0	...	0	...	1	85	3.5	8
" 13	20	3	24	5	24	8	24	5	24	6	24	5	26	7	24	8	22	10	23	11	23	12	22	11	22	10	22	10	20	14	20	14	20	14	20	11	20	10	20	9	23	5	...	1	22	9	21	9	207	8.6	22
" 14	21	13	22	12	21	10	22	10	21	11	20	12	22	14	21	13	22	16	20	16	20	18	20	18	20	16	19	12	19	16	18	14	19	18	19	20	20	18	20	16	20	12	20	8	20	9	20	8	330	13.7	20
" 15	20	11	19	14	19	17	20	14	20	12	21	13	21	18	21	15	21	14	19	18	20	21	19	16	20	14	19	14	19	12	19	11	16	13	18	10	18	13	17	9	18	11	18	12	18	9	18	8	319	13.3	19
" 16	18	6	16	5	17	12	18	14	17	11	18	8	18	9	20	12	16	10	19	13	20	16	20	14	20	12	17	12	18	10	18	12	17	11	18	7	16	6	16	5	16	7	11	7	12	9	14	10	238	9.9	18
" 17	14	12	14	15	15	12	13	8	15	8	14	8	14	9	15	8	15	10	14	12	14	11	14	10	14	8	14	13	13	12	12	14	15	10	12	8	11	6	10	7	8	9	2	6	9	5	11	5	226	9.4	13
" 18	13	9	13	6	9	10	10	12	8	10	10	8	8	11	7	12	8	14	7	18	9	16	7	15	7	14	8	22	8	23	8	17	21	8	27	6	5	8	8	12	10	13	10	7	...	1	4	4	276	11.5	8
" 19	11	2	10	13	10	12	8	9	7	12	10	15	8	13	8	17	10	16	10	16	6	15	6	13	9	20	9	23	8	20	9	20	8	17	8	17	9	11	8	9	8	8	10	11	9	12	10	14	335	14.0	9
" 20	10	15	10	12	10	13	10	15	10	13	9	10	8	9	8	12	9	14	9	10	9	12	9	13	9	15	10	17	10	21	9	19	9	15	9	14	9	12	9	10	9	4	8	8	9	6	10	11	300	12.5	9
" 21	10	9	10	4	10	2	...	0	10	2	...	1	10	3	...	1	28	3	28	3	23	6	24	7	25	5	24	8	23	6	24	5	19	4	18	5	17	5	28	3	28	2	28	2	28	2	...	0	88	3.7	22
" 22	...	0	...	0	...	0	...	1	...	0	...	0	...	0	24	10	23	14	23	12	23	14	22	15	22	15	22	12	23	13	23	12	23	12	23	13	23	9	23	9	23	6	23	6	23	5	23	4	182	7.6	23
" 23	23	6	26	5	25	6	24	5	24	4	...	0	28	5	24	4	30	9	32	12	8	11	10	12	10	16	9	18	10	14	9	15	9	11	9	15	9	11	9	11	9	11	8	22	8	18	8	15	256	10.7	8
" 24	8	22	8	20	7	14	8	13	9	8	8	9	7	9	8	10	8	9	8	11	9	12	12	5	12	6	13	6	23	9	23	10	23	12	23	9	23	10	24	9	23	10	31	25	21	6	17	5	259	10.8	9
" 25	3	3	...	1	...	0	3	2	11	3	10	2	11	7	32	20	1	17	1	12	4	9	6	9	10	12	10	7	23	7	23	6	23	3	23	10	9	6	6	3	15	3	27	6	32	6	29	11	165	6.9	2
" 26	28	9	23	8	24	13	25	16	28	15	20	7	22	18	28	19	22	12	24	12	24	12	26	10	26	6	16	8	15	8	16	8	14	6	13	7	10	8	12	10	12	12	12	10	13	12	12	12	258	10.8	21
" 27	14	17	12	20	12	17	13	14	12	13	12	13	12	14	13	14	13	18	12	18	9	19	8	16	8	14	8	12	13	8	16	7	15	8	9	8	9	7	9	10	13	7	7	7	8	4	8	8	293	12.2	11
" 28	9	12	8	13	8	10	8	6	8	5	10	8	10	14	9	17	10	21	9	22	10	23	7	14	15	6	2	4	24	5	9	13	8	10	8	11	9	8	8	10	8	16	9	11	9	10	7	9	278	11.6	9
" 29	8	14	8	15	8	13	7	14	8	13	8	8	7	7	7	8	8	9	8	10	8	13	9	12	9	14	9	16	10	12	14	8	8	16	9	8	9	8	10	7	10	3	9	7	9	10	8	7	252	10.5	9
" 30	8	4	10	6	9	5	11	5	11	4	7	4	8	2	8	4	8	6	15	6	16	7	26	9	32	10	28	10	18	5	29	5	29	5	29	5	22	7	22	3	...	1	...	1	...	1	16	2	117	4.9	6
" 31	15	2	...	0	16	3	...	0	...	0	...	0	16	2	16	3	24	7	24	8	24	6	4	8	5	17	8	13	7	3	7	2	32	4	29	5	29	5	28	3	...	1	28	2	28	2	...	0	96	4.0	2
Sums	...	396	...	413	...	401	...	408	...	390	...	358	...	394	...	427	...	466	...	468	...	508	...	445	...	443	...	461	...	451	...	458	...	412	...	392	...	361	...	334	...	326	...	337	...	309	...	337	9695	404.0	...
Means	...	12.8	...	13.3	...	12.9	...	13.2	...	12.6	...	11.5	...	12.7	...	13.8	...	15.0	...	15.1	...	16.4	...	14.4	...	14.3	...	14.9	...	14.5	...	14.8	...	13.3	...	12.6	...	11.6	...	10.8	...	10.5	...	10.9	...	10.0	...	10.9	312.7	13.0	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR AUGUST, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.52	9.21	4.58	1.16	−3.06	+8.05	E 21° S
2 „	1.42	9.55	5.08	1.19	3.66	8.36	E 24° S
3 „	1.68	8.10	5.35	1.54	3.67	6.56	E 29° S
4 „	1.58	8.48	5.25	1.63	3.67	6.85	E 28° S
5 „	1.35	8.24	5.50	1.29	4.15	6.95	E 31° S
6 „	0.84	7.50	5.46	1.04	4.62	6.46	E 36° S
7 „	1.24	8.10	5.12	1.86	3.88	6.24	E 32° S
8 „	2.21	8.13	4.83	2.14	2.62	5.99	E 24° S
9 „	1.98	9.04	6.00	2.37	4.02	6.67	E 31° S
10 „	2.11	8.37	6.54	2.33	4.43	6.04	E 36° S
11 „	0.71	10.02	7.35	2.87	6.64	7.15	E 43° S
Noon.	1.51	8.42	6.01	2.58	4.50	5.84	E 38° S
1 p.	2.23	8.57	5.63	2.00	3.40	6.57	E 27° S
2 „	1.94	9.11	5.50	1.68	3.56	7.43	E 26° S
3 „	1.52	8.21	6.13	2.35	4.61	5.86	E 38° S
4 „	1.32	8.47	6.63	2.03	5.31	6.44	E 40° S
5 „	0.98	7.23	6.32	1.90	5.34	5.33	E 45° S
6 „	1.03	7.67	5.21	2.31	4.18	5.36	E 38° S
7 „	1.53	6.98	4.86	1.75	3.33	5.23	E 33° S
8 „	1.23	6.84	3.97	1.42	2.74	5.42	E 27° S
9 „	1.25	6.28	4.01	1.12	2.76	5.16	E 28° S
10 „	2.58	6.56	3.53	0.92	0.95	5.64	E 10° S
11 „	1.58	6.64	3.37	0.97	1.79	5.67	E 18° S
Midt.	1.67	8.00	3.55	0.88	−1.88	+7.12	E 15° S
Means.....	1.54	8.07	5.24	1.72	−3.70	+6.35	E 30° S

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.
1891.														
Aug. 1	27.85	27.79	27.75	77	79	77	81	74	ENE	6	E	4	NE	4
„ 2	.73	.61	.52	77	76	74	79	73	NE	5	N	6	NE	8
„ 3	.60	.75	.83	72	73	72	74	71	ESE	7	SE	6	SE	6
„ 4	.96	.95	.97	73	73	73	76	71	SE	6	SE	5	SE	4
„ 5	28.01	.98	.99	73	76	74	77	72	SE	5	ESE	4	SE	4
„ 6	.03	.97	.95	76	76	73	77	72	SE	4	SE	4	SE	4
„ 7	27.99	.95	.96	74	73	73	76	70	SE	5	SE	4	SE	4
„ 8	.99	.97	.99	73	72	71	74	70	SE	4	S	6	SE	5
„ 9	28.04	28.03	.98	69	71	70	73	69	SE	6	SE	5	SE	5
„ 10	.04	.01	28.03	73	73	73	74	68	SE	6	SE	5	SE	5
„ 11	.01	27.96	27.96	74	74	74	76	72	SE	5	SE	4	S	3
„ 12	.04	.97	28.00	75	78	75	79	73	SE	3	S	2	SE	3
„ 13	.04	28.01	.02	76	76	75	79	73	NNW	3	SW	4	SW	4
„ 14	.04	.00	27.99	75	76	75	77	73	SW	5	SW	4	SW	5
„ 15	.03	27.94	.95	75	76	74	77	74	SW	5	SW	4	SW	5
„ 16	27.99	.98	.99	75	76	74	77	73	S	4	S	4	S	4
„ 17	28.06	28.02	28.05	76	77	75	78	73	S	4	S	4	S	4
„ 18	.08	.06	.06	76	74	74	76	73	E	4	E	3	SE	4
„ 19	.12	.06	.09	76	77	75	77	73	ESE	4	E	4	E	4
„ 20	.08	.04	.07	76	79	75	79	74	E	4	E	4	E	3
„ 21	.07	27.97	27.97	77	77	76	79	75	E	3	SE	2	SE	2
„ 22	27.95	.86	.86	77	81	78	82	75	NW	3	NW	4	NW	5
„ 23	.90	.87	.87	81	80	77	83	74	N	3	E	2	E	4
„ 24	28.00	.97	.94	78	81	79	83	76	E	3	E	3	NW	5
„ 25	27.92	.87	.89	80	82	77	82	76	NE	4	NE	3	E	3
„ 26	.85	.84	.86	74	75	74	77	74	WNW	4	SW	4	SE	4
„ 27	.94	.92	.96	76	76	75	78	74	SE	5	SSW	4	SE	4
„ 28	28.04	28.01	28.05	76	76	74	76	73	SE	5	SE	4	SE	4
„ 29	.06	.00	27.98	76	77	75	78	74	E	4	E	3	ESE	3
„ 30	27.96	27.88	.87	75	75	74	77	74	E	3	SW	4	SW	4
„ 31	.89	.86	.84	77	77	76	78	74	W	2	SW	4	SW	4
Means,	27.978	27.939	27.943	75.4	76.2	74.5	77.7	72.9	E 31° S	4.3	E 57° S	4.0	E 51° S	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
1891.												
August 1, ...	3	c-str.	...	3	c-str.	...	9	c-str. / sm-cum. / cum.	ENE	7	cum. / str.	NE / WSW
„ 2, ...	7	cum.	NE	1	cum.	NE	8	c-cum. / sm-cum.	NE	10	sm-cum. / cum.	NE
„ 3, ...	10	nim.	NE	10	nim.	ENE	10	nim.	ESE	10	nim.	SE
„ 4, ...	10	nim.	SE	10	cum.	SE	10	cum.	SE	10	cum-nim.	ESE
„ 5, ...	8	cum.	SE	7	cum.	SE	9	nim.	SE	10	cum.	ESE
„ 6, ...	0	...	...	2	c-str.	...	9	str. / cum.	SE	9	c-str. / cum.	E / SSE
„ 7, ...	10	cum-nim.	SE	10	cum.	SSE	10	nim.	S	9	sm-cum. / cum.	WNW / SSE
„ 8, ...	6	cum.	SE	7	nim.	SE	7	c-cum. / sm-cum / cum.	SSE	10	cum-nim	SE
„ 9, ...	10	nim.	SE	10	nim.	SSE	10	nim.	SSE	10	nim.	SSE
„ 10, ...	10	cum.	SE	9	cum.	SE	9	str. / cum.	SE	9	c-str. / cum.	SE
„ 11, ...	6	cum.	SE	7	cum.	SE	9	sm-cum. / cum.	SE	3	c-str. / cum. / cum.	- / SW / SSE
„ 12, ...	0	...	...	0	...	...	2	cum.	SSE	5	c-str. / cum.	NNE / S
„ 13, ...	6	c-str.	...	0	...	...	8	sm-cum. / cum.	W	4	sm-cum. / cum.	NNE / W
„ 14, ...	3	c-str.	...	6	cum.	SW	7	c-str. / sm-cum. / cum.	WSW	2	c-str. / cum.	E / W
„ 15, ...	2	cum.	WSW	2	sm-cum.	...	5	c-str. / cum.	WSW	4	c-str. / cum.	W
„ 16, ...	5	cum.	SW	7	cum.	SW	6	c-str. / cum.	SW	6	c-str. / cum.	SW
„ 17, ...	7	cum.	SSE	5	cum.	SSE	7	c-str. / cum.	NNE / SSE	8	c-str. / cum.	E / SE
„ 18, ...	4	cum.	E	6	cum.	E	4	c-str. / c-cum. / cum.	E	9	cum.	E
„ 19, ...	7	nim.	SE	10	nim.	SE	5	c-str. / cum.	SE	3	c-str. / cum.	E / SE
„ 20, ...	2	cum.	ESE	5	cum.	ESE	5	cum.	SE	2	cum.	ESE
„ 21, ...	2	cum.	E	1	cum.	...	1	cum.	E	2	cum.	ENE
„ 22, ...	0	...	...	2	c-str.	...	2	c-str.	...	1	c-str. / cum.	N / W
„ 23, ...	3	sm-cum.	NNE	6	sm-cum.	NNE	8	c-str.	...	4	c-str.	NE
„ 24, ...	8	sm-cum. / cum.	ENE / NE	3	cum.	E	7	c-str. / c-cum. / cum.	- / E / E	4	c-str. / sm-cum. / cum.	ENE / - / E
„ 25, ...	3	c-str.	...	8	cum.	E	8	c-str.	...	6	c-str.	NNE
„ 26, ...	10	nim.	NE	10	nim.	NE	9	nim.	WNW	10	str. / cum.	NW
„ 27, ...	10	nim.	SE	5	cum.	SE	8	c-str. / cum.	SE	7	c-str. / cum.	N / SSW
„ 28, ...	6	cum.	ESE	7	cum.	SE	9	c-str. / cum.	SE	9	c-str. / cum.	ESE
„ 29, ...	7	nim	E	8	cum.	E	7	c-str. / cum.	E	9	sm-cum. / cum.	E
„ 30, ...	10	cum-nim.	E	9	cum.	E	6	c-cum. / cum.	N / SSE	10	R-cum.	SSW
„ 31, ...	7	cum.	...	3	sm-cum.	...	7	c-str. / c-cum. / sm-cum. / cum.	- / N / NNW / WSW	7	sm-cum. / cum.	N / NW
Means,...	5.9	...	...	5.8	...	...	7.1	...	...	6.7	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
August 1,...	6	c-str. / cum.	WSW / NW	9	c-str. / cum.	WSW / ENE	7	c-str. / cum.	NE	8	c-str. / cum.	NE	6.5
„ 2,...	10	nim.	NNE	9	nim.	NNE	10	cum.	NE	10	nim.	NNE	8.1
„ 3,...	10	nim.	SSE	10	R-cum.	SE	10	cum-nim.	SE	10	nim.	SE	10.0
„ 4,...	10	cum.	SSE	10	c-str. / cum.	W / SSE	9	c-str. / cum.	WNW / SE	10	c-str. / cum.	SE	9.9
„ 5,...	7	c-str. / cum.	NNW / SE	7	c-str. / cum.	NW / ESE	9	c-str. / cum.	E	2	cum.	E	7.4
„ 6,...	9	c-str. / cum.	WNW / SSE	8	c-str. / cum.	NW / SSE	9	c-str. / cum-nim.	SE	10	cum-nim.	SE	7.0
„ 7,...	9	c-str. / nim.	SSE	10	nim.	E	10	nim.	E	9	cum-nim.	E	9.6
„ 8,...	10	nim.	...	9	cum-nim.	SSE	10	nim.	SE	9	cum-nim.	SE	8.5
„ 9,...	10	nim.	SSE	10	nim.	SE	10	nim.	SE	9	cum-nim.	ESE	9.9
„ 10,...	9	c-str. / cum.	SE	9	c-str. / cum.	NW / SE	9	c-str. / cum.	SE	5	c-str. / cum.	SE	8.6
„ 11,...	6	c-str. / cum.	E	9	c-str. / cum.	NE / SW	1	cum.	...	7	c-str. / cum.	E	6.0
„ 12,...	7	c-str. / cum.	S	8	c-str. / sm-cum.	SE	3	c-str. / c-cum. / sm-cum.	.. / E / E	8	c-str. / c-cum. / sm-cum.	E	4.1
„ 13,...	4	c-str. / c-cum. / cum.	ESE / E / W	9	c-str.	E	8	c-str. / c-cum.	SSE	8	c-str. / cum	ESE / ..	5.9
„ 14,...	3	c-str. / cum.	W	8	c-str.	ESE	8	c-str. / cum.	SE / SW	5	c-str. / cum.	SE / WSW	5.2
„ 15,...	7	c-str. / cum.	WSW	8	c-str. / c-cum. / cum.	ESE / ESE / WSW	5	c-cum. / sm-cum. / cum.	ESE / E / WSW	7	cum.	SW	5.0
„ 16,...	5	c-str. / cum.	S / SW	8	c-str. / cum.	NNE / SSW	7	c-str. / cum.	SSW	7	c-str. / cum.	NE / SSE	6.4
„ 17,...	6	c-str. / cum.	SSE	9	c-str. / cum.	SSE	4	c-str. / cum.	SSE	7	c-str. / cum-nim.	E	6.6
„ 18,...	9	R-cum.	E	9	cum.	E	10	nim.	...	7	c-str. / cum.	N / ESE	7.3
„ 19,...	7	c-str. / cum.	E	9	c-str. / cum.	E / ESE	4	c-str. / cum.	ESE	5	cum.	ESE	6.2
„ 20,...	2	cum.	E	0	...	...	0	...	...	3	c-str. / cum.	E	2.4
„ 21,...	2	c-str. / cum.	E	1	cum.	E	0	...	...	0	...	...	1.1
„ 22,...	2	c-str.	NNE	6	c-str.	NNE	7	c-str. / c-cum. / sm-cum.	NNE / E / NNW	8	c-str. / sm-cum.	NNE / NW	3.5
„ 23,...	7	c-str. / cum.	NE / W	8	c-str. / c-cum. / cum.	NNE / W / E	7	c-str. / cum.	W	6	c-str. / sm-cum. / cum.	E	6.1
„ 24,...	5	c-str. / cum.	ENE / E	2	c-str.	W	3	c-str. / cum.	W	8	nim.	...	5.0
„ 25,...	5	cum.	ENE	9	c-str.	NE	9	c-str. / cum.	ENE	10	c-str. / cum.	...	7.3
„ 26,...	8	c-str. / cum.	WSW	9	c-str.	...	10	c-str. / cum.	E	8	c-str. / cum.	ESE	9.2
„ 27,...	8	c-str. / cum.	N / SSW	10	c-str. / cum.	N / SSW	10	c-str. / cum.	N / SSW	6	c-str. / cum.	ESE	8.0
„ 28,...	10	nim.	SSE	8	c-str. / cum.	N / S	9	c-str. / cum.	E	1	c-str. / cum.	...	7.4
„ 29,...	8	c-str. / sm-cum. / cum.	N / SE / SE	8	nim.	SE	8	c-str. / cum.	ESE	7	c-str. / cum.	ESE	7.8
„ 30,...	10	nim.	...	8	c-str. / sm-cum. / cum.	.. / WNW / WNW	8	c-str. / cum.	WNW	9	c-str. / cum.	...	8.7
„ 31,...	9	c-str. / sm-cum. / cum.	.. / NE / WSW	9	c-str. / cum.	WSW	6	c-str. / cum.	WNW	0	...	...	6.0
Means,...	7.1	...	...	7.9	...	...	7.1	...	...	6.7	...	...	6.8

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF SEPTEMBER, 1891.

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,...	29.543	29.525	29.501	29.491	29.496	29.510	29.537	29.548	29.561	29.565	29.557	29.544	29.523	29.509	29.491	29.482	29.492	29.499	29.514	29.544	29.572	29.573	29.585	29.583	29.531
" 2,...	.568	.565	.536	.533	.548	.572	.599	.612	.619	.622	.620	.616	.595	.581	.568	.577	.572	.593	.599	.615	.637	.654	.651	.644	.596
" 3,...	.640	.625	.617	.606	.601	.620	.637	.667	.678	.691	.678	.653	.647	.640	.609	.598	.589	.607	.637	.665	.685	.694	.682	.685	.644
" 4,...	.668	.655	.641	.649	.675	.681	.682	.693	.687	.702	.681	.661	.645	.634	.611	.613	.612	.634	.647	.659	.690	.698	.687	.674	.662
" 5,...	.660	.647	.617	.605	.603	.627	.628	.637	.656	.653	.643	.637	.627	.614	.598	.587	.587	.585	.595	.598	.617	.619	.611	.603	.619
" 6,...	.607	.576	.567	.579	.569	.591	.600	.615	.628	.622	.610	.582	.555	.542	.539	.542	.548	.574	.580	.611	.630	.627	.613	.614	.588
" 7,...	.607	.599	.584	.589	.599	.599	.614	.630	.641	.635	.626	.610	.586	.562	.547	.534	.539	.541	.569	.580	.599	.606	.605	.596	.592
" 8,...	.589	.571	.561	.569	.581	.580	.595	.612	.611	.613	.599	.586	.549	.524	.523	.524	.526	.536	.542	.568	.592	.592	†.590	†.571	.571
" 9,...	†.547	†.533	.521	.530	.548	.548	.562	.583	.577	.579	.571	.548	.533	.514	.500	.490	.502	.524	.539	.556	.574	.569	.565	.562	.545
" 10,...	.550	.539	.530	.532	.536	.544	.569	.579	.590	.588	.590	.569	.539	.524	.516	.528	.521	.537	.546	.565	.586	.592	.588	.574	.555
" 11,...	.567	.537	.534	.536	.517	.533	.551	.569	.578	.589	.580	.558	.535	.528	.520	.516	.522	.527	.541	.562	.580	.591	.610	.590	.553
" 12,...	.583	.571	.575	.582	.597	.607	.628	.649	.655	.662	.665	.648	.630	.606	.606	.607	.631	.647	.672	.686	.705	.705	.697	.691	.638
" 13,...	.678	.682	.658	.672	.674	.691	.714	.721	.726	.724	.715	.704	.686	.681	.672	.663	.675	.682	.696	.712	.733	.731	.723	.716	.697
" 14,...	.707	.686	.671	.682	.676	.696	.712	.738	.749	.743	.724	.704	.687	.673	.655	.655	.675	.686	.701	.730	.750	.757	.761	.744	.707
" 15,...	.737	.718	.720	.708	.736	.734	.757	.768	.777	.783	.780	.758	.744	.723	.707	.699	.700	.708	.716	.733	.757	.766	.783	.757	.740
" 16,..	.749	.735	.726	.730	.720	.743	.736	.744	.761	.763	.754	.741	.717	.696	.676	.685	.696	.700	.698	.720	.733	.740	.743	.741	.727
" 17,...	.736	.726	.724	.714	.713	.720	.720	.724	.754	.762	.757	.754	.745	.718	.716	.738	.725	.728	.734	.755	.760	.756	.758	*.751	.737
" 18,...	*.744	*.738	*.736	*.736	*.742	*.752	.772	.793	.808	.807	.790	.768	.757	.740	.726	.721	.720	.730	.743	.773	.797	.804	.806	.801	.763
" 19,...	.786	.776	.773	.769	.771	.783	.792	.814	.851	.844	.832	.828	.806	.786	.779	.781	.783	.793	.806	.822	.845	.858	.847	.845	.807
" 20,...	.823	.809	.793	.788	.790	.803	.820	.847	.854	.845	.842	.834	.813	.796	.782	.777	.775	.777	.781	.794	.812	.814	.813	.798	.808
" 21,...	.773	.758	.749	.746	.748	.751	.768	.771	.790	.789	.778	.752	.719	.700	.688	.693	.697	.706	.701	.719	.726	.733	.724	.714	.737
" 22,...	.708	.694	.689	.698	.691	.694	.705	.709	.725	.733	.720	.707	.696	.686	.669	.656	.660	.664	.662	.673	.670	.674	.662	.657	.688
" 23,...	.630	.615	.592	.596	.592	.621	.643	.654	.671	.680	.669	.643	.625	.608	.597	.600	.612	.623	.650	.677	.701	.707	.704	.704	.642
" 24,...	.702	.694	.690	.697	.708	.726	.743	.767	.780	.779	.770	.752	.735	.714	.704	.707	.713	.733	.742	.766	.795	.798	.794	.790	.742
" 25,...	.782	.776	.768	.764	.772	.788	.802	.826	.833	.831	.817	.793	.768	.742	.730	.731	.736	.750	.760	.781	.795	.802	.801	.795	.781
" 26,...	.783	.766	.746	.743	.750	.763	.793	.800	.803	.799	.792	.759	.739	.713	.697	.692	.698	.701	.714	.745	.765	.780	.779	.779	.754
" 27,...	.770	.760	.750	.745	.755	.771	.798	.815	.824	.832	.828	.809	.787	.779	.776	.777	.772	.782	.800	.828	.846	.853	.852	.846	.798
" 28,...	.827	.816	.808	.798	.801	.811	.826	.843	.850	.855	.849	.821	.797	.777	.764	.767	.759	.764	.787	.804	.822	.823	.818	.806	.808
" 29,...	.789	.773	.767	.766	.775	.790	.811	.832	.837	.845	.830	.790	.759	.744	.734	.740	.740	.750	.766	.793	.809	.818	.811	.809	.787
" 30,...	.791	.782	.777	.782	.792	.812	.837	.861	.877	.875	.867	.850	.828	.813	.800	.799	.807	.826	.850	.877	.890	.894	.891	.883	.836
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.688	29.675	29.664	29.664	29.669	29.682	29.698	29.714	29.725	29.727	29.718	29.699	29.679	29.662	29.650	29.649	29.653	29.664	29.676	29.697	29.716	29.721	29.718	29.711	29.688

* Interpolated. † Approximate.

TABLE II.

