OBSERVATIONS

MADE AT

THE HONGKONG OBSERVATORY,

IN THE YEAR

1887,

BY

W. DOBERCK,

DIRECTOR.

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INDEX.

	Page.
Annual Report for 1887,	1
Weather Reports for 1887:—	
January,	(1)
February,	(13)
March,	(25)
April,	(37)
May,	(49)
June,	(61)
July,	(73)
August,	(85)
September,	(97)
October,	(109)
November,	(121)
December,	(133)
	App.
Report on information issued in 1886 concerning Typhoons,	A.
Results of further investigations concerning Typhoons,	B.
Magnetic Observations made during the year 1887,	C.

HONGKONG OBSERVATORY,
28th *January*, 1888.

SIR,—For the information of His Excellency the Governor I have the honour to forward my Annual Report for 1887.

2. The distribution of the work among the different officials connected with the Observatory has been the same as explained in last year's report. The amount of information collected here concerning typhoons during the past year has been much greater than during previous years, and this work has pressed heavily on the clerks, who are, however, at the same time learning to do their work more quickly.

3. The Eastern Extension and the Great Northern Telegraph Companies, who so courteously transmit the extensive system of meteorological messages free of charge through their cables, rendered the greatest assistance during the stormy weather in September last by giving me information about the changes in the weather setting in at those stations, which were nearest the centres of the typhoons. The *China Coast Meteorological Register*, in which the daily information about the weather is published, being printed in several local newspapers the Government has not hitherto found it necessary to print a daily weather-report, so that the expenses, which are elsewhere by far the heaviest item in the cost of meteorological offices, are at the present time altogether saved in this Colony.

4. The salaries of several members of the staff being considered small in proportion to the practical importance of their duties, His Excellency has been pleased to allow me to submit applications for increases of salary when the estimates for next year are under consideration.

5. One year's trace made by the self-recording tide-gauge is now ready and no funds for hourly readings being available, I have had the honour to suggest that the monthly magnetic observations might be discontinued for some years, in order to allow the tabulation of tides to be proceeded with in the meantime, this subject, although not hitherto included in the work of the Observatory, being of very great importance.

6. * * * * *

7. Lunar distances are now less often than formerly observed on board ship to determine the longitude. There is no doubt that the too accurate and in consequence too complicated methods of reduction generally followed have been partly the cause of this. Occultations of stars claim still more complicated calculations to determine the longitude and are scarcely more accurate, being moreover phenomena of comparatively rare occurrence. The eclipses of Jupiter's Satellites promise to furnish a means of obtaining the longitude on board ship with more ease and accuracy than can be obtained from Lunars. It has therefore been my wish to pay attention to those observations as of importance to the shipping, and I expect to be able to do so in the course of the year.

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 two years the following number of instruments has been verified and certificates issued:—

Barometers: 8; Thermometers: 12; Anemometer: 1.

The index-errors of barometers read off on board ship in typhoons are generally determined by aid of readings made near to or in this port, which are compared with the hourly readings in the Observatory.

9. The number of transits observed during the past year was 313, and the inclination of the axis was determined 132 times. All the chronometers were cleaned and oiled and their rates satisfactorily adjusted in the course of the year by a local firm of jewellers. The sidereal standard clock was stopped on the 7th October, 1887, and its rate corrected. The mean daily rates during ten-day periods are exhibited in the following table, where — means gaining, and + losing rate:—

TABLE I.

Rate of Sidereal Standard Clock in 1887.

Period.	Rate.	Temp.	Bar.	Period.	Rate.	Temp.	Bar.
December 31–10,.....	−2.s12	62.°3	30.ins02	June 29– 9,.....	−3.s73	82.°1	29.ins70
January 10–20,.....	−2. 23	63. 3	29. 98	July 9–19,.....	−3. 84	82. 8	29. 62
„ 20–30,.....	−2. 20	61. 6	29. 92	„ 19–29,.....	−3. 97	81. 4	29. 47
„ 30– 9,.....	−2. 18	59. 4	29. 95	„ 29– 8,.....	−3. 96	83. 3	29. 63
February 9–19,.....	−2. 05	60. 4	30. 15	August 8–18,.....	−3. 91	81. 8	29. 73
„ 19– 1,.....	−2. 28	62. 3	29. 94	„ 18–28,.....	−3. 92	79. 9	29. 70
March 1–11,.....	−2. 32	61. 3	29. 97	„ 28– 7,.....	−4. 04	81. 8	29. 74
„ 11–21,.....	−2. 36	61. 3	29. 95	September 7–17,.....	−4. 23	83. 1	29. 54
„ 21–31,.....	−2. 34	62. 7	29. 94	„ 17–27,.....	−4. 25	82. 3	29. 69
„ 31–10,.....	−2. 48	67. 0	29. 94	„ 27– 7,.....	−4. 12	79. 8	29. 76
April 10–20,.....	−2. 91	73. 1	29. 77	October 7–17,.....	+0. 51	78. 5	29. 91
„ 20–30,.....	−2. 78	69. 7	29. 89	„ 17–27,.....	+0. 60	75. 9	29. 93
„ 30–10,.....	−2. 93	72. 1	29. 79	„ 27– 6,.....	+0. 81	73. 1	29. 99
May 10–20,.....	−3. 11	74. 6	29. 79	November 6–16,.....	+0. 79	71. 7	29. 97
„ 20–30,.....	−3. 33	78. 0	29. 75	„ 16–26,.....	+1. 00	69. 3	30. 06
„ 30– 9,.....	−3. 49	79. 8	29. 69	„ 26– 6,.....	+1. 01	68. 1	30. 01
June 9–19,.....	−3. 72	82. 7	29. 63	December 6–16,.....	+1. 14	67. 3	30. 04
„ 19–29,.....	−3. 78	83. 2	29. 68	„ 16–26,.....	+1. 17	65. 1	30. 05

10. As stated in the time-ball notice published in the *Government Gazette* on the 10th January 1885, the ball is not dropped on Sundays or Government Holidays. The ball was dropped every working day in the past year, but failed to drop at 1 p. on May 27th, June 25th and October 27th the failure being caused the first time by a broken covered wire in the polarized relay, the second time by the switch not having been properly turned, and the third time by the battery having become weak in comparison to the elasticity of the spring on the lock. On every occasion the defect was remedied and the ball dropped allright at 2 p.

TABLE II.

Errors of Time-Ball in 1887.

− means too late. + means too early.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1, ...	...	+0.s3	0.s1	+0.s6	...	0.s1	0.s1	...	0.s1	0.s1	0.s1	+0.2
2, ...	...	+0. 3	0. 1	0. 1	0.s1	0. 1	0. 1	0.s1	0. 1	...	−0. 2	+0.3
3, ...	0.s1	+0. 4	−0. 2	...	0. 1	0. 1	...	0. 1	0. 1	0. 1	−0. 5	+0.3
4, ...	0. 1	+0. 4	−0. 3	0. 1	+0. 2	0. 1	0. 1	0. 1	...	0. 1	0. 1	...
5, ...	0. 1	+0. 4	−0. 3	0. 1	0. 1	...	0. 1	0. 1	0. 1	0. 1	0. 1	0.1
6, ...	0. 1	...	...	0. 1	0. 1	+0. 2	0. 1	0. 1	0. 1	−0. 2	...	0.1
7, ...	0. 1	+0. 7	−0. 4	0. 1	0. 1	+0. 3	−0. 2	...	0. 1	−0. 3	0. 1	−0.3
8, ...	−0. 2	+0. 9	−0. 4	...	...	0. 1	−0. 2	0. 1	+0. 3	0. 1	+0. 2	−0.4
9, ...	...	0. 1	0. 1	+0. 2	+0. 5	+0. 3	0. 1	0. 1	+0. 5	...	...	0.1
10, ...	−0. 4	−0. 3	0. 1	...	0. 1	+0. 5	...	0. 1	+0. 2	0. 1	...	+0.3
11, ...	+0. 3	−0. 5	0. 1	...	+0. 2	+0. 7	+0. 3	0. 1	...	0. 1	−0. 3	...
12, ...	+0. 6	−0. 8	0. 1	+0. 7	+0. 3	...	0. 1	−0. 2	+0. 6	0. 1	−0. 3	0.1
13, ...	+0. 9	...	...	+0. 9	+0. 5	+0. 5	0. 1	0. 1	+0. 7	0. 1	...	−0.2
14, ...	0. 1	0. 1	0. 1	+1. 2	−0. 2	0. 1	0. 1	...	0. 1	+0. 2	0. 1	−0.2
15, ...	0. 1	0. 1	0. 1	+0. 7	...	0. 1	0. 1	0. 1	−0. 2	0. 1	0. 1	−0.3
16, ...	...	−0. 2	0. 1	0. 1	−0. 3	+0. 2	0. 1	0. 1	−0. 1	...	0. 1	−0.3
17, ...	0. 1	0. 1	0. 1	...	0. 1	+0. 2	...	−0. 2	0. 1	−0. 2	0. 1	0.1
18, ...	0. 1	0. 1	+0. 2	+0. 5	0. 1	+0. 3	+0. 3	−0. 2	...	0. 1	0. 1	...
19, ...	0. 1	+0. 2	+0. 2	0. 1	0. 1	...	+0. 4	−0. 3	0. 1	0. 1	−0. 2	0.1
20, ...	0. 1	...	...	0. 1	0. 1	0. 1	+0. 5	0. 1	0. 1	−0. 2	...	0.1
21, ...	0. 1	+0. 4	0. 1	0. 1	0. 1	...	+0. 6	...	0. 1	0. 1	0. 1	0.1
22, ...	0. 1	+0. 7	0. 1	−0. 4	...	0. 1	+0. 2	0. 1	0. 1	0. 1	0. 1	0.1
23, ...	...	+1. 0	−0. 2	−0. 5	0. 1	0. 1	0. 1	0. 1	0. 1	...	0. 1	0.1
24, ...	...	0. 1	−0. 3	...	0. 1	0. 1	...	0. 1	+0. 2	0. 1	0. 1	...
25, ...	+0. 2	+0. 3	0. 1	−0. 7	−0. 2	0. 1	+0. 2	0. 1	...	0. 1	0. 1	...
26, ...	+0. 2	0. 1	0. 1	0. 1	−0. 3	...	0. 1	+0. 2	+0. 1	0. 1	0. 1	...
27, ...	+0. 2	...	...	0. 1	0. 1	0. 1	0. 1	+0. 2	+0. 5	0. 1	...	...
28, ...	+0. 2	0. 1	+0. 3	−0. 2	+0. 2	0. 1	0. 1	...	0. 1	−0. 2	+0. 4	−0.2
29, ...	+0. 3	...	0. 1	+0. 2	...	0. 1	0. 1	0. 1	−0. 3	−0. 3	0. 1	−0.1
30, ...	...	...	+0. 2	0. 1	...	0. 1	+0. 2	0. 1	−0. 4	...	+0. 2	−0.1
31, ...	+0. 3	...	+0. 4	...	+0. 8	...	...	0. 1	...	0. 1	...	−0.3

11. The probable errors of the signal in the different months of 1887 (with the average percentage of clouded sky added in parenthesis) were as follows:—January 0s.18 (90), February 0s.31 (64), March 0s.15 (75). April 0s.28 (72), May 0s.17 (81), June 0s.16 (71), July 0s.15 (73), August 0s.11 (59), September 0s.20 (64), October 0s.11 (27), November 0s.14 (41), December 0s.18 (43).—The mean of the probable errors was 0s.18.

12. The absolute values of the magnetic elements were observed by Mr. F. G. Figg and Mr. Mahomet Alarakia every month as usual, and the report is ready.

13. The monthly weather reports have all been published as soon as ready. They are arranged exactly as explained in last year's report. The clouds are classified as follows:—

Cirrus (c) is the finest and most lofty of all the clouds. It looks like hair, thread or feathers.