TEMPERATURE FOR THE MONTH OF SEPTEMBER, 1891.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Sept. 1,	79.0	78.5	78.5	77.9	77.5	80.0	79.4	81.6	83.1	85.5	87.1	87.5	88.2	87.7	85.9	87.1	86.5	83.5	83.5	82.0	82.0	81.5	81.8	81.7	82.8	89.2	77.2
„ 2,	80.9	78.9	78.1	78.3	78.6	79.3	80.5	82.1	85.5	86.3	85.5	87.7	88.5	88.4	81.5	79.9	79.4	80.0	80.5	80.3	79.6	79.4	79.7	79.5	81.6	90.2	77.8
„ 3,	80.1	80.2	79.4	79.9	80.1	80.3	82.0	83.0	83.5	84.3	84.5	84.4	80.6	79.4	81.5	82.8	80.5	80.0	80.0	80.5	80.5	79.5	79.0	78.8	81.0	85.7	78.2
„ 4,	79.8	80.1	77.7	76.1	77.2	77.2	77.6	77.0	77.1	80.4	83.4	83.5	84.5	82.7	84.0	82.5	79.2	79.5	78.7	78.5	78.0	78.5	78.8	77.9	79.6	84.7	74.7
„ 5,	76.9	76.6	76.9	76.8	78.6	79.5	81.3	82.0	83.2	83.3	84.4	84.5	84.5	84.8	83.5	84.0	82.5	82.0	82.7	81.7	82.0	82.0	81.9	81.4	81.5	86.0	76.3
„ 6,	81.5	81.2	81.3	80.4	80.1	79.8	81.4	82.4	82.3	83.4	84.5	85.5	86.5	84.5	84.3	76.0	75.8	75.5	76.3	76.8	77.0	77.5	77.3	77.4	80.4	87.7	75.5
„ 7,	77.9	77.9	78.1	78.0	78.0	78.4	79.5	81.0	82.3	85.0	86.0	86.0	85.2	86.6	86.7	86.4	86.0	84.0	83.4	82.6	82.4	82.0	81.3	81.1	82.3	87.5	76.9
„ 8,	81.1	80.6	80.4	80.5	80.5	80.5	79.5	80.0	80.8	83.0	84.8	85.1	86.7	87.3	88.0	88.0	83.1	81.6	81.0	81.5	81.0	81.0	80.5	80.3	82.4	89.3	78.6
„ 9,	80.2	79.8	80.1	79.4	79.4	79.7	81.4	82.5	85.1	87.3	88.2	89.0	89.0	88.2	89.5	88.8	85.6	84.0	78.3	77.0	78.5	78.9	79.1	79.1	82.8	90.1	76.4
„ 10,	79.7	80.2	81.1	80.9	81.5	81.6	83.5	84.4	85.7	86.5	87.0	87.9	87.2	87.1	86.0	82.2	81.0	80.1	82.0	82.5	82.5	82.5	82.7	82.8	83.3	88.4	77.6
„ 11,	82.6	82.0	81.4	81.4	81.5	81.5	81.5	82.2	82.2	83.0	82.6	84.0	83.1	82.5	80.5	81.0	81.4	81.0	80.3	80.5	79.3	80.0	75.7	74.6	81.1	84.2	74.6
„ 12,	77.5	78.4	77.2	78.1	78.0	79.3	79.6	79.9	78.8	79.3	77.0	78.6	79.0	79.3	78.8	77.7	78.0	79.4	79.8	80.0	80.8	80.5	80.2	80.2	79.0	80.8	74.6
„ 13,	80.2	80.2	80.1	79.9	79.9	78.1	78.4	78.0	80.5	82.3	83.0	84.7	82.4	81.4	83.5	83.0	82.0	79.0	80.3	80.5	80.0	80.0	80.0	79.4	80.7	84.7	76.6
„ 14,	79.3	79.4	79.1	78.9	78.9	78.8	79.9	81.0	82.0	83.4	84.7	85.0	84.0	83.0	86.0	86.0	84.0	83.0	81.5	81.7	81.5	80.1	80.4	80.8	81.8	87.7	77.3
„ 15,	80.7	80.8	80.7	80.5	80.3	79.5	79.1	81.0	83.0	82.8	83.0	83.5	83.2	84.0	83.5	83.3	82.7	81.3	81.0	80.6	80.8	80.4	80.7	80.7	81.5	84.0	79.1
„ 16,	80.3	80.1	80.0	79.5	79.1	79.2	80.0	81.0	82.3	83.8	84.9	85.0	87.0	86.0	87.1	87.0	85.0	84.2	83.7	83.7	83.5	83.6	83.0	83.0	83.0	87.1	78.1
„ 17,	81.0	81.0	81.0	81.1	81.0	81.3	83.0	83.8	83.7	83.8	84.0	83.2	77.7	81.9	75.5	75.7	77.0	78.0	77.4	79.5	80.4	81.0	81.2	80.8	80.6	84.7	73.1
„ 18,	80.9	80.4	78.6	79.7	79.8	77.5	74.8	75.1	75.6	77.0	79.9	80.8	76.0	79.3	79.6	78.7	80.3	79.5	80.1	80.0	80.3	80.3	80.1	80.0	78.9	81.7	73.1
„ 19,	79.9	79.9	79.8	78.1	77.9	77.7	77.2	78.7	75.0	76.0	80.0	82.9	80.4	80.0	81.1	80.5	79.3	*79.2	79.0	79.0	78.6	78.0	77.7	77.6	78.9	84.2	72.6
„ 20,	77.6	77.1	76.0	76.4	76.4	76.8	78.0	79.2	82.0	82.2	84.0	84.0	86.8	85.6	84.5	82.0	81.5	81.2	79.0	79.7	78.9	79.5	78.9	78.5	80.2	88.7	74.6
„ 21,	78.1	78.3	78.3	78.1	78.0	78.1	78.7	80.0	81.9	83.6	85.0	84.2	86.0	87.0	86.0	85.0	83.9	82.0	81.6	80.0	80.0	81.1	80.0	80.0	81.5	88.9	78.0
„ 22,	80.0	80.0	80.0	80.0	79.8	79.0	80.0	81.5	82.0	84.8	85.4	85.2	85.3	85.4	85.2	84.0	82.2	81.1	82.0	83.1	85.0	83.1	82.0	81.8	82.4	85.7	76.5
„ 23,	83.0	81.0	80.6	79.8	79.0	79.0	79.0	79.9	82.1	83.9	84.5	86.0	86.0	86.3	85.8	85.1	84.0	82.5	82.0	81.5	81.1	80.0	81.0	80.0	82.2	87.8	78.4
„ 24,	81.3	81.3	80.5	80.6	80.2	80.0	81.0	81.9	83.7	84.1	86.0	84.9	85.4	88.3	88.3	87.8	84.1	84.0	83.1	81.1	81.1	81.0	80.1	79.9	82.9	89.8	77.6
„ 25,	78.7	78.9	78.6	78.9	78.3	78.9	79.7	83.0	85.0	86.1	87.0	88.2	89.5	87.0	86.8	84.7	83.1	81.5	81.0	80.1	80.0	78.8	78.9	78.4	82.1	90.1	77.2
„ 26,	78.0	77.9	77.3	77.1	77.2	76.8	78.9	80.9	83.5	83.5	84.9	85.1	86.6	86.0	84.4	84.4	82.6	81.0	80.0	80.0	79.5	79.0	78.5	78.1	80.9	88.5	75.1
„ 27,	78.1	78.2	77.9	77.7	77.9	77.7	79.0	81.0	82.0	83.1	83.1	83.2	83.0	82.0	81.0	80.2	80.0	80.0	78.9	79.1	79.0	79.0	78.9	78.3	79.9	83.7	76.5
„ 28,	77.9	77.7	77.6	76.1	76.0	76.6	78.8	80.0	81.3	82.1	83.0	83.0	83.1	82.5	80.4	80.6	80.0	79.5	79.3	78.5	78.2	78.3	78.3	78.2	79.5	84.7	74.5
„ 29,	77.7	77.2	77.5	76.9	77.2	76.9	78.0	79.8	81.4	84.7	84.1	84.1	84.5	82.0	81.4	83.1	82.8	81.0	80.5	80.7	79.9	80.0	80.4	80.5	80.5	86.2	74.7
„ 30,	79.9	79.1	78.6	77.7	77.2	77.0	76.9	79.3	79.8	83.0	81.2	81.9	83.1	84.8	84.8	84.0	82.0	80.0	79.0	78.3	78.3	79.0	78.2	77.5	80.0	85.8	75.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	79.7	79.4	79.1	78.8	78.8	78.9	79.6	80.8	81.9	83.2	84.1	84.6	84.4	84.4	83.8	83.1	81.8	81.0	80.5	80.4	80.3	80.2	79.9	79.6	81.2	86.6	76.2

* Interpolated.

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF SEPTEMBER, 1891.

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	76.3	76.3	75.9	75.9	77.9	77.2	78.4	79.1	81.2	80.7	81.4	82.4	82.2	80.3	80.4	80.4	79.4	77.9	78.3	79.4	79.2	79.0	79.1	79.0	146.5
„ 2,...	79.1	76.9	75.5	75.7	75.8	75.9	76.7	75.7	76.6	76.7	78.7	79.9	81.8	80.9	77.9	76.3	77.1	77.3	77.6	77.4	77.5	78.0	77.9	77.9	77.5	146.5
„ 3,...	78.3	78.2	77.7	78.1	77.9	77.9	77.1	76.9	77.0	78.0	77.9	79.7	76.9	77.2	78.2	78.3	78.2	78.4	76.7	75.9	76.0	74.2	74.8	75.1	77.3	136.1
„ 4,...	76.0	76.1	76.3	74.2	75.8	76.1	76.3	74.9	74.0	76.7	77.9	76.9	77.9	78.0	77.9	78.6	78.4	76.9	77.4	76.8	77.2	77.2	76.4	76.6	76.7	138.0
„ 5,...	75.8	76.2	76.2	75.9	75.9	75.8	74.9	75.7	75.9	76.3	75.9	76.1	76.0	77.3	77.3	78.0	76.6	76.2	75.9	76.4	76.4	76.3	76.5	77.0	76.3	144.4
„ 6,...	77.0	76.8	76.4	76.4	77.1	77.0	78.0	77.8	77.7	78.6	78.9	79.4	80.5	80.5	80.3	74.5	74.2	74.8	74.9	75.2	75.0	74.9	75.5	75.5	77.0	146.5
„ 7,...	76.6	76.0	76.3	75.7	75.2	75.7	76.4	76.4	76.1	79.9	80.6	79.7	79.6	80.0	79.9	80.3	79.4	77.9	78.3	78.9	78.3	77.9	78.1	77.8	78.0	146.6
„ 8,...	78.1	78.7	78.7	78.5	78.3	78.6	78.0	78.2	78.1	79.0	79.7	80.0	82.3	82.7	82.3	82.0	80.6	78.8	77.2	77.9	77.6	77.7	78.1	77.9	79.1	142.3
„ 9,...	78.0	78.0	78.2	78.3	78.5	78.5	79.0	79.6	80.1	80.1	79.0	80.8	81.9	81.3	83.0	82.2	80.3	79.4	74.4	75.2	75.5	76.4	76.6	76.6	78.8	143.1
„ 10,...	77.1	78.0	77.0	77.4	77.2	78.0	78.5	78.5	78.5	75.1	76.9	78.4	78.6	79.3	79.4	78.3	75.9	74.9	73.6	74.5	75.0	74.0	73.8	73.0	76.7	146.6
„ 11,...	72.9	72.2	71.2	70.8	*71.5	*72.2	72.9	73.8	73.8	74.0	74.5	75.9	75.1	74.4	74.2	74.7	74.3	74.0	73.4	73.4	77.1	77.7	73.6	74.0	73.8	144.4
„ 12,...	74.5	75.1	75.0	75.0	75.7	76.0	76.4	76.7	76.9	76.2	76.0	76.5	76.6	76.2	76.0	75.7	75.7	75.0	75.2	74.7	74.2	74.9	76.0	76.7	75.7	134.4
„ 13,...	77.3	77.4	77.4	77.2	77.4	76.4	76.8	76.4	78.0	78.7	77.9	78.7	78.3	79.0	78.4	78.5	77.9	77.4	77.5	77.2	77.1	76.7	76.9	77.2	77.6	144.6
„ 14,...	76.9	76.8	77.4	76.7	76.8	77.0	78.0	78.0	78.5	79.1	79.2	79.4	80.2	78.9	79.4	79.9	78.2	78.4	78.5	78.8	77.4	76.8	77.2	77.4	78.1	147.5
„ 15,...	77.1	77.2	76.9	77.4	78.0	77.3	75.8	76.8	76.9	75.5	75.2	75.1	75.2	75.0	73.1	73.0	69.9	69.9	70.9	70.7	71.9	71.9	71.8	72.8	74.4	141.8
„ 16,...	71.8	72.8	72.9	72.9	71.9	70.9	71.6	70.9	70.9	69.7	70.9	70.1	73.1	73.1	75.3	75.1	74.6	74.9	74.9	74.1	74.7	74.2	73.9	73.9	72.9	138.1
„ 17,...	76.5	76.2	76.2	74.9	74.9	74.9	75.1	75.7	75.9	76.1	76.0	76.6	74.2	75.9	73.9	73.9	75.2	74.6	75.2	76.3	77.2	76.9	76.6	76.3	75.6	138.1
„ 18,...	77.1	77.1	76.4	76.1	76.4	73.9	73.1	73.6	74.0	75.0	76.9	77.1	75.5	76.6	76.5	77.1	76.9	76.5	76.9	76.9	76.3	76.7	76.8	76.6	76.1	97.2
„ 19,...	76.1	76.2	76.0	75.3	74.8	74.3	74.2	74.7	73.9	74.2	75.8	76.1	75.4	74.9	75.0	73.9	74.2	*73.8	73.4	73.2	72.4	72.9	72.6	73.3	74.4	153.0
„ 20,...	72.8	72.3	71.9	71.4	72.0	71.9	72.4	73.4	74.9	75.2	77.0	76.4	79.0	77.8	78.7	77.0	76.9	76.2	76.2	76.3	74.9	72.1	71.1	71.2	74.5	146.5
„ 21,...	70.4	70.4	70.4	69.9	69.9	70.9	70.8	71.8	73.0	74.8	73.4	74.2	76.6	78.3	77.6	78.0	76.7	76.3	74.9	75.1	75.2	75.1	71.9	73.1	73.7	140.2
„ 22,...	70.0	69.5	†68.0	†68.0	†68.0	†68.0	70.1	70.0	70.8	71.0	71.0	71.0	78.0	77.2	74.0	73.0	72.0	71.0	71.0	70.5	70.1	70.0	70.0	69.8	70.9	154.8
„ 23,...	68.8	68.4	68.5	70.5	69.4	69.1	70.0	71.0	71.5	72.3	73.0	75.2	76.1	78.2	76.0	76.4	76.0	75.2	75.5	75.1	75.0	74.7	75.5	75.2	73.2	153.3
„ 24,...	75.8	75.8	75.6	75.5	75.8	75.7	76.1	76.3	76.0	75.9	77.0	76.0	76.9	80.3	77.3	76.2	77.1	76.3	73.1	74.1	76.7	76.2	76.2	76.4	76.2	140.4
„ 25,...	76.9	77.2	77.0	77.1	76.7	76.2	76.6	75.0	75.0	74.8	77.6	77.2	73.5	73.0	75.2	74.0	74.8	75.2	74.1	73.9	74.0	74.0	75.2	75.0	75.4	142.3
„ 26,...	74.4	74.8	74.2	74.1	73.3	73.9	75.7	74.5	73.5	72.1	74.7	75.0	76.8	76.1	74.4	75.0	75.2	73.6	74.0	74.4	74.3	74.0	74.7	74.8	74.5	142.4
„ 27,...	74.9	74.7	74.7	74.6	74.5	74.5	75.2	74.8	74.2	75.1	75.2	75.7	76.0	75.7	74.6	74.5	74.1	74.0	73.8	73.2	73.1	73.1	73.1	73.2	74.4	143.3
„ 28,...	73.7	73.1	72.9	71.6	72.2	73.2	73.2	74.0	74.9	74.0	73.2	74.1	74.1	74.1	73.6	74.0	73.5	73.5	73.0	73.3	73.6	73.0	73.6	73.6	73.5	138.1
„ 29,...	72.9	73.8	73.8	73.9	73.4	74.2	75.0	74.6	75.8	77.7	76.7	76.0	76.0	75.5	75.8	76.1	76.0	75.0	74.5	74.6	75.1	75.2	75.9	73.2	75.0	147.8
„ 30,...	71.1	69.1	68.2	66.9	67.4	67.0	66.7	67.9	68.2	70.8	68.9	68.8	69.8	70.8	70.5	70.7	71.3	71.0	70.9	68.3	68.4	67.3	67.4	67.9	69.0	146.5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	75.2	75.0	74.8	74.5	74.6	74.6	74.9	75.1	75.3	75.8	76.2	76.6	77.1	77.3	76.9	76.5	76.1	75.5	75.0	75.0	75.2	75.0	74.9	74.9	75.5	142.4

* Interpolated. † Approximate.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF SEPTEMBER, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	80	0.817	Sept. 1,.....	84	0.941
2 „	80	.812	„ 2,.....	83	.889
3 „	81	.808	„ 3,.....	84	.888
4 „	81	.799	„ 4,.....	87	.880
5 „	81	.804	„ 5,.....	78	.838
6 „	81	.802	„ 6,.....	85	.883
7 „	79	.806	„ 7,.....	82	.902
8 „	75	.798	„ 8,.....	86	.951
9 „	73	.791	„ 9,.....	83	.932
10 „	69	.795	„ 10,.....	73	.831
11 „	68	.800	„ 11,.....	70	.737
Noon.	68	.811	„ 12,.....	86	.845
1 p	71	.836	„ 13,.....	87	.906
2 „	72	.844	„ 14,.....	84	.914
3 „	72	.834	„ 15,.....	71	.757
4 „	73	.827	„ 16,.....	60	.674
5 „	76	.827	„ 17,.....	78	.819
6 „	76	.812	„ 18,.....	88	.864
7 „	76	.797	„ 19,.....	80	.792
8 „	76	.798	„ 20,.....	75	.778
9 „	78	.808	„ 21,.....	68	.727
10 „	77	.801	„ 22,.....	55	.603
11 „	78	.801	„ 23,.....	63	.698
Midt.	79	.806	„ 24,.....	72	.814
			„ 25,.....	72	.791
			„ 26,.....	72	.769
			„ 27,.....	76	.778
			„ 28,.....	74	.746
			„ 29,.....	76	.795
			„ 30,.....	55	.562
			.....	...	.....
Means,.....	76	0.810	Means.	76	0.810

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.
1891.														
Sept. 1,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.2	11.3
„ 2,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	0.2	...	7.9
„ 3,.....	...	...	0.1	...	...	...	0.4	0.1	0.4	0.8	0.4	...	...	2.2
„ 4,.....	...	...	...	...	...	0.4	0.2	...	0.1	0.3	...	...	...	1.0
„ 5,.....	...	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	...	7.9
„ 6,.....	...	0.8	1.0	0.8	0.9	0.9	1.0	1.0	0.6	0.6	...	...	...	7.6
„ 7,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.0
„ 8,.....	...	...	...	...	0.2	1.0	1.0	1.0	1.0	1.0	0.9	0.1	...	6.2
„ 9,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.6
„ 10,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	...	...	8.5
„ 11,.....	...	0.1	0.5	0.1	0.6	0.2	0.5	...	...	0.1	...	...	...	2.1
„ 12,.....	...	0.4	0.3	0.5	0.6	...	...	...	...	...	...	...	...	1.8
„ 13,.....	...	...	...	...	0.4	1.0	0.8	...	...	...	...	...	...	2.2
„ 14,.....	...	...	0.7	0.1	0.8	†0.4	...	...	...	0.4	†0.8	†0.9	...	†4.1
„ 15,.....	...	†0.9	†1.0	†1.0	†1.0	†1.0	†1.0	†1.0	†1.0	†1.0	†0.9	†0.5	...	†10.3
„ 16,.....	...	†0.9	†1.0	†1.0	†1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	...	†9.9
„ 17,.....	...	0.7	1.0	0.6	0.3	0.1	...	...	...	...	...	...	...	2.7
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 19,.....	...	†...	†0.2	†...	†...	†0.1	0.5	0.4	0.2	0.1	...	...	...	†1.5
„ 20,.....	...	1.0	0.4	0.9	1.0	1.0	1.0	1.0	0.6	1.0	0.7	0.4	...	9.0
„ 21,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	...	10.6
„ 22,.....	...	0.7	1.0	1.0	1.0	0.9	...	...	...	...	...	...	...	4.6
„ 23,.....	...	...	...	0.6	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	...	8.4
„ 24,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.7
„ 25,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.4
„ 26,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.5
„ 27,.....	...	0.7	1.0	0.6	0.7	1.0	0.4	0.2	0.2	0.2	0.3	...	...	5.3
„ 28,.....	...	0.7	1.0	0.9	1.0	1.0	1.0	1.0	0.4	...	...	...	...	7.0
„ 29,.....	...	0.7	1.0	1.0	1.0	1.0	0.9	1.0	0.5	...	0.6	0.6	...	8.3
„ 30,.....	...	0.2	1.0	0.5	0.4	0.1	1.0	1.0	1.0	1.0	1.0	0.7	...	7.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	0.3	15.4	20.2	19.1	21.9	21.9	21.7	19.7	17.9	16.9	15.4	10.7	0.4	201.5

† Estimated (Equinoctial Cards were not used till the 16th).

TABLE VI.

RAINFALL FOR THE MONTH OF SEPTEMBER, 1891.

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,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	0.070	...	...	...	...	...	...	...	...	...	...	0.005	...	0.120	...	...	0.005	0.010	...	...	...	...	...	0.210	1	0.17
„ 3,.....	...	0.005	0.040	...	...	...	...	...	...	...	...	...	0.050	0.180	...	0.020	...	...	...	...	...	...	†0.020	...	0.315	4	0.19
„ 4,.....	...	...	†0.120	†0.210	†0.045	...	...	...	0.075	...	...	...	...	...	...	...	0.240	0.005	...	0.005	0.035	0.005	0.380	...	1.120	5	3.86
„ 5,.....	0.550	0.405	0.020	0.845	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.830	4	. .
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	0.010	0.780	0.015	...	...	...	...	...	...	...	0.845	2	1.25
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	. .	...	...	...	...	0.42
„ 8,.....	...	...	...	...	...	0.040	0.080	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.120	1	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	0.085	...	...	...	...	0.145	0	0.10
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.075	...	...	...	...	...	...	...	...	0.075	0	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.135	0.075	0.210	2	0.39
„ 12,.....	...	0.010	0.450	...	...	...	...	0.030	0.080	...	0.175	0.065	0.080	0.010	0.010	0.020	0.020	...	...	...	...	...	...	...	0.950	8	1.32
„ 13,.....	...	...	...	...	0.040	0.010	0.015	0.035	...	...	...	...	0.025	0.005	...	...	0.850	0.045	...	...	0.015	...	...	...	1.040	8	0.78
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	0.035	...	...	...	...	...	...	...	...	...	...	...	0.035	1	...
„ 15,.....	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	0.160	0.145	...	0.270	0.145	0.060	...	...	...	...	...	0.005	0.005	0.790	7	1.70
„ 18,.....	...	...	0.290	...	0.005	0.115	1.400	0.460	0.340	0.065	0.015	0.085	0.160	0.005	0.050	0.070	0.005	0.020	...	...	...	...	...	...	3.085	15	0.36
„ 19,.....	...	...	...	0.025	...	...	...	...	0.620	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.650	1	0.57
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.550	0.490	0.920	1.080	0.100	0.180	1.495	0.525	1.115	0.070	0.190	0.310	0.500	0.240	0.460	1.110	1.190	0.075	0.070	0.090	0.050	0.005	0.540	0.080	11.435	59	11.11

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.

† Approximate. Total exact.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF SEPTEMBER, 1891.

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,	29	3	29	5	29	2	29	3	...	1	29	2	...	1	29	2	25	5	24	6	21	5	24	6	24	7	24	11	25	10	27	8	24	7	24	7	23	5	24	5	23	7	23	9	25	5	25	5	127	5.3	25
" 2,	28	6	31	8	24	11	24	9	23	6	23	6	22	5	22	3	32	11	32	11	24	8	22	7	24	8	24	11	22	13	22	10	27	4	20	2	20	2	...	1	...	1	...	1	20	2	20	2	148	6.2	25
" 3,	20	2	...	1	20	2	20	2	20	2	22	3	1	4	32	14	32	15	5	6	6	10	14	6	30	10	16	7	22	2	...	1	26	4	26	3	32	7	2	6	32	8	11	17	8	14	9	8	154	6.4	4
" 4,	4	13	4	7	11	9	8	6	8	4	7	5	8	3	5	15	7	14	7	8	4	12	6	16	8	13	10	16	10	13	10	13	9	9	13	3	6	5	28	6	24	5	24	5	10	5	24	7	212	8.8	7
" 5,	24	8	26	9	26	9	28	12	32	11	6	8	6	15	6	11	6	8	8	10	7	27	8	21	8	20	8	16	9	20	8	24	8	24	8	26	7	20	7	21	7	23	7	21	7	20	8	20	404	16.8	7
" 6,	8	15	8	12	5	6	4	5	11	3	11	2	16	3	25	3	24	4	24	8	24	9	24	8	24	10	22	10	22	8	7	12	15	4	15	3	12	2	12	3	...	0	8	3	8	2	8	2	137	5.7	14
" 7,	13	2	...	0	8	3	8	4	28	2	28	2	28	3	28	3	23	6	24	9	24	13	24	13	23	13	22	14	23	11	22	13	23	9	23	5	19	5	19	2	18	5	11	2	4	2	4	2	143	6.0	23
" 8,	...	1	7	4	30	5	30	4	30	3	30	5	26	10	24	7	26	5	25	3	23	5	25	6	25	8	25	8	24	5	16	4	30	10	3	7	...	1	19	2	23	3	...	1	22	4	20	2	113	4.7	26
" 9,	23	2	23	2	...	1	23	2	...	0	...	0	...	0	23	2	23	4	17	2	14	6	10	9	9	13	9	11	9	3	31	6	4	9	13	6	26	7	24	5	20	3	19	3	...	1	...	0	97	4.0	11
" 10,	19	2	19	4	9	6	9	6	9	10	10	7	5	8	4	13	6	14	7	16	8	20	8	14	10	11	10	16	10	25	7	25	7	38	6	33	5	26	7	30	7	32	6	30	6	34	6	35	455	19.0	7
" 11,	6	35	6	33	5	26	4	24	4	22	4	25	5	20	5	25	5	30	4	32	6	33	6	33	6	33	5	31	4	26	5	24	6	32	6	38	6	40	6	39	6	39	6	45	7	40	6	37	762	31.7	6
" 12,	6	31	6	34	7	25	6	29	7	25	6	28	6	24	6	25	6	28	6	24	6	25	6	26	5	24	5	30	6	28	7	27	7	28	7	26	8	26	7	20	7	20	7	19	8	18	8	18	608	25.3	6
" 13,	9	14	8	12	7	8	7	9	7	7	6	10	6	3	9	6	9	9	9	8	9	13	9	14	9	15	12	6	10	8	9	14	8	12	14	3	14	3	...	1	14	4	...	1	14	2	14	2	184	7.7	9
" 14,	...	1	...	1	...	1	...	1	...	0	...	1	...	0	22	6	24	6	24	5	24	6	24	7	25	6	7	8	14	3	12	6	12	2	12	2	12	2	12	3	12	2	12	2	12	4	9	9	84	3.5	17
" 15,	6	10	7	11	7	11	7	13	6	14	4	16	6	18	6	18	6	25	7	23	7	28	6	25	7	26	8	26	8	28	8	25	8	27	7	19	8	20	8	21	7	24	8	23	8	28	8	28	507	21.1	7
" 16,	7	29	7	31	7	27	5	19	5	20	6	23	6	23	6	22	6	19	8	19	8	18	7	19	7	21	7	18	7	20	6	26	6	22	7	27	6	27	6	30	6	30	6	30	7	30	7	33	583	24.3	7
" 17,	7	37	7	41	6	38	6	42	6	38	6	36	6	40	6	38	6	42	6	36	6	39	7	40	10	20	7	30	11	33	8	32	10	32	6	25	7	22	7	24	7	26	7	36	8	34	8	35	816	34.0	7
" 18,	7	31	7	27	11	28	8	29	6	24	10	23	11	26	8	23	10	23	6	8	7	26	8	24	10	24	8	20	6	17	7	18	7	18	6	16	7	15	6	18	7	16	7	18	7	19	7	20	511	21.3	8
" 19,	7	17	6	17	6	14	5	12	6	11	6	13	5	18	6	13	13	11	...	1	5	6	7	16	8	28	9	22	7	16	5	13	6	11	2	6	2	4	4	4	3	3	...	1	5	4	12	5	266	11.1	6
" 20,	9	6	8	4	3	3	2	9	2	10	1	13	1	14	1	12	2	6	25	5	22	8	22	8	22	7	24	9	23	9	23	11	22	9	19	3	19	2	19	2	19	5	2	8	3	9	2	15	187	7.8	30
" 21,	1	18	32	11	1	10	1	8	3	5	1	6	32	8	32	10	32	11	32	6	32	8	24	6	24	7	22	13	21	12	21	11	21	13	26	10	26	6	27	6	24	5	23	3	24	4	20	3	200	8.3	28
" 22,	25	4	2	8	2	18	1	27	2	21	32	8	30	8	32	19	24	6	32	17	32	25	32	18	32	11	32	12	32	10	31	8	31	10	30	7	32	7	30	11	31	13	31	11	28	8	29	8	295	12.3	32
" 23,	30	11	29	10	30	11	24	17	26	21	27	14	27	15	24	15	26	18	26	17	26	20	27	17	24	17	24	19	24	20	24	18	24	15	25	13	26	4	24	4	24	3	24	2	24	4	21	3	308	12.8	26
" 24,	17	6	20	11	21	6	21	4	21	3	21	5	26	4	26	4	24	5	25	8	26	10	24	9	24	10	25	8	24	8	23	7	17	5	17	3	...	1	16	3	16	5	16	3	16	2	16	2	132	5.5	22
" 25,	16	2	...	1	...	1	16	2	18	3	21	3	21	2	20	3	30	4	7	5	9	6	3	7	9	8	9	12	9	11	9	12	9	8	10	7	9	8	9	5	9	2	9	4	...	1	8	2	119	5.0	9
" 26,	...	1	...	1	12	2	...	1	11	2	11	2	11	2	11	4	11	2	11	4	23	5	24	5	7	5	16	9	16	10	16	10	16	7	16	3	16	4	15	4	17	5	15	6	15	5	15	3	102	4.3	15
" 27,	15	3	...	1	...	1	...	1	15	2	15	2	...	0	15	5	8	10	9	12	9	17	9	17	9	21	8	21	9	17	8	14	10	13	8	13	10	11	9	10	9	10	8	10	11	6	...	1	218	9.1	9
" 28,	...	1	11	2	11	2	10	10	6	2	6	2	6	4	6	10	7	13	9	12	10	15	10	13	9	15	9	15	9	13	9	6	9	7	9	5	9	5	11	4	11	4	11	3	11	2	11	2	167	7.0	9
" 29,	11	2	11	2	...	1	...	1	11	2	...	0	...	1	11	3	23	6	24	9	24	9	24	7	24	10	24	12	27	7	27	6	27	4	24	6	23	5	23	5	23	2	21	2	...	0	23	3	105	4.4	24
" 30,	...	1	1	7	3	7	32	10	32	7	32	10	3	9	32	11	32	9	1	5	31	10	8	5	11	5	23	5	23	4	23	3	18	6	17	5	16	6	3	3	3	4	4	6	2	8	2	5	151	6.3	1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	314	...	317	...	294	...	321	...	281	...	280	...	291	...	345	...	369	...	335	...	442	...	422	...	426	...	446	...	410	...	407	...	399	...	332	...	298	...	298	...	309	...	325	...	317	...	317	8295	345.6	...
Means,	...	10.5	...	10.6	...	9.8	...	10.7	...	9.4	...	9.3	...	9.7	...	11.5	...	12.3	...	11.2	...	14.7	...	14.1	...	14.2	...	14.9	...	13.7	...	13.6	...	13.3	...	11.1	...	9.9	...	9.9	...	10.3	...	10.8	...	10.6	...	10.6	276.5	11.5	...

Owing to stoppage of Clock the Direction and Velocity from midt. on the 4th to 10a. on the 5th inclusive are entered from estimation.

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR SEPTEMBER, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.13	7.80	0.68	0.90	+2.45	+6.90	E 20° N
2 „	3.60	7.70	0.42	1.03	3.18	6.67	E 25° N
3 „	3.67	6.73	0.97	1.07	2.70	5.66	E 25° N
4 „	4.53	6.65	0.33	1.47	4.20	5.18	E 39° N
5 „	4.34	6.07	0.50	1.07	3.84	5.00	E 38° N
6 „	4.23	6.10	0.77	1.01	3.46	5.09	E 34° N
7 „	4.41	6.47	0.73	1.05	3.68	5.42	E 34° N
8 „	5.25	6.90	0.50	1.48	4.75	5.42	E 41° N
9 „	4.70	7.65	0.77	2.20	3.93	5.45	E 36° N
10 „	3.76	6.90	0.33	2.30	3.43	4.60	E 37° N
11 „	4.13	9.43	0.87	3.21	3.26	6.22	E 28° N
Noon.	2.92	9.65	0.87	3.17	2.05	6.48	E 18° N
1 p.	1.91	9.70	1.51	3.55	0.40	6.15	E 4° N
2 „	2.07	9.43	1.97	3.91	+0.10	5.52	E 1° N
3 „	1.94	8.62	2.80	3.49	−0.86	5.13	E 9° S
4 „	2.37	9.30	1.60	2.78	+0.77	6.52	E 7° N
5 „	2.45	9.33	1.93	2.30	0.52	7.03	E 4° N
6 „	2.70	8.00	1.10	1.70	1.60	6.30	E 14° N
7 „	2.60	7.32	1.02	1.00	1.58	6.32	E 14° N
8 „	2.70	7.53	0.72	1.17	1.98	6.36	E 17° N
9 „	3.67	7.49	1.07	1.19	2.60	6.30	E 22° N
10 „	2.67	8.60	1.00	0.83	1.67	7.77	E 12° N
11 „	1.97	8.77	0.73	0.78	1.24	7.99	E 9° N
Midt.	2.17	8.60	0.77	0.87	+1.40	+7.73	E 10° N
Means, ...	3.25	7.95	1.11	1.81	+2.25	+6.13	E 20° 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.
1891.														
Sept. 1	27.89	27.90	27.91	78	80	78	82	74	NW	2	N	2	N	3
„ 2	.96	.91	.92	79	78	77	82	74	NE	4	NW	4	NW	4
„ 3	.98	.93	.92	76	77	76	77	74	NE	4	NE	4	NE	4
„ 4	.99	.94	.95	72	76	75	80	72	E	3	E	4	SE	4
„ 5	.97	.92	.92	75	77	74	77	72	E	6	E	5	E	5
„ 6	.94	.89	.92	77	76	74	80	73	E	2	NE	5	NE	3
„ 7	.95	.89	.92	76	81	76	81	74	WSW	3	W	2	SW	4
„ 8	.93	.90	.94	78	81	76	82	75	NE	3	SE	2	SW	3
„ 9	.91	.87	.91	80	83	77	84	76	NE	3	SE	2	NE	4
„ 10	.92	.87	.86	79	77	73	81	73	E	5	E	5	E	6
„ 11	.87	.85	.86	74	73	73	74	73	E	6	E	7	E	6
„ 12	.92	.92	.96	74	72	71	74	71	E	5	E	4	E	4
„ 13	28.02	.99	28.01	76	75	75	76	71	SE	2	E	1	SE	2
„ 14	.02	.99	.01	75	75	74	75	74	NE	4	E	4	E	4
„ 15	.05	28.02	.02	75	75	73	76	72	E	5	E	5	E	6
„ 16	.06	.01	.01	76	78	74	78	73	E	6	E	5	E	7
„ 17	.05	27.98	27.96	75	72	71	75	70	E	7	E	6	E	6
„ 18	.01	28.00	28.01	72	73	72	76	70	E	5	E	4	E	4
„ 19	.10	.08	.07	72	73	72	74	71	E	4	E	4	E	4
„ 20	.15	.11	.13	74	77	75	78	72	NE	2	W	2	NW	4
„ 21	.10	.01	.01	75	78	74	79	71	NE	4	NW	4	NW	4
„ 22	.05	27.99	27.99	76	76	74	78	73	NE	4	NNE	4	NE	5
„ 23	27.99	.92	.96	74	78	76	78	71	NW	5	NW	4	NW	4
„ 24	28.08	28.04	28.06	77	79	76	82	72	W	2	SW	3	SW	4
„ 25	.12	.06	.06	78	81	77	82	74	NE	3	E	2	E	1
„ 26	.08	.02	.04	78	75	74	79	72	NE	1	SW	4	SW	4
„ 27	.11	.07	.09	76	74	73	78	72	SE	3	E	3	E	4
„ 28	.12	.05	.07	76	76	75	78	72	E	4	E	2	E	1
„ 29	.11	.06	.08	76	76	75	77	73	SE	1	SW	3	SW	3
„ 30	.15	.11	.12	74	79	74	79	71	NE	3	NE	2	NE	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	28.020	27.977	27.990	75.8	76.7	74.5	78.4	72.5	E 17° N	3.7	E 12° N	3.6	E 12° 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
1891.												
Sept. 1, ...	1	cum.	...	0	...	...	1	c-str. / cum.	W	5	sm-cum. / cum.	N / ENE
„ 2, ...	1	cum.	...	0	...	...	6	c-str.	...	7	c-str.	ENE
„ 3, ...	10	cum-nim.	...	7	cum-nim.	...	7	c-str. / sm-cum.	N	9	cum.	E
„ 4, ...	8	cum-nim.	E	10	nim.	E	9	sm-cum. / nim.	E	10	cum-nim.	E
„ 5, ...	10	nim.	...	10	nim.	E	7	c-str. / sm-cum. / cum.	.. / E / ENE	8	sm-cum. / cum	NNE / ENE
„ 6, ...	5	cum.	E	2	cum.	E	7	c-str. / sm-cum.	NNE	7	c-str. / sm-cum. / cum.	.. / NNW / W
„ 7, ...	10	cum-nim.	...	6	c-cum.	...	2	c-cum.	N	1	c-str. / cum.	W
„ 8, ...	4	cum-nim.	...	8	cum.	...	9	cum.	NNW	9	c-cum. / cum.	NE
„ 9, ...	2	cum.	ENE	2	cum.	NE	0	...	...	1	cum.	NNE
„ 10, ...	2	c-cum.	...	7	cum.	E	5	sm-cum. / cum.	N / ENE	3	c-str. / c-cum. / cum.	N / E / ENE
„ 11, ...	6	cum.	E	9	cum.	E	9	sm-cum. / cum.	E	7	c-cum. / cum.	E / ENE
„ 12, ...	10	nim.	E	8	cum-nim.	E	7	c-cum. / cum.	E	10	cum-nim.	ENE
„ 13, ...	7	cum.	E	7	cum.	E	9	cum-nim.	ESE	8	sm-cum. / cum.	E
„ 14, ...	0	...	...	0	...	...	9	sm-cum.	...	2	c-cum. / cum.	NE / E
„ 15, ...	0	...	...	1	cum.	...	9	cum-nim.	E	2	c-str. / cum.	ENE
„ 16, ...	1	cum.	...	2	cum.	...	6	c-str.	ENE	2	c-str.	ENE
„ 17, ...	3	cum.	ENE	5	cum.	ENE	4	c-str. / cum.	ENE	10	str. / cum.	E
„ 18, ...	10	c-cum. / cum-nim.	E	10	cum-nim.	E	10	nim.	E	10	cum-nim.	E
„ 19, ...	9	cum.	E	8	cum.	E	8	sm-cum. / cum.	ESE	9	c-cum. / cum.	E
„ 20, ...	0	...	...	1	cum.	...	6	sm-cum.	ENE	2	c-str.	...
„ 21, ...	0	...	...	0	...	...	1	c-str.	...	1	c-str.	NE
„ 22, ...	0	...	...	0	...	...	1	c-str.	...	8	c-str. / sm-cum.	ENE / N
„ 23, ...	6	sm-cum. / cum.	E / NE	7	sm-cum.	E	7	sm-cum.	N	8	c-str. / sm-cum.	NW
„ 24, ...	8	sm-cum.	...	0	...	...	0	...	...	1	cum.	W
„ 25, ...	0	...	...	2	cum.	W	1	cum.	W	1	sm-cum.	NNW
„ 26, ...	0	...	...	0	...	...	1	sm-cum.	...	1	sm-cum. / cum.	NE
„ 27, ...	1	cum.	E	0	...	...	4	c-cum. / cum.	ESE	8	sm-cum. / cum.	ESE
„ 28, ...	2	cum.	E	8	cum.	E	2	sm-cum. / cum.	E	1	cum.	E
„ 29, ...	2	c-str.	...	1	cum.	...	3	sm-cum.	...	8	sm-cum. / cum.	NW / N
„ 30, ...	8	sm-cum.	...	9	cum.	...	5	sm-cum.	NNW	9	sm-cum.	NNW
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	4.2	...	...	4.3	...	...	5.2	...	...	5.6	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
Sept. 1,...	2	cum.	...	2	c-str. / cum.	W	4	c-cum. / cum.	WNW	0	...	...	1.9
„ 2,...	8	c-str. / cum.	WNW	7	c-str. / cum.	W	7	c-str. / cum.	WSW	4	c-str. / cum.	W	5.0
„ 3,...	9	sm-cum. / cum.	NE	9	c-str. / sm-cum. / cum.	NE	9	c-str. / cum-nim.	NNE	10	nim.	E	8.7
„ 4,...	9	sm-cum. / cum.	E / E	9	sm-cum. / cum.	E	10	c-str. / cum.	E	10	nim.	...	9.4
„ 5,...	7	sm-cum. / cum.	E	5	c-cum. / cum.	E	3	c-str. / cum.	W / E	0	...	...	6.3
„ 6,...	5	c-str. / cum.	W	10	nim.	E	9	c-str. / cum.	ENE	10	c-str. / cum.	ENE	6.9
„ 7,...	5	sm-cum. / cum.	W	1	c-str. / cum.	...	1	c-str.	...	8	cum.	W	4.2
„ 8,...	7	c-str. / cum.	WSW / NE	5	c-str. / cum.	WSW / NE	4	c-str. / cum.	W / NE	1	c-str.	...	5.9
„ 9,...	3	c-str. / cum.	ENE	2	c-str. / cum.	ENE	6	c-str. / cum.	ENE	3	c-str. / cum.	E	2.4
„ 10,...	7	c-str. / cum.	WSW / ENE	10	cum.	E	7	c-str. / cum.	ENE	6	c-str. / cum.	ENE	5.9
„ 11,...	10	R-cum.	ENE	10	R-cum.	ENE	10	R-cum.	ENE	10	nim.	ENE	8.9
„ 12,...	10	nim.	E	10	nim.	E	10	cum-nim.	E	6	sm-cum. / cum.	E	8.9
„ 13,...	8	sm-cum. / cum.	E	6	sm-cum. / cum.	E	5	sm-cum. / cum.	NW / E	0	...	...	6.2
„ 14,...	9	sm-cum. / nim.	ENE	1	cum.	...	0	...	...	3	c-str.	ENE	3.0
„ 15,...	2	c-str. / cum.	ENE	2	c-str.	W	0	...	...	0	...	...	2.0
„ 16,...	2	c-str. / sm-cum.	ENE / ..	7	sm-cum.	ENE	2	c-str. / cum.	ENE	1	sm-cum.	ENE	2.9
„ 17,...	10	cum-nim.	ESE	10	cum-nim.	ESE	10	cum-nim.	ENE	9	cum.	E	7.6
„ 18,...	10	nim.	E	10	nim.	E	8	cum.	E	10	c-str. / cum.	E	9.8
„ 19,...	10	sm-cum. / cum.	ENE	9	c-str. / cum.	ENE	5	c-str. / cum.	ENE	2	c-str.	...	7.5
„ 20,...	8	c-str. / c-cum. / cum.	W / W / E	6	c-str. / c-cum. / cum.	WNW / SSE / NE	0	...	...	0	...	...	2.9
„ 21,...	0	...	...	6	sm-cum. / cum.	SW	0	...	...	1	c-str.	...	1.1
„ 22,...	10	c-str. / sm-cum. / cum.	NNE	8	sm-cum. / cum.	NNE / NNE	10	c-str. / cum.	..	9	c-str. / cum.	NNE	5.7
„ 23,...	3	c str.	W	2	c-str.	W	0	...	...	0	...	...	4.1
„ 24,...	2	cum.	W	1	cum.	W	0	...	...	0	...	...	1.5
„ 25,...	0	...	...	0	...	...	0	...	...	0	...	...	0.5
„ 26,...	4	cum.	N	1	cum.	...	0	...	...	1	cum.	...	1.0
„ 27,...	8	sm-cum. / cum.	ESE	8	sm-cum. / cum.	N / ESE	1	sm-cum. / cum.	ESE	1	cum.	ESE	3.9
„ 28,...	1	cum.	E	9	sm-cum.	...	9	sm-cum. / cum.	E	2	sm-cum. / cum.	...	4.3
„ 29,...	4	c-cum. / cum.	N	8	sm-cum. / cum.	N	1	cum.	...	3	cum.	N	3.7
„ 30,...	2	sm-cum.	N	2	sm-cum.	N	2	sm-cum.	NNE	0	...	...	4.6
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.8	...	...	5.9	...	...	4.4	...	...	3.7	...	...	4.9

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF OCTOBER, 1891.

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,...	29.882	29.868	29.866	29.872	29.888	29.898	29.926	29.948	29.958	29.959	29.948	29.935	29.913	29.903	29.893	29.893	29.898	29.906	29.918	29.942	29.957	29.961	29.966	29.968	29.919
„ 2,...	.959	.950	.934	.926	.932	.940	.961	.973	.977	.986	.975	.964	.941	.919	.897	.896	.898	.902	.915	.930	.943	.935	.930	.922	.938
„ 3....	.899	.892	.881	.884	.890	.894	.902	.906	.916	.932	.927	.911	.879	.866	.860	.856	.868	.878	.857	.847	.879	.894	.894	.893	.888
„ 4,...	.874	.867	.848	.858	.866	.886	.896	.915	.926	.935	.927	.911	.885	.868	.852	.836	.838	.843	.866	.888	.914	.918	.910	.910	.885
„ 5,...	.898	.884	.867	.872	.874	.890	.918	.927	.953	.955	.947	.928	.904	.879	.875	.867	.865	.866	.880	.901	.913	.912	.905	.897	.899
„ 6....	.882	.872	.855	.851	.863	.885	.902	.925	.940	.946	.928	.917	.890	.863	.855	.848	.852	.855	.853	.873	.879	.875	.871	.851	.880
„ 7,...	.831	.817	.805	.804	.813	.841	.854	.875	.882	.880	.864	.829	.804	.783	.773	.764	.766	.765	.769	.787	.802	.809	.810	.804	.814
„ 8,...	.785	.777	.774	.773	.785	.804	.824	.835	.846	.840	.823	.795	.785	.770	.758	.756	.756	.773	.787	.797	.823	.840	.835	.837	.799
„ 9,...	.842	.840	.839	.837	.855	.889	.871	.906	.932	.934	.926	.920	.894	.869	.854	.841	.842	.841	.853	.884	.887	.886	.889	.883	.876
„ 10,...	.875	.866	.854	.853	.862	.886	.912	.923	.936	.947	.935	.913	.879	.851	.846	.846	.850	.855	.863	.874	.884	.883	.884	.877	.881
„ 11,..	.870	.854	.838	.843	.848	.868	.903	.917	.928	.937	.919	.900	.885	.863	.847	.849	.849	.856	.873	.898	.914	.919	.917	.905	.883
„ 12,...	.881	.862	.843	.833	.840	.855	.878	.904	.919	.914	.909	.882	.852	.832	.819	.812	.828	.838	.844	.863	.885	.889	.881	.873	.864
„ 13,...	.853	.844	.836	.831	.843	.859	.869	.894	.905	.906	.899	.867	.833	.814	.800	.802	.806	.813	.828	.852	.863	.863	.853	.848	.849
„ 14,...	.843	.821	.816	.809	.818	.825	.843	.862	.869	.873	.862	.837	.803	.780	.770	.761	.761	.776	.794	.819	.821	.828	.829	.829	.819
„ 15,...	.819	.820	.816	.808	.813	.823	.842	.860	.870	.877	.860	.844	.814	.800	.784	.776	.780	.789	.811	.834	.850	.860	.865	.876	.829
„ 16, .	.862	.852	.848	.845	.855	.857	.880	.897	.914	.916	.911	.894	.872	.856	.852	.842	.847	.862	.859	.889	.899	.907	.909	.903	.876
„ 17,...	.893	.884	.870	.861	.889	.885	.900	.913	.928	.940	.938	.911	.892	.867	.858	.858	.848	.853	.859	.882	.898	.895	.893	.885	.887
„ 18,...	.876	.864	.856	.855	.856	.871	.881	.894	.911	.904	.893	.868	.837	.810	.799	.800	.801	.820	.841	.860	.871	.881	.873	.872	.858
„ 19,...	.835	.845	.831	.826	.828	.845	.860	.863	.876	.882	.868	.851	.820	.799	.792	.787	.791	.794	.807	.830	.843	.842	.835	.835	.834
„ 20,...	.822	.817	.801	.805	.809	.828	.845	.861	.877	.884	.870	.847	.820	.804	.788	.787	.796	.804	.820	.841	.849	.851	.851	.842	.830
„ 21,...	.831	.816	.799	.799	.799	.809	.832	.846	.859	.852	.839	.822	.794	.779	.770	.776	.787	.798	.803	.813	.830	.820	.814	.806	.812
„ 22,...	.789	.782	.768	.755	.750	.757	.786	.801	.811	.824	.797	.790	.762	.756	.737	.742	.755	.765	.774	.798	.806	.807	.800	.782	.779
„ 23,...	.778	.769	.762	.753	.762	.770	.800	.826	.839	.839	.830	.809	.784	.759	.754	.753	.761	.777	.803	.829	.845	.836	.829	.816	.795
„ 24,...	.799	.780	.784	.785	.790	.806	.817	.843	.854	.851	.837	.805	.785	.764	.762	.754	.775	.791	.797	.800	.820	.816	.812	.791	.801
„ 25,..	.780	.787	.773	.777	.786	.776	.825	.833	.844	.843	.831	.815	.805	.792	.784	.775	.780	.783	.804	.816	.825	.818	.810	.811	.803
„ 26,...	.794	.796	.792	.786	.774	.787	.797	.802	.807	.805	.789	.764	.745	.717	.717	.716	.723	.731	.749	.766	.763	.766	.767	.757	.767
„ 27,...	.757	.748	.748	.746	.750	.773	.799	.805	.819	.811	.795	.773	.742	.730	.731	.733	.745	.753	.773	.794	.805	.807	.805	.799	.773
„ 28,..	.792	.784	.782	.782	.784	.799	.831	.836	.855	.855	.832	.802	.775	.760	.740	.742	.759	.768	.772	.792	.802	.814	.819	.817	.796
„ 29....	.800	.790	.793	.797	.805	.835	.851	.871	.883	.887	.863	.842	.809	.812	.824	.820	.822	.837	.864	.895	.902	.907	.908	.899	.846
„ 30,...	.897	.898	.893	.900	.912	.935	.964	.984	.994	30.011	30.003	.973	.950	.945	.947	.951	.962	.980	30.000	30.022	30.033	30.038	30.035	30.038	.969
„ 31,...	30.030	30.024	30.023	30.019	30.029	30.048	30.053	30.067	30.082	.094	.061	30.052	30.031	30.012	.998	30.003	30.015	30.021	.045	.058	.069	.070	.070	.052	30.043
Means,.....	29.850	29.841	29.832	29.830	29.838	29.852	29.872	29.887	29.900	29.904	29.891	29.870	29.845	29.827	29.817	29.814	29.820	29.829	29.841	29.860	29.873	29.876	29.873	29.867	29.855

TABLE II.

TEMPERATURE FOR THE MONTH OF OCTOBER, 1891.

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,	76.7	77.2	77.3	76.0	76.9	76.9	76.9	78.9	80.6	82.1	82.0	83.0	82.9	81.1	81.8	80.4	79.3	78.3	79.0	79.0	79.0	79.0	76.7	75.4	79.0	84.6	73.9
„ 2,	76.2	75.8	76.4	76.2	76.1	76.8	76.9	78.0	79.3	80.0	81.0	80.7	78.3	79.0	79.0	79.3	77.2	78.1	78.0	77.1	76.0	78.0	78.3	78.3	77.9	81.6	73.7
„ 3,	78.2	78.1	78.4	78.4	78.3	78.3	78.5	79.9	80.1	80.8	80.9	81.0	81.0	81.4	82.0	79.0	79.0	79.0	78.8	79.0	79.0	79.0	77.5	77.4	79.3	82.5	76.6
„ 4,	76.7	77.6	77.9	77.9	77.8	76.2	77.0	77.0	77.7	79.0	81.0	77.0	77.5	78.0	80.0	79.6	79.1	78.9	78.8	78.1	79.0	78.1	78.1	78.1	78.2	81.5	75.1
„ 5,	78.1	78.1	78.1	78.0	78.2	79.0	80.0	80.7	81.2	81.3	82.1	81.0	82.7	82.0	82.7	81.1	80.1	79.1	79.0	78.8	78.1	78.0	77.9	78.1	79.7	84.3	76.2
„ 6,	77.8	77.4	77.8	77.1	76.5	77.1	77.9	80.9	83.0	83.2	84.7	83.7	83.8	84.0	84.0	82.0	81.2	79.8	79.0	79.0	78.8	78.0	77.5	77.5	80.1	86.6	75.6
„ 7,	77.1	77.2	77.0	76.8	76.8	76.8	78.8	80.9	82.0	82.9	84.0	85.1	85.0	87.0	86.7	85.8	83.1	81.0	81.1	80.3	80.5	80.0	79.9	79.7	81.1	88.8	75.6
„ 8,	79.4	79.5	79.0	79.6	79.1	79.2	80.0	82.5	83.4	84.4	86.0	87.0	87.0	85.6	85.2	85.5	83.1	81.8	80.5	80.9	81.0	81.0	80.4	80.8	82.2	89.1	77.6
„ 9,	80.1	79.4	79.7	77.4	76.1	75.7	77.7	80.0	78.0	82.8	82.4	80.0	82.8	82.3	82.0	81.8	80.5	80.0	80.0	80.0	80.0	79.9	80.0	80.1	79.9	83.7	73.7
„ 10,	80.2	80.2	78.8	79.9	80.1	78.3	78.0	79.9	78.9	78.4	81.5	82.1	82.5	82.0	82.0	82.0	81.1	79.8	79.6	79.5	79.0	79.1	79.6	79.8	80.1	84.1	78.0
„ 11,	79.7	79.6	79.7	79.1	78.5	78.5	79.4	80.0	81.2	82.6	82.4	82.0	82.7	82.4	81.6	81.8	80.8	80.0	80.1	80.1	80.1	80 1	80.1	80.0	80.5	83.8	77.1
„ 12,	79.8	79.9	79.8	79.7	79.6	79.6	80.0	81.2	81.1	82.5	83.0	82.0	82.6	82.7	81.8	81.4	80.2	80 0	80.0	80.0	79.7	79.8	79.4	79.4	80.6	84.3	78.1
„ 13,	79.2	79.2	79.6	79.6	78.4	77.9	78.6	80.0	81.0	82.3	82.8	83.1	82.8	82.7	82.5	81.8	80.5	79.8	79.3	79.2	79.0	79.0	78.1	77.9	80.2	84.5	76.9
„ 14,	78.2	77.9	77.5	77.5	77.6	77.6	79.0	81.4	83.0	83.0	83.8	84.0	83.4	83.0	83.0	82.0	80.1	79.8	79.0	78.3	78.0	79.0	78.5	78.8	80.1	85.1	75.9
„ 15,	78.8	78.9	78.6	78.7	78.9	78 9	79.2	81.0	81.8	82.7	82.6	83.2	82.5	82.6	82.7	82.2	80.2	80.0	80.5	79.7	79.3	79.1	78.8	78.8	80.4	85.6	77.7
„ 16,	78.2	77.3	76.1	76.3	76.4	75.9	76.1	79.0	81.0	81.8	82.0	83.1	82.9	82.0	82.0	82.7	81.1	80.2	80.0	80.0	78.0	79.0	79.6	79.6	79.6	84.6	74.4
„ 17,	79.7	79.6	79.6	79.0	77.5	78.4	78.7	79.6	80.0	80.2	81.1	82.0	81.6	81.7	80.8	81.0	80.0	79.0	79.3	79.5	79.4	79.7	79.9	79.8	79.9	82.5	75.0
„ 18,	79.7	79.7	79.7	79.6	78.7	79.4	79.5	80.7	81.7	83.0	82.3	83.0	83.0	82.1	82.2	80.8	80.0	79.0	78.9	78.2	78.2	79.0	78.7	78.4	80.2	84.0	76.7
„ 19,	78.1	77.7	78.1	78.1	78.1	78.0	78.3	81.0	81.4	82.1	82.5	83.2	83.1	82.9	83.2	82.2	80.1	79.0	78.8	78.1	78.5	78.8	79.0	79.1	80.0	85.2	76.6
„ 20,	79.3	79.2	79.5	78.5	78.1	78.2	79.4	81.3	83.0	82.8	83.0	83.1	83.4	83.0	83.7	82.7	81.0	79.0	79.2	79.9	79.7	79.2	79.6	79.6	80.6	85.8	76.7
„ 21,	77.9	77.8	77.8	77.6	77.3	76.8	78.0	79.7	82.0	81.6	83.1	83.1	83.6	82.3	82.1	81.1	80.2	80.0	79.8	79.7	79.9	79.5	79.3	79.6	80.0	85.4	75.6
„ 22,	79.4	79.3	79.6	79.4	79.3	78.4	79.0	78.0	78.0	80.0	77.0	76.1	76.7	76.0	77.0	77.2	77.0	78.0	78.1	78 5	79.0	79.0	79.1	78.9	78.2	80.0	74.9
„ 23,	78.7	78.9	78.4	78.2	78.2	78.1	79.0	80.0	80.0	81.0	81.0	81.0	81.0	81.4	82.0	80.7	80 0	79.2	79.5	79.1	79.2	79.1	79.5	79.5	79.7	82.1	76.7
„ 24,	79.3	79.7	79.4	78.8	79.1	79.2	80.0	80.0	82.0	81.5	82.0	81.3	82.4	82.3	81.2	80.5	80.0	78.2	78.0	79.0	79.7	78.5	78.3	78.1	79.9	82.8	76.6
„ 25,	78.2	77.3	76.3	76.9	77.3	77.6	77.9	78.0	78.2	80.0	79.0	78.8	78.4	78.2	77.8	78.1	78.1	76.9	77.1	78.8	77.1	76.1	76.4	77.3	77.7	80.6	74.7
„ 26,	77.1	76.3	76.7	76.8	76.2	77.6	78.1	78.9	79.5	79.4	79.4	79.3	78.4	78.9	78.8	78.6	78.0	78.1	77.9	77.2	77.8	79.0	79.2	79.1	78.2	79.6	76.2
„ 27,	78.8	78.5	78.7	78.3	78.2	77.6	78.1	80.4	80.0	82.8	83.7	84.0	85.0	85.6	86.0	84.3	82.1	80.2	79.9	79.1	79.0	79.1	78.6	78.8	80.7	87.1	77.6
„ 28,	78.8	78.7	78.6	78.3	78.4	78.2	79.0	81.3	82.0	83.3	85.0	85.0	85.8	87.0	85.3	84.2	81.8	80.8	80.0	80.0	79.0	79.0	78.7	78.5	81.1	88.1	76.8
„ 29,	78.0	77.6	77.9	77.6	77.7	77.8	78.0	80.4	82.3	83.3	79.0	82.1	83.5	83.3	75.4	76.0	76.2	75.0	77.0	76.0	77.0	76.2	76.5	75.8	78.3	86.3	74.6
„ 30,	75.3	74.2	73.4	72.1	71.1	70.1	70.1	72.1	74.0	75.8	74.3	75.4	76.0	75.3	75.0	74.8	73.2	73.1	73.0	73.0	72.5	72.5	72.5	71.8	73.4	78.4	69.1
„ 31,	71.3	70.5	70.5	70.1	70.1	69.9	70.0	72.0	73.2	75.8	75.0	76.8	76.8	76.5	76.7	75.0	74.0	74.0	71.5	71.7	71.9	72.5	73.2	73.1	73.0	77.4	68.4
Means,	78.2	78.0	77.9	77.7	77.4	77.4	78.0	79.5	80.3	81.4	81.6	81.7	81.9	81.8	81.5	80.8	79.6	78.9	78.7	78.6	78.5	78.5	78.4	78.3	79.3	83.9	75.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF OCTOBER, 1891.