Cirro-cumulus (c-cum) is also a high cloud, but is more rounded in shape than the former and looks like small woolly tufts.

Cirro-stratus (c-str) form a sheet of uniform thickness high up in the atmosphere. They are often seen in long straight streaks, that appear to radiate from a point of the horizon. When covering the whole sky they form a sort of vaporous transparent veil.

Stratus (str) is also a layer of cloud of generally uniform thickness but belongs to the lower regions of the atmosphere. It presents no variety of shade.

Cumulus (cum) consists of rounded heaps like enormous balls of wool.

Cumulo-stratus (cum-str) is a cumulus dark and flat at its base traversed by horizontal streaks of dark cloud. It has often a coppery hue.

Strato-cumulus (str-cum) is intermediate between cumulus and stratus. When the number of entries are counted, half is added to cumulus and the other half to stratus.

Roll-cumulus (R-cum) is formed by cumulus clouds lying apparently in long horizontal rolls.

Small-cumulus (sm-cum) are small white cumulus. They belong to a level between cirro-cumulus and cumulus.

Nimbus (nim) is a cloud from which rain is seen falling.

Cumulo-nimbus (cum-nim) has a uniform dark appearance like the true nimbus, but no rain is actually seen falling from it at the time of observation.

14. The weather in January 1887 was quite abnormal. The rainfall was about six times larger than the average. The amount of clouds and the dampness were also excessive particularly the former, so that the rainy season appeared to have set in in the midst of the dry season and that was the case at every station in China from which reports are received. On the contrary the weather was remarkably dry and clear in March, gradients for NE winds continuing till the 29th of that month. On the 8th of April the damp weather set in, but the rainfall was very deficient in that month and also in May. The 1st of June was extremely dry and the barometric tide and daily variation of temperature excessive for the season as might be expected. The middle of that month was very squally with strong SW monsoon. Showers in the early morning hours were distinctly marked but electric phenomena were unusually rare. The thunderstorms during July came from unusual directions. In August the SW monsoon was strong, and the clouds unusually low, as was in fact the case all through the summer but still the rainfall was below the average. September was characterised by an unusual number of typhoons in this neighbourhood as remarked at the end of the report for that month. The weather in October was very dry, clear and fine. On the 21st during N wind it was hotter in the puffs, reminding one of the Föhn in Switzerland. December was very dry and warm. At night time there occurred frequently a sudden change in the direction of the wind from about E to about N with considerable rise of temperature and great decrease of humidity.

15. Tables III-X inclusive exhibit the annual means and totals of meteorological phenomena and their frequency. The arrangement of the tables is explained in previous annual weather-reports. Tables XI and XII exhibit the five-day means arranged as in previous years. The total amount of rain measured daily at 10 a and entered to preceding day was 66.29 at the Observatory, 61.73 at Stone Cutters' Island and 78.34 at the Peak. The total duration registered at the Observatory was 863 hours. The rainfall was at least 0.01 inch on 153 days at the Observatory, on 112 days at Stone Cutters' Island and on 81 days at the Peak. The accuracy of these observations is in a great measure due to the painstaking care of Mr. F. G. Figg

TABLE III.

Mean Values and Hourly Excess above the Mean of Meteorological Elements in 1887.

	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,	+.005	−.007	−.015	−.018	−.013	+.001	+.017	+.032	+.043	+.044	+.035	+.017	−.007	−.028	−.040	−.045	−.041	−.032	−.018	.000	+.013	+.022	+.022	+.015	29.846	28.107
Temperature,	− 1.4	− 1.5	− 1.6	− 1.8	− 2.0	− 2.0	− 1.4	− 0.4	+ 0.7	+ 1.5	+ 2.1	+ 5.2	+ 2.8	+ 2.7	+ 2.4	+ 1.8	+ 1.0	+ 0.1	− 0.4	− 0.6	− 0.8	− 0.9	− 1.2	− 1.3	71.1	65.6
Diurnal Range,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.2	6.5
Humidity,	+ 5	+ 5	+ 4	+ 4	+ 4	+ 3	+ 2	− 1	− 4	− 6	− 7	− 7	− 8	− 8	− 6	− 5	− 3	0	+ 2	+ 3	+ 4	+ 5	+ 5	+ 5	75	86
Vapour Tension,	+.013	+.008	+.001	−.003	−.008	−.009	−.007	−.010	−.013	−.015	−.011	−.012	−.006	−.007	−.003	−.003	−.001	+.003	+.008	+.013	+.015	+.017	+.017	+.015	0.605	0.579
Sunshine (Total),	...	...	...	...	...	10.3	102.9	171.5	196.3	203.2	212.3	210.1	216.5	218.6	211.8	197.6	132.3	21.1	...	...	...	...	...	...	2104.5	...
Rainfall,	0.108	0.152	0.130	0.313	0.358	0.251	0.304	0.322	0.453	0.302	0.266	0.222	0.136	0.204	0.199	0.285	0.239	0.196	0.166	0.100	0.199	0.185	0.289	0.146	5.524	6.528
Hours of Rain (Total),	35	39	39	52	52	53	53	46	40	43	26	38	31	27	36	39	32	24	30	19	25	30	42	39	890	...
Intensity of Rain,	0.037	0.047	0.040	0.072	0.083	0.057	0.069	0.084	0.136	0.084	0.123	0.070	0.053	0.091	0.066	0.088	0.090	0.098	0.066	0.063	0.095	0.074	0.083	0.045	0.074	...
Wind-Velocity,	− 1.0	− 0.8	− 0.7	− 0.7	− 0.9	− 1.1	− 1.1	− 0.8	+ 0.5	+ 1.5	+ 1.6	+ 1.9	+ 2.3	+ 2.5	+ 2.3	+ 1.6	+ 0.9	− 0.3	− 1.4	− 1.6	− 1.4	− 1.2	− 1.3	− 1.1	13.9	25
Wind-Direction,	− 3°	− 3°	− 5°	− 6°	− 7°	− 9°	− 9°	− 7°	− 2°	0°	+ 3°	+ 9°	+ 8°	+ 10°	+ 8°	+ 9°	+ 7°	+ 4°	+ 3°	+ 1°	+ 1°	− 2°	− 4°	− 4°	E 5° S	E 20° S
Cloudiness,	+ 1	...	...	+ 1	...	...	+ 5	...	...	0	...	...	+ 2	...	...	+ 1	...	...	− 3	...	...	− 6	...	...	63	...
Sea-Disturbance,	...	...	...	1.8	...	...	...	...	...	2.0	...	...	...	...	...	1.8	...	...	...	...	...	1.9	...	...	1.9	...
Solar Radiation,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	128.9	122.3
Excess of do. do.,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53.8	53.1
Terr. Radiation,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+2.8	+2.1

TABLE IV.

Number of Hours, during portion of which it rained, for each Month in the Year 1887.

duration

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,	5	5	4	6	5	5	5	6	5	4	2	3	3	3	2	5	5	5	4	4	4	3	7	7	107
February,	3	1	1	3	1	3	5	4	2	3	2	4	4	1	4	4	2	2	3	1	...	1	2	4	60
March,	5	7	4	8	6	9	5	3	3	3	3	2	2	3	2	3	4	1	3	2	2	4	6	4	94
April,	5	4	4	4	4	6	4	4	4	3	3	4	3	2	3	2	3	3	4	2	4	5	5	4	89
May,	3	4	3	3	3	2	4	3	1	3	3	1	1	2	2	1	2	2	...	...	1	1	1	2	48
June,	1	1	4	7	8	4	9	4	6	7	1	2	2	1	1	2	2	...	2	1	1	3	6	4	79
July,	3	7	8	6	11	10	10	9	8	9	4	7	6	3	9	7	4	3	4	3	3	4	6	3	147
August,	3	1	1	6	7	6	5	6	5	6	4	6	4	4	5	5	7	3	3	2	4	3	2	3	101
September,	5	5	6	5	4	5	3	3	2	1	1	5	2	5	7	7	2	4	6	4	6	6	7	6	107
October,	1	1	...	2	...	...	1	2	2	1	1	1	1	1	...	1	...	1	1	...	...	...	...	1	18
November,	1	2	2	...	2	2	1	1	1	2	1	2	2	2	1	1	1	...	...	...	...	...	...	...	24
December,	...	1	2	2	1	1	1	1	1	1	1	1	1	...	...	1	...	...	...	...	...	...	...	1	16
Total,	35	39	39	52	52	53	53	46	40	43	26	38	31	27	36	39	32	24	30	19	25	30	42	39	890

TABLE V.

Total Distance traversed by, as well as Total Duration and Average Velocity of Winds from eight different Points of the Compass during the year 1887.

Wind.	Total Distance. *Miles.*	Duration. *Hours.*	Velocity. *Miles per Hour.*
N,	9622	874	11.0
NE,	12070	905	13.3
E,	73095	4168	17.5
SE,	8314	583	14.3
S,	5738	566	10.1
SW,	6911	506	13.7
W,	3838	475	8.1
NW,	1813	279	6.5
Calm,	251	404	0.6
Sums and Mean,	121652	8760	13.9

TABLE VI.

Total Number of Days on which different Meteorological Phenomena were noted and Total Number of Thunderstorms during each month of the year 1887.

Month.	Fog.	Electric Phenomena.	Lightning.	Thunder.	Thunder-storms.	Unusual Visibility.	Dew.	Rain-bow.	Lunar Halo.	Lunar Corona.	Solar Halo.	Solar Corona.
January,	2	...	...	...	...	...	1	1	...	...	...	...
February,	...	...	...	...	...	...	2	1	...	...	...	...
March,	3	3	2	2	...	...	3	1	...	...	1	...
April,	7	7	5	3	1	1	8	...	2	...	1	...
May,	2	6	6	1	1	...	8	...	2	1	2	...
June,	...	7	5	3	...	7	2	2	5	2	13	...
July,	...	18	16	11	4	8	6	4	11	2	6	...
August,	...	12	12	9	2	1	16	2	5	2	6	...
September,	...	13	13	6	3	1	8	3	3	2	6	1
October,	...	1	1	1	1	...	2	...	1	...	...	...
November,	1	...	...	...	...	...	11	...	1	2	2	...
December,	1	...	...	...	...	1	10	...	...	3	..	...
Sums,	16	67	60	36	12	19	77	14	30	14	37	1

TABLE VII.

Total Number of Times that Clouds of different Forms were observed in each month of the year 1887.

Month.	c.	c-str.	c-cum.	sm-cum.	cum.	cum-str.	str.	R-cum.	cum-nim.	nim.
January,	...	...	2	33	100	...	19	12	82	58
February,	2	7	2	11	92	...	22	10	31	29
March,	...	3	4	31	88	1	39	27	42	42
April,	1	25	5	15	97	...	18	33	26	41
May,	...	17	9	39	160	...	13	27	40	24
June,	4	108	14	9	205	2	1	9	7	17
July,	6	114	25	17	153	20	15	8	13	33
August,	12	78	9	34	146	11	12	4	16	29
September,	1	66	24	21	122	11	12	36	10	32
October,	2	34	5	21	108	...	5	6	4	5
November,	...	57	2	28	59	...	14	7	4	10
December,	...	7	2	55	77	1	19	10	1	9
Sums,	28	516	103	314	1407	46	189	189	276	329

TABLE VIII.