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,...	68.2	68.7	69.9	69.7	68.4	68.9	68.7	69.2	70.0	71.0	71.3	71.9	72.5	72.1	72.2	72.2	71.6	73.0	73.1	73.0	73.0	73.1	72.2	71.9	71.1	145.4
„ 2,...	71.8	71.8	72.0	71.7	71.5	71.9	71.9	73.0	73.5	73.8	74.2	74.0	73.3	73.6	74.3	74.2	74.0	73.1	73.6	73.8	73.8	73.7	73.3	72.9	73.1	136.1
„ 3,...	72.7	72.6	72.7	72.6	72.8	72.7	72.1	72.9	73.0	73.2	73.3	73.2	73.4	74.4	74.3	74.0	74.0	74.4	74.0	74.3	74.3	74.4	75.0	74.8	73.5	138.0
„ 4,...	74.7	75.2	75.3	75.2	75.0	75.0	75.1	75.0	75.2	76.0	76.2	75.2	75.5	75.1	75.0	74.1	74.8	74.2	74.1	74.5	74.1	74.1	74.1	74.0	74.9	142.3
„ 5,...	74.2	74.4	74.2	74.3	74.5	75.8	76.1	76.1	76.2	75.9	76.5	76.5	76.5	77.0	76.9	75.2	75.2	75.1	75.1	75.1	75.1	75.1	75.6	75.0	75.5	145.3
„ 6,...	75.5	75.5	75.5	74.9	74.9	75.5	75.6	76.2	77.0	76.1	76.7	76.7	76.7	77.0	77.0	76.2	75.6	74.8	74.6	74.1	74.1	74.7	75.2	75.3	75.6	142.3
„ 7,...	75.0	74.7	74.4	74.4	74.4	74.6	76.1	76.8	76.1	75.8	76.6	78.0	77.8	79.3	79.7	78.8	76.8	76.0	76.1	76.4	76.8	76.0	76.5	76.2	76.4	139.7
„ 8,...	75.9	76.3	76.2	76.2	76.3	76.6	77.6	78.0	78.2	78.8	79.0	79.9	80.0	79.3	78.1	78.4	78.0	77.1	77.6	77.2	77.6	77.4	77.8	78.0	77.7	143.3
„ 9,...	77.7	77.9	78.0	73.9	74.8	74.2	76.0	76.2	76.5	77.7	76.9	76.7	77.0	77.6	76.4	75.8	76.1	75.6	75.2	76.0	76.0	76.0	76.0	75.8	76.2	146.5
„ 10,...	76.1	76.2	75.7	75.7	76.0	74.4	74.7	75.0	75.6	75.3	76.2	76.0	75.4	75.2	76.0	75.2	75.0	74.7	75.1	75.2	75.0	75.1	75.5	75.0	75.4	142.3
„ 11,...	74.9	74.9	74.8	73.8	74.3	74.2	74.1	74.6	75.3	76.2	75.8	75.8	75.5	76.0	76.0	76.2	76.0	76.1	76.1	76.1	76.1	76.0	76.2	76.1	75.5	144.5
„ 12,...	76.2	76.2	76.0	75.3	75.3	75.1	75.1	76.2	76.0	76.0	76.0	75.8	76.0	76.4	75.8	76.6	76.1	75.3	76.1	75.4	76.1	76.0	76.1	76.2	75.9	145.2
„ 13,...	75.9	75.8	75.8	75.2	75.2	75.6	75.2	75.8	76.0	76.2	76.1	76.3	75.7	76.7	76.2	76.1	75.2	75.1	75.3	75.1	75.3	75.2	75.5	75.2	75.7	140.2
„ 14,...	75.7	75.7	75.0	75.2	75.3	75.2	76.3	76.2	76.9	76.2	76.0	76.2	76.1	76.7	76.4	75.8	74.5	74.8	74.7	75.0	74.5	75.0	75.1	74.9	75.6	139.2
„ 15,...	74.2	74.3	74.2	74.0	73.7	74.0	74.3	75.0	75.0	75.3	76.2	76.7	75.4	76.0	76.7	75.9	75.5	75.1	75.5	75.1	75.7	76.3	76.2	76.1	75.3	144.0
„ 16,...	75.9	75.3	74.8	74.6	72.3	72.4	73.9	75.0	75.2	75.9	76.0	76.1	76.2	75.2	75.2	75.3	74.2	75.0	75.2	75.1	75.1	76.1	75.7	75.2	75.0	140.3
„ 17,...	74.8	74.1	74.5	74.8	73.7	73.6	73.2	74.1	74.0	73.9	74.2	75.2	73.9	74.4	73.8	74.0	73.9	73.8	74.0	74.5	74.0	74.0	75.0	74.6	74.2	138.1
„ 18,...	73.9	73.7	73.5	73.9	73.0	73.3	74.1	74.0	74.1	76.0	74.0	75.2	74.7	75.8	74.3	74.2	74.1	73.7	73.8	74.1	74.1	74.5	74.3	74.7	74.2	144.2
„ 19,...	74.2	74.2	74.2	74.2	74.2	74.3	74.6	75.0	75.0	75.5	75.0	75.0	75.0	74.6	75.2	73.9	72.5	73.0	74.0	74.0	74.1	74.2	74.0	73.8	74.3	140.2
„ 20,...	73.3	73.9	73.3	73.1	73.3	73.4	73.7	74.7	76.0	75.6	75.7	75.9	76.3	76.6	76.8	75.7	75.3	74.1	74.1	74.9	75.0	74.7	74.3	74.7	74.8	145.4
„ 21,...	74.9	74.5	74.6	74.3	74.3	73.1	73.8	74.6	74.1	74.5	75.7	75.7	76.3	76.0	75.5	75.3	75.5	76.0	75.2	75.1	75.1	76.0	75.4	76.0	75.1	149.9
„ 22,...	76.0	75.1	75.1	74.8	74.6	75.6	75.3	74.8	74.9	77.1	74.9	74.3	74.8	74.5	74.3	75.0	75.1	74.8	74.1	74.1	74.1	74.0	74.2	74.3	74.8	124.6
„ 23,...	74.5	74.6	74.5	74.7	74.9	75.2	75.3	76.0	75.6	75.7	75.1	75.1	75.1	75.2	75.8	75.3	74.8	74.7	75.1	74.2	74.1	74.3	74.9	75.3	75.0	137.2
„ 24,...	75.3	75.5	75.8	75.4	75.7	75.9	76.1	76.5	77.0	76.6	77.0	76.4	76.4	76.7	75.4	75.5	76.0	76.0	76.0	75.8	75.6	75.3	75.7	74.6	75.9	140.2
„ 25,...	74.3	74.4	73.7	73.8	73.7	73.4	73.0	73.0	73.0	73.8	73.5	72.8	73.0	73.4	73.6	73.5	74.0	74.2	75.0	74.1	74.2	74.0	73.8	73.8	73.7	139.7
„ 26,...	73.9	74.2	74.0	74.1	74.3	74.7	75.0	75.0	75.7	75.9	76.0	75.4	76.5	76.6	76.3	76.7	77.1	76.3	77.1	77.1	77.1	78.1	78.2	78.1	76.0	107.1
„ 27,...	78.0	77.4	76.9	76.3	76.6	76.9	76.4	77.2	77.8	78.9	78.1	79.0	79.1	78.9	79.0	78.2	77.5	76.2	76.2	76.3	76.2	76.1	76.2	76.1	77.3	145.6
„ 28,...	76.1	76.2	76.1	76.0	76.1	76.2	77.0	78.0	77.0	77.6	79.0	79.0	79.8	80.0	78.3	76.8	76.2	76.1	76.2	76.0	76.0	76.1	75.7	75.6	77.0	142.8
„ 29,...	76.0	76.0	76.1	76.0	76.2	76.5	76.8	76.0	77.0	76.7	76.4	76.9	77.3	77.3	73.2	73.2	72.0	72.8	73.1	72.1	72.5	70.0	69.2	69.2	74.5	148.7
„ 30,...	68.7	67.9	66.9	66.9	66.2	65.0	65.0	65.9	66.4	68.7	67.0	67.7	68.0	67.5	67.0	68.2	66.5	66.0	65.3	65.1	65.1	65.1	65.4	65.7	66.5	133.9
„ 31,...	66.0	65.6	65.3	64.9	65.4	65.2	65.2	65.7	67.0	68.9	67.2	67.8	68.0	67.8	67.8	67.5	67.3	67.5	67.0	66.8	66.6	66.5	66.0	66.9	66.6	125.5
Means,.....	74.3	74.3	74.2	73.9	73.8	73.8	74.1	74.6	74.8	75.3	75.2	75.4	75.4	75.6	75.2	74.9	74.5	74.3	74.4	74.4	74.4	74.4	74.5	74.4	74.6	139.9

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF OCTOBER, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	82	0.799	Oct. 1,.....	66	0.657
2 „	83	.802	„ 2,.....	79	.751
3 „	83	.799	„ 3,.....	75	.749
4 „	83	.789	„ 4,.....	85	.822
5 „	84	.789	„ 5,.....	81	.828
6 „	84	.789	„ 6,.....	80	.826
7 „	82	.793	„ 7,.....	79	.847
8 „	78	.795	„ 8,.....	81	.890
9 „	76	.791	„ 9,.....	84	.855
10 „	74	.798	„ 10,.....	79	.818
11 „	73	.791	„ 11,.....	78	.816
Noon.	73	.798	„ 12,.....	79	.832
1 p	73	.796	„ 13,.....	80	.829
2 „	74	.806	„ 14,.....	80	.826
3 „	73	.793	„ 15,.....	78	.809
4 „	74	.789	„ 16,.....	80	.808
5 „	78	.789	„ 17,.....	75	.770
6 „	80	.789	„ 18,.....	74	.766
7 „	81	.796	„ 19,.....	75	.773
8 „	81	.798	„ 20,.....	75	.785
9 „	82	.799	„ 21,.....	78	.806
10 „	82	.799	„ 22,.....	84	.818
11 „	82	.804	„ 23,.....	79	.806
Midt.	82	.802	„ 24,.....	82	.842
			„ 25,.....	82	.779
			„ 26,.....	90	.869
			„ 27,.....	85	.893
			„ 28,.....	83	.874
			„ 29,.....	83	.804
			„ 30,.....	67	.559
			„ 31,.....	70	.569
Means,.....	79	0.796	Means.	79	0.796

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.
1891.														
Oct. 1,.....	...	...	0.2	0.2	0.8	1.0	1.0	1.0	0.1	0.8	0.9	0.9	...	6.9
„ 2,.....	...	...	0.1	0.4	0.3	0.1	0.1	...	...	0.1	...	...	...	1.1
„ 3,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	...	...	8.0
„ 4,.....	...	...	...	...	0.3	1.0	0.4	...	...	0.6	1.0	0.8	...	4.1
„ 5,.....	...	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.2
„ 6,.....	...	0.3	0.9	1.0	1.0	1.0	0.9	0.9	0.7	0.8	1.0	0.7	...	9.2
„ 7,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 8,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.7	1.0	0.7	...	9.3
„ 9,.....	...	...	...	...	0.7	0.5	0.4	1.0	0.9	1.0	0.9	0.1	...	5.5
„ 10,.....	...	0.3	1.0	0.5	...	0.7	0.9	1.0	1.0	1.0	1.0	0.7	...	8.1
„ 11,.....	...	0.1	0.1	0.6	1.0	1.0	0.4	0.7	1.0	0.9	0.9	0.5	...	7.2
„ 12,.....	...	0.2	0.3	0.6	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.4	...	8.4
„ 13,.....	...	...	0.8	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.3
„ 14,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.4
„ 15,.....	...	0.6	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.2
„ 16,.....	...	...	0.5	1.0	1.0	0.9	1.0	1.0	0.7	0.9	1.0	0.8	...	8.8
„ 17,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.3
„ 18,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 19,.....	...	0.4	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.9
„ 20,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	0.1	...	9.4
„ 21,.....	...	...	...	0.6	1.0	0.9	1.0	1.0	0.7	1.0	1.0	0.7	...	7.9
„ 22,.....	...	0.3	0.5	...	0.1	...	...	...	...	...	...	...	...	0.9
„ 23,.....	...	0.2	0.5	0.7	1.0	1.0	0.7	0.9	1.0	0.8	0.7	0.2	...	7.7
„ 24,.....	...	0.2	0.8	0.6	0.8	0.2	0.1	0.7	1.0	1.0	0.1	...	...	5.5
„ 25,.....	...	...	...	...	0.6	0.7	...	...	...	...	...	...	...	1.3
„ 26,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 27,.....	...	...	0.4	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	8.2
„ 28,.....	...	0.7	1.0	0.6	0.7	0.8	0.9	0.9	1.0	1.0	1.0	0.7	...	9.3
„ 29,.....	...	0.1	1.0	1.0	1.0	0.2	0.1	1.0	0.4	...	...	0.1	...	4.9
„ 30,.....	...	0.3	...	0.9	...	...	...	...	...	...	...	...	...	1.2
„ 31,.....	...	...	...	...	...	0.1	...	...	...	0.8	0.7	0.5	...	2.1
Sums,.....	...	7.0	17.3	19.5	23.0	23.1	20.8	23.1	21.2	23.2	22.3	14.4	...	214.9

TABLE VI.

RAINFALL FOR THE MONTH OF OCTOBER, 1891.

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,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.100	...	...	...	0.100	2	...
„ 3,.....	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.040	0.045	0.005	0.105	4	0.28
„ 4,.....	0.005	...	...	0.010	0.130	0.160	0.085	0.415	0.220	...	...	0.050	0.240	0.025	0.005	0.005	...	...	...	...	...	...	...	...	1.350	7	0.65
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.89
„ 9,.....	...	...	...	...	0.355	0.645	0.105	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.110	3	0.23
„ 10,.....	...	...	0.160	...	...	0.015	0.020	...	0.005	0.075	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	0.295	3	0.89
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	0.010	...	0.030	0.020	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.070	1	...
„ 13,.....	...	...	...	...	...	0.070	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.070	0	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.29
„ 16,.....	...	0.170	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.030	0.035	0.015	0.010	0.315	4	0.36
„ 17,.....	...	...	...	0.085	0.085	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.170	1	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.23
„ 22,.....	...	...	...	...	...	...	...	0.030	0.005	0.100	0.320	0.050	0.055	0.115	0.060	0.055	0.010	...	...	...	...	...	...	...	0.800	8	2.25
„ 23,.....	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0	...
„ 24,.....	...	...	0.075	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.235	0.060	...	0.005	0.080	...	...	0.455	3	1.18
„ 25,.....	...	0.025	...	0.045	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	0.015	...	0.010	...	...	...	0.125	7	0.35
„ 26,.....	...	0.010	...	0.050	0.025	0.010	...	...	...	...	...	...	0.070	0.030	0.060	...	0.020	0.020	0.050	0.020	0.265	0.015	0.015	...	0.660	13	0.39
„ 27,.....	0.040	...	...	...	...	...	...	...	0.045	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.085	1	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.100	...	0.100	0	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.380	0.005	...	...	...	...	...	...	...	...	0.395	2	0.75
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.055	0.215	0.235	0.250	0.620	0.900	0.210	0.455	0.280	0.175	0.340	0.100	0.365	0.180	0.505	0.065	0.030	0.285	0.130	0.045	0.410	0.170	0.175	0.015	6.210	59	8.74

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, 1891.

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	2	7	2	5	5	8	32	4	32	2	32	2	32	3	32	3	2	5	4	6	9	12	8	15	9	16	9	19	8	17	8	18	7	16	8	16	8	16	8	15	8	16	8	15	5	14	8	13	263	11.0	7
" 2	8	6	6	8	6	8	5	15	4	15	5	10	4	13	5	14	7	22	8	20	7	22	7	17	6	17	8	16	9	19	10	18	6	17	8	19	10	13	8	15	10	21	10	28	10	26	11	25	404	16.8	8
" 3	9	28	9	27	8	23	8	22	8	24	8	27	8	27	8	29	8	28	8	28	8	28	8	24	8	22	8	21	8	20	8	21	8	20	8	24	7	24	8	30	9	28	9	25	11	19	11	14	583	24.3	8
" 4	8	21	8	15	8	18	9	17	9	19	10	16	8	13	7	17	8	17	8	22	8	19	9	12	16	7	10	18	8	20	9	20	9	17	9	15	8	14	8	14	8	16	10	12	8	12	7	10	381	15.9	9
" 5	7	8	7	8	7	8	7	4	7	4	7	10	7	11	5	18	7	17	8	14	8	16	8	17	9	18	9	20	9	20	9	15	9	14	10	12	10	9	10	4	10	3	10	2	10	2	...	1	255	10.6	8
" 6	...	0	...	1	9	5	...	1	...	0	9	2	...	1	9	4	8	2	8	5	8	6	10	8	9	9	9	7	9	5	9	6	12	4	12	5	12	4	12	4	12	4	12	2	12	3	...	1	89	3.7	10
" 7	...	0	...	1	12	2	...	1	12	3	12	2	...	1	12	3	12	2	12	4	24	6	24	8	24	8	24	8	24	7	24	6	24	6	24	7	...	0	24	3	24	3	...	1	...	1	20	2	85	3.5	23
" 8	...	1	20	2	...	0	...	1	20	2	20	2	20	2	20	2	25	4	25	5	25	4	30	2	14	8	16	10	16	9	16	6	16	6	16	3	16	3	16	4	11	4	6	5	12	7	11	5	97	4.0	16
" 9	5	2	5	2	11	4	6	15	7	5	32	11	6	18	8	19	6	20	6	20	7	22	4	14	8	17	8	18	10	22	7	17	8	17	8	16	8	16	8	15	8	15	8	16	8	16	8	21	358	14.9	7
" 10	8	17	8	18	8	16	8	16	8	22	5	17	8	14	6	16	8	19	8	16	7	24	8	21	8	19	8	23	9	20	8	17	8	16	9	12	9	17	8	15	7	13	7	16	7	19	8	18	421	17.5	8
" 11	7	19	7	19	7	16	8	17	6	16	6	16	5	16	5	21	6	18	7	23	7	27	8	23	8	21	8	23	8	25	8	22	8	25	8	22	8	22	8	21	9	22	8	22	8	23	10	21	500	20.8	7
" 12	10	19	8	22	8	21	8	20	7	20	8	22	7	21	7	23	7	24	8	26	8	26	7	25	7	23	8	23	9	26	9	23	8	21	8	17	9	14	8	17	11	12	9	13	11	11	8	11	480	20.0	8
" 13	9	13	11	10	11	10	8	8	6	4	9	4	9	5	8	7	6	10	8	14	8	19	9	16	10	17	9	21	9	16	10	16	10	14	10	9	10	8	10	8	10	8	10	7	10	5	...	1	250	10.4	9
" 14	...	1	10	2	...	1	...	1	...	0	...	1	10	3	10	3	10	7	8	12	9	13	9	14	9	16	10	16	10	16	10	13	10	11	11	9	11	5	11	5	11	4	8	5	7	7	7	8	173	7.2	9
" 15	8	10	8	7	11	8	9	8	8	9	8	9	6	7	5	9	7	14	9	14	9	13	8	20	10	16	10	17	9	15	9	14	10	11	10	8	8	8	8	7	8	8	8	7	8	3	8	5	247	10.3	9
" 16	7	2	13	8	11	2	4	4	4	10	8	3	8	3	10	7	6	11	8	14	7	13	8	15	10	17	9	16	10	13	7	10	7	15	7	14	8	20	7	20	8	24	8	23	7	30	7	30	324	13.5	8
" 17	7	32	7	31	7	27	7	26	6	24	6	27	6	23	6	26	7	24	7	22	6	21	8	21	8	18	8	20	9	22	9	16	9	16	8	17	7	15	8	15	8	15	8	14	8	13	8	16	501	20.9	7
" 18	7	15	7	15	7	18	6	14	4	12	6	12	7	16	5	15	7	18	8	16	8	16	9	13	10	15	9	18	9	16	9	13	11	12	11	8	12	4	12	3	...	1	10	2	...	0	10	2	274	11.4	8
" 19	10	3	9	2	9	6	6	8	6	6	5	5	4	4	7	7	9	7	10	11	11	13	11	15	11	15	11	16	10	15	10	13	11	9	11	6	11	4	11	6	11	6	11	8	8	10	11	8	203	8.5	10
" 20	8	13	11	11	8	11	9	8	7	6	4	5	4	4	4	5	8	7	10	10	10	12	10	11	9	9	8	8	9	8	11	6	14	8	14	7	14	4	14	3	10	6	10	5	7	3	6	6	176	7.3	9
" 21	4	4	4	2	5	6	6	5	...	1	7	2	...	1	...	1	4	6	8	14	8	17	8	17	8	18	8	18	10	19	10	19	9	16	11	17	10	17	9	17	11	17	10	18	11	14	9	15	281	11.7	9
" 22	9	18	8	16	9	16	11	11	12	8	6	15	6	17	7	15	7	17	6	14	4	15	5	17	5	11	3	9	2	11	3	8	5	10	7	6	11	9	12	11	11	12	12	12	11	8	11	10	296	12.3	8
" 23	11	9	11	10	6	9	6	8	6	9	8	11	8	14	6	14	7	19	7	20	7	21	8	18	7	20	7	19	8	18	8	19	8	16	8	14	8	17	9	16	10	12	10	16	8	20	8	23	372	15.5	8
" 24	9	21	8	19	8	12	11	14	9	11	10	10	11	10	8	13	9	21	9	22	8	23	8	24	8	27	8	28	8	27	8	25	8	25	6	23	6	25	7	29	6	23	6	33	7	31	6	32	528	22.0	8
" 25	6	31	7	27	6	24	6	26	6	30	6	29	6	26	6	23	6	22	6	26	7	30	7	22	7	22	6	21	7	26	6	23	6	20	7	20	5	21	6	20	6	20	6	21	6	15	5	25	570	23.8	6
" 26	5	21	6	24	6	24	6	20	5	21	5	18	6	24	6	25	7	25	7	26	7	26	7	27	7	23	8	22	7	19	6	21	7	20	8	21	8	15	8	10	9	18	9	20	9	18	8	9	497	20.7	7
" 27	10	3	10	4	15	5	16	6	16	4	16	2	13	4	11	3	28	4	29	3	25	9	24	12	23	7	23	8	22	7	20	3	20	3	20	5	17	6	17	4	17	4	17	3	17	3	17	3	115	4.8	20
" 28	17	2	...	1	17	2	...	1	...	1	...	0	...	0	17	2	17	2	17	2	17	4	16	6	16	4	16	7	17	8	16	8	16	6	16	7	16	7	16	4	16	4	16	2	16	3	10	2	85	3.5	16
" 29	12	4	12	3	10	3	...	1	10	2	...	0	10	3	9	6	9	9	9	10	31	6	7	7	9	10	10	10	32	17	8	4	8	3	...	1	...	1	29	5	1	10	3	16	1	17	1	6	154	6.4	5
" 30	32	10	32	8	32	8	2	11	32	8	32	19	32	15	1	3	28	7	30	6	32	8	1	10	32	11	32	11	32	9	32	7	32	7	32	6	32	10	1	13	1	17	32	13	32	9	32	3	229	9.5	32
" 31	4	3	3	4	2	5	2	6	2	5	1	6	29	4	27	2	30	7	31	10	32	8	32	6	32	4	1	3	10	8	11	10	9	8	8	6	4	5	3	6	3	5	3	4	2	7	2	2	134	5.6	3
Sums	...	343	...	332	...	326	...	319	...	303	...	315	...	323	...	355	...	415	...	455	...	499	...	477	...	465	...	494	...	500	...	437	...	409	...	372	...	353	...	359	...	371	...	386	...	369	...	348	9325	388.5	...
Means	...	11.1	...	10.7	...	10.5	...	10.3	...	9.8	...	10.2	...	10.4	...	11.5	...	13.4	...	14.7	...	16.1	...	15.4	...	15.0	...	15.9	...	16.1	...	14.1	...	13.2	...	12.0	...	11.4	...	11.6	...	12.0	...	12.5	...	11.9	...	11.2	300.8	12.5	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR OCTOBER, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.97	10.06	1.19	0.00	+0.78	+10.06	E 4° N
2 „	1.58	9.61	1.16	0.03	0.42	9.58	E 3° N
3 „	1.90	9.45	0.87	0.00	1.03	9.45	E 6° N
4 „	2.39	8.90	0.87	0.00	1.52	8.90	E 10° N
5 „	3.03	8.35	0.65	0.03	2.38	8.32	E 16° N
6 „	3.52	8.13	0.48	0.03	3.04	8.10	E 21° N
7 „	3.19	8.87	0.42	0.10	2.77	8.77	E 18° N
8 „	3.45	10.29	0.42	0.10	3.03	10.19	E 17° N
9 „	2.97	12.16	0.42	0.48	2.55	11.68	E 12° N
10 „	2.06	13.55	0.71	0.35	1.35	13.20	E 6° N
11 „	2.58	14.26	0.77	0.68	1.81	13.58	E 8° N
Noon.	1.77	13.61	1.06	0.65	+0.71	12.96	E 3° N
1 p.	1.52	13.23	2.23	0.48	−0.71	12.75	E 3° S
2 „	1.06	14.03	2.32	0.52	1.26	13.51	E 5° S
3 „	1.45	13.81	2.90	0.48	1.45	13.33	E 6° S
4 „	1.16	12.68	2.55	0.26	1.39	12.42	E 6° S
5 „	1.23	11.71	2.06	0.26	0.83	11.45	E 4° S
6 „	0.74	10.52	2.00	0.32	1.26	10.20	E 7° S
7 „	1.39	9.97	1.97	0.03	0.58	9.94	E 3° S
8 „	1.29	10.16	1.45	0.23	0.16	9.93	E 1° S
9 „	1.65	10.23	2.42	0.13	0.77	10.10	E 4° S
10 „	1.74	11.00	2.16	0.03	−0.42	10.97	E 2° S
11 „	2.06	10.16	1.94	0.03	+0.12	10.13	E 1° N
Midt.	1.58	10.10	1.68	0.06	−0.10	+10.04	E 1° S
Means,.....	1.97	11.03	1.45	0.22	+0.52	+10.81	E 3° 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.
1891.														
Oct. 1	28.23	28.19	28.20	75	75	74	77	70	E	4	E	4	E	4
„ 2	.24	.16	.17	72	72	70	75	70	E	4	E	5	E	5
„ 3	.20	.15	.13	73	73	72	76	70	E	5	E	4	ESE	5
„ 4	.20	.13	.16	72	73	71	74	71	SE	4	SE	4	SE	4
„ 5	.23	.17	.14	73	74	73	76	71	E	4	E	4	E	4
„ 6	.23	.17	.17	74	75	74	76	71	SE	2	SE	2	SW	2
„ 7	.15	.11	.09	77	77	74	78	73	SW	2	SW	3	SW	3
„ 8	.14	.08	.09	79	77	76	79	74	SE	4	SE	4	SE	4
„ 9	.20	.13	.13	74	75	74	77	73	E	5	E	4	E	4
„ 10	.17	.14	.16	74	74	73	77	71	E	5	E	3	E	4
„ 11	.21	.12	.15	73	74	73	76	72	E	5	E	5	E	5
„ 12	.20	.12	.14	73	75	74	76	71	E	5	E	4	E	4
„ 13	.17	.12	.12	74	77	75	78	72	E	4	E	3	E	3
„ 14	.13	.07	.07	74	76	74	78	72	SE	4	E	4	E	4
„ 15	.16	.11	.10	76	76	74	78	72	E	4	E	3	E	4
„ 16	.20	.15	.12	75	77	74	77	71	E	4	E	4	E	6
„ 17	.20	.15	.15	72	74	72	74	70	E	6	E	4	E	5
„ 18	.18	.11	.13	74	75	72	76	71	E	5	E	3	SE	4
„ 19	.17	.12	.13	76	77	74	77	71	E	4	E	4	E	4
„ 20	.15	.10	.12	76	75	74	77	71	E	4	E	3	E	4
„ 21	.14	.09	.10	74	74	73	75	71	E	4	E	4	E	5
„ 22	.10	.05	.06	72	70	70	74	70	E	4	ENE	4	E	5
„ 23	.12	.06	.07	72	73	72	74	70	E	4	E	4	E	4
„ 24	.14	.06	.04	74	73	71	75	71	SE	5	E	5	E	6
„ 25	.12	.08	.09	70	70	70	74	70	E	6	E	5	E	6
„ 26	.12	.07	.08	73	72	70	74	70	E	6	E	4	E	4
„ 27	.11	.08	.07	73	75	74	75	70	SE	3	SE	4	SE	4
„ 28	.09	.07	.09	74	74	74	76	72	SW	4	SW	4	SW	3
„ 29	.15	.10	.14	75	72	72	76	70	E	3	NE	4	NE	4
„ 30	.24	.20	.23	69	69	67	74	66	NE	4	NE	4	NE	4
„ 31	.31	.26	.28	67	69	67	70	65	NE	3	E	3	NE	4
Means,	28.174	28.120	28.126	73.5	73.9	72.5	75.8	70.7	E 7° S	4.2	E 4° S	3.8	E 5° S	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
1891.												
Oct. 1, ...	0	...	...	8	cum.	...	10	sm-cum. / cum.	...	8	sm-cum.	N
„ 2, ...	7	cum-nim.	E	10	cum.	E	4	sm-cum. / cum.	NE	10	cum.	E
„ 3, ...	4	cum-nim.	E	10	cum-nim.	E	8	sm-cum. / cum.	E	5	cum.	E
„ 4, ...	10	nim.	E	10	nim.	E	10	nim.	E	9	sm-cum. / cum.	S
„ 5, ...	1	cum.	E	7	cum.	E	2	cum.	E	4	cum.	E
„ 6, ...	0	...	...	0	...	...	2	cum.	E	2	cum.	SE
„ 7, ...	0	...	...	0	...	...	0	...	...	1	cum.	NNE
„ 8, ...	0	...	...	0	...	...	7	sm-cum.	E	1	cum.	N
„ 9, ...	6	cum.	...	9	nim.	E	10	nim.	E	9	c-str. / cum.	ENE
„ 10, ...	7	cum.	E	4	cum.	E	8	cum.	E	10	cum-nim.	E
„ 11, ...	2	cum.	E	4	cum.	E	8	cum.	E	8	sm-cum. / cum.	ENE
„ 12, ...	7	cum-nim.	E	6	cum.	E	8	sm-cum. / cum.	E	3	cum.	ESE
„ 13, ...	2	cum.	E	1	cum.	E	3	cum.	ESE	2	cum.	E
„ 14, ...	4	cum.	...	0	...	...	1	cum.	E	3	cum.	ESE
„ 15, ...	3	cum.	E	0	...	...	1	cum.	E	2	cum.	E
„ 16, ...	6	cum.	E	7	nim.	E	2	cum.	E	2	c-str. / cum.	E
„ 17, ...	7	cum.	E	8	nim.	E	3	cum.	E	4	cum.	E
„ 18, ...	5	cum.	E	4	cum.	E	2	cum.	E	5	cum.	E
„ 19, ...	0	...	...	2	cum.	E	2	cum.	E	3	c-str. / cum.	E
„ 20, ...	2	cum.	E	3	cum.	E	0	...	...	3	cum.	NE
„ 21, ...	2	cum.	ENE	6	cum.	ENE	9	sm-cum.	...	5	cum.	ENE
„ 22, ...	6	cum.	E	2	cum.	E	5	cum.	E	9	cum.	E
„ 23, ...	4	cum.	E	6	cum.	E	4	cum.	ESE	5	cum.	E
„ 24, ...	3	cum.	E	4	cum.	E	6	cum.	E	7	sm-cum. / cum.	E
„ 25, ...	10	cum-nim.	E	10	nim.	E	10	cum.	E	6	cum.	ENE
„ 26, ...	10	cum-nim.	E	10	nim.	E	10	cum-nim.	ENE	10	R-cum.	E
„ 27, ...	10	nim.	...	5	cum.	E	7	cum.	S	4	cum.	NW
„ 28, ...	6	cum.	E	0	...	...	2	cum.	W	7	c-str. / cum.	SW / SE
„ 29, ...	0	...	...	1	cum.	...	2	cum.	...	7	sm-cum. / cum.	E
„ 30, ...	8	cum.	NE	3	cum.	NE	8	sm-cum. / cum.	E	9	sm-cum. / cum.	E
„ 31, ...	1	cum.	...	4	cum.	...	10	sm-cum.	...	10	sm-cum.	E
Means, ...	4.3	...	...	4.6	...	...	5.3	...	...	5.6	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
Oct. 1,...	7	c-cum. / sm-cum.	W / W	2	sm-cum.	...	3	cum.	E	9	cum.	E	5.9
„ 2,...	9	sm-cum. / nim.	E	9	sm-cum. / cum.	ENE	10	cum-nim.	E	10	cum-nim.	E	8.6
„ 3,...	2	cum.	E	9	sm-cum. / cum.	E	9	cum.	E	10	nim.	E	7.1
„ 4,...	10	nim.	SE	3	cum.	SE	1	cum.	...	0	...	...	6.6
„ 5,...	3	cum.	E	1	cum.	E	1	cum.	E	1	cum.	...	2.5
„ 6,...	7	cum.	ESE	1	cum.	E	0	...	...	0	...	...	1.5
„ 7,...	2	cum.	...	0	...	...	0	...	...	0	...	...	0.4
„ 8,...	7	cum.	SE	5	cum.	SE	1	c-str.	..	0	...	...	2.6
„ 9,...	9	c-str. / cum.	ENE	5	c-str. / cum.	WNW / E	6	cum.	E	2	cum.	E	7.0
„ 10,...	5	cum.	E	4	c-str. / cum.	E	2	cum.	E	3	cum.	E	5.4
„ 11,...	8	c-str. / cum.	E	7	cum.	E	6	cum.	ESE	5	cum.	ESE	6.0
„ 12,...	4	cum.	E	4	c-str. / cum.	W / E	4	cum.	E	5	c-str. / cum.	E	5.1
„ 13,...	2	cum.	E	1	c-str. / cum.	E	1	cum.	E	2	cum.	E	1.7
„ 14,...	2	cum.	ESE	2	c-str. / cum.	E	1	cum.	E	2	cum.	E	1.9
„ 15,...	2	cum.	ESE	1	cum.	ESE	1	cum.	ESE	1	cum.	E	1.4
„ 16,...	2	c-str. / cum.	E	8	c-str.	W	3	cum.	E	10	nim.	E	5.0
„ 17,...	2	cum.	E	1	cum.	E	2	cum.	E	4	cum.	E	3.9
„ 18,...	2	cum.	E	1	cum.	E	0	...	...	8	cum.	E	3.4
„ 19,...	2	cum.	E	1	cum.	...	0	...	...	4	cum.	E	1.8
„ 20,...	4	cum.	NE	1	c-str. / cum.	...	2	c-str.	...	7	c-str. / cum.	W / ..	2.7
„ 21,...	6	sm-cum. / cum.	E	2	sm-cum. / cum.	NW / E	3	nim.	E	4	sm-cum. / cum.	SE	4.6
„ 22,...	10	cum-nim.	E	10	nim.	ENE	9	cum-nim.	E	8	sm-cum. / cum.	WSW / E	7.4
„ 23,...	6	cum.	E	3	c-str. / cum.	WNW / E	1	cum.	E	0	...	...	3.6
„ 24,...	7	c-str. / cum.	E	8	c-str. / c-cum. / cum.	W / W / E	10	nim.	E	10	nim.	E	6.9
„ 25,...	10	R-cum.	E	10	nim.	E	10	cum-nim.	...	9	nim.	E	9.4
„ 26,...	10	nim.	E	10	nim.	E	10	nim.	...	10	nim.	E	10.0
„ 27,...	5	cum.	WSW	0	...	...	0	...	...	1	cum.	...	4.0
„ 28,...	7	cum.	SE	7	cum.	SE	0	...	...	1	cum.	SE	3.8
„ 29,...	4	c-str. / cum.	E	9	sm-cum. / cum.	E	5	sm-cum. / cum.	...	1	cum.	...	3.6
„ 30,...	9	sm-cum. / cum.	E	10	str.	...	10	str.	...	9	str.	...	8.2
„ 31,...	9	sm-cum.	NNE	4	c-cum. / sm-cum.	E	5	sm-cum.	ENE	1	sm-cum.	...	5.5
Means,...	5.6	...	...	4.5	...	...	3.7	...	...	4.4	...	...	4.8

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF NOVEMBER, 1891.

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,...	30.047	30.036	30.035	30.028	30.040	30.049	30.067	30.086	30.098	30.097	30.079	30.055	30.033	30.012	30.009	30.007	30.009	30.015	30.030	30.047	30.050	30.048	30.041	30.034	30.044
„ 2,...	.018	.009	.005	.009	.009	.018	.033	.048	.062	.059	.044	.019	29.991	29.969	29.950	29.948	29.949	29.952	29.964	29.979	29.988	29.996	29.995	29.992	.000
„ 3,...	29.983	29.976	29.972	29.968	29.964	29.976	29.993	.010	.018	.016	.000	29.972	.939	.910	.900	.902	.911	.919	.916	.941	.955	.960	.954	.942	29.958
„ 4,...	.929	.921	.908	.896	.896	.894	.905	29.916	29.929	29.924	29.892	.881	.846	.815	.811	.809	.826	.840	.852	.874	.879	.877	.872	.861	.877
„ 5,...	.845	.829	.824	.821	.822	.849	.867	.881	.897	.908	.898	.871	.851	.834	.830	.836	.842	.851	.864	.876	.880	.894	.887	.880	.860
„ 6,...	.879	.864	.859	.865	.871	.902	.909	.919	.942	.951	.932	.919	.882	.870	.871	.883	.886	.896	.897	.908	.925	.928	.914	.911	.899
„ 7,...	.906	.889	.871	.876	.891	.906	.923	.933	.940	.948	.932	.908	.884	.877	.867	.884	.885	.885	.899	.913	.915	.917	.903	.895	.902
„ 8,...	.887	.879	.855	.848	.853	.864	.868	.882	.887	.901	.882	.869	.844	.818	.807	.819	.820	.825	.840	.848	.858	.864	.847	.847	.855
„ 9,...	.833	.825	.798	.800	.804	.819	.843	.854	.874	.902	.892	.872	.846	.829	.828	.828	.843	.858	.880	.903	.907	.909	.913	.903	.857
„ 10,...	.904	.908	.896	.895	.908	.917	.940	.957	.976	.983	.971	.947	.919	.910	.911	.921	.937	.954	.973	.994	30.005	30.014	30.019	30.013	.949
„ 11,...	30.005	.996	.993	.996	30.012	30.041	30.051	30.065	30.077	30.082	30.054	30.028	.998	.979	.975	.973	.981	.989	30.016	30.033	.041	.047	.039	.035	30.021
„ 12,...	.017	30.007	30.001	30.000	29.995	.014	.033	.054	.058	.055	.033	.002	.967	.942	.938	.933	.936	.949	29.964	29.978	29.982	29.986	29.975	29.964	29.991
„ 13,...	29.961	29.953	29.942	29.938	.943	29.956	29.974	29.983	29.995	29.991	29.966	29.940	.915	.895	.883	.883	.897	.910	.921	.936	.941	.940	.936	.924	.938
„ 14,...	.904	.886	.875	.880	.882	.898	.923	.944	.954	.959	.939	.910	.884	.863	.854	.853	.867	.875	.900	.909	.915	.912	.917	.918	.901
„ 15,...	.904	.893	.893	.891	.899	.907	.921	.929	.944	.940	.933	.913	.870	.842	.830	.847	.861	.889	.896	.924	.935	.957	.965	.972	.906
„ 16,...	.960	.950	.941	.927	.920	.947	.972	.988	30.012	30.018	.998	.980	.934	.914	.893	.891	.892	.898	.917	.947	.956	.946	.954	.956	.946
„ 17,...	.951	.938	.919	.912	.942	.956	.966	.961	29.992	29.995	.966	.928	.899	.871	.862	.869	.884	.912	.926	.933	.939	.938	.932	.928	.930
„ 18,...	.922	.894	.894	.890	.890	.898	.919	.935	.957	.964	.936	.898	.860	.848	.840	.845	.858	.863	.884	.894	.901	.905	.897	.891	.895
„ 19,...	.882	.874	.866	.866	.868	.876	.894	.912	.928	.928	.905	.878	.846	.817	.806	.810	.822	.831	.850	.860	.861	.863	.857	.852	.865
„ 20,...	.857	.854	.846	.849	.860	.874	.894	.908	.922	.921	.899	.868	.835	.815	.811	.810	.818	.827	.838	.851	.859	.871	.873	.869	.860
„ 21,...	.871	.871	.873	.869	.883	.898	.921	.943	.943	.927	.915	.887	.857	.828	.822	.834	.847	.862	.875	.882	.891	.887	†.891	†.891	.882
„ 22,...	†.881	†.881	†.891	†.891	†.906	†.926	.956	.976	.987	.990	.967	.945	.915	.903	.902	.906	.925	.953	.972	.993	30.007	30.016	30.014	30.009	.946
„ 23,...	30.006	30.010	30.012	30.020	30.041	30.052	30.063	30.080	30.104	30.107	30.086	30.065	30.044	30.023	30.009	30.012	30.025	30.038	30.052	30.068	.083	.091	.102	.095	30.054
„ 24,...	.079	.058	.055	.040	.045	.055	.075	.090	.107	.106	.094	.071	.039	.023	.027	.048	.070	.094	.119	.141	.156	.162	.160	.156	.086
„ 25,...	.150	.142	.132	.133	.144	.158	.190	.208	.223	.243	.231	.211	.181	.168	.165	.168	.182	.196	.210	.226	.235	.241	.234	.233	.192
„ 26,...	.213	.197	.178	.181	.186	.208	.251	.254	.283	.284	.277	.254	.230	.209	.201	.210	.229	.248	.268	.272	.288	.294	.281	.277	.241
„ 27,...	.237	.227	.195	.209	.212	.227	.254	.273	.286	.280	.264	.228	.204	.185	.175	.167	.175	.183	.201	.208	.215	.234	.214	.196	.219
„ 28,...	.178	.161	.146	.145	.149	.168	.188	.201	.220	.213	.186	.163	.135	.130	.111	.107	.126	.135	.144	.160	.160	.159	.155	.138	.157
„ 29,...	.129	.107	.083	.114	.116	.133	.141	.174	.187	.191	.169	.135	.107	.087	.078	.080	.082	.095	.108	.116	.126	.127	.127	.121	.122
„ 30,...	.114	.118	.114	.096	.092	.108	.120	.138	.146	.142	.125	.085	.044	.019	.002	.010	.030	.042	.064	.077	.084	.097	.087	.074	.084
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.982	29.972	29.962	29.962	29.968	29.983	30.002	30.017	30.032	30.034	30.015	29.990	29.960	29.940	29.932	29.936	29.947	29.959	29.975	29.990	29.998	30.003	29.998	29.993	29.981

† Approximate.

TABLE II.

TEMPERATURE FOR THE MONTH OF NOVEMBER, 1891.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Nov. 1,	73.0	72.6	72.1	70.5	70.2	69.2	70.4	72.4	75.4	76.4	77.0	77.0	77.3	77.2	76.9	76.0	75.1	74.1	74.0	73.1	75.1	74.6	75.0	75.1	74.2	77.7	67.4
„ 2,	75.1	74.6	74.0	73.1	73.2	73.0	73.5	74.4	75.9	76.5	77.0	78.0	78.0	78.1	78.0	77.7	77.0	75.1	75.0	74.1	74.4	75.1	76.1	76.2	75.5	79.0	71.1
„ 3,	76.4	76.2	75.9	75.2	75.0	75.1	75.9	75.9	77.8	78.2	78.9	79.0	80.0	80.1	79.3	78.5	77.2	77.0	76.1	76.0	75.1	75.0	74.2	74.5	76.8	80.8	73.6
„ 4,	75.0	74.5	73.8	73.8	73.3	74.7	76.0	77.0	78.8	80.0	80.7	80.8	80.2	80.7	79.9	79.1	79.8	77.0	77.0	76.2	76.0	76.0	74.9	75.5	77.1	82.1	72.7
„ 5,	74.9	74.8	74.5	74.1	74.3	74.7	75.0	77.0	77.8	77.1	75.8	77.9	78.0	77.8	77.0	76.0	75.9	75.9	76.0	75.9	75.9	75.7	76.0	76.1	76.0	78.4	74.1
„ 6,	75.6	75.6	75.1	74.9	74.8	74.7	74.8	75.9	76.4	76.7	77.8	78.0	77.2	76.9	76.3	76.1	75.8	75.0	75.7	75.7	76.0	76.0	76.0	76.0	76.0	78.6	74.2
„ 7,	76.2	76.2	75.8	75.5	75.0	74.8	74.8	74.9	76.9	76.1	76.8	76.7	75.4	75.2	75.3	75.5	74.8	74.8	75.3	75.6	75.9	76.3	76.3	76.2	75.7	77.1	73.8
„ 8,	76.0	76.3	76.3	76.1	75.8	75.7	75.7	74.7	74.9	75.4	76.2	75.5	75.5	77.0	77.0	77.0	76.9	76.9	76.9	76.9	76.0	75.9	76.3	75.6	76.1	77.0	73.8
„ 9,	74.9	74.5	74.4	74.5	74.3	74.4	73.6	73.9	71.3	72.6	71.9	74.0	72.7	71.9	73.6	71.7	70.2	69.9	69.0	68.9	68.0	67.1	66.5	66.7	71.7	76.4	66.5
„ 10,	67.2	66.7	66.4	65.7	64.9	64.2	64.3	65.8	68.7	69.6	69.4	71.6	72.1	72.7	71.7	71.2	69.0	67.0	66.7	65.9	64.9	64.0	64.0	64.0	67.4	75.6	62.9
„ 11,	63.9	64.2	63.7	61.9	61.4	61.4	62.9	64.8	66.4	67.5	68.5	68.8	68.6	71.2	72.3	71.9	67.9	66.0	66.8	66.9	66.1	65.8	65.1	64.4	66.2	73.8	59.9
„ 12,	64.1	63.7	63.4	62.6	61.8	61.1	61.8	64.0	66.8	68.7	69.2	69.7	70.1	70.3	69.8	69.9	68.7	68.0	65.9	65.3	65.0	64.8	64.5	64.5	66.0	71.9	59.7
„ 13,	64.5	64.6	64.6	65.2	65.5	65.0	65.7	66.9	67.9	69.4	70.2	69.9	70.1	70.7	70.7	70.7	69.6	67.9	67.2	69.9	69.9	68.7	67.6	67.8	67.9	71.4	64.5
„ 14,	67.5	68.2	67.9	68.1	66.1	65.7	67.0	70.0	72.0	72.2	74.5	74.2	75.7	76.6	75.1	74.8	73.2	71.9	71.2	71.1	71.9	71.5	71.5	71.7	71.2	78.5	65.2
„ 15,	71.2	71.4	71.1	70.3	70.2	70.1	70.8	72.0	74.0	74.9	77.5	78.0	77.9	78.5	78.1	77.0	76.7	75.0	74.7	73.0	72.0	72.0	71.5	71.1	73.7	81.2	68.7
„ 16,	70.9	70.6	69.9	69.7	69.6	69.3	68.8	68.9	69.9	69.8	70.4	71.6	70.7	70.4	70.4	69.5	67.9	67.7	66.8	66.6	65.8	65.0	64.6	63.5	68.7	72.7	63.5
„ 17,	62.8	62.6	61.6	61.1	60.8	60.8	60.5	62.7	63.8	64.8	66.7	67.2	67.5	67.7	68.2	67.4	65.9	65.8	65.6	65.0	65.8	65.8	64.7	62.9	64.5	70.6	59.8
„ 18,	62.4	61.7	61.6	61.2	60.9	60.6	60.8	62.3	62.8	65.2	68.1	70.2	71.9	71.6	72.4	70.6	68.8	67.8	67.1	66.9	66.0	65.7	65.4	64.9	65.7	72.4	60.2
„ 19,	64.7	64.5	64.1	63.7	63.1	62.4	63.0	65.4	67.8	71.5	72.8	72.8	73.1	73.2	72.9	72.0	70.8	70.3	70.5	70.9	71.0	70.9	70.6	70.4	68.8	74.4	62.2
„ 20,	70.2	70.0	69.4	69.3	68.9	68.6	68.8	69.8	71.8	72.9	73.6	74.6	74.1	74.0	73.5	71.6	70.9	70.8	70.6	70.5	69.8	71.4	71.5	71.2	71.2	74.9	67.9
„ 21,	71.1	71.0	70.6	70.1	69.9	69.6	69.3	71.9	72.8	73.4	74.8	76.1	76.7	77.0	75.6	76.2	74.3	71.8	69.8	69.3	70.1	69.9	69.8	69.7	72.1	78.9	67.6
„ 22,	69.0	68.1	67.5	67.1	66.5	66.6	66.9	68.9	70.8	73.3	73.6	74.8	74.7	73.8	73.8	70.9	70.8	69.8	68.9	69.8	68.9	69.6	70.3	70.3	70.2	75.7	66.5
„ 23,	70.2	69.6	69.5	67.9	67.2	66.6	66.8	67.7	69.8	69.6	70.2	71.2	72.7	72.2	71.8	72.8	70.8	70.5	69.6	69.0	68.8	67.9	67.4	67.4	69.5	74.0	65.7
„ 24,	67.8	67.8	67.3	66.6	66.3	65.5	64.8	65.8	66.9	69.3	69.6	70.1	69.9	70.2	70.8	71.1	69.8	69.4	69.8	68.7	66.9	66.7	67.1	66.9	68.1	71.5	64.2
„ 25,	66.9	67.2	66.5	64.6	63.6	63.7	63.4	63.8	63.9	64.6	64.0	66.1	67.0	67.3	67.8	65.9	54.8	64.6	64.6	63.7	61.9	60.8	59.9	59.8	64.4	69.7	59.8
„ 26,	59.6	58.7	58.4	58.1	58.2	58.6	57.4	59.6	60.8	60.7	61.8	61.4	61.6	62.0	60.2	60.0	59.0	58.9	58.9	58.9	59.3	59.9	59.1	59.5	59.6	63.6	56.9
„ 27,	59.2	58.9	59.4	58.0	58.7	58.3	58.0	58.9	62.0	63.5	63.9	64.3	63.5	63.8	64.5	63.8	62.9	62.8	63.6	63.8	65.1	64.6	64.5	64.4	62.1	65.5	56.6
„ 28,	64.3	63.6	61.9	61.3	60.9	60.5	60.8	61.8	63.8	65.8	66.8	67.7	67.8	66.7	66.9	66.1	64.4	62.8	63.0	62.3	62.8	62.6	61.0	62.3	63.7	69.0	60.3
„ 29,	62.9	63.5	62.0	62.3	62.2	62.3	61.4	63.8	65.7	65.5	66.8	69.0	68.0	69.7	69.5	67.8	66.8	66.3	66.9	67.8	66.1	66.8	66.3	66.4	65.7	70.4	61.4
„ 30,	65.4	65.2	64.0	63.2	63.1	64.1	63.9	64.6	66.2	67.6	68.4	70.8	71.0	72.0	71.8	71.0	69.8	67.9	66.9	67.8	67.8	67.1	67.2	66.5	67.2	74.7	63.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	68.8	68.6	68.1	67.5	67.2	67.0	67.2	68.5	70.0	71.0	71.8	72.6	72.6	72.9	72.7	72.0	70.9	70.0	69.7	69.5	69.3	69.1	68.8	68.7	69.8	74.6	65.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF NOVEMBER, 1891.