Month.	Barometric Tide.	Mean diurnal variability of Temperature.	Temperature decrease. Height for 1°	Rain Fall.		Hourly Intensity of Rain.	Mean direction of Clouds whence coming.			Number of Days with Clouds below	
				Mean 1878–1887 inclus.	1887.		Lower.	Upper.	Cirrus.	2000 ft.	1000 ft
	ins.	°	*feet.*	*ins.*	*ins.*	*ins.*					
January,	0.106	1 .83	348	1.47	8.430	0.058	E	W by S	...	25	14
February,	0.112	1 .78	387	1.66	1.895	0.022	E by N	W	...	12	6
March,	0.106	1 .63	370	3.53	2.950	0.026	E by S	W	...	19	10
April,	0.097	2 .44	370	6.55	5.640	0.052	S by E	W by S	WSW	22	13
May,	0.085	1 .39	328	9.82	2.045	0.036	SE by E	NW	...	26	11
June,	0.077	0 .80	230	12.67	5.475	0.096	S by W	NE	NE	25	4
July,	0.062	1 .15	284	16.41	12.075	0.124	SE by S	NE by N	NNE	25	7
August,	0.067	1 .06	294	16.93	13.155	0.152	S by E	NE by N	ENE	22	2
September,	0.082	1 .15	279	9.89	10.955	0.146	E	E by S	E	6	0
October,	0.090	1 .02	294	5.06	2.030	0.104	ENE	WSW	N	2	1
November,	0.101	1 .51	279	1.04	0.790	0.036	ENE	WSW	...	2	1
December,	0.102	2 .32	310	0.49	0.850	0.061	E by S	WSW	...	3	...
Year,	0.091	1 .51	314	85.52	66.290	0.076	...	...	...	189	69

TABLE IX.

Monthly Extremes of the Principal Meteorological Elements registered at the Observatory during the year, 1887.

Month.	Barometer.		Temperature.		Hum.	Vapour Tension.		Rain.		Wind Velocity.	Radiation.	
	Max.	Min.	Max.	Min.	Min.	Max.	Min.	Daily Max.	Hourly Max.	Max.	Sun Max.	Terr. Min.
January, ...	30.184	29.759	69.7	48.9	53	0.585	0.227	3.920	0.470	42	140.4	44.0
February, ...	.307	.815	70.0	42.8	53	.495	.201	0.895	0.135	38	137.7	39.7
March, ...	.135	.702	78.4	53.8	24	.631	.173	1.090	0.235	45	142.7	51.1
April, ...	.158	.615	82.2	56.5	32	.787	.174	3.205	0.875	42	145.9	54.0
May, ...	29.908	.597	88.4	67.2	36	.867	.314	1.110	0.330	35	156.1	65.8
June, ...	.821	.506	89.0	73.3	34	.960	.372	0.905	0.500	31	150.1	69.5
July, ...	.824	.270	89.8	73.8	61	1.008	.768	2.240	1.320	50	153.6	73.6
August, ...	.836	.526	88.6	72.9	53	0.951	.692	3.215	0.920	51	149.7	71.5
September, ..	.904	.070	90.7	73.5	55	.991	.659	5.855	1.390	69	158.6	70.6
October, ...	30.085	.631	84.8	64.6	32	.818	.318	1.660	0.930	35	149.3	61.7
November, ..	.168	.830	77.9	56.0	16	.644	.136	0.560	0.100	36	142.5	54.0
December, ..	.305	.891	73.5	44.8	12	.550	.044	0.830	0.140	36	138.8	42.8
Year, ...	30.307	29.070	90.7	42.8	12	1.008	0.044	5.855	1.390	69	158.6	39.7

TABLE X.

Monthly Extremes of the Principal Meteorological Elements registered at Victoria Peak during the year, 1887.

Month.	Barometer.		Temperature.		Hum.	Vapour Tension.		Rain.	Wind.	Radiation.	
	Max.	Min.	Max.	Min.	Min.	Max.	Min.	Daily Max.	Force Max.	Sun Max.	Terr. Min.
January, ...	28.360	28.031	65.3	45.7	65	0.563	0.244	5.01	7	135.9	41.2
February, ...	.467	.039	66.9	39.2	67	.543	.203	0.79	7	132.3	37.6
March, ...	.321	.016	72.3	47.2	38	.637	.216	1.39	7	137.1	42.8
April, ...	.330	27.926	76.5	50.3	34	.745	.158	2.04	7	137.1	46.3
May, ...	.146	.903	78.3	60.5	63	.845	.412	1.02	6	143.6	60.4
June, ...	.093	.861	79.5	67.3	72	.864	.619	2.50	6	140.5	65.6
July, ...	.111	.594	81.3	72.0	84	.894	.733	2.79	7	149.7	70.4
August, ...	.111	.853	81.3	69.7	80	.900	.699	4.26	9	143.8	67.0
September, ..	.186	.509	81.6	71.3	73	.962	.717	1.72	10	148.1	69.4
October, ...	.318	27.950	78.3	61.4	52	.795	.370	0.73	5	140.7	57.4
November, ...	.378	28.097	72.2	52.7	30	.601	.211	0.52	7	131.2	49.3
December, ...	.388	.128	68.2	44.2	38	.529	.136	0.82	6	134.3	41.3
Year, ...	28.467	27.509	81.6	39.2	30	0.962	0.136	5.01	10	149.7	37.6

TABLE XI.

Five-Day Means of the principal Meteorological Elements observed in Hongkong in 1887.

Five-Day Period.	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Velocity.	Nebulosity.	Sunshine.	Rain.
January 1– 5	29.962	60.9	83	0.444	17.8	7.9	5.0	0.000
" 6–10	30.075	58.3	72	.358	20.8	7.4	4.6	0.000
" 11–15	29.974	62.6	87	.498	19.0	9.5	2.9	0.004
" 16–20	.987	59.6	79	.406	14.6	9.5	1.9	0.003
" 21–25	.930	58.6	86	.430	13.2	9.4	1.2	0.425
" 26–30	.912	53.1	87	.353	7.3	10.0	0.2	1.195
February 31– 4	.957	51.0	83	.310	7.9	10.0	0.3	0.308
" 5– 9	.938	51.2	84	.318	10.8	9.0	1.3	0.122
" 10–14	30.126	54.6	72	.315	12.8	4.7	5.5	0.001
" 15–19	.181	57.9	70	.337	17.1	1.4	9.9	0.000
" 20–24	29.964	61.1	74	.402	23.0	6.3	6.7	0.002
" 25– 1	.928	59.7	83	.424	13.8	8.2	2.2	0.223
March 2– 6	.943	59.4	89	.452	21.4	10.0	0.6	0.086
" 7–11	.990	60.6	78	.412	18.1	8.3	2.0	0.008
" 12–16	.911	61.5	84	.463	24.2	9.5	1.5	0.035
" 17–21	.982	58.7	72	.356	13.2	6.1	4.2	0.229
" 22–26	30.043	61.0	58	.310	18.2	5.3	7.5	0.010
" 27–31	29.831	67.2	73	.493	11.4	5.5	6.0	0.004
April 1– 5	.990	64.3	61	.377	15.5	3.1	9.6	0.000
" 6–10	.885	69.6	80	.579	8.5	5.5	6.8	0.001
" 11–15	.823	71.5	89	.690	13.9	9.3	2.2	0.655
" 16–20	.711	73.8	88	.733	6.8	7.3	4.5	0.047
" 21–25	.914	64.7	87	.541	16.0	9.7	0.1	0.388
" 26–30	.866	70.2	83	.619	14.5	8.4	3.0	0.037
May 1– 5	.811	70.1	85	.630	19.5	9.1	1.5	0.033
" 6–10	.772	74.2	87	.737	9.2	6.5	4.7	0.013
" 11–15	.794	73.0	72	.586	15.7	9.5	2.6	0.025
" 16–20	.789	75.9	83	.739	14.2	7.4	4.8	0.014
" 21–25	.810	75.8	86	.767	20.3	8.3	4.2	0.001
" 26–30	.693	79.2	83	.824	11.5	8.0	5.2	0.323
June 31– 4	.746	77.5	76	.718	12.7	7.1	4.0	0.212
" 5– 9	.640	80.6	83	.864	11.0	7.3	8.1	0.184
" 10–14	.641	82.0	80	.871	16.6	8.6	6.0	0.325
" 15–19	.623	82.8	80	.894	12.5	8.2	4.7	0.153
" 20–24	.681	83.0	77	.873	10.4	5.9	8.8	0.174
" 25–29	.672	83.0	76	.855	9.6	5.9	10.6	0.047
July 30– 4	.714	81.3	84	.891	8.0	7.6	5.1	0.116
" 5– 9	.687	80.8	85	.893	10.1	9.1	4.4	0.658
" 10–14	.705	82.6	79	.880	14.8	4.9	10.1	0.269
" 15–19	.532	81.7	81	.875	14.7	7.4	5.5	0.437
" 20–24	.440	80.4	84	.870	15.1	8.4	2.4	0.462
" 25–29	.499	81.4	84	.895	9.0	7.2	5.0	0.415
August 30– 3	.572	83.2	80	.911	17.8	6.2	9.2	0.058
" 4– 8	.693	82.4	77	.849	11.3	5.5	10.1	0.007
" 9–13	.738	81.9	79	.861	7.4	3.0	11.2	0.018
" 14–18	.700	78.7	85	.827	19.0	7.4	4.4	1.009
" 19–23	.710	78.5	86	.842	8.3	6.9	5.0	0.779
" 24–28	.698	79.0	85	.838	6.3	7.5	4.2	0.797
September.....29– 2	.765	81.5	77	.829	4.4	3.0	10.7	0.028
" 3– 7	.725	81.6	76	.824	20.9	7.1	7.0	0.197
" 8–12	.446	82.6	77	.853	16.2	7.1	4.5	0.383
" 13–17	.642	81.7	80	.874	20.2	7.9	6.5	1.347
" 18–22	.671	81.7	81	.873	25.7	6.4	6.6	0.159
" 23–27	.709	82.2	79	.871	22.0	6.1	7.9	0.073
October 28– 2	.784	79.7	73	.747	8.8	5.0	8.4	0.058
" 3– 7	.741	78.9	50	.501	13.0	2.4	10.8	0.006
" 8–12	.908	76.7	65	.593	8.5	1.4	9 9	0.000
" 13–17	.915	77.5	70	.661	13.2	1.8	9.6	0.000
" 18–22	.870	75.8	68	.598	13.0	5.3	4.4	0.367
" 23–27	29.983	73.4	56	.461	14.9	0.9	10.5	0.000
November 28– 1	30.003	71.2	60	.463	14.6	2.8	9.6	0.000
" 2– 6	29.977	71.6	69	.535	12.5	3.2	8.9	0.000
" 7–11	.934	71.6	66	.513	17.2	5.4	6.4	0.000
" 12–16	30.004	68.8	56	.396	10.7	5.9	5.7	0.010
" 17–21	.091	68.2	53	.361	17.1	2.3	9.5	0.000
" 22–26	.038	68.8	52	.365	10.7	0.5	9.9	0.000
December 27– 1	29.977	65.7	60	.379	11.6	8.9	2.5	0.148
" 2– 6	30.038	64.2	59	.361	10.6	3.7	6.2	0.167
" 7–11	.006	66.7	65	.427	12.7	1.9	8.7	0.000
" 12–16	.082	64.2	63	.385	13.4	9.1	1.9	0.002
" 17–21	.039	62.7	66	.375	14.9	3.1	8.3	0.000
" 22–26	.068	62.3	60	.341	8.3	5.1	6.4	0.001
" 27–31	.087	59.8	42	.228	14.3	2.0	8.5	0.000

TABLE XII.

Five-Day Means of the principal Meteorological Elements observed at Victoria Peak in 1887.