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,...	65.7	65.9	64.6	63.7	63.5	63.9	65.0	65.8	67.8	69.3	69.2	68.8	68.9	67.7	68.0	68.1	68.1	67.7	68.0	68.1	68.1	68.2	68.8	69.2	67.2	135.1
„ 2,...	68.7	68.7	68.0	68.0	67.1	67.9	68.0	68.7	68.5	68.1	66.5	66.2	66.0	67.5	67.6	68.0	68.3	67.9	68.5	67.9	68.6	69.6	70.2	70.4	68.1	130.7
„ 3,...	70.8	70.9	71.0	71.0	70.7	70.8	70.8	70.8	71.6	71.0	71.8	72.1	72.7	72.7	73.0	72.4	71.7	71.6	70.9	70.8	70.5	70.9	70.9	70.9	71.3	143.3
„ 4,...	70.8	71.1	70.3	70.3	70.8	70.9	72.0	72.9	73.6	73.8	73.5	73.6	73.1	73.6	73.8	73.0	72.6	72.1	71.9	71.9	71.8	72.0	72.0	71.9	72.2	135.1
„ 5,...	72.0	71.9	71.9	71.9	72.0	71.6	71.8	72.8	72.8	72.8	72.3	72.7	72.6	72.6	71.6	70.9	71.3	70.9	70.9	70.9	70.8	71.3	71.0	71.1	71.8	136.5
„ 6,...	71.0	70.9	70.9	70.2	69.7	69.0	69.7	70.0	69.0	68.0	68.0	67.8	66.9	68.7	69.1	68.4	67.8	67.9	68.9	68.9	69.9	68.8	68.7	68.6	69.0	137.2
„ 7,...	67.9	67.8	68.0	68.2	68.4	67.7	65.9	66.6	67.8	67.4	67.8	68.9	68.5	69.0	69.5	70.2	69.9	70.1	70.2	70.3	70.8	70.8	71.4	70.7	68.9	138.1
„ 8,...	71.4	71.2	71.3	71.6	71.4	71.3	71.3	71.8	71.8	72.0	72.7	73.1	73.6	75.0	74.8	74.6	74.6	74.5	74.6	74.8	74.9	75.1	75.1	75.2	73.2	129.9
„ 9,...	74.2	74.0	73.6	73.7	73.6	73.6	72.9	72.8	68.2	67.6	68.0	68.8	66.6	66.8	67.4	66.0	66.1	64.9	64.9	63.6	61.8	60.8	60.5	59.7	67.9	128.3
„ 10,...	59.0	59.1	58.2	58.9	58.4	58.4	58.0	59.0	61.4	60.9	61.0	61.9	62.2	62.8	61.9	61.8	60.8	58.9	58.8	58.0	57.5	57.0	57.7	58.2	59.6	134.9
„ 11,...	57.9	57.8	57.5	56.4	56.0	55.9	56.8	58.0	59.1	58.7	59.8	58.4	57.3	58.6	58.5	57.8	56.9	56.5	55.9	55.9	55.8	55.6	54.9	54.1	57.1	127.7
„ 12,...	54.1	54.1	54.0	53.9	53.2	52.5	52.8	54.0	55.1	55.7	56.8	57.5	57.4	57.4	60.8	59.8	58.0	58.8	58.9	58.5	58.3	57.1	58.1	58.4	56.5	126.5
„ 13,...	58.1	58.1	57.3	56.9	57.5	56.7	56.6	57.8	58.8	60.8	62.2	61.8	61.2	61.5	61.2	61.4	60.8	59.8	59.8	61.4	60.8	60.3	60.4	60.9	59.7	129.7
„ 14,...	60.7	60.5	60.9	60.7	59.5	59.6	60.8	60.3	60.9	60.3	61.9	63.4	64.9	64.2	65.5	65.4	64.8	64.2	64.6	64.2	64.5	64.2	65.4	64.0	62.7	133.9
„ 15,...	63.7	62.3	62.3	61.9	60.6	60.3	60.8	62.0	63.4	62.1	64.7	64.2	64.6	64.3	64.7	63.9	62.9	62.5	61.8	61.8	61.8	61.9	61.8	62.3	62.6	139.1
„ 16,...	61.8	61.7	61.4	61.3	61.0	60.8	60.9	60.9	61.7	61.0	61.7	62.1	62.3	61.7	61.7	60.5	58.9	59.2	58.9	58.2	57.8	57.7	57.0	56.3	60.3	126.5
„ 17,...	56.0	55.9	55.5	55.5	55.3	55.3	54.8	56.0	57.0	57.2	58.5	58.8	59.0	58.8	59.7	59.3	58.2	57.8	57.7	57.5	57.8	57.7	57.6	56.6	57.2	132.6
„ 18,...	56.5	55.7	55.7	55.9	55.7	55.7	56.0	55.8	56.0	57.3	59.4	60.4	61.0	60.8	61.7	60.5	59.7	59.0	58.9	58.9	58.1	58.3	58.3	58.3	58.1	129.7
„ 19,...	58.5	58.5	58.6	57.9	57.8	57.3	57.8	59.0	60.8	62.5	63.5	63.5	63.7	64.1	63.6	64.4	63.8	64.5	64.8	66.7	67.0	67.2	66.5	66.3	62.4	140.3
„ 20,...	65.4	65.2	64.9	64.9	64.7	63.9	63.9	64.9	65.8	65.8	65.7	66.7	66.6	65.9	66.4	66.4	65.9	66.3	66.2	66.5	66.2	66.8	66.9	67.2	65.8	140.2
„ 21,...	67.3	67.7	67.3	66.7	66.5	66.3	66.5	67.0	66.4	64.7	66.3	66.8	67.8	68.1	67.4	68.5	67.9	68.0	67.1	67.0	66.9	66.9	66.9	66.8	67.0	141.3
„ 22,...	65.5	64.1	62.4	61.2	60.6	60.5	60.9	62.6	62.9	65.2	64.6	65.7	65.7	65.6	64.7	65.8	66.8	66.5	65.5	65.8	65.8	65.8	66.0	66.1	64.4	127.8
„ 23,...	66.0	65.8	65.2	64.0	62.1	60.2	60.7	58.8	59.9	61.8	61.7	62.1	62.6	61.7	61.7	62.9	65.0	62.7	61.8	63.8	62.9	62.7	62.2	62.4	62.5	126.5
„ 24,...	63.0	62.6	61.7	60.7	59.9	59.1	59.8	59.9	59.5	61.5	62.3	62.5	62.0	61.9	63.0	62.6	61.8	61.3	60.8	60.7	60.5	61.0	61.0	60.7	61.2	114.9
„ 25,...	60.6	59.9	59.7	59.4	58.8	57.6	56.9	57.0	56.8	57.4	56.9	58.1	58.1	57.8	58.7	57.7	57.7	57.3	55.7	55.6	54.5	53.7	53.0	53.1	57.2	131.3
„ 26,...	53.1	52.1	51.7	51.1	51.3	52.1	51.1	52.6	53.8	53.7	54.9	53.9	54.1	54.7	53.2	53.0	52.8	52.7	52.3	52.5	52.7	53.3	53.1	53.0	52.9	97.4
„ 27,...	52.5	52.4	52.2	51.6	51.6	51.2	51.0	51.9	53.8	54.5	55.4	57.1	55.4	55.4	56.7	55.7	55.0	54.2	54.7	55.0	59.0	58.8	58.3	57.5	54.6	127.6
„ 28,...	56.9	56.3	54.9	54.0	53.5	53.5	53.0	54.1	55.2	57.7	58.0	60.0	58.1	58.5	58.8	58.7	56.1	54.9	55.6	55.0	55.1	55.9	55.0	55.6	56.0	100.3
„ 29,...	56.0	56.2	55.7	55.0	55.7	55.9	54.9	57.0	57.1	57.7	59.2	60.0	58.3	62.3	61.5	57.8	57.8	57.7	56.9	57.6	56.9	57.6	57.4	57.9	57.5	104.0
„ 30,...	56.9	57.6	58.1	57.1	56.3	57.5	56.7	56.9	59.2	58.8	59.9	63.0	62.6	63.4	62.7	62.9	61.6	61.8	60.4	61.5	60.6	60.8	61.5	60.8	59.9	130.9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	62.7	62.5	62.2	61.8	61.4	61.2	61.3	61.9	62.5	62.8	63.5	64.0	63.8	64.1	64.3	63.9	63.5	63.1	62.9	63.0	62.9	62.9	62.9	62.8	62.8	129.2

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF NOVEMBER, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	70	0.500	Nov. 1,.....	68	0.574
2 „	70	.496	„ 2,.....	66	.591
3 „	70	.492	„ 3,.....	75	.695
4 „	71	.487	„ 4,.....	77	.726
5 „	70	.478	„ 5,.....	81	.724
6 „	70	.475	„ 6,.....	69	.616
7 „	69	.475	„ 7,.....	70	.616
8 „	67	.477	„ 8,.....	86	.780
9 „	63	.477	„ 9,.....	82	.633
10 „	61	.474	„ 10,.....	61	.408
11 „	61	.487	„ 11,.....	54	.347
Noon.	60	.493	„ 12,.....	52	.332
1 p	59	.486	„ 13,.....	59	.405
2 „	59	.492	„ 14,.....	60	.458
3 „	60	.502	„ 15,.....	51	.421
4 „	62	.498	„ 16,.....	58	.413
5 „	64	.498	„ 17,.....	61	.373
6 „	66	.497	„ 18,.....	61	.384
7 „	67	.494	„ 19,.....	67	.479
8 „	68	.500	„ 20,.....	73	.564
9 „	68	.499	„ 21,.....	76	.595
10 „	69	.502	„ 22,.....	71	.528
11 „	70	.506	„ 23,.....	65	.474
Midt.	70	.504	„ 24,.....	65	.450
			„ 25,.....	62	.375
			„ 26,.....	61	.314
			„ 27,.....	59	.329
			„ 28,.....	59	.348
			„ 29,.....	57	.366
			„ 30,.....	63	.420
			.....	...	...
Means,.....	66	0.491	Means.	66	0.491

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.
1891.														
Nov. 1,.....	...	0.2	0.6	0.9	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.6	...	9.1
„ 2,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 3,.....	...	0.4	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.3
„ 4,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	...	9.8
„ 5,.....	...	...	0.2	0.1	...	0.3	0.2	0.6	0.5	...	...	...	...	1.9
„ 6,.....	...	0.4	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6	0.5	0.2	...	8.6
„ 7,.....	...	...	0.1	0.9	0.3	0.6	0.5	0.1	...	...	...	...	...	2.5
„ 8,.....	...	...	...	...	...	...	...	...	0.3	...	...	...	...	0.3
„ 9,.....	...	...	...	...	...	...	...	...	...	0.3	0.5	...	...	0.8
„ 10,.....	...	0.1	0.8	0.1	0.2	...	...	0.1	0.8	1.0	1.0	0.7	...	4.8
„ 11,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.2
„ 12,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.2
„ 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,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.1	...	...	7.4
„ 15,.....	...	...	0.4	0.7	1.0	0.7	0.7	0.1	0.5	1.0	0.7	0.3	...	6.1
„ 16,.....	...	...	...	...	0.1	...	...	...	...	0.5	...	...	...	0.6
„ 17,.....	...	...	0.1	...	...	0.1	...	0.2	0.2	...	...	...	...	0.6
„ 18,.....	...	...	...	...	...	0.1	0.1	1.0	1.0	0.8	...	...	...	3.0
„ 19,.....	...	...	...	0.4	0.3	0.3	0.9	1.0	1.0	1.0	0.9	...	...	5.8
„ 20,.....	...	...	...	0.9	0.9	0.6	0.7	1.0	1.0	1.0	1.0	0.6	...	7.7
„ 21,.....	...	...	...	...	0.7	0.2	0.5	1.0	0.9	1.0	1.0	0.5	...	5.8
„ 22,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 23,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 24,.....	...	...	...	...	0.5	0.1	...	...	...	0.1	...	...	...	0.7
„ 25,.....	...	...	...	0.5	0.7	...	...	0.6	1.0	0.7	...	...	...	3.5
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	0.1	0.6	0.1	0.2	...	...	...	...	...	...	1.0
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	0.1	...	...	...	0.1
„ 30,.....	...	...	...	...	0.1	0.3	1.0	0.9	0.2	0.1	...	...	...	2.6
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	4.8	11.9	14.5	16.4	14.2	15.7	17.6	18.3	17.6	14.6	6.6	...	152.2

TABLE VI.

RAINFALL FOR THE MONTH OF NOVEMBER, 1891.

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,.....	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1	0.10
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	0.005	0.010	0.145	0.015	...	...	0.050	...	...	0.080	0.125	0.045	0.210	0.050	0.195	0.930	15	2.60
„ 9,.....	0.395	0.335	0.175	0.225	0.040	0.010	0.080	0.065	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.335	8	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.15
„ 30,.....	0.005	0.005	0.010	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	4	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.400	0.340	0.185	0.235	0.040	0.010	0.080	0.065	0.010	0.005	0.010	0.150	0.015	...	...	0.050	...	...	0.080	0.125	0.045	0.210	0.050	0.195	2.300	29	2.85

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, 1891.

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	9	2	8	1	9	1	11	1	7	1	5	2	4	32	3	4	14	6	21	7	17	8	17	6	19	7	19	9	16	8	18	7	13	5	8	5	6	5	6	6	9	6	9	6	9	5	10	267	11.1	6
„ 2,	6	14	5	13	5	12	4	8	3	4	8	6	6	7	5	13	6	17	6	15	8	17	8	16	9	15	10	12	10	13	9	12	9	11	9	15	8	14	6	9	6	13	5	11	7	14	6	9	290	12.1	7
„ 3,	7	12	7	13	6	12	5	9	5	11	7	11	8	12	6	11	7	9	9	15	10	15	10	14	11	11	10	11	9	13	9	14	9	15	9	13	8	13	7	8	8	2	8	2	9	4	10	5	255	10.6	8
„ 4,	10	2	...	1	10	2	...	0	10	3	10	4	10	6	8	7	9	11	9	9	9	12	9	12	9	17	9	17	9	14	9	15	10	11	10	10	10	9	10	5	10	4	9	4	10	2	10	2	179	7.5	9
„ 5,	...	0	10	2	...	0	...	1	10	3	3	3	...	1	5	9	4	14	7	24	7	23	7	23	8	23	7	24	7	20	7	21	8	18	8	18	7	18	8	19	8	22	8	21	8	19	7	22	348	14.5	7
„ 6,	7	23	7	21	7	23	6	22	6	21	5	18	6	20	7	23	8	26	7	25	7	26	8	22	6	24	7	21	7	18	8	19	8	20	8	19	7	20	7	20	7	23	8	25	8	30	8	26	535	22.3	7
„ 7,	7	28	7	28	7	31	7	29	6	26	7	29	7	30	7	32	7	33	6	31	7	31	7	24	7	25	7	21	7	18	7	19	7	19	7	20	7	21	8	21	7	20	8	19	8	24	7	22	601.	25.0	7
„ 8,	7	21	7	21	7	23	6	24	6	22	6	23	6	26	6	24	7	25	7	25	6	25	8	17	7	16	8	18	10	16	9	15	9	14	9	14	10	13	12	11	9	9	8	5	9	7	8	7	421	17.5	7
„ 9,	31	5	26	8	27	8	...	1	...	0	26	2	29	4	30	2	1	26	31	9	31	11	28	3	29	6	31	11	31	9	32	10	30	9	30	7	30	10	30	6	32	8	32	16	32	20	32	13	204	8.5	31
„ 10,	24	5	29	5	32	11	1	3	2	8	1	8	32	8	32	7	32	8	32	11	32	14	32	9	32	10	1	13	1	15	1	15	32	12	1	10	1	18	1	12	2	9	2	9	...	1	3	3	224	9.3	1
„ 11,	3	7	1	13	1	9	32	12	1	13	32	17	32	9	32	5	32	8	31	10	1	13	1	13	1	17	32	14	32	13	1	13	1	12	1	6	1	10	1	11	1	15	1	21	32	24	32	25	310	12.9	1
„ 12,	32	25	32	22	32	25	32	23	32	22	32	24	32	24	1	15	1	9	4	16	4	16	6	13	8	11	10	15	11	9	9	6	6	7	7	9	11	5	...	1	11	2	...	0	12	3	...	1	303	12.6	2
„ 13,	...	0	...	1	3	2	32	9	2	13	3	11	3	12	3	15	4	14	4	21	7	24	7	24	7	22	6	19	7	16	7	14	4	10	2	7	1	6	4	9	3	7	32	7	32	7	32	2	272	11.3	5
„ 14,	32	4	4	3	4	3	2	5	32	6	31	3	31	2	2	6	1	9	1	9	1	9	23	6	22	8	22	6	22	11	21	5	19	4	11	8	7	7	6	6	7	5	8	4	...	1	7	3	133	5.5	1
„ 15,	4	4	1	11	2	9	32	10	32	16	1	19	1	23	32	24	32	23	1	25	32	18	32	20	32	18	32	20	32	19	32	18	32	16	32	19	32	20	32	20	32	20	32	22	32	24	32	24	442	18.4	32
„ 16,	32	26	32	28	32	30	1	25	1	25	1	27	1	28	1	32	32	30	32	31	32	35	32	23	32	25	1	24	32	22	1	26	32	25	32	23	32	26	32	28	32	23	32	22	32	23	1	21	628	26.2	32
„ 17,	32	22	32	19	1	20	1	16	32	17	32	18	32	18	32	17	32	19	32	15	32	19	31	17	31	15	31	16	32	10	32	9	31	12	31	9	31	14	31	10	31	5	1	8	31	12	31	18	355	14.8	32
„ 18,	31	13	31	18	32	14	32	14	32	18	32	17	32	14	32	19	32	20	31	10	30	12	30	11	32	12	32	14	32	12	1	13	1	13	1	14	32	15	1	16	1	19	1	16	1	16	1	16	356	14.8	32
„ 19,	32	13	32	9	32	9	32	14	32	12	32	9	32	8	31	6	32	8	3	10	5	13	5	17	6	13	6	12	6	14	8	16	7	14	6	11	5	8	7	19	7	25	7	25	7	25	7	24	334	13.9	5
„ 20,	5	20	5	20	6	17	5	14	4	13	5	13	3	11	3	10	6	14	8	17	9	14	9	15	10	16	10	16	10	17	10	18	9	16	7	15	6	15	6	12	6	14	7	16	7	21	7	19	373	15.5	7
„ 21,	7	17	7	15	6	15	6	13	4	10	5	5	...	1	1	4	1	9	1	5	8	7	11	8	10	10	9	9	9	8	9	5	9	3	9	5	19	3	18	2	9	8	8	12	6	11	5	9	194	8.1	7
„ 22,	2	8	32	4	31	3	1	3	32	4	32	6	32	6	32	7	32	5	11	6	8	15	11	11	10	15	10	17	10	18	10	17	9	15	6	10	3	6	4	4	5	7	6	10	7	15	7	14	226	9.4	7
„ 23,	6	12	5	10	4	9	32	11	1	11	2	15	1	31	1	32	2	25	1	24	32	25	1	19	32	19	32	21	32	15	32	13	2	8	7	7	4	13	6	11	3	7	1	8	3	11	4	11	368	15.3	2
„ 24,	7	31	7	31	5	27	5	22	5	22	4	18	3	14	5	14	4	19	6	25	4	23	4	16	4	15	7	12	5	10	3	6	32	6	32	9	2	13	2	17	32	14	1	17	1	9	1	11	401	16.7	4
„ 25,	1	12	3	16	2	14	32	17	32	18	2	21	2	11	32	19	1	26	32	29	32	28	32	28	32	27	1	24	32	24	32	24	1	22	32	18	32	16	32	17	1	12	9	8	30	5	32	6	442	18.4	1
„ 26,	31	6	32	14	1	19	1	21	1	18	32	14	1	13	1	8	32	8	32	18	1	12	32	11	32	11	32	14	32	15	32	13	32	13	32	15	1	11	32	12	31	9	2	11	1	8	32	13	307	12.8	32
„ 27,	1	11	32	12	4	14	32	11	32	12	2	10	2	10	32	9	2	14	2	20	5	20	5	20	4	13	2	11	3	9	3	9	4	9	1	7	2	9	5	21	7	33	6	25	6	26	4	22	357	14.9	4
„ 28,	4	22	5	19	32	9	32	11	32	12	32	10	32	10	1	7	1	6	1	5	1	4	32	8	32	5	32	8	1	11	1	8	2	8	3	7	1	9	32	13	2	8	31	12	32	17	1	7	236	9.8	1
„ 29,	9	4	3	4	31	9	32	12	1	3	26	6	2	11	1	7	2	7	1	9	32	9	1	5	3	6	5	3	32	8	32	6	1	4	1	7	1	4	...	1	31	6	32	6	32	8	32	9	154	6.4	1
„ 30,	32	10	3	8	4	4	2	4	1	9	32	4	32	9	2	9	2	5	...	0	30	3	24	7	5	10	4	10	4	3	5	5	4	2	24	3	1	4	9	3	12	5	10	3	10	2	...	1	123	5.1	2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	386	...	397	...	392	...	375	...	379	...	376	...	383	...	396	...	461	...	490	...	510	...	449	...	454	...	452	...	416	...	402	...	361	...	343	...	356	...	350	...	363	...	374	...	398	...	375	9638	401.6	...
Means,	...	12.9	...	13.2	...	13.1	...	12.5	...	12.6	...	12.5	...	12.8	...	13.2	...	15.4	...	16.3	...	17.0	...	15.0	...	15.1	...	15.1	...	13.9	...	13.4	...	12.0	...	11.4	...	11.9	...	11.7	...	12.1	...	12.5	...	13.3	...	12.5	321.3	13.4	...

26th 4.30a. Clock stopped. Values 5a.-10a. by estimation.

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR NOVEMBER, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	7.77	7.00	0.07	0.32	+7.70	+6.68	E 49° N
2 „	8.30	6.85	0.03	0.45	8.27	6.40	E 52° N
3 „	8.98	6.43	0.03	0.33	8.95	6.10	E 56° N
4 „	9.68	4.83	0.00	0.00	9.68	4.83	E 63° N
5 „	10.15	4.63	0.07	0.00	10.08	4.63	E 65° N
6 „	9.55	5.03	0.05	0.28	9.50	4.75	E 63° N
7 „	9.85	4.95	0.07	0.07	9.78	4.88	E 63° N
8 „	9.93	5.42	0.00	0.07	9.93	5.35	E 62° N
9 „	10.92	7.05	0.07	0.00	10.85	7.05	E 57° N
10 „	10.40	8.65	0.27	0.20	10.13	8.45	E 50° N
11 „	9.65	9.45	0.37	0.27	9.28	9.18	E 45° N
Noon.	7.18	8.65	0.70	0.73	6.48	7.92	E 39° N
1 p.	7.60	8.72	1.03	0.43	6.57	8.29	E 38° N
2 „	7.60	8.72	1.15	0.35	6.45	8.37	E 38° N
3 „	6.92	7.45	1.47	0.40	5.45	7.05	E 38° N
4 „	6.47	7.80	0.98	0.13	5.49	7.67	E 36° N
5 „	6.12	6.80	0.73	0.23	5.39	6.57	E 39° N
6 „	5.92	6.40	0.58	0.27	5.34	6.13	E 41° N
7 „	7.38	5.85	0.45	0.30	6.93	5.55	E 51° N
8 „	6.95	6.08	0.43	0.17	6.52	5.91	E 48° N
9 „	6.52	7.23	0.33	0.13	6.19	7.10	E 41° N
10 „	6.80	7.12	0.13	0.07	6.67	7.05	E 43° N
11 „	7.13	7.32	0.20	0.13	6.93	7.19	E 44° N
Midt.	7.55	6.77	0.10	0.12	7.45	6.65	E 48° N
Means,.....	8.14	6.88	0.39	0.23	+7.75	+6.66	E 49° 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.
1891.														
Nov. 1	28.33	28.27	28.28	68	69	67	70	65	E	4	E	4	E	3
„ 2	.30	.23	.25	68	71	68	71	65	E	4	E	3	E	4
„ 3	.27	.20	.20	71	74	73	75	67	E	4	E	3	E	3
„ 4	.21	.13	.14	75	75	74	76	69	E	3	E	2	E	4
„ 5	.17	.11	.13	70	70	69	74	66	E	5	E	5	E	5
„ 6	.20	.16	.19	69	69	66	71	66	E	5	E	4	E	6
„ 7	.20	.15	.16	67	68	68	69	66	E	6	E	4	E	5
„ 8	.17	.11	.09	68	70	69	71	68	ESE	4	SE	5	SE	5
„ 9	.16	.10	.13	67	65	62	70	61	NW	4	N	4	N	5
„ 10	.20	.16	.20	63	65	64	66	60	N	4	NE	5	NE	5
„ 11	.29	.21	.20	63	64	64	65	63	NE	4	NNE	4	N	5
„ 12	.26	.20	.22	60	63	59	65	55	NE	5	NE	5	NE	4
„ 13	.21	.15	.14	62	63	61	63	57	ESE	5	E	4	NE	4
„ 14	.19	.14	.15	65	68	65	68	60	N	4	N	4	NNE	4
„ 15	.17	.12	.15	67	69	66	69	61	NNE	5	NE	5	NNE	5
„ 16	.23	.13	.14	63	62	60	66	60	NE	6	NE	6	N	5
„ 17	.19	.11	.17	58	61	56	65	54	NE	5	NE	4	NE	5
„ 18	.20	.11	.13	59	63	60	65	56	NE	5	NNE	4	N	4
„ 19	.16	.08	.10	61	64	63	64	56	NE	4	NE	4	NE	5
„ 20	.18	.09	.11	64	68	64	68	61	E	5	E	4	E	4
„ 21	.18	.12	.13	66	70	65	70	62	NNE	4	NE	2	N	4
„ 22	.22	.16	.17	65	67	63	68	61	NE	4	E	2	NE	4
„ 23	.27	.26	.27	61	66	64	68	60	NE	4	NNE	4	NE	5
„ 24	.32	.28	.30	61	63	61	67	56	ENE	5	E	4	E	5
„ 25	.40	.39	.43	57	59	56	62	56	NE	6	NE	5	NE	5
„ 26	.46	.40	.42	54	54	53	56	51	ENE	5	N	4	N	4
„ 27	.46	.40	.43	54	56	53	56	52	NE	5	NE	5	NE	5
„ 28	.42	.36	.32	56	58	55	59	53	NE	5	NE	4	N	4
„ 29	.39	.32	.34	58	59	57	60	54	NE	3	NE	3	N	4
„ 30	.33	.26	.30	59	63	61	64	57	NE	3	E	4	NE	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	28.258	28.197	28.213	63.3	65.2	62.9	66.7	59.9	E 33° N	4.5	E 32° N	4.0	E 43° N	4.5

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
1891.												
Nov. 1, ...	8	cum.	NE	5	sm-cum.	...	8	sm-cum.	...	3	sm-cum.	W
„ 2, ...	6	cum.	NE	0	...	...	2	cum.	ENE	0	...	...
„ 3, ...	10	cum.	ENE	7	cum.	ENE	3	c-cum. / sm-cum. / cum.	E	2	c-str. / cum.	ENE
„ 4, ...	0	...	...	0	...	...	1	c-cum.	...	1	cum.	E
„ 5, ...	7	cum.	...	8	cum.	...	10	sm-cum. / cum.	ENE	10	nim.	E
„ 6, ...	5	nim.	NE	8	cum.	NE	2	sm-cum. / cum.	ENE	2	sm-cum.	W
„ 7, ...	8	R-cum.	E	10	R-cum.	E	9	sm-cum.	...	9	sm-cum.	W
„ 8, ...	9	cum.	E	10	cum.	E	10	cum.	E	10	nim.	E
„ 9, ...	10	nim.	W	10	nim.	W	10	nim.	...	10	R-cum.	NNE
„ 10, ...	7	cum.	NNW	10	nim.	...	2	sm-cum.	W	7	sm-cum. / cum.	W / SSE
„ 11, ...	3	sm-cum.	WNW	1	sm-cum.	WNW	7	sm-cum.	N	0	...	...
„ 12, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 13, ...	0	...	...	3	cum.	NE	0	...	...	1	cum.	ENE
„ 14, ...	7	sm-cum.	E	10	cum.	E	8	sm-cum.	E	9	c-cum. / sm-cum.	SW / E
„ 15, ...	10	sm-cum.	SE	8	sm-cum.	SE	9	sm-cum.	SSE	5	c-str. / sm-cum.	ESE
„ 16, ...	10	sm-cum.	SE	10	cum.	...	10	sm-cum.	NNE	10	sm-cum. / cum.	E
„ 17, ...	8	sm-cum.	...	7	sm-cum.	...	6	c-str. / sm-cum.	...	10	sm-cum.	ESE
„ 18, ...	6	sm-cum.	NE	9	sm-cum.	NE	10	sm-cum.	NE	8	sm-cum.	E
„ 19, ...	10	cum.	E	10	cum.	E	10	sm-cum.	E	9	str-cum.	SE
„ 20, ...	8	cum.	E	10	cum.	E	9	str-cum.	...	7	sm-cum.	SSW
„ 21, ...	9	cum.	E	9	cum.	E	9	sm-cum.	...	9	cum.	SSW
„ 22, ...	2	cum.	E	2	cum.	...	3	c-str.	...	4	c-str.	...
„ 23, ...	2	cum.	E	2	cum.	NE	0	...	...	1	cum.	NNE
„ 24, ...	6	cum.	E	0	...	...	6	sm-cum. / cum.	SSE / NE	10	cum.	SE
„ 25, ...	10	cum.	...	10	cum.	...	10	str-cum.	NNE	10	sm-cum. / cum.	ESE / NE
„ 26, ...	10	cum.	NE	10	cum.	NE	10	sm-cum.	W	10	sm-cum.	WSW
„ 27, ...	10	cum.	...	10	cum.	...	10	sm-cum.	...	8	sm-cum.	W
„ 28, ...	10	cum.	NE	10	cum.	...	10	str-cum.	ENE	10	sm-cum.	WSW
„ 29, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	W
„ 30, ...	10	nim.	...	10	cum-nim.	...	10	sm-cum.	...	9	cum.	SW
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.0	...	...	7.0	...	...	6.8	...	...	6.5	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
Nov. 1,...	1	sm-cum. / cum.	E	1	sm-cum. / cum.	E	2	cum.	E	5	cum.	E	4.1
„ 2,...	0	...	...	0	...	...	0	...	...	1	cum.	...	1.1
„ 3,...	2	c-str. / cum.	E	2	c-str.	W	0	...	...	0	...	...	3.2
„ 4,...	1	cum.	ESE	1	sm-cum.	...	1	cum.	...	1	cum.	...	0.8
„ 5,...	9	sm-cum. / R-cum.	W / E	9	sm-cum. / cum.	W / E	9	sm-cum. / cum.	E	10	nim.	...	9.0
„ 6,...	3	sm-cum.	W	8	sm-cum. / cum.	W / E	9	sm-cum. / cum.	W / E	8	cum-nim.	E	5.6
„ 7,...	9	sm-cum. / R-cum.	W / E	10	sm-cum. / R-cum.	W / E	9	sm-cum. / R-cum.	W / E	7	cum.	E	8.9
„ 8,...	10	c-str. / cum.	SE	10	nim.	SSE	10	cum-nim.	SSE	10	nim.	...	9.9
„ 9,...	10	R-cum.	N	9	sm-cum. / cum.	W / N	9	sm-cum.	WSW	8	sm-cum.	WSW	9.5
„ 10,...	7	sm-cum.	W	0	...	...	0	...	...	0	...	...	4.1
„ 11,...	0	...	...	0	...	...	0	...	...	0	...	...	1.4
„ 12,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 13,...	1	cum.	E	0	...	...	8	cum.	E	7	sm-cum. / cum.	E / E	2.5
„ 14,...	8	c-str. / sm-cum.	E	9	c-str. / sm-cum.	E	8	c-str. / sm-cum.	E	9	c-str. / sm-cum.	E	8.5
„ 15,...	9	sm-cum.	ESE	6	c-str. / c-cum. / sm-cum.	WSW .. / ESE	7	c-str. / sm-cum.	S	10	c-str. / sm-cum.	SE	8.0
„ 16,...	9	sm-cum. / cum.	ENE	5	c-str. / sm-cum.	E	4	c-str. / sm-cum.	WSW / E	5	c-str. / c-cum.	SSW	7.9
„ 17,...	10	sm-cum.	SE	10	sm-cum.	SE	10	sm-cum.	E	10	c-str. / sm-cum.	E	8.9
„ 18,...	2	sm-cum.	E	9	sm-cum.	E	5	c-str. / sm-cum.	E	9	c-str. / sm-cum.	E	7.2
„ 19,...	6	c-str. / c-cum.	SE	6	c-str.	SE	7	c-str.	...	10	c-str. / cum.	E	8.5
„ 20,...	2	sm-cum.	SW	2	c-str.	SSW	1	sm-cum.	...	9	sm-cum. / cum.	E	6.0
„ 21,...	6	c-cum.	SW	2	c-str.	...	0	...	...	0	...	...	5.5
„ 22,...	0	...	...	1	c-str.	...	0	...	...	0	...	...	1.5
„ 23,...	0	...	...	2	sm-cum.	NNE	6	sm-cum.	NNE	9	cum-nim.	...	2.8
„ 24,...	10	cum.	E	10	sm-cum. / cum.	E	10	cum-nim.	...	10	cum-nim.	...	7.8
„ 25,...	8	c-cum. / cum.	W / ENE	9	sm-cum.	W	9	c-str. / sm-cum.	W	4	c-str. / sm-cum.	W	8.7
„ 26,...	10	c-str. / sm-cum.	WSW	10	str-cum.	W	10	str.	...	10	str.	...	10.0
„ 27,...	9	sm-cum.	WSW	10	sm-cum.	WSW	10	str. / cum.	ENE	9	cum.	E	9.5
„ 28,...	10	str-cum.	WSW	10	sm-cum.	WSW	9	str-cum.	W	9	str-cum.	W	9.8
„ 29,...	10	str-cum.	W	10	str-cum.	W	10	str.	...	10	str-cum.	...	10.0
„ 30,...	5	sm-cum.	WSW	9	sm-cum.	WSW	4	sm-cum.	WSW	5	sm-cum.	WSW	7.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.6	...	...	5.7	...	...	5.6	...	...	6.2	...	...	6.3

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF DECEMBER, 1891.

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,...	30.064	30.048	30.042	30.021	30.011	30.024	30.042	30.065	30.075	30.080	30.061	30.027	30.007	30.001	29.991	29.991	30.006	30.006	30.015	30.030	30.038	30.049	30.036	30.030	30.032
„ 2,...	.024	.022	.014	.009	.010	.028	.045	.055	.062	.063	.041	.006	29.967	29.943	.936	.942	29.949	29.962	29.976	29.991	29.993	29.999	29.996	29.999	.001
„ 3,...	29.997	29.990	29.986	29.978	29.985	29.998	.017	.019	.026	.034	.008	29.986	.960	.943	.949	.990	30.033	30.072	30.121	30.108	30.109	30.108	30.124	30.145	.029
„ 4,...	30.156	30.156	30.153	30.169	30.187	30.206	.242	.263	.280	.287	.260	30.232	30.217	30.190	30.186	30.185	.191	.194	.212	.216	.219	.227	.212	.193	.210
„ 5,...	.191	.179	.178	.178	.173	.187	.207	.227	.242	.239	.218	.198	.162	.130	.115	.113	.122	.129	.142	.154	.158	.157	.155	.153	.171
„ 6,...	.139	.129	.116	.114	.114	.142	.158	.165	.180	.186	.160	.143	.116	.087	.066	.057	.062	.070	.098	.101	.106	.108	.112	.104	.118
„ 7,...	.098	.091	.081	.075	.076	.083	.101	.114	.128	.127	.102	.066	.044	.031	.012	.010	.020	.033	.044	.055	.062	.066	.052	.045	.067
„ 8,...	.041	.032	.026	.007	.008	.023	.036	.049	.064	.066	.040	.010	29.982	29.966	29.979	29.977	29.988	.014	.038	.056	.073	.083	.078	.077	.030
„ 9,...	.065	.060	.066	.075	.073	.085	.107	.130	.144	.149	.130	.106	30.064	30.034	30.031	30.056	30.065	.076	.099	.114	.129	.131	.136	.129	.094
„ 10,...	.131	.111	.105	.106	.114	.122	.138	.160	.188	.185	.161	.147	.121	.097	.086	.083	.093	.107	.128	.154	.168	.184	.182	.179	.135
„ 11,...	.178	.166	.154	.151	.160	.184	.201	.218	.234	.226	.200	.161	.123	.089	.076	.081	.103	.120	.133	.144	.156	.159	.153	.150	.155
„ 12,...	.149	.144	.138	.131	.135	.155	.170	.191	.206	.199	.174	.130	.091	.073	.067	.068	.078	.089	.101	.124	.129	.128	.129	.119	.130
„ 13,...	.116	.111	.107	.092	.095	.102	.126	.145	.155	.148	.140	.107	.081	.050	.030	.030	.033	.038	.054	.072	.077	.081	.071	.069	.089
„ 14,...	.058	.045	.035	.028	.017	.032	.050	.067	.077	.082	.069	.039	.010	29.988	29.984	29.982	29.986	29.996	.010	.041	.053	.059	.064	.066	.035
„ 15,...	.059	.055	.057	.042	.047	.057	.074	.091	.103	.103	.086	.053	.022	.999	.988	.994	.999	.997	.008	.023	.047	.052	.053	.057	.044
„ 16,...	.045	.045	.040	.030	.035	.040	.058	.082	.094	.108	.096	.069	.045	30.017	30.011	30.009	30.007	30.022	.041	.060	.079	.088	.087	.082	.054
„ 17,...	.077	.067	.058	.041	.043	.057	.083	.103	.120	.142	.131	.115	.090	.067	.054	.058	.065	.083	.091	.099	.119	.126	.121	.109	.088
„ 18,...	.099	.089	.084	.083	.091	.103	.122	.131	.154	.158	.147	.128	.091	.066	.060	.055	.060	.070	.080	.090	.096	.094	.093	.090	.097
„ 19,...	.089	.081	.066	.054	.062	.077	.088	.104	.120	.119	.109	.086	.058	.027	.027	.023	.028	.047	.053	.067	.065	.069	.076	.071	.069
„ 20,...	.072	.066	.064	.069	.074	.082	.094	.117	.128	.124	.112	.091	.055	.031	.035	.032	.046	.060	.078	.100	.109	.122	.121	.104	.083
„ 21,...	.114	.109	.102	.100	.105	.117	.144	.173	.189	.189	.186	.159	.113	.091	.087	.081	.105	.113	.134	.153	.163	.165	.169	.153	.134
„ 22,...	.143	.131	.134	.129	.127	.131	.150	.163	.171	.177	.160	.128	.093	.066	.058	.055	.081	.109	.136	.149	.154	.157	.156	.162	.130
„ 23,...	.160	.162	.160	.167	.180	.189	.212	.237	.269	.272	.268	.245	.212	.202	.191	.196	.215	.236	.255	.281	.286	.277	.282	.286	.227
„ 24,...	.268	.270	.258	.266	.275	.285	.303	.324	.332	.345	.339	.306	.277	.258	.246	.236	.236	.249	.271	.286	.292	.301	.300	.298	.284
„ 25,...	.301	.290	.286	.280	.291	.305	.317	.336	.352	.352	.336	.290	.254	.236	.220	.230	.238	.254	.269	.282	.294	.308	.309	.297	.289
„ 26,...	.278	.268	.242	.252	.250	.261	.281	.308	.318	.307	.286	.252	.228	.213	.198	.207	.192	.202	.215	.221	.226	.221	.210	.216	.244
„ 27,...	.223	.218	.220	.218	.226	.245	.259	.263	.286	.286	.251	.214	.198	.176	162	.184	.187	.182	.199	.208	.218	.204	.216	.206	.219
„ 28,...	.188	.178	.177	.162	.163	.170	.190	.206	.220	.210	.188	.160	.121	.103	.078	.074	.074	.085	.097	.107	.110	.096	.088	.085	.139
„ 29,...	.068	.052	.030	.004	.002	.002	.009	.012	.018	.011	29.987	29.953	29.913	29.888	29.870	29.864	29.860	29.870	29.885	29.897	29.900	29.901	29.910	29.917	29.951
„ 30,...	29.919	29.910	29.888	29.850	29.869	29.877	29.894	29.924	29.950	29.947	.959	.942	.907	.905	.892	.902	.918	.925	.938	.958	.972	.983	.985	.992	.925
„ 31,...	.998	.994	.987	.984	.985	.988	.998	30.021	30.040	30.035	30.024	30.005	.985	.950	.936	.938	.960	.972	.971	.990	.997	30.007	.992	30.001	.990
Means,.....	30.113	30.105	30.099	30.092	30.096	30.108	30.126	30.144	30.159	30.160	30.143	30.115	30.084	30.062	30.052	30.055	30.065	30.077	30.093	30.107	30.116	30.120	30.118	30.116	30.105

TABLE II.

TEMPERATURE FOR THE MONTH OF DECEMBER, 1891.

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,	66.5	66.2	66.3	66.1	66.2	66.2	65.5	66.8	67.0	68.4	70.8	70.6	68.7	67.9	67.8	66.9	66.9	66.8	66.6	66.9	66.8	66.8	66.9	67.0	67.2	71.6	65.5
„ 2,	66.9	67.1	66.9	66.7	67.4	67.5	67.9	68.8	69.6	70.1	70.8	71.9	71.8	70.5	70.0	70.1	69.8	69.9	69.6	68.8	69.8	69.0	68.8	68.6	69.1	72.6	66.7
„ 3,	67.3	67.4	67.5	68.7	69.3	69.6	69.8	70.8	73.9	76.6	75.9	77.8	77.2	77.0	72.8	66.5	64.8	62.9	60.8	58.8	57.6	57.8	57.5	55.9	67.7	79.3	55.2
„ 4,	55.1	54.5	54.2	54.3	54.4	54.4	53.1	54.0	55.7	55.9	57.3	57.7	60.2	60.1	58.7	57.8	55.8	53.8	52.8	51.9	52.6	50.9	50.5	50.1	54.8	61.7	50.1
„ 5,	49.9	50.0	49.9	50.2	51.0	51.0	52.0	53.8	54.9	58.4	58.8	57.9	58.7	61.0	60.0	59.8	59.1	59.2	60.1	60.3	60.3	60.3	60.0	59.7	56.5	62.4	49.9
„ 6,	59.7	59.7	59.8	59.7	59.6	59.6	60.5	60.9	62.0	64.0	65.0	65.9	66.0	66.0	65.0	64.8	63.9	64.3	64.7	64.8	64.9	65.0	65.4	65.2	63.2	68.4	58.7
„ 7,	65.1	65.1	65.1	65.2	65.3	65.4	66.7	67.8	70.2	71.4	73.6	73.8	73.1	72.7	72.7	71.1	71.0	70.6	69.8	69.8	68.9	68.0	68.3	67.9	69.1	75.5	64.0
„ 8,	68.5	68.5	67.9	67.6	67.8	68.1	68.8	70.9	75.0	76.3	77.8	77.8	77.8	80.8	75.8	72.7	73.8	70.8	71.9	69.8	68.8	66.8	65.9	64.8	71.4	81.9	64.8
„ 9,	63.8	63.5	62.0	61.6	61.5	61.5	62.0	62.0	64.8	63.9	64.0	63.8	63.6	63.3	62.9	63.8	62.9	62.9	62.9	62.9	63.0	63.3	63.0	62.9	63.0	64.8	59.7
„ 10,	62.9	62.6	62.0	62.1	62.1	62.1	61.8	61.9	62.6	63.5	63.8	64.8	63.8	63.8	63.5	63.0	62.8	62.8	62.8	62.8	63.7	63.8	63.6	63.2	63.0	64.8	61.5
„ 11,	61.7	61.5	59.7	59.3	59.1	59.0	57.9	57.9	59.0	59.9	61.8	62.8	63.4	64.8	64.8	64.8	63.0	63.8	63.8	63.4	63.6	63.6	63.8	63.6	61.9	67.5	57.2
„ 12,	63.6	63.6	63.1	62.9	62.9	62.8	62.7	63.9	67.9	66.9	69.8	70.1	70.0	68.0	68.1	67.4	66.6	64.6	63.3	62.9	62.8	61.8	61.0	61.7	64.9	72.5	61.0
„ 13,	61.3	61.3	61.2	61.0	60.7	60.9	62.7	64.7	65.8	66.4	67.6	67.8	66.1	66.1	64.8	64.9	64.8	63.9	63.5	62.9	62.8	63.8	63.8	63.1	63.8	68.1	59.1
„ 14,	63.2	63.7	63.7	63.6	63.5	63.3	62.8	64.8	66.2	67.8	67.4	69.5	68.4	67.1	66.8	65.9	64.9	64.2	63.8	63.8	63.3	62.9	64.2	64.9	65.0	69.5	62.0
„ 15,	65.0	65.1	65.1	65.1	65.1	65.6	65.8	66.8	69.8	71.0	71.8	71.1	70.9	70.6	69.3	68.8	66.8	66.8	66.9	66.8	66.8	66.9	66.7	66.4	67.5	74.6	64.9
„ 16,	66.1	66.0	65.8	65.1	65.0	64.9	64.8	65.8	66.8	67.7	67.8	67.3	65.7	65.8	65.6	65.6	64.8	63.9	63.9	63.9	64.6	64.0	64.4	64.3	65.4	68.1	63.7
„ 17,	64.3	64.3	63.4	63.2	62.4	62.4	61.8	62.1	62.8	63.7	63.4	64.0	64.8	64.3	64.8	64.8	63.5	62.9	62.8	62.8	63.9	63.9	64.5	64.4	63.5	65.7	61.5
„ 18,	64.2	64.2	64.1	63.6	63.4	63.3	63.1	63.8	64.8	66.9	65.8	66.6	66.7	66.1	66.0	65.2	63.8	63.8	63.9	64.8	64.8	64.9	65.1	65.1	64.8	68.0	62.5
„ 19,	64.9	64.8	64.8	64.7	64.6	64.3	63.9	66.8	68.7	69.7	71.2	72.2	72.4	72.8	70.1	70.1	68.3	66.1	65.9	65.8	65.9	65.7	65.8	65.9	67.3	73.2	63.6
„ 20,	66.1	65.9	66.3	66.0	66.0	66.1	66.8	67.9	69.4	71.5	73.6	73.8	75.8	75.8	72.8	70.9	67.8	66.8	66.8	66.8	66.8	67.6	67.4	66.5	68.8	78.2	64.7
„ 21,	66.5	65.1	64.8	64.7	63 8	63.5	63.2	63.8	64.1	65.2	67.8	69.8	68.8	67.0	66.8	65.8	64.8	64.3	64.0	65.6	64.8	62.9	62.6	61.8	65.1	71.7	61.8
„ 22,	59.9	58.7	56.9	55.6	54.8	54.6	55.8	56.4	56.8	62.6	63.2	62.8	63.6	66.0	65.4	63.8	60.9	59.8	59.8	59 8	58.8	57.8	57.6	57.5	59.5	67.9	53.2
„ 23,	56.8	56.0	55.4	55.0	55.0	54.7	54.3	57.3	59.9	61.7	62.6	63.0	63.0	62.6	62.3	63.8	61.8	59.6	59.8	58.9	58.8	58.8	57.3	56.2	58.9	64.3	53.3
„ 24,	55.7	54.9	54.6	53.8	53.1	52.9	52.8	54.9	57.8	58.7	60.6	61.7	63.7	63.8	63.7	62.9	61.6	58.8	58.8	58.8	58.8	56.9	55.9	55.5	57.9	65.7	50.9
„ 25,	55.2	54.3	53.4	52.5	51.7	51.4	50.7	54.5	56.9	59.4	60.2	60.4	60.8	60.6	60.3	59.6	58.8	58.0	57.8	57.8	57.5	55.8	55.9	56.6	56.7	61.7	49.2
„ 26,	56.9	56.9	56.9	56.6	56.0	56.1	56.7	58.7	60.0	63.0	64.2	63.5	62.1	61.1	61.6	62.3	61.8	61.0	61.6	61.8	61.8	61.8	61.7	61.6	60.2	66.6	55.2
„ 27,	61.6	61.5	61.0	60.9	60.8	60.8	60.7	61.8	62.7	64.6	66.3	66.5	65.9	65.8	66.1	60.9	59.9	61.9	61.9	60.9	61.9	61.8	61.8	60.9	62.5	67.7	59.5
„ 28,	60.7	60.4	59.9	59.7	59.4	59.5	58.8	59.8	61.8	64.3	66.7	66.4	66.8	67.0	66.8	67.1	66.8	65.8	65.8	64.7	64.6	63.9	63.5	63.3	63.5	67.8	58.2
„ 29,	63.2	63.3	63.4	63.4	63.7	63.8	63.8	64.8	65.8	66.7	65.8	66.0	65.0	65.0	64.9	65.7	63.8	63.3	63.6	63.9	63.8	63.8	63.8	63.3	64.3	66.7	62.8
„ 30,	61.7	61.8	61.9	62.1	62.3	62.6	62.5	62.8	63.5	64.3	64.3	64.8	66.4	66.5	65.9	65.9	65.1	64.4	63.8	63.7	62.9	62.8	62.9	62.8	63.7	67.6	61.2
„ 31,	62.6	62.2	61.2	60.9	60.7	60.4	61.6	64.8	64.8	66.8	68.5	70.6	71.0	70.0	69.8	68.9	67.6	66.0	66.8	66.8	66.8	64.9	63.5	63.3	65.4	72.7	57.7
Means,	62.2	61.9	61.6	61.4	61.2	61.2	61.3	62.6	64.2	65.7	66.7	67.2	67.2	67.1	66.3	65.5	64.5	63.7	63.6	63.3	63.3	62.8	62.7	62.4	63.7	69.3	59.3

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF DECEMBER, 1891.

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, .	60.6	60.7	60.9	60.3	60.1	60.7	60.9	61.9	62.6	62.9	63.7	64.4	63.1	61.9	62.2	63.7	63.8	63.7	63.8	63.8	63.7	63.8	63.5	63.7	62.5	121.3
„ 2,...	63.8	63.8	64.0	63.9	63.6	63.8	63.9	63.9	64.9	65.8	65.5	66.2	67.0	65.7	66.1	65.9	66.5	66.7	65.7	65.8	66.4	66.4	66.6	66.5	65.3	116.2
„ 3,...	66.3	66.3	66.4	66.4	66.4	66.6	66.9	67.9	68.5	69.5	68.3	68.3	68.8	68.1	70.1	64.0	60.7	57.0	53.7	50.7	48.9	47.7	47.1	46.0	62.1	138.1
„ 4,...	43.9	43.1	42.9	41.9	41.9	41.9	41.5	42.5	43.8	43.9	44.9	45.0	47.1	47.1	45.0	44.1	44.0	42.4	41.9	41.6	41.0	40.9	40.9	41.1	43.1	118.1
„ 5,...	41.9	42.4	42.7	43.5	44.0	44.4	45.8	46.9	47.9	49.7	50.7	51.1	52.1	53.1	52.2	53.7	52.9	53.4	54.4	54.2	54.3	54.2	54.9	53.9	49.8	125.5
„ 6,...	53.8	53.8	53.7	53.7	53.5	53.3	53.8	54.8	55.0	56.3	56.9	58.5	58.3	58.5	58.5	59.0	59.0	59.0	59.7	60.0	60.9	61.1	61.5	60.9	57.2	130.2
„ 7,...	60.8	60.9	60.8	60.8	60.8	61.0	61.9	61.9	62.9	64.9	65.1	65.9	65.9	65.8	65.9	65.7	65.8	64.9	65.0	64.9	64.9	64.9	65.3	65.4	63.8	133.0
„ 8,...	64.8	64.8	64.7	64.7	64.8	64.7	65.0	66.0	67.0	66.2	66.6	66.4	66.3	67.9	66.9	66.0	65.0	65.1	62.0	60.5	59.7	58.9	58.9	58.1	64.2	140.4
„ 9,...	57.8	57.6	57.1	56.0	55.4	55.3	56.9	56.0	57.7	57.0	58.1	58.0	58.2	58.2	58.2	59.0	58.7	59.0	58.7	58.4	58.1	58.9	58.7	58.7	57.7	117.9
„ 10,...	58.6	58.1	58.0	58.0	58.0	58.0	57.8	57.8	57.8	58.5	57.9	58.8	57.9	57.9	57.9	57.3	56.9	56.9	57.0	58.0	58.1	58.0	58.6	57.8	57.9	105.3
„ 11,...	57.5	56.8	56.6	56.2	55.7	55.9	55.9	55.9	57.0	57.9	58.9	59.9	59.8	59.8	59.9	60.1	55.9	60.7	60.7	60.0	60.0	60.0	60.3	59.8	58.5	113.9
„ 12,...	59.2	59.6	59.5	59.7	59.1	57.3	56.8	56.9	59.9	59.8	59.4	60.9	61.3	60.1	61.4	61.3	60.6	58.9	58.0	58.9	59.3	58.9	58.0	57.9	59.3	124.4
„ 13,...	58.0	58.0	57.9	58.1	58.0	58.2	58.9	59.9	60.5	59.3	59.7	60.7	56.5	56.3	55.9	55.8	55.9	55.0	55.9	55.8	56.0	56.9	57.1	57.5	57.6	120.4
„ 14,...	58.0	59.0	58.7	58.8	58.7	58.3	57.9	59.7	61.2	58.8	60.2	59.6	58.6	59.0	58.7	57.9	58.4	58.8	58.9	59.1	59.7	59.9	60.6	60.7	59.1	123.5
„ 15,...	60.2	58.9	58.3	58.2	58.0	57.7	57.9	59.9	61.7	61.4	61.9	61.2	62.0	62.4	61.9	62.4	60.4	60.9	60.0	61.0	60.4	61.0	62.1	62.4	60.5	126.7
„ 16,...	62.7	62.6	62.5	62.0	61.8	61.8	61.8	61.7	61.7	62.1	62.2	61.1	60.5	61.2	60.9	61.1	60.9	61.0	60.9	60.9	60.9	61.0	60.9	60.7	61.5	121.9
„ 17,...	60.3	60.0	59.7	58.7	58.5	58.4	57.9	57.9	58.2	59.0	58.6	58.3	58.7	58.6	59.7	59.6	58.9	59.0	59.0	59.9	60.7	60.9	61.2	60.7	59.3	116.6
„ 18,...	60.8	60.5	60.1	60.1	60.1	60.0	60.4	60.2	59.0	61.1	61.2	61.1	60.9	60.9	61.0	60.5	60.2	60.1	60.9	61.9	61.7	62.0	62.3	62.0	60.8	129.7
„ 19,...	61.9	61.8	61.8	61.2	61.0	60.8	60.9	63.7	63.7	63.6	64.7	64.2	64.7	65.0	66.2	64.7	63.9	63.4	62.9	62.8	62.8	62.8	62.8	63.5	63.1	135.3
„ 20,...	63.8	63.7	64.1	64.3	64.5	64.3	63.9	64.0	65.0	65.7	66.2	66.6	67.9	67.9	67.2	66.9	65.0	64.9	65.0	65.0	64.9	63.9	63.7	63.8	65.1	131.5
„ 21,...	64.2	59.7	58.9	59.1	58.4	58.4	57.9	56.9	57.8	57.8	59.1	60.3	60.2	59.9	59.9	59.9	59.9	59.9	58.9	57.1	56.0	53.9	54.6	54.9	58.5	129.6
„ 22,...	52.4	51.5	50.8	49.5	48.9	47.4	47.9	48.9	48.9	52.3	52.7	53.7	54.1	54.9	54.1	52.9	51.0	50.0	49.9	49.9	49.9	49.7	49.9	50.3	50.9	120.5
„ 23,...	49.7	49.6	48.7	47.7	47.6	47.0	46.9	48.7	49.9	51.4	52.1	52.1	52.0	52.7	52.3	51.7	50.9	51.9	51.9	51.9	51.4	52.5	47.3	46.6	50.2	119.3
„ 24,...	46.9	46.9	46.9	47.4	46.9	46.2	44.6	45.2	46.9	47.1	48.2	48.9	50.1	50.0	49.9	49.9	48.7	47.9	47.0	47.7	47.0	46.9	47.4	46.5	47.5	121.0
„ 25,...	45.9	45.9	45.4	44.9	44.9	44.9	44.8	47.8	47.8	48.0	48.6	49.8	50.8	50.7	51.6	51.6	51.5	51.4	51.0	51.9	52.0	51.9	52.7	52.8	49.1	118.3
„ 26,...	53.0	52.8	52.4	52.2	51.6	51.6	51.4	51.9	52.7	53.9	53.9	54.7	53.6	53.3	53.6	54.9	55.9	56.7	57.0	57.9	57.9	58.0	57.6	57.7	54.4	126.2
„ 27,...	57.7	57.5	57.8	58.0	57.9	57.9	57.8	52.7	53.7	53.7	53.7	54.2	54.3	54.8	55.6	56.9	56.0	56.0	57.0	56.9	56.9	57.0	57.1	57.9	56.2	96.0
„ 28,...	58.3	58.3	58.0	58.3	57.6	58.3	57.9	58.9	59.9	60.6	61.9	60.6	60.5	61.1	60.8	61.9	61.9	61.6	61.4	61.5	61.9	61.9	62.0	61.7	60.3	103.8
„ 29,...	61.8	61.8	61.7	61.7	61.8	61.9	61.9	61.9	61.9	62.1	61.9	61.7	61.4	61.9	62.0	62.3	62.2	62.9	63.0	63.4	63.4	63.0	63.1	62.6	62.2	94.1
„ 30,...	61.2	61.2	61.3	61.4	61.7	61.8	61.9	62.1	62.5	63.4	63.1	63.7	64.1	63.7	63.7	63.5	63.3	62.9	62.9	62.9	62.1	61.9	62.0	62.2	62.5	95.3
„ 31,...	61.4	60.5	60.2	60.2	59.9	59.7	60.4	61.9	61.9	62.4	63.6	63.0	63.3	61.9	60.3	59.8	59.7	60.0	60.0	59.9	59.9	60.9	60.9	60.0	60.9	125.3
Means,.....	57.7	57.4	57.2	57.0	56.8	56.7	56.8	57.3	58.1	58.6	59.0	59.3	59.4	59.4	59.3	59.2	58.7	58.5	58.2	58.2	58.1	58.1	58.1	57.9	58.1	120.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF DECEMBER, 1891.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1891.		
1 a	74	0.425	Dec. 1,.....	76	0.505
2 „	73	.420	„ 2,.....	81	.574
3 „	73	.418	„ 3,.....	72	.485
4 „	73	.414	„ 4,.....	29	.126
5 „	73	.411	„ 5,.....	59	.271
6 „	73	.408	„ 6,.....	67	.390
7 „	73	.410	„ 7,.....	74	.523
8 „	69	.408	„ 8,.....	65	.505
9 „	67	.410	„ 9,.....	71	.408
10 „	63	.406	„ 10,.....	72	.414
11 „	60	.405	„ 11,.....	80	.447
Noon.	59	.408	„ 12,.....	70	.432
1 p	60	.411	„ 13,.....	67	.394
2 „	60	.412	„ 14,.....	68	.424
3 „	63	.419	„ 15,.....	64	.435
4 „	66	.427	„ 16,.....	78	.496
5 „	68	.425	„ 17,.....	77	.451
6 „	70	.430	„ 18,.....	78	.481
7 „	69	.422	„ 19,.....	78	.523
8 „	71	.425	„ 20,.....	81	.571
9 „	70	.422	„ 21,.....	65	.405
10 „	73	.429	„ 22,.....	51	.260
11 „	74	.430	„ 23,.....	49	.250
Midt.	74	.428	„ 24,.....	39	.192
			„ 25,.....	54	.250
			„ 26,.....	66	.348
			„ 27,.....	65	.370
			„ 28,.....	82	.482
			„ 29,.....	89	.533
			„ 30,.....	93	.551
			„ 31,.....	76	.476
Means,.....	69	0.418	Means.	69	0.418