Five-Day Period.	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Force.	Rain.
January 1– 5	28.182	56.8	86	0.410	4.5	0.00
" 6–10	.281	51.4	83	.335	5.5	0.00
" 11–15	.214	58.3	95	.476	4.5	0.00
" 16–20	.210	53.6	90	.380	4.3	0.00
" 21–25	.157	54.2	93	.399	4.6	1.43
" 26–30	.106	48.5	94	.324	5.1	1.19
February 31– 4	.144	45.6	94	.293	5.0	0.58
" 5– 9	.140	46.0	94	.298	4.4	0.11
" 10–14	.321	49.6	84	.319	4.1	0.00
" 15–19	.383	53.4	79	.344	4.2	0.00
" 20–24	.183	56.3	83	.394	5.0	0.00
" 25– 1	.149	55.4	93	.420	3.9	0.44
March 2– 6	.159	55.3	97	.432	4.8	0.07
" 7–11	.203	56.0	87	.399	4.9	0.05
" 12–16	.137	56.5	95	.438	5.3	0.33
" 17–21	.193	52.0	84	.339	4.4	0.07
" 22–26	.253	54.9	70	.312	4.3	0.00
" 27–31	.095	63.9	75	.464	4.1	0.00
April 1– 5	.221	59.3	63	.344	4.5	0.00
" 6–10	.141	65.8	80	.521	3.9	0.00
" 11–15	.104	67.2	98	.660	5.5	0.55
" 16–20	.001	69.0	90	.650	4.4	0.00
" 21–25	.126	60.3	96	.519	4.3	0.49
" 26–30	.116	63.8	94	.583	4.6	0.07
May 1– 5	.074	64.9	95	.598	5.1	0.18
" 6–10	.051	69.4	93	.693	3.7	0.04
" 11–15	.062	67.7	86	.595	4.6	0.00
" 16–20	.073	70.0	92	.700	4.5	0.00
" 21–25	.083	70.7	95	.725	4.3	0.00
" 26–30	27.998	72.3	96	.765	4.9	0.29
June 31– 4	28.031	71.1	91	.705	4.1	0.07
" 5– 9	27.954	73.5	94	.791	4.0	0.00
" 10–14	.947	74.2	97	.827	5.7	0.67
" 15–19	.946	74.6	97	.843	4.9	0.07
" 20–24	.997	75.1	96	.843	5.1	0.16
" 25–29	.985	74.6	95	.820	4.5	0.00
July 30– 4	28.019	75.1	92	.814	3.7	0.71
" 5– 9	27.993	74.4	95	.819	5.0	0.46
" 10–14	28.017	76.1	92	.841	4.1	0.00
" 15–19	27.844	75.8	93	.836	4.6	0.81
" 20–24	.767	73.9	93	.791	4.5	0.73
" 25–29	.826	75.0	94	.824	4.4	0.90
August 30– 3	.884	75.7	96	.853	4.9	0.00
" 4– 8	28.010	74.7	95	.824	4.3	0.00
" 9–13	.046	76.3	89	.817	3.1	0.00
" 14–18	.001	72.8	91	.749	4.7	1.15
" 19–23	.016	73.4	92	.765	3.5	0.73
" 24–28	.006	73.3	93	.771	3.3	1.24
September 29– 2	.063	76.2	89	.810	2.8	0.00
" 3– 7	.015	74.9	89	.793	4.9	0.18
" 8–12	27.774	75.7	89	.806	4.9	0.64
" 13–17	.932	75.2	93	.823	5.1	0.45
" 18–22	.984	74.5	95	.829	5.1	0.08
" 23–27	28.011	75.4	91	.819	4.8	0.04
October 28– 2	.084	74.7	87	.763	3.3	0.07
" 3– 7	.035	71.9	67	.551	3.7	0.00
" 8–12	.186	71.4	75	.585	3.3	0.00
" 13–17	.188	71.7	91	.728	3.6	0.10
" 18–22	.152	68.8	87	.627	4.3	0.19
" 23–27	.244	67.1	71	.490	4.3	0.00
November 28– 1	.250	65.4	76	.477	4.1	0.00
" 2– 6	.229	65.3	82	.535	4.0	0.00
" 7–11	.177	65.2	81	.518	4.3	0.00
" 12–16	.235	62.0	70	.407	3.8	0.00
" 17–21	.316	62.1	60	.346	4.5	0.00
" 22–26	.284	62.8	62	.377	3.9	0.00
December 27– 1	.196	58.1	71	.348	4.6	0.18
" 2– 6	.261	58.3	71	.355	3.9	0.16
" 7–11	.238	61.8	67	.388	4.3	0.00
" 12–16	.298	57.7	73	.365	4.5	0.00
" 17–21	.259	55.8	76	.357	4.3	0.00
" 22–26	.274	56.8	71	.346	3.6	0.00
" 27–31	.267	54.1	59	.264	4.7	0.00

16. Investigations concerning typhoons were continued during the past year. The results are partly contained in the already published *Results of Further Researches concerning Typhoons*, partly in a report containing exhaustive investigations of all *the typhoons in 1886* and their paths, which is ready as well as the two maps exhibiting the paths, and partly in two minor papers about to be published one of which draws attention to an additional means of forecasting typhoons while the other explains the cause why typhoons are so frequent in the China Sea in September. It is hoped that these investigations will by degrees lessen the terrors of the Eastern Seas and that masters of vessels trading out here will in the future be enabled not only to escape damage from typhoons but to benefit by the favourable winds so as to make quicker voyages. *The typhoons of 1887* have been provisionally investigated by aid of daily weather-maps drawn from the 1st July till the 1st November and by other means. In addition to the observations furnished by stations on shore, the log-books of 143 different vessels containing entries on 1561 days (counting those made on board different ships separately) are available. A great number of log-books have of course been looked through without entries bearing on typhoons having been found. The final investigation of the typhoons of 1887 will occupy my time during the next half year.

17. The remarks concerning typhoons, meteorological signals, and storm-warnings published in the *China Coast Meteorological Register* issued in the forenoon from here are reprinted below. The remarks, if not otherwise stated, refer to the state of the weather at 9 a. or 10 a. The position of the centre of the typhoon, as determined from a provisional discussion of observations subsequently received, is added in small print. The basis on which the information was founded is explained in a pamphlet: "The Law of Storms in the Eastern Seas," published in September, 1886:—

1887, April 16th.—'The barometer is falling over Luzon but steady along the coast. Gradients for SW winds are very gentle. The temperature and the humidity are high and cloudy weather prevails.'

1887, April 17th.—'The barometer is falling at all stations except Wladivostock and the fall is greatest in Manila. There appears to be a typhoon in the neighbourhood of Luzon. The temperature is high, the humidity moderate and cloudy weather prevails.'

The typhoon appears to have been at some distance E of the Philippines.

1887, April 18th.—'The barometer continues to fall in the South but has risen in the North. The temperature and the humidity are rather high and cloudy weather prevails.'

1887, April 19th.—'The typhoon has probably passed northwards in the Pacific. The barometer has risen except in Bolinao. Gradients for NE winds are moderate. The temperature and the humidity are high and cloudy weather prevails.'

This typhoon probably recurved in the Pacific.

1887. April 20th.—'The barometer is rising except in Nagasaki where it has fallen and gradients are very slight in southern China. The temperature and the humidity are high and the weather overcast.'

1887, May 11th.—'The barometer is still falling over Luzon but has risen along the coast. Gradients for NE winds continue steep in southern and moderate in northern China. The temperature is moderate, the humidity rather high and the weather overcast.'

Typhoon in 15½° N, 126½° E, (according to Faura).

1887, May 12th.—'The barometer is very low but steady over Luzon and has fallen along the coast. Gradients for NE winds remain steep. The temperature and the humidity are moderate and the weather is cloudy in the South and fine in the North.'

Typhoon in 18½° N, 126½° E (according to Faura).

1887, May 13th.—'The barometer is nearly steady but gradients for NE winds continue steep. The temperature is high, the humidity very low and the weather cloudy. At 10 a. the following telegram was sent to the Treaty Ports:—"There appears to be a typhoon at some distance to the E of Luzon."'

Typhoon in about 25° N, 119° E.

1887, May 14th.—'The barometer has risen and gradients for NE winds are moderate. The temperature is moderate, the humidity low and cloudy weather prevails.'

This Typhoon recurved south of Japan.

1887, May 26th.—'The barometer has fallen. There is a depression SE of Shanghai The temperature is moderate, the humidity high and the weather overcast and wet.'

The typhoon appears to have been situated in the Pacific East of Luzon moving NNWestward.

1887, May 27th.—'There is a decided fall in the barometer at all stations owing to the approach of the typhoon indicated yesterday. The temperature and the humidity are high and cloudy weather prevails.'

The typhoon appears to have been E of the Balintang Channel.

1887, May 28th.—'The barometer has risen except in the North. The typhoon is situated south of Japan and is moving northwards. The temperature and the humidity are high and cloudy weather prevails.'

The centre appears to have been in about 30° N, 129° E.

1887, July 11th.—'The barometer has risen in the south and fallen in the North. Gradients are moderate for SE winds. The temperature and the humidity are high and the weather is cloudy. A small typhoon has passed Westward across the China Sea.'

Typhoon in northern Annam.

1887, July 15th.—'The barometer has fallen along the SE coast of China and has risen elsewhere. The temperature is rather high, the humidity moderate and cloudy weather prevails.'

1887, July 16th.—'The barometer has risen over Luzon and fallen along the coast. There is a depression in the China Sea with steep gradients for SW winds south of the centre and for NE winds north of the centre. The temperature and the humidity are rather high and cloudy weather prevails.'

Fresh wind and high sea were reported by ships in the China Sea. Lowest pressure appears to have been situated near the Paracels.

1887, July 18th.—'The barometer is falling particularly in the SE. Gradients are moderate for S winds over the China Sea and for SE winds along the E coast of China. The temperature is high, the humidity moderate and the weather cloudy.'

There appears to have been a typhoon in the neighbourhood of the Pratas Shoal.

1887, July 19th.—'The barometer is falling particularly in Hongkong. There is a large typhoon in the China Sea SE of Hongkong probably travelling towards the SEastern coast of China. The temperature and the humidity are moderate and overcast weather prevails.'

Typhoon in about 21° N, 115° E.

1887, July 20th.—'*Directions to hoist the Red Drum were issued at 1.45 a. on the 19th.* At 5 a. the following notice was issued: "There is a large typhoon approaching from the SE. Telegraphic communication is interrupted." *At 4.30 a. on the 20th directions to fire typhoon-gun one round were issued, at 7.30 a. to hoist South Cone ond at noon to hoist Red Ball.*—At 10 a. an attempt was made to issue the following notice: "Typhoon S of and close to Hongkong moving Westward," but this failed for want of direct telegraphic communication with the offices of the E. E. A. & C. Tel. Co., in Queen's Road.'

Typhoon in about 21° N, 114° E.

1887, July 21st.—'The barometer has risen except about the gulf of Tonquin. The following notice was issued at 4 p. yesterday: "The typhoon appears to be crossing Hainan." Gradients are moderate for E winds in China. The temperature is low and the humidity great.'

Typhoon in about 20½° N, 109° E.

1887, July 22nd.—'The barometer has fallen in Haiphong owing to the approach of the past typhoon. It is possible that another typhoon has approached Northern Formosa from the East. *The Red Ball was removed yesterday about 1.15 p.*'

The past typhoon appears to have entered southern Tonquin. Another typhoon in about 27° N, 124° E.

1887, July 23rd.—'The typhoon that crossed the China Sea passed south of Haiphong during the night. The typhoon that approached Northern Formosa has entered the mainland south of Shanghai. *The North-Cone was hoisted yesterday at 4 p.* The barometer has fallen slightly in the S.E.'

This typhoon entered the mainland during the previous night in the neighbourhood of Wenchow.

1887, July 24th.—*Directions to take down the North Cone were issued at 1.10 p. yesterday.*

This typhoon appears to have moved NWestward in the interior of China.

1887, July 27th.—'The barometer has fallen between Shanghai and Amoy (owing to the approach of a typhoon travelling apparently NWestward) and has risen elsewhere. The temperature and humidity are rather high and cloudy weather prevails.'

This typhoon entered the mainland S of Ningpo during the previous night.

1887, July 28th.—'The barometer has fallen at all stations except Shanghai, where it has risen. The lowest reading of the barometer is reported from Amoy. The temperature and humidity are high and the weather is cloudy.'

1887, July 30th.—'The barometer has fallen in the north. There is a storm in the Sea of Japan,—probably one of the typhoons that lately were indicated by observations in northern China. The temperature and the humidity are rather high and cloudy weather prevails.'

This depression had possibly a different origin.

1887, August 2nd.—'The barometer has risen in the South and is very low in Japan and gradients are steep for SW winds. The temperature is high, the humidity moderate and the weather cloudy but fine.'

Typhoon in about 30° N, 129° E.

1887, August 3rd.—'The barometer has fallen and gradients remain steep for SW winds owing to a typhoon in Corea, which is moving northwards. The temperature is high, the humidity high in the North and low in the South and the weather is cloudy and squally.'

Centre between Nagasaki and Fusan.

1887, August 4th.—'The barometer has risen except in Wladivostock. Gradients continue steep for SW winds owing to the typhoon now disappearing in the North. The temperature is high, the humidity moderate and overcast and squally weather prevails.'

Centre near Eastern Corea.

1887, August 15th.—'The barometer has fallen in Hongkong owing to a typhoon, which appears to be travelling Westward in the China Sea.'

Typhoon in about 21° N, 114° E.

1887, August 16th.—'*Directions to hoist the South Cone were issued yesterday at 1.17 p. and to remove this and hoist the Ball at 4.30 p. The Ball was directed to be taken down at 10.25 a. to-day.* At 4 p. yesterday the following notice was issued:—"Typhoon SW of Hongkong moving Westward." Fresh SE winds prevail over the northern part of the China Sea and the weather is overcast and wet.'

Centre in about 21° N, 109½° E. The typhoon was dying out at this time.

1887, August 17th.—'The barometer has fallen in Tonquin and risen in Hongkong. Gradients are moderate for SE winds over the China Sea and for SW winds in Northern China. The temperature is low, the humidity high and the weather cloudy.'

1887, August 24th.—'The barometer has fallen in the neighbourhood of Amoy and risen elsewhere. Gradients are moderate for SW winds over the China Sea and moderate for NE winds to the North of Amoy. The temperature is high and the weather fine and dry.'

Centre of small typhoon in 23° N, 120° E.

1887, August 25th.—'At 6.10 p. yesterday the following notice was issued:—"Small typhoon in southern part of Formosa Channel." *At 7 a. this day directions were issued to hoist the Drum and at 10.20 a. to hoist the North Cone.* The wind increased last evening in Amoy and heavy squalls with violent gusts and a heavy swell in the sea were reported during the night. The typhoon appears to have entered the mainland and to be moving northwards. The barometer has risen and gradients are gentle over the China Sea.'

Typhoon entered the mainland close to and north of Amoy and it then ceased to blow.

1887, August 26th.—'The barometer is steady in Tonquin and has fallen elsewhere. Gradients are slight. The temperature and humidity are rather high and cloudy weather prevails with thunder storms in Southern China. *Directions to take down the North Cone were issued at 1.10 p. yesterday.*

1887, August 27th.—'The barometer has fallen especially in Tonquin. Gradients are slight in S winds. The temperature and humidity are high and cloudy weather prevails.'

1887, September 5th.—'The barometer has fallen in the south and gradients are moderate for winds. The temperature is high and the weather cloudy but dry.'

1887, September 6th.—'The fall in the barometer has continued along the SE coast of China and in Luzon and gradients continue moderate for N winds. There appears to be a typhoon SW of Formosa. The temperature is high and the weather fine and dry.'

Typhoon in about 18° N, 119° E.

1887, September 7th.—'The barometer has fallen along the southern coast of China owing to the typhoon, referred to yesterday, passing westward in the China Sea. *Directions to hoist the Drum and*

issued at 4.15 p. yesterday, and to hoist the South Cone at 11.15 a. this morning. The following telegram was issued at 9.30 a.:—"Typhoon SE of Hongkong moving westward." The temperature is high and the weather cloudy but rather dry.'

Typhoon in about 18° N, 116° E.

1887, September 8th.—'The barometer has fallen in Tonquin. The typhoon appears to have entered Annam. The temperature is high, the weather cloudy but fine and dry and moderate SE winds prevail. *At 4 p. yesterday* the following telegram was issued:—"Typhoon SW of Hongkong moving westward," and also *directions to hoist the Ball.*'

Typhoon is about 17° N, 110° E about to enter Annam.

1887, September 9th.—'The barometer has fallen in the E, particularly in the SE, and risen in the W. There is a typhoon north of Luzon. The temperature is high and the weather is cloudy but dry except in Luzon, where it is squally and wet.'

Typhoon in about 17° N, 126° E.

1887, September 10th.—'The barometer has fallen everywhere. The temperature is high and the weather cloudy but dry. The typhoon raged along the NW coast of Luzon during the night accompanied by heavy rain and a tremendous sea. *Directions to take down the Ball were issued at 12.30 p. on the 8th and to hoist the Drum at 12.15 p. on the 9th.* The following telegrams were addressed to the treaty ports: at 4 p. yesterday:—"Typhoon NW of Luzon," and at 11.45 a. this day: "Violent typhoon approaching Formosa Channel."'

Typhoon in about 19° N, 121° E.

1887, September 11th.—'The barometer has fallen along the China Coast particularly in Hongkong. The centre of the typhoon is situated between Hongkong and South Cape and appears to be moving very slowly NWestward. It is blowing very hard in the northern semi-circle but the wind is more moderate S of the centre. At 7 p. the following telegram was issued:—"It is blowing hard in the Formosa Channel," and at 10.25 a. the following was sent to the Treaty Ports:—"The typhoon in southern part of Formosa Channel is moving NWestward. *At 10.05 p. directions were given to replace the Drum by the North Cone.*'

Typhoon in 22° N, 117° E.

1887, September 12th.—'The barometer has fallen slightly in Tonquin and risen elsewhere. The temperature and humidity are rather high and the weather is overcast, wet and squally round the China Sea. *Directions to fire the gun one round were given at 7.05 p. [on the 11th] and at 10.35 a. to take down the North Cone.* At 10.35 a. the following telegram was addressed to the Treaty Ports (and the other stations):—"At midnight the typhoon entered China a little to the East of Hongkong." It blew hard in Amoy last evening during the first part of the night, and there was a high sea and wet weather. This morning the weather is squally with fresh SE wind, which indicates that the remainder of the typhoon is still moving NWestward on the mainland.'

Typhoon in 24° N, 112° E.

1887, September 13th.—'The barometer has risen and gradients are moderate for S winds. The temperature and humidity are rather high and cloudy weather prevails.'

1887, September 14th.—'The barometer has risen and gradients are slight for E winds. The late typhoon appears to have passed northwards through China, and then NEastward to the north of Japan. The weather is hot, damp and cloudy.'

The depression north of Japan was probably of a distinct origin.

1887, September 15th.—'The barometer is beginning to fall in Luzon and has risen along the Southern coast of China and also in Japan. Gradients are moderate for N winds. The temperature and humidity are moderate and the weather cloudy.'

Typhoon apparently NE of Luzon not far from the coast.

1887, September 16th.—'The barometer has fallen along the SE coast of China and still more in Luzon. It has risen in Tonquin and in Japan. There is a typhoon North of Luzon. The weather is hot and cloudy but dry along the SE coast of China. Telegraphic communication is interrupted. *Directions to hoist the Red Drum were issued at 11.20 a.*

Typhoon in about 19° N, 119° E.

1887, September 18th.—'The existence of the typhoon was first indicated in the China Coast Meteorological Register on the morning of the 15th according to the last paragraph of Chapter II of the "Law of Storms" (page 9). *On the morning of the 16th* it was stated that it was N of Luzon. *Directions to hoist the Drum were issued at 11.20 a.* At 7 p. the following notice was issued:—"Ty-

phoon approaching Formosa Channel. Strong NE winds reported from stations there." *At 8.50 a. on the 17th directions to fire the gun one round were given.* The following notices were issued on the 17th: (at 10.20 a.) "Typhoon SSE of Hongkong apparently moving NWestward," (at 11.05 a.) "Only a strong gale is expected or a storm at any rate it is not likely to blow so hard as in 1884," (at 4 p.) "Typhoon SW of Hongkong apparently moving NWestward." *At 12.20 p. directions were given to hoist the South Cone and at 1.03 p. to hoist the Ball.* Owing to the absence of direct telegraphic connection with Hongkong and the other stations earlier or more complete information was not available.'

Typhoon at 9 a. on the 17th in about 20° N, 115½° E and at 9 a. on the 18th in about 22° N, 111° E.

1887, September 19th.—'The barometer has risen along the coast and fallen in Luzon. The temperature is high and the weather cloudy but calm. At 4 p. yesterday the following notice was issued:—"There appears to be another typhoon in the Pacific. Telegraphic communication is interrupted." *At 10 p. directions were issued to hoist the Drum.* The typhoon was approaching Bolinao from the East this morning. An increasing NW gale is felt in Luzon.'

Typhoon in 15½° N, 122° E.

1887, September 20th.—'The typhoon passed across Bolinao in the evening and is now moving Westward in the China Sea. Its full force was felt in Manila in the afternoon. The following notices were issued: (at 1 p. on the 19th) "Typhoon approaching Bolinao from the E this morning." (At 4 p. on the 19th) "Violent typhoon appears to have crossed northern Luzon and entered the China Sea." (At 10 a. on the 20th), "The typhoon appears to be moving NWestward in the China Sea between Bolinao and Hongkong."'

Typhoon in about 17° N, 116° E.

1887, September 21st.—'*At 12.20 p.* [*on the 20th*] *orders were issued to hoist the South Cone*, at 12.27 p. notice to Cape St. James that typhoon was approaching Annam, at 12.45 p. to Harbour Office that ships bound for northern or eastern ports might expect fine weather, at 8.25 p notice for distribution: "A fresh East gale is expected here but no typhoon," *at 10.05 p. orders to fire gun one round*, at 10.22 a. to the stations: "The typhoon appears to move towards northern Hainan" and *at 11 24 a. directions to hoist the ball.*'

Typhoon in about 18° N, 113° E.

1887, September 22nd.—'The typhoon appears to have passed over southern Hainan and to the south of Haiphong. It has probably entered northern Annam by this time.'

Typhoon in about 20° N, 107° E.

1887, September 23rd.—'The barometer has risen along the coast and gradients are gentle for NE winds. The weather is hot but rather dry and cloudy. *At 12.35 p.* [*on the 22nd*] *directions were issued to take down the Ball.*'

1887, September 24th.—'At 4 p. yesterday the following notice was issued: 'There appears to be another typhoon in the Pacific." This typhoon is now raging in northern Luzon. It appears to be moving Westward.'

Typhoon entering northern Luzon.

1887, September 25th.—'*At 12.15 p. yesterday* (six hours late in the absence of direct telegraphic connection) the following notice was issued:—"The typhoon was approaching Bolinao from the E this morning," and also *directions to hoist the Drum*, at 2.30 p.: "The typhoon is raging furiously at Bolinao. The wind and rain are much worse than during the last typhoon," *at 6.30 a. direction to fire the gun one round*, at 10.20 a.: "The typhoon is moving Westward in the China Sea," and *at 10.35 a. directions to hoist the South Cone.*'

Typhoon in about 18½° N, 116° E.

1887, September 26th.—'*At 10.35 a. to-day directions to hoist the Ball were issued.* The typhoon appears to be approaching Hainan.'