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.
1891.														
Dec. 1,.....	...	...	...	...	...	0.6	0.1	...	...	...	...	...	...	0.7
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	0.9	1.0	1.0	1.0	0.1	0.5	...	...	...	...	4.5
„ 4,.....	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.0
„ 5,.....	...	...	0.8	1.0	1.0	1.0	...	...	0.7	0.9	0.1	0.1	...	5.6
„ 6,.....	...	...	0.1	...	...	...	...	0.5	0.5	...	...	...	...	1.1
„ 7,.....	...	...	...	0.1	...	0.6	1.0	1.0	1.0	0.9	1.0	0.6	...	6.2
„ 8,.....	...	0.3	0.8	1.0	0.8	0.1	0.6	1.0	0.8	0.9	...	...	...	6.3
„ 9,.....	...	...	...	0.3	...	...	...	...	0.9	0.3	...	...	...	1.5
„ 10,.....	...	...	...	...	...	0.1	0.1	...	...	...	...	...	...	0.2
„ 11,.....	...	...	...	...	...	...	...	...	0.5	...	0.4	...	...	0.9
„ 12,.....	...	...	0.2	0.8	1.0	1.0	1.0	0.6	0.6	1.0	1.0	...	...	7.2
„ 13,.....	...	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.3	...	9.1
„ 14,.....	...	...	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.7
„ 15,.....	...	...	...	0.1	0.5	1.0	1.0	1.0	0.9	1.0	1.0	...	...	6.5
„ 16,.....	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	8.6
„ 17,.....	...	...	0.1	...	...	...	...	...	0.5	0.9	1.0	0.2	...	2.7
„ 18,.....	...	...	...	...	0.7	0.4	1.0	1.0	1.0	1.0	1.0	0.2	...	6.3
„ 19,.....	...	0.2	1.0	1.0	1.0	0.8	0.7	0.1	0.8	0.1	1.0	0.3	...	7.0
„ 20,.....	...	...	...	...	...	0.1	0.1	0.5	1.0	1.0	0.6	...	...	3.3
„ 21,.....	...	...	...	...	...	0.3	1.0	1.0	1.0	1.0	0.5	...	...	4.8
„ 22,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
„ 23,.....	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.2
„ 24,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 25,.....	...	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.4
„ 26,.....	...	...	0.8	0.8	0.6	1.0	1.0	0.5	...	...	0.1	...	...	4.8
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	0.1	0.1	...	...	0.1	...	...	...	...	...	...	0.3
„ 30,.....	...	...	...	...	...	...	...	...	...	0.1	...	...	...	0.1
„ 31,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	9.1
Sums,.....	...	1.7	10.3	15.0	15.6	17.0	17.7	16.3	19.7	18.0	16.6	3.7	...	151.6

TABLE VI.

RAINFALL FOR THE MONTH OF DECEMBER, 1891.

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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.005	3	0.10
„ 3,	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...	...	...	...	...	...	...	...	...	0.030	4	0.15
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	0.10
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	0.005	...	...	0.005	...	...	...	...	...	...	...	0.005	0.045	0.055	...	0.015	...	...	...	...	0.030	0.160	12	0.30
„ 28,	0.010	0.030	0.060	...	...	0.020	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.125	4	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.070	0.045	0.020	0.020	0.105	0.420	0.705	10	1.30
„ 30,	0.415	0.025	0.060	0.400	0.010	...	0.005	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	0.925	9	...
„ 31,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...
Sums,	0.430	0.055	0.125	0.405	0.010	0.025	0.015	...	...	0.005	0.005	...	...	...	0.005	0.065	0.055	0.025	0.085	0.045	0.020	0.025	0.105	0.450	1.955	49	1.95

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, 1891.

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,	8	5	10	5	10	2	9	9	7	6	8	4	5	3	6	10	5	13	5	10	7	12	9	14	9	23	8	21	7	23	7	19	6	20	7	21	7	20	7	21	7	21	7	23	7	24	7	26	355	14.8	7
" 2,	7	16	7	12	9	13	7	14	8	15	7	12	9	12	8	10	7	12	7	12	7	18	7	18	7	20	7	23	8	19	8	19	7	16	8	17	7	18	7	15	7	20	7	20	8	19	8	19	389	16.2	7
" 3,	8	18	8	14	8	17	8	20	10	14	10	4	..	0	10	5	9	12	10	10	9	16	9	15	11	14	9	8	23	19	20	12	18	8	5	8	32	24	32	55	32	59	32	60	1	50	1	56	518	21.6	3
" 4,	1	63	2	56	2	49	4	27	3	20	4	9	3	15	32	24	31	27	32	31	32	33	32	29	32	22	1	20	1	21	32	18	32	13	32	15	32	12	1	18	1	22	1	15	32	12	32	8	579	24.1	1
" 5,	32	5	32	10	1	9	2	7	3	8	4	6	3	8	2	12	6	15	4	19	5	18	7	17	6	16	5	13	4	16	7	20	6	20	6	16	6	19	6	19	5	19	6	18	5	19	6	17	346	14.4	5
" 6,	6	22	6	19	7	17	5	14	6	14	5	13	6	14	7	14	9	13	8	9	8	13	10	11	9	13	10	16	9	18	9	13	9	18	8	14	8	12	7	15	7	18	7	19	6	18	5	16	363	15.1	7
" 7,	7	17	7	18	7	17	7	12	9	11	10	8	10	2	9	5	6	11	5	13	6	11	7	14	8	17	9	17	8	18	8	18	7	11	7	7	7	4	10	4	...	1	21	7	22	3	19	2	248	10.3	8
" 8,	21	5	23	6	25	7	22	3	20	2	20	3	22	3	22	4	32	12	1	13	1	14	1	13	1	12	30	11	22	10	22	9	31	7	22	5	1	9	2	15	2	22	1	10	1	7	32	10	212	8.8	31
" 9,	2	8	32	11	1	7	2	11	2	6	2	7	4	8	1	5	8	13	6	18	6	17	6	17	6	22	7	23	5	23	7	18	7	21	7	21	6	17	7	18	7	18	7	23	7	22	7	21	375	15.6	6
" 10,	7	19	7	22	7	21	7	20	7	19	7	21	7	21	7	18	6	16	7	15	9	15	8	16	9	16	8	15	9	15	8	13	8	15	8	14	7	10	6	9	7	10	7	11	6	12	5	13	376	15.7	7
" 11,	6	15	7	16	4	15	5	15	2	10	4	7	6	12	7	9	6	6	6	3	10	2	16	3	13	3	11	3	10	6	11	6	8	3	...	0	8	2	8	5	8	4	8	4	8	3	8	5	157	6.5	7
" 12,	9	6	7	4	5	2	...	1	...	1	32	5	2	4	1	3	3	3	8	4	8	6	13	5	11	4	9	10	9	6	29	4	...	1	14	3	4	3	...	1	8	3	13	3	11	3	11	4	89	3.7	8
" 13,	...	0	...	1	...	1	...	0	...	0	...	1	9	3	10	5	9	13	8	16	10	19	9	17	9	19	10	20	9	21	9	18	9	16	8	12	8	7	8	6	7	6	7	9	6	10	5	9	229	9.5	9
" 14,	6	10	7	12	7	12	7	12	7	14	6	13	7	8	7	8	10	13	9	15	10	14	9	15	9	16	8	18	9	17	8	19	9	16	9	14	9	11	9	11	9	6	12	6	11	6	8	8	294	12.2	8
" 15,	9	12	9	10	8	10	9	8	9	5	9	5	8	4	9	6	9	8	10	12	10	10	9	15	9	17	8	12	8	13	8	11	8	14	9	16	9	18	8	14	7	14	7	21	7	25	7	26	306	12.8	8
" 16,	7	31	7	28	6	27	7	26	7	28	7	30	7	31	7	34	7	30	7	26	7	25	7	26	9	32	9	27	7	24	8	22	8	22	8	22	7	22	7	23	7	22	7	25	6	26	7	31	640	26.7	7
" 17,	7	28	7	26	7	26	7	26	7	24	7	21	6	17	7	18	8	15	9	16	9	18	6	13	7	15	9	15	10	12	11	10	10	10	9	13	7	13	8	11	7	12	8	14	9	15	8	12	400	16.7	8
" 18,	7	11	7	13	7	13	6	11	7	8	7	6	7	7	5	3	6	10	9	10	10	18	10	16	10	14	9	18	10	16	10	17	10	19	7	15	8	16	8	20	7	23	7	22	7	22	7	24	352	14.7	8
" 19,	7	27	7	26	7	28	7	27	7	26	7	21	7	17	7	12	8	8	11	9	11	6	10	2	10	7	8	12	9	6	9	4	9	6	26	3	7	5	7	7	9	12	7	14	8	10	9	7	302	12.6	8
" 20,	9	3	...	0	...	0	...	1	5	2	31	2	25	4	23	3	24	6	23	4	23	5	23	7	24	6	23	8	8	4	9	8	8	14	8	19	9	14	8	19	5	13	7	17	8	20	8	21	200	8.3	8
" 21,	6	8	32	13	1	12	31	7	1	13	1	7	1	4	2	12	32	9	2	12	1	9	10	8	8	16	10	17	9	15	9	14	9	8	9	6	32	4	32	5	32	10	32	11	2	6	5	7	233	9.7	4
" 22,	32	10	32	9	31	10	32	13	3	12	2	18	1	21	32	21	32	21	32	17	2	7	10	6	4	5	11	4	6	8	32	12	1	9	1	9	32	8	1	13	1	10	1	5	25	2	25	3	253	10.5	1
" 23,	1	10	2	6	2	13	1	18	3	9	1	12	1	14	2	11	1	7	6	13	7	14	6	13	8	13	10	13	10	11	14	12	32	9	9	7	6	7	7	6	5	6	4	11	1	19	32	21	275	11.5	3
" 24,	32	22	32	24	32	28	32	24	32	26	1	25	1	23	1	17	6	20	4	18	4	17	6	11	32	13	32	10	32	12	32	12	1	9	2	5	2	4	3	8	4	5	2	5	2	3	2	8	349	14.5	1
" 25,	1	13	32	17	32	16	32	14	1	11	1	12	1	9	32	6	6	13	6	11	7	16	7	15	9	16	10	15	10	17	10	17	9	15	7	13	6	12	6	9	5	7	5	4	...	1	5	9	288	12.0	5
" 26,	6	11	5	13	4	9	6	12	4	12	4	15	5	14	6	12	4	14	4	8	6	13	10	17	10	20	10	20	8	18	8	15	6	16	6	14	6	10	7	11	7	12	7	19	7	16	6	12	333	13.9	7
" 27,	6	6	6	8	8	8	6	9	4	6	7	8	4	4	3	6	32	7	32	11	2	17	32	19	4	10	2	8	4	4	32	6	6	2	8	7	5	7	11	10	8	11	6	15	6	11	9	6	206	8.6	5
" 28,	9	6	8	2	28	2	30	2	26	3	23	3	...	1	...	1	...	1	...	1	27	5	7	13	5	15	4	11	6	7	...	1	29	3	17	2	10	5	9	14	10	12	9	15	9	12	8	8	145	6.0	7
" 29,	7	9	7	13	7	15	8	20	8	15	8	14	8	15	8	17	7	21	7	21	7	24	7	26	7	24	7	22	7	18	7	19	7	23	7	22	8	23	7	22	8	23	8	21	8	15	26	14	456	19.0	7
" 30,	27	19	27	5	18	2	4	5	16	6	6	3	32	3	...	1	...	1	...	1	28	2	26	2	26	3	23	5	24	6	24	5	25	3	26	6	8	11	9	11	9	9	9	5	9	11	6	7	132	5.5	3
" 31,	4	2	...	1	...	1	...	1	...	1	...	0	8	3	9	9	9	13	10	8	10	7	11	4	8	7	8	14	7	18	8	24	7	18	7	24	7	27	7	34	7	38	7	43	7	45	7	45	387	16.1	7
Sums,	...	437	...	420	...	409	...	389	...	347	...	315	...	304	...	321	...	383	...	386	...	421	...	417	...	450	...	449	...	441	...	415	...	3 5	...	370	...	374	...	449	...	468	...	495	...	467	...	475	9787	407.8	...
Means,	...	14.1	...	13.5	...	13.2	...	12.5	...	11.2	...	10.2	...	9.8	...	10.4	...	12.4	...	12.5	...	13.6	...	13.5	...	14.5	...	14.5	...	14.2	...	13.4	...	12.4	...	11.9	...	12.1	...	14.5	...	15.1	...	16.0	...	15.1	...	15.3	315.7	13.2	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR DECEMBER, 1891.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	6.40	9.41	0.26	0.65	+6.14	+8.76	E 35° N
2 „	6.37	8.97	0.16	0.32	6.21	8.65	E 36° N
3 „	6.35	8.72	0.18	0.35	6.17	8.37	E 36° N
4 „	5.51	8.98	0.16	0.16	5.35	8.82	E 31° N
5 „	4.86	7.96	0.48	0.13	4.38	7.83	E 29° N
6 „	4.76	7.23	0.27	0.16	4.49	7.07	E 32° N
7 „	4.83	6.89	0.16	0.23	4.67	6.66	E 35° N
8 „	4.74	6.88	0.34	0.23	4.40	6.65	E 34° N
9 „	4.80	8.93	0.53	0.35	4.27	8.58	E 26° N
10 „	5.13	8.97	0.84	0.13	4.29	8.84	E 26° N
11 „	4.56	10.51	1.31	0.32	3.25	10.19	E 18° N
Noon.	3.47	10.77	1.53	0.29	1.94	10.48	E 11° N
1 p.	2.98	12.16	1.85	0.29	1.13	11.87	E 5° N
2 „	2.42	12.23	2.10	0.55	0.32	11.68	E 2° N
3 „	2.66	11.61	1.61	1.10	1.05	10.51	E 6° N
4 „	2.53	10.35	1.45	0.74	1.08	9.61	E 6° N
5 „	2.92	10.34	1.08	0.29	1.84	10.05	E 10° N
6 „	2.27	10.45	0.56	0.43	1.71	10.02	E 10° N
7 „	3.73	9.96	0.34	0.00	3.39	9.96	E 19° N
8 „	5.10	11.10	0.47	0.00	4.63	11.10	E 23° N
9 „	6.13	11.21	0.32	0.00	5.81	11.21	E 27° N
10 „	5.84	12.24	0.47	0.19	5.37	12.05	E 24° N
11 „	5.37	11.92	0.42	0.16	4.95	11.76	E 23° N
Midt.	5.98	11.31	0.19	0.55	5.79	10.76	E 28° N
Means, ...	4.57	9.96	0.71	0.32	+3.86	+9.64	E 22° 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.
1891.														
Dec. 1	28.27	28.25	28.25	61	60	58	62	58	E	4	E	6	E	6
„ 2	.31	.21	.19	61	62	62	64	58	E	5	E	5	E	6
„ 3	.28	.23	.24	70	64	59	70	58	ESE	3	N	6	N	7
„ 4	.42	.36	.37	49	51	47	60	45	NNE	6	NE	5	NE	5
„ 5	.40	.32	.31	50	52	51	53	45	ENE	5	NE	4	E	5
„ 6	.39	.29	.31	54	58	56	59	51	E	3	E	4	ENE	5
„ 7	.36	.29	.30	61	65	64	65	56	E	5	E	4	E	4
„ 8	.32	.27	.30	68	67	65	70	63	NE	4	NE	4	NE	4
„ 9	.36	.27	.26	58	58	56	65	56	E	5	E	5	E	5
„ 10	.39	.31	.32	56	57	56	57	52	E	5	E	4	E	4
„ 11	.41	.32	.33	55	58	56	59	54	NE	3	NE	2	NE	3
„ 12	.38	.31	.32	59	60	58	63	56	E	4	S	3	E	3
„ 13	.36	.28	.30	60	60	56	62	56	E	3	E	2	E	4
„ 14	.30	.26	.27	60	64	63	66	56	E	3	E	2	E	3
„ 15	.32	.25	.25	65	67	64	67	63	NE	3	SE	2	E	3
„ 16	.31	.25	.24	60	60	59	64	58	E	6	E	5	E	5
„ 17	.34	.29	.28	57	60	58	60	55	E	4	E	3	E	4
„ 18	.37	.29	.28	58	60	56	60	56	E	3	E	2	E	4
„ 19	.33	.30	.30	62	63	62	64	56	NE	4	NE	4	NE	4
„ 20	.35	.29	.30	64	68	65	69	61	NNE	3	NE	2	NE	3
„ 21	.29	.25	.28	60	59	55	65	55	NE	3	NE	3	NE	5
„ 22	.33	.29	.32	55	60	58	60	50	NE	5	E	3	E	4
„ 23	.43	.40	.45	53	59	48	59	46	ENE	4	E	4	E	4
„ 24	.49	.41	.42	51	57	52	59	47	ENE	5	E	3	E	4
„ 25	.50	.42	.41	52	55	51	55	47	NE	4	E	2	NE	5
„ 26	.48	.39	.38	54	54	52	58	49	NE	4	NE	4	NNE	5
„ 27	.48	.39	.37	55	55	54	58	52	NE	4	ENE	4	NE	5
„ 28	.46	.30	.31	57	58	57	59	54	E	3	E	3	NE	3
„ 29	.24	.12	.10	58	58	57	59	56	E	4	E	4	N	6
„ 30	.19	.16	.20	59	60	58	62	56	NW	3	NW	2	N	4
„ 31	.26	.19	.25	61	61	57	63	55	E	4	E	4	NE	6
Means,	28.359	28.289	28.297	58.2	59.7	57.1	61.8	54.2	E 20° N	4.0	E 15° N	3.5	E 27° N	4.5

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
1891.												
Dec. 1, ...	10	cum.	...	10	cum.	...	10	sm-cum. / cum.	E	10	sm-cum. / cum.	SSW / E
„ 2, ...	10	cum.	E	10	cum.	E	10	R-cum.	E	10	R-cum.	E
„ 3, ...	10	nim.	E	10	cum.	E	9	sm-cum. / cum.	E	1	cum.	E
„ 4, ...	10	cum.	...	10	cum.	...	7	sm-cum.	W	0	...	...
„ 5, ...	0	...	...	3	sm-cum.	E	8	sm-cum.	E	2	cum.	ESE
„ 6, ...	8	cum.	E	7	cum.	E	8	sm-cum. / cum.	E	10	sm-cum.	W
„ 7, ...	7	cum.	E	10	cum.	...	10	str-cum.	E	9	sm-cum. / cum.	WSW / E
„ 8, ...	10	sm-cum.	W	7	sm-cum.	W	7	c-str. / sm-cum.	W	7	c-cum. / sm-cum.	WSW
„ 9, ...	7	sm-cum.	...	7	cum.	...	10	sm-cum. / cum.	E	10	sm-cum. / R-cum.	E
„ 10, ...	10	cum.	...	10	cum.	...	10	sm-cum. / cum.	E	10	sm-cum. / cum.	W / E
„ 11, ...	10	nim.	...	10	cum.	...	10	nim.	NNE	10	nim.	N
„ 12, ...	10	sm-cum.	W	7	str-cum.	...	8	sm-cum.	N	0	...	...
„ 13, ...	0	...	...	1	cum.	...	7	sm-cum.	W	1	c-cum.	W
„ 14, ...	10	sm-cum.	W	10	sm-cum.	W	7	sm-cum.	W	1	sm-cum.	W
„ 15, ...	10	sm-cum.	W	10	sm-cum.	W	10	sm-cum.	W	2	sm-cum.	W
„ 16, ...	7	sm-cum. / cum.	W / E	5	cum.	E	4	c-cum. / cum.	E	1	sm-cum. / cum.	E
„ 17, ...	10	cum.	E	10	cum.	E	8	cum.	E	10	R-cum.	NNE
„ 18, ...	10	cum.	E	10	cum.	E	10	str-cum.	NNE	3	cum.	ENE
„ 19, ...	10	cum.	E	10	cum.	E	1	cum.	ENE	2	sm-cum.	SE
„ 20, ...	10	sm-cum.	SE	10	sm-cum.	SE	10	sm-cum.	E	10	sm-cum.	E
„ 21, ...	10	cum.	NE	10	cum.	NE	9	cum. / R-cum.	...	10	sm-cum. / cum.	NNW / NE
„ 22, ...	0	...	...	0	...	...	7	c-str. / cum.	...	5	c.	SW
„ 23, ...	0	...	...	1	cum.	...	6	c-str.	...	4	c-str.	SSW
„ 24, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 25, ...	0	...	...	0	...	...	7	c-str.	WSW	7	c-str.	SW
„ 26, ...	0	...	...	3	cum.	...	7	c-str.	SW	6	sm-cum.	SW
„ 27, ...	10	cum-nim.	...	10	nim.	...	10	nim.	...	10	str-cum.	...
„ 28, ...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	...	9	sm-cum. / str-cum.	WSW / ..
„ 29, ...	6	cum.	...	8	cum.	E	10	sm-cum. / cum.	ESE	10	cum-nim.	ESE
„ 30, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	WSW
„ 31, ...	5	cum.	...	0	...	...	0	...	...	0	...	...
Means, ...	7.1	...	...	7.1	...	...	7.7	...	...	5.8	...	...

TABLE X.—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1891.													
Dec. 1,...	10	str-cum.	...	10	sm-cum. / cum-nim.	WSW / E	10	cum-nim.	E	10	cum-nim.	...	10.0
„ 2,...	10	R-cum.	E	10	R-cum.	E	10	cum-nim.	...	9	nim.	E	9.9
„ 3,...	9	cum.	N	10	nim.	WNW	7	cum.	E	10	nim.	NNE	8.2
„ 4,...	0	...	...	0	...	...	0	...	...	0	...	...	3.4
„ 5,...	9	cum.	E	7	cum.	E	6	cum.	E	8	cum.	E	5.4
„ 6,...	9	cum.	SSE	9	sm-cum.	WSW	9	cum-nim.	E	10	cum-nim.	E	8.8
„ 7,...	2	c-cum. / cum.	ENE	4	c-str. / sm-cum.	W / WSW	8	sm-cum.	WSW	8	c-str. / sm-cum.	WSW	7.2
„ 8,...	8	sm-cum.	W	9	sm-cum.	WSW	9	sm-cum.	WSW	9	sm-cum.	WSW	8.3
„ 9,...	10	sm-cum. / R-cum.	W / E	8	sm-cum. / R-cum.	W / E	9	sm-cum. / cum.	W / ENE	7	sm-cum.	...	8.5
„ 10,...	10	str-cum.	E	10	sm-cum.	W	10	sm-cum.	W	10	cum.	E	10.0
„ 11,...	10	cum.	N	9	sm-cum. / cum.	W / N	10	sm-cum.	W	10	str-cum.	...	9.9
„ 12,...	7	sm-cum.	W	1	c. / cum.	...	0	...	...	0	...	...	4.1
„ 13,...	1	sm-cum.	W	1	sm-cum.	W	0	...	...	8	c-cum.	W	2.4
„ 14,...	0	...	...	0	...	...	0	...	...	2	c.	W	3.7
„ 15,...	1	sm-cum.	...	3	sm-cum.	W	9	sm-cum.	W	9	sm-cum.	W	6.8
„ 16,...	1	cum.	E	2	cum.	E	1	cum.	E	9	cum.	E	3.7
„ 17,...	10	R-cum.	NE	1	cum.	...	1	cum.	...	10	cum.	E	7.5
„ 18,...	4	cum.	ENE	0	...	...	8	cum.	ENE	10	cum.	ENE	6.9
„ 19,...	9	cum.	SE	2	sm-cum.	SE	1	sm-cum.	...	7	sm-cum.	E	5.3
„ 20,...	3	sm-cum.	ENE	3	sm-cum.	N	4	sm-cum.	NNE	10	cum-nim.	ENE	7.5
„ 21,...	2	c-str. / cum.	...	3	c-str. / sm-cum.	...	4	cum.	...	2	cum.	...	6.2
„ 22,...	4	c-str.	SSW	3	c-str.	SW	1	c-str.	...	1	c-str.	...	2.6
„ 23,...	4	c-str.	SSW	4	c-str.	SSW	1	c-str.	...	0	...	...	2.5
„ 24,...	1	c-str.	SW	5	c.	WSW	0	...	...	0	...	...	0.8
„ 25,...	1	c-str.	...	1	c-str.	W	1	c-str.	...	0	...	...	2.1
„ 26,...	8	sm-cum.	SW	9	c-str. / c-cum. / sm-cum.	.. / W / W	9	c-str. / sm-cum.	W	9	sm-cum.	WSW	6.4
„ 27,...	10	str.	...	10	nim.	E	10	nim.	...	10	cum-nim.	...	10.0
„ 28,...	10	sm-cum. / str-cum.	W / ..	10	str-cum.	...	10	str-cum.	...	4	cum.	E	9.1
„ 29,...	10	cum-nim.	ESE	10	nim.	E	10	nim.	...	10	nim.	...	9.2
„ 30,...	10	cum-nim.	W	10	str-cum.	WSW	2	sm-cum.	W	0	...	...	7.8
„ 31,...	0	...	...	1	sm-cum.	...	4	sm-cum.	WSW	4	sm-cum.	W	1.7
Means,...	5.9	...	...	5.3	...	...	5.3	...	...	6.3	...	...	6.3