Typhoon in about 19° N, 111° E.

1887, September 27th.—'The barometer has risen and gradients are gentle for NE winds. The weather is fine and dry and the temperature high. At 4 p. [on the 26th] the following notice was issued: "The typhoon has entered the mainland to the West of Hongkong," and *at 10.05 p. direction to take down the Red Ball.*"

Typhoon appears to have entered southern Tonquin in the afternoon of the 26th and disappeared.

1887, September 28th.—'The barometer has fallen in the E and risen in the W. Gradients are gentle for N winds. The weather is cloudy but fine and rather dry. It is hot along the SE coast of China. There is probably another typhoon in the Pacific.'

Typhoon in the Pacific to the E of Luzon.

1887, September 29th.—'The barometer has fallen in Luzon and along the SE Coast of China. The weather is fine, hot and dry in SEastern China but overcast and wet in Luzon. The typhoon appears to be approaching northern Luzon from the East.'

Typhoon in the Pacific E of the Balintang Channel.

1887, September 30th.—'The barometer has fallen in Luzon but is steady along the southern coast of China. The typhoon appears to have crossed southern Luzon and to be moving Westward in the southern part of the China Sea.'

One typhoon SE of S. Cape (Formosa), another [probably at this time] about crossing the southern Philippines.

1887, October 1st.—'*At 10.40 a. yesterday directions were issued to hoist the South Cone and at 10 a. to-day to remove it* The barometer has risen and the weather is fine and dry with moderate temperature.'

The new typhoon appears to have been raging near northern Palawan.

1887, October 4th.—'The barometer is rising slowly in Luzon and falling slowly along the Coasts of China and Japan. Gradients are moderate for N winds. The weather is fine, dry and hot.'

1887, October 5th.—'At 4.45 p. [on the 4th] the following notice was issued:—"Typhoon approaching Formosa." The typhoon has since approached the Channel. It is probably blowing hard in southern Formosa.'

Typhoon in about 20° N, 132° E.

1887, October 6th.—'*At 3 p. directions were issued to hoist the Red Drum.* The typhoon appears to have recurved.'

Typhoon E of Formosa recurving towards the North.

1887, October 7th.—'The barometer has risen and gradients are gentle. The temperature is moderate and the weather fine and very dry. *At 4.15 p. directions to take down the Drum were issued.*'

The storm was moving NEastward to the S of Japan.

1887, November 26th.—'There is not much change in the barometer and gradients continue steep for NE winds in the China Sea. The weather is fine and cool and the humidity moderate.'

1887, November 28th.—'The barometer has fallen along the Coast of China but is beginning to rise in Luzon. At 10h. 5m p. yesterday the following notice was sent to Singapore.—"There is a typhoon in the southern part of the China Sea moving Westward."'

Typhoon in about 15° N, 115° E.

18. I cannot conclude this report without expressing my thanks to the heads of the Harbour, Police and Post Office Departments for their great courtesy and kind co-operation. The buildings have been kept in a good state by the Public Works Department. All the necessary repairs are being effected. The leaks in the roofs have been attended to and additional venetians put up to obviate the draughts in the main building. Benchmarks have been put on different public buildings in Kowloon, and their heights above the benchmark in the police boat-basin have been measured with the level.

I have the honour to be,

Sir,

Your most obedient Servant,

W. Doberck,
Director.

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

HONGKONG OBSERVATORY.

Weather Report for January, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Great Northern and the Eastern Extension Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock.

It was hazy on the morning of the 1st.

Slight fog was noted on the morning and evening of the 11th, and thick fog on the morning of the 24th.

Dew fell on the evening of the 13th.

A rainbow was seen at 6h. 45m. a. on the 29th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	686	99	6.9
NE	873	57	15.3
E	8508	421	20.2
SE	224	20	11.2
S	5	1	5.0
SW	74	12	6.2
W	550	67	8.2
NW	328	44	7.5
Calm	14	23	0.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JANUARY, 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Jan. 1, ...	29.982	29.972	29.961	29.948	29.952	29.963	29.972	29.999	30.008	30.015	30.001	29.969	29.936	29.904	29.896	29.898	29.903	29.917	29.939	29.943	29.941	29.941	29.946	29.939	29.952
,, 2, ...	.933	.925	.920	.921	.924	.935	.953	.989	.005	.003	29.982	.948	.917	.890	.883	.879	.886	.902	.919	.942	.948	.957	.958	.960	.937
,, 3, ...	.963	.959	.956	.949	.953	.968	.995	30.026	.042	.045	30.029	.983	.961	.926	.914	.911	.928	.939	.963	.985	.994	.991	.996	.988	.974
,, 4, ...	.985	.932	.955	.954	.956	.964	.977	.000	.022	.016	29.995	.950	.917	.888	.877	.881	.897	.910	.933	.943	.950	.954	.957	.955	.950
,, 5, ...	.954	.959	.955	.951	.941	.961	.976	.005	.025	.027	30.015	.990	.946	.923	.917	.922	.952	.988	30.030	30.074	30.099	30.109	30.117	30.119	.998
,, 6, ...	30.119	30.111	30.093	30.086	30.080	30.094	30.115	.134	.141	.145	.133	30.096	30.053	30.026	30.015	30.024	30.035	30.042	.059	.083	.098	.107	.101	.092	30.087
,, 7, ...	.038	.072	.063	.065	.073	.057	.092	.123	.143	.152	.140	.118	.070	.049	.040	.042	.057	.068	.094	.111	.116	.118	.114	.110	.090
,, 8, ...	.104	.104	.094	.094	.093	.115	.133	.157	.179	.184	.180	.146	.121	.099	.082	.084	.100	.111	.119	.126	.137	.147	.156	.155	.126
,, 9, ...	.138	.113	.105	.102	.101	.116	.120	.125	.128	.139	.109	.079	.059	.047	.030	.021	.026	.028	.040	.051	.070	.069	.066	.063	.081
,, 10, ...	.036	.014	29.999	29.997	.003	.019	.032	.049	.050	.042	.026	29.998	29.969	29.944	29.931	29.937	29.943	29.950	29.963	29.973	29.975	29.992	29.995	29.983	29.993
,, 11, ...	29.957	29.937	.938	.938	29.959	29.981	29.999	29.958	.014	.021	.011	.976	.948	.925	.918	.917	.939	.948	.963	.957	.972	.977	.977	.972	.969
,, 12, ...	.957	.944	.942	.945	.956	.974	.992	30.009	.037	.041	.029	30.014	.969	.948	.940	.942	.954	.967	.984	.998	30.003	30.010	30.020	30.014	.983
,, 13, ...	30.007	.990	.984	.984	.990	30.002	30.012	.037	.058	.054	.039	.007	.974	.946	.936	.941	.947	.966	.977	.984	29.994	29.999	29.993	29.993	.992
,, 14, ...	29.986	.977	.959	.971	.976	29.986	29.993	.012	.026	.034	.005	29.976	.942	.922	.921	.925	.927	.937	.950	.961	.952	.964	.975	.969	.969
,, 15, ...	.975	.953	.950	.950	.954	.954	.957	29.987	.008	29.987	29.981	.963	.935	.913	.916	.918	.929	.940	.947	.966	.966	.967	.975	.969	.959
,, 16, ...	.973	.970	.974	.981	.971	.994	30.022	30.022	.055	30.051	30.034	.997	.957	.934	.926	.921	.914	.925	.929	.951	.936	.936	.934	.926	.967
,, 17, ...	.925	.915	.907	.907	.900	.916	29.933	29.948	29.966	.002	29.991	.961	.930	.903	.898	.892	.900	.914	.933	.952	.969	.970	.970	.964	.936
,, 18, ...	.953	.945	.945	.952	.954	.968	.998	30.008	30.019	.034	30.025	30.027	.995	.940	.927	.930	.945	.965	.979	.992	.998	30.012	30.013	.993	.981
,, 19, ...	.998	.993	.985	.974	.975	.986	.998	.016	.042	.053	.043	.010	.975	.944	.936	.943	.964	.989	30.003	30.028	30.043	.048	.047	30.046	30.002
,, 20, ...	30.042	30.035	30.012	30.009	30.003	30.022	30.042	.049	.076	.094	.097	.071	30.040	30.018	30.012	30.015	30.036	30.046	.060	.082	.081	.094	.096	.083	.051
,, 21, ...	.082	.067	.051	.050	.049	.059	.073	.088	.112	.113	.099	.076	.040	.015	29.995	29.999	.004	.005	.020	.046	.041	.038	.039	.040	.050
,, 22, ...	.038	.035	.019	.011	.011	.009	.015	.035	.050	.050	.043	.019	29.978	29.940	.936	.937	29.946	29.958	29.969	29.982	29.975	29.972	29.973	29.963	29.994
,, 23, ...	29.943	29.930	29.897	29.880	29.874	29.870	29.883	29.905	29.912	29.922	29.905	29.878	.844	.813	.799	.793	.793	.797	.804	.812	.825	.825	.826	.813	.856
,, 24, ...	.802	.785	.771	.764	.759	.773	.785	.808	.826	.867	.864	.847	.826	.805	.795	.813	.846	.866	.884	.895	.908	.908	.907	.904	.834
,, 25, ...	.901	.877	.850	.856	.857	.864	.894	.914	.917	.948	.963	.927	.912	.894	.896	.924	.915	.917	.949	.938	.956	.968	.971	.977	.916
,, 26, ...	.979	.958	.951	.958	.939	.939	.963	.986	.993	.984	30.000	.998	.944	.918	.913	.900	.917	.938	.949	.972	.991	.985	.984	.982	.960
,, 27, ...	.985	.989	.969	.962	.964	.978	.992	30.003	30.010	30.017	.002	.976	.947	.936	.927	.925	.938	.941	.948	.965	.969	.971	.956	.956	.968
,, 28, ...	.937	.932	.912	.894	.879	.879	.897	29.908	29.936	29.931	29.903	.873	.854	.834	.825	.827	.828	.834	.863	.871	.870	.882	.875	.866	.880
,, 29, ...	.863	.854	.839	.830	.827	.833	.853	.874	.883	.885	.880	.859	.831	.812	.796	.800	.823	.835	.836	.870	.885	.891	.896	.899	.852
,, 30, ...	.903	.882	.880	.849	.845	.880	.904	.936	.946	.958	.950	.925	.897	.879	.856	.879	.880	.888	.891	.908	.917	.918	.911	.920	.900
,, 31, ...	.895	.903	.887	.869	.873	.887	.918	.957	.968	.979	.976	.942	.924	.900	.889	.896	.897	.913	.920	.937	.947	.966	.943	.938	.922
Hourly Means, ...	29.981	29.971	29.961	29.956	29.955	29.966	29.984	30.004	30.020	30.027	30.015	29.987	29.955	29.930	29.921	29.924	29.935	29.947	29.962	29.977	29.985	29.990	29.990	29.986	29.972

TABLE II.

TEMPERATURE FOR THE MONTH OF JANUARY, 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Jan. 1	60.1	59.5	59.2	60.1	59.4	60.3	60.6	61.7	63.4	65.2	66.2	68.1	69.4	68.5	66.7	64.0	62.2	61.6	61.3	61.3	61.0	60.9	60.0	60.3	62.5	69.7	59.1
„ 2	60.0	60.0	60.3	60.2	60.6	60.2	60.5	60.7	61.9	63.4	63.6	62.7	63.9	63.1	62.5	60.3	59.3	58.6	58.6	58.5	58.6	58.4	58.5	58.6	60.5	64.1	58.4
„ 3	58.8	58.8	58.6	58.9	59.2	59.8	60.7	60.9	61.8	62.6	63.0	63.6	62.7	62.7	62.7	62.1	61.5	61.0	61.1	61.5	61.6	61.1	61.1	61.1	61.1	63.6	58.2
„ 4	61.0	60.6	60.4	60.4	60.4	60.5	60.8	61.0	61.8	62.2	62.2	62.8	62.8	61.7	61.8	61.7	61.0	60.8	60.7	60.7	60.7	60.6	60.5	60.4	61.1	62.8	60.3
„ 5	60.4	60.4	60.6	60.6	60.5	60.6	60.7	60.7	61.3	61.8	62.2	63.6	64.9	66.7	64.7	63.6	61.7	58.1	55.4	53.5	53.1	51.2	50.0	50.3	59.4	66.7	50.0
„ 6	50.1	50.1	50.3	52.5	50.2	50.8	51.7	52.5	55.3	56.4	57.2	58.8	59.1	59.6	57.7	56.9	57.0	56.1	56.0	56.2	56.0	56.3	56.9	57.0	55.0	59.7	50.0
„ 7	57.0	56.9	56.9	56.5	56.1	55.9	56.0	56.5	56.9	57.8	58.6	57.9	57.0	56.8	57.6	57.4	56.4	55.7	56.2	56.7	57.2	57.7	57.6	57.7	57.0	58.6	55.7
„ 8	57.4	57.5	57.0	56.7	56.5	56.4	56.6	56.8	57.6	58.5	58.3	59.0	58.3	57.8	57.9	57.9	57.4	57.1	57.4	57.9	58.1	58.6	58.6	58.4	57.7	59.0	56.4
„ 9	58.3	58.2	57.6	57.0	56.2	56.2	56.3	56.7	57.2	58.0	58.6	59.2	58.8	58.7	59.8	59.4	59.9	59.0	58.9	59.3	59.2	59.4	59.9	59.8	58.4	60.0	56.1
„ 10	59.3	59.3	59.3	60.3	60.3	60.4	61.3	62.6	64.5	65.1	66.1	66.2	66.4	65.7	65.7	66.4	65.7	64.1	64.0	63.0	62.7	62.9	62.4	62.4	63.3	67.7	59.3
„ 11	63.0	62.7	63.0	63.0	63.1	62.9	63.5	65.6	67.7	68.8	69.7	69.6	68.7	67.7	66.7	65.5	65.5	64.1	63.9	63.4	63.7	63.7	63.5	64.2	65.1	69.7	62.4
„ 12	64.5	63.3	62.3	61.6	61.9	61.0	61.0	60.8	61.6	62.5	62.2	62.4	63.3	63.2	62.8	62.0	62.0	61.7	61.6	61.1	61.0	61.0	60.9	60.8	61.9	64.5	60.8
„ 13	60.8	60.6	60.5	60.6	60.9	61.0	60.4	60.9	62.1	63.4	64.8	65.6	66.8	68.7	69.6	69.3	65.6	63.3	63.6	63.9	64.1	63.9	63.3	63.0	63.6	69.6	60.3
„ 14	63.0	63.1	63.1	62.5	62.0	62.1	61.6	62.2	63.6	63.3	64.3	63.8	63.6	62.7	63.1	62.2	61.7	61.2	61.1	61.0	60.9	60.8	60.7	60.9	62.3	64.3	60.6
„ 15	60.7	60.1	60.1	60.0	59.9	59.6	59.4	59.7	60.2	61.0	60.8	59.8	59.6	60.5	60.6	60.7	59.9	59.3	59.6	60.2	60.3	60.3	60.0	59.5	60.1	61.0	59.3
„ 16	59.2	58.8	58.7	58.0	57.6	57.3	57.2	57.7	58.8	59.8	60.0	60.8	60.9	62.0	61.7	60.8	60.4	60.5	60.4	60.5	61.0	61.3	60.7	60.0	59.8	62.3	57.1
„ 17	60.1	60.1	59.9	59.4	58.9	58.6	58.7	58.9	60.5	60.7	61.6	61.5	62.7	64.7	64.9	65.6	64.3	62.9	62.8	62.4	61.9	60.8	60.7	60.8	61.4	65.8	58.6
„ 18	59.9	58.9	59.7	59.6	59.5	59.8	60.5	60.6	60.2	61.2	61.0	61.8	61.7	61.2	61.3	60.2	60.0	59.1	59.8	60.0	60.3	60.3	59.8	59.7	60.3	62.0	58.8
„ 19	59.9	59.7	59.5	59.6	59.6	59.5	59.5	59.7	60.7	61.8	62.7	63.7	63.7	63.8	63.6	62.9	61.7	59.1	58.5	57.0	56.8	56.5	56.3	56.0	60.1	63.8	55.9
„ 20	55.6	55.2	54.9	54.0	54.5	53.6	54.1	55.7	55.8	55.6	56.5	57.8	57,2	58.5	57.2	57.5	56.9	57.0	56.7	56.7	56.7	56.4	56.9	56.8	56.2	58.5	53.5
„ 21	55.6	55.6	55.0	55.2	54.7	55.1	54.9	56.5	56.7	58.5	59.6	59.4	60.7	59.5	59.8	58.3	57.6	56.9	57.1	58.2	58.6	59.0	58.9	58.7	57.5	60.7	54.5
„ 22	58.7	58.5	58.4	58.3	58.0	58.2	58.8	60.4	60.7	61.9	61.8	61.1	61.9	62.7	63.6	63.4	62.9	62.0	62.4	61.7	62.0	61.7	62.0	62.1	61.0	63.8	58.0
„ 23	62.3	61.9	61.5	62.7	62.7	62.7	63.1	63.1	62.9	61.6	61.9	63.0	64.9	64.9	64.2	64.2	62.7	61.4	61.5	61.3	61.5	61.8	61.8	61.8	62.6	65.4	61.3
„ 24	61.8	61.8	61.7	61.3	61.3	61.5	61.3	61.5	61.8	60.0	60.5	60.0	60.3	62.6	64.7	62.4	59.0	55.8	55.5	57.0	57.2	56.9	56.0	56.3	59.9	64.9	55.2
„ 25	54.9	54.1	54.0	53.1	52.9	53.5	53.0	52.4	52.7	52.7	52.4	51.1	50.9	50.2	49.9	50.0	50.9	51.7	51.9	52.2	53.0	52.9	53.1	50.4	52.2	56.5	49.2
„ 26	50.4	49.8	50.9	50.9	52.9	52.7	51.6	49.9	51.1	52.4	52.7	53.5	53.4	53.7	52.8	52.7	50.0	50.2	50.2	50.5	50.9	52.1	51.1	51.1	51.6	54.6	49.8
„ 27	50.8	50.4	50.5	51.1	50.5	51.6	51.8	52.7	55.6	55.7	55.4	55.8	56.7	56.7	55.3	54,9	54.3	54.5	54.1	54.1	53.8	54.0	54.3	54.6	53.7	57.1	50.4
„ 28	55.4	54.1	53.9	53.0	53.2	53.8	53.4	52.8	53.0	54.6	54.6	55.6	55.5	54.1	54.0	52.9	53.2	53.0	51.5	52.2	52.6	52.6	52.9	52.1	53.5	55.6	51.5
„ 29	52.0	51.1	50.9	51.6	51.5	51.3	50.9	51.3	51.7	52.6	52.9	54.4	54.5	57.4	57.5	57.7	55.8	55.8	55.5	54.8	52.5	52.3	51.6	51.8	53.3	58.2	50.5
„ 30	51.8	51.5	51.8	51.9	52.9	51.9	51.7	52.7	53.0	53.3	53.4	55.2	54.9	55.8	55.5	54.6	54.0	53.9	53.7	53.6	53.4	53.5	53.0	52.6	53.3	56.0	51.3
„ 31	53.2	52.4	52.8	51.5	51.3	51.4	50.5	50.6	50.6	50.7	50.5	52.7	52.6	53.4	53.8	52.8	52.3	52.0	51.4	50.7	49.3	49.2	49.5	50.8	51.5	54.5	48.9
Hourly Means	57.9	57.6	57.5	57.5	57.4	57.4	57.5	57.9	58.8	59.5	59.8	60.3	60.6	60.8	60.7	60.0	59.1	58.3	58.1	58.1	58.1	58.0	57.8	57.7	58.6	62.0	55.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JANUARY, 1887.

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.	Sun.	Rad.
Jan. 1	58.6	57.9	57.8	57.9	57.8	58.2	58.6	59.5	60.3	60.1	60.9	61.5	61.9	60.7	59.6	60.7	59.9	59.2	58.8	58.4	58.4	58.3	58.0	58.3	59.2	120.6	52.6
,, 2	58.5	58.5	58.0	59.1	59.1	59.2	59.6	59.6	60.0	60.8	60.9	60.2	61.1	60.4	60.1	59.1	58.2	57.5	57.6	57.5	57.7	57.2	57.0	57.1	58.9	120.6	57.0
,, 3	57.2	57.0	57.0	57.2	57.2	57.7	57.5	57.6	58.5	58.2	58.7	59.3	59.3	59.5	59.3	58.6	58.9	58.6	59.1	59.6	59.4	59.1	59.0	58.5	58.4	122.6	57.2
,, 4	58.6	58.1	57.8	57.9	58.0	58.1	57.6	58.4	58.4	58.3	58.7	58.9	58.9	58.7	59.3	58.5	58.7	58.1	58.5	58.7	58.8	58.5	58.4	57.8	58.4	120.5	58.8
,, 5	57.8	57.9	57.9	57.8	57.8	57.6	57.7	57.6	58.0	58.5	58.7	59.3	59.5	60.1	58.1	56.8	55.1	51.6	49.6	48.3	47.1	45.3	44.8	44.8	54.9	128.0	49.3
,, 6	44.3	44.5	44.1	45.5	45.2	44.8	45.7	45.8	48.3	48.7	49.9	50.6	49.7	51.3	49.7	49.7	50.7	49.8	50.2	50.5	50.9	51.2	51.6	51.6	48.5	128.5	44.0
,, 7	51.9	51.5	52.0	52.0	51.7	51.3	51.4	51.5	51.9	52.4	52.3	52.2	51.6	50.9	52.4	51.8	51.2	51.1	51.5	52.2	52.9	53.7	53.8	53.2	52.0	125.4	54.1
,, 8	53.3	52.9	52.7	52.3	51.9	52.0	52.1	52.2	52.7	52.4	52.0	52.4	53.5	53.5	53.6	53.5	53.2	53.6	53.7	54.4	54.5	54.7	54.6	54.3	53.2	117.3	54.5
,, 9	54.2	54.0	53.4	52.9	52.6	52.5	52.9	53.4	53.5	53.7	54.4	55.0	54.8	55.1	57.1	55.5	55.9	55.7	56.0	56.3	56.7	55.8	56.1	55.9	54.7	111.3	54.9
,, 10	56.2	55.9	56.3	56.8	57.1	57.5	57.9	59.2	60.6	61.9	61.7	62.1	62.5	62.2	62.5	62.6	62.3	61.8	61.8	61.4	61.5	61.7	61.6	61.7	60.3	124.1	57.5
,, 11	61.9	61.8	62.1	62.2	62.4	62.2	62.6	63.6	64.5	65.4	65.7	66.0	65.9	65.5	64.9	64.2	63.7	62.0	61.7	61.7	62.2	62.7	62.7	63.6	63.4	130.7	61.0
,, 12	64.0	62.8	61.6	61.0	60.5	60.5	60.8	60.5	61.2	61.4	61.3	61.5	62.1	61.9	61.5	60.7	60.7	60.7	60.5	60.2	60.1	59.8	60.1	59.9	61.1	110.5	60.3
,, 13	60.1	59.8	59.6	59.9	60.0	60.2	60.0	60.4	60.9	61.5	62.3	62.6	63.5	64.5	64.6	64.7	63.1	62.0	62.6	63.0	63.0	62.6	62.2	61.9	61.9	140.4	59.5
,, 14	61.9	60.8	61.1	60.6	59.1	58.2	58.4	58.6	59.5	58.9	59.5	59.2	58.6	58.5	58.1	58.1	57.9	57.9	57.9	57.9	57.9	57.8	57.6	57.5	58.8	130.4	60.0
,, 15	57.5	57.3	57.1	56.7	56.7	56.6	56.2	56.5	56.5	56.7	56.7	56.5	55.9	56.7	56.7	56.0	55.8	56.3	56.7	57.4	57.6	57.3	56.9	56.7	56.7	113.1	58.9
,, 16	56.7	56.2	56.3	55.9	55.7	55.9	56.0	55.8	56.5	56.2	56.5	56.8	56.8	57.6	57.2	56.9	57.3	57.6	57.9	57.8	57.9	58.6	58.7	58.7	57.0	127.9	56.6
,, 17	58.7	58.8	58.8	58.7	58.4	58.2	58.4	58.5	59.4	59.4	60.2	60.5	60.6	61.0	61.1	60.4	60.0	59.7	59.9	59.4	58.1	57.4	57.0	57.2	59.2	109.4	58.2
,, 18	56.8	56.1	56.4	56.4	56.3	56.9	56.7	56.4	56.5	56.5	56.8	56.6	56.5	56.9	57.6	57.0	57.2	56.7	57.1	57.4	57.4	57.8	58.0	57.5	56.9	125.9	56.8
,, 19	57.4	57.7	57.8	58.1	58.2	58.4	58.4	58.4	57.3	57.6	58.2	58.4	57.6	57.2	56.7	56.0	54.5	52.5	52.4	52.1	51.9	51.6	51.3	51.3	55.9	96.5	56.5
,, 20	51.4	51.0	51.3	49.9	51.1	50.4	50.8	51.6	51.5	51.0	51.3	51.7	51.5	52.4	51.4	51.7	51.6	51.2	51.2	50.5	51.0	51.0	51.7	52.1	51.3	96.2	54.5
,, 21	50.3	50.7	49.8	50.6	49.8	50.8	50.4	51.7	51.8	52.7	53.6	53.1	54.7	54.5	54.4	54.0	53.7	53.6	53.9	54.9	55.5	55.7	56.0	55.8	53.0	129.9	54.3
,, 22	55.9	55.7	55.8	55.5	55.6	55.5	56.1	56.6	56.7	57.3	57.2	57.2	58.2	58.4	59.5	60.1	59.8	59.4	60.2	60.3	60.6	60.4	60.8	61.0	58.1	108.2	57.4
,, 23	60.9	60.2	59.4	60.2	60.4	59.9	60.1	60.5	60.6	60.7	60.8	61.5	62.7	62.5	62.4	62.5	62.3	61.4	61.2	60.8	61.0	61.5	61.5	61.7	61.1	119.7	59.6
,, 24	61.5	61.5	61.4	61.2	61.2	61.3	61.3	61.5	61.8	59.7	59.9	58.8	58.6	60.2	61.5	59.9	57.0	54.6	54.4	54.6	55.1	55.7	54.2	55.0	58.8	90.3	55.4
,, 25	53.7	52.1	52.8	51.6	51.6	52.5	51.9	50.8	50.6	50.6	50.7	50.1	49.6	49.4	48.4	48.2	49.5	50.5	50.7	51.0	51.8	51.6	51.7	49.0	50.8	59.0	51.7
,, 26	48.3	47.6	49.7	49.9	51.0	50.8	50.0	48.6	49.6	50.7	51.4	52.3	52.4	51.6	51.3	50.9	48.8	48.9	49.1	48.9	49.4	50.3	50.1	50.1	50.1	63.8	48.1
,, 27	49.6	48.9	49.3	49.8	49.4	50.5	51.0	51.5	53.2	53.1	52.9	53.5	54.0	53.7	53.5	53.4	53.1	53.3	52.6	53.0	51.9	52.7	52.6	52.5	52.0	75.3	49.8
,, 28	53.5	51.8	52.0	51.9	52.1	52.2	52.4	52.6	52.3	53.5	53.2	54.2	54.2	53.1	53.2	51.3	52.2	51.9	50.5	51.6	50.9	50.9	51.3	51.4	52.3	75.1	51.0
,, 29	50.8	50.6	49.8	50.3	50.0	50.0	49.5	48.5	49.9	49.9	49.9	50.6	51.2	52.7	52.3	51.8	50.2	50.6	50.8	50.1	49.8	50.2	49.7	50.1	50.4	105.3	49.9
,, 30	50.7	50.4	50.5	50.9	52.1	50.3	50.2	51.2	51.6	51.0	51.2	53.0	52.1	52.3	51.5	51.4	50.4	50.8	51.0	50.8	50.7	51.0	50.6	50.1	51.1	101.2	50.3
,, 31	50.9	50.1	51.2	49.5	50.0	50.1	48.7	49.5	49.3	48.4	48.5	49.5	49.1	49.7	49.9	49.3	49.1	49.0	48.6	48.5	48.0	48.0	48.7	49.1	49.3	81.5	48.3
Hourly Means,	55.6	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.9	56.0	56.3	56.6	56.7	56.9	56.8	56.3	55.9	55.4	55.4	55.5	55.5	55.5	55.4	55.3	55.7	110.0	54.8

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JANUARY, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	86	0.418	Jan. 1,.....	81	0.461
2 „	84	.411	„ 2,.....	91	.478
3 „	85	.412	„ 3,.....	84	.455
4 „	85	.412	„ 4,.....	84	.455
5 „	86	.413	„ 5,.....	73	.373
6 „	86	.413	„ 6,.....	59	.256
7 „	85	.412	„ 7,.....	69	.323
8 „	84	.412	„ 8,.....	72	.347
9 „	82	.415	„ 9,.....	78	.381
10 „	79	.409	„ 10,.....	83	.485
11 „	79	.414	„ 11,.....	91	.563
Noon.	78	.416	„ 12,.....	95	.529
1 p	77	.415	„ 13,.....	91	.532
2 „	77	.418	„ 14,.....	80	.451
3 „	77	.416	„ 15,.....	79	.417
4 „	78	.411	„ 16,.....	83	.429
5 „	81	.411	„ 17,.....	87	.476
6 „	81	.407	„ 18, ...	79	.419
7 „	83	.410	„ 19,.....	75	.393
8 „	84	.413	„ 20,.....	69	.315
9 „	81	.413	„ 21,.....	72	.344
10 „	84	.415	„ 22,.....	82	.447
11 „	84	.414	„ 23,.....	92	.520
Midt.	84	.412	„ 24,.....	94	.483
			„ 25,.....	90	.354
			„ 26,.....	90	.343
			„ 27,.....	89	.367
			„ 28,.....	92	.378
			„ 29,.....	80	.329
			„ 30,.....	85	.348
			„ 31,.....	85	.323
Mean, ...	82	0.413	Mean,.....	82	0.412

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.
1887.														
Jan. 1,	...	...	...	...	...	...	0.1	0.2	0.9	0.7	...	0.3	...	2.2
„ 2,	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.5
„ 3,	...	...	0.1	0.3	0.4	1.0	1.0	1.0	1.0	1.0	0.8	...	...	6.6
„ 4,	...	...	...	...	...	0.7	1.0	1.0	1.0	1.0	0.4	0.2	...	5.3
„ 5,	...	...	...	...	...	...	0.4	0.1	0.4	0.2	0.1	...	...	1.2
„ 6,	...	...	...	...	...	...	0.3	1.0	0.7	...	0.5	...	...	2.5
„ 7,	...	...	...	0.9	1.0	1.0	0.6	1.0	1.0	1.0	0.7	...	...	7.2
„ 8,	...	...	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	8.6
„ 9,	...	...	...	...	0.6	0.4	...	...	...	0.3	0.5	...	...	1.8
„ 10,	...	...	...	...	0.4	0.1	...	...	0.3	1.0	1.0	...	...	2.8
„ 11,	...	...	...	1.0	0.8	0.7	1.0	0.6	0.5	...	...	...	...	4.6
„ 12,	...	...	...	...	0.1	...	...	...	...	...	...	...	...	0.1
„ 13,	...	...	...	0.1	0.1	0.1	1.0	0.9	1.0	1.0	0.6	0.5	...	5.3
„ 14,	...	...	0.1	...	0.3	1.0	1.0	0.6	...	...	...	...	...	3.0
„ 15,	...	...	...	0.4	0.6	0.2	0.1	0.1	0.1	0.1	...	...	...	1.6
„ 16,	...	...	...	...	0.2	1.0	0.1	0.9	1.0	0.6	0.1	...	...	3.0
„ 17,	...	...	...	0.3	...	...	...	...	...	0.1	0.3	0.1	...	0.8
„ 18,	...	...	0.3	0.3	...	0.5	0.1	0.8	1.0	1.0	1.0	0.3	...	5.3
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	0.4	...	...	...	...	...	...	...	...	...	...	0.4
„ 21,	...	...	...	...	...	...	0.5	1.0	1.0	1.0	1.0	0.5	...	5.0
„ 22,	...	...	0.5	0.1	...	...	...	...	...	...	...	...	...	0.6
„ 23,	...	...	0.3	...	...	...	...	0.2	0.1	...	...	...	...	0.6
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	0.2
„ 27,	...	...	0.1	0.1	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	0.1	0.5	...	...	...	0.6
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	...	3.1	5.4	6.5	7.8	9.2	11.1	12.1	11.5	9.0	2.8	...	78.8
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF JANUARY, 1887.

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.
Jan. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	...	0·005
,, 12,	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	0·005	0·015
,, 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 17,	...	...	...	...	0·005	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010
,, 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	...	0·005
,, 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 23,	...	0·005	...	0.005	...	0·005	...	0·010	0·010	0·005	0·005	...	...	...	...	0·005	0·010	...	...	0·005	...	...	...	0·005	0·070
,, 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	0·010
,, 25,	0·035	0·010	0·015	0·015	0·050	0·035	0·030	0·060	0·005	...	...	0·035	0·050	0·115	...	0·140	0·210	0·165	0·085	0·035	0·125	0·210	0.470	0·150	2·045
,, 26,	0·020	0·065	0·025	0·225	0·085	0·020	0·370	0·050	0·400	0·370	0·185	0·125	0·180	0·030	0·300	0·090	0·235	0·180	0·110	0·070	0·110	0·175	0·280	0·220	3·920
,, 27,	0·200	...	...	0·100	0·100	0·200	0·100	...	...	...	...	...	...	...	...	0·015	0·050	0·035	0·005	...	...	...	...	...	0·805
,, 28,	...	...	0·005	0·030	...	0·025	0·125	0·360	0·150	0·030	...	0·015	0·030	0·095	0·035	0·015	0·010	0·025	0·060	...	...	...	0·013	...	1·025
,, 29,	0·005	0·015	0·005	0·005	0·030	...	...	0·050	...	...	...	...	...	...	...	...	...	...	...	...	0·010	...	0·090	0·005	0·215
,, 30,	0·005	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	0·010
,, 31.	...	...	...	..	...	...	0·010	0·095	...	...	...	...	...	...	...	...	...	...	...	0·010	0·025	0·080	0·035	0·040	0·295
Sums,	0·265	0·100	0·050	0·380	0·270	0·285	0·635	0·625	0·570	0·410	0·190	0·175	0·260	0·240	0·335	0·265	0·515	0·410	0·260	0·120	0·270	0·465	0·900	0·435	8·430

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JANUARY, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
Jan. 1.	...	0	...	0	...	0	...	0	...	0	20	3	24	3	24	2	...	1	...	1	24	3	24	5	7	7	8	12	8	15	7	15	7	17	7	17	7	13	7	13	7	12	7	12	7	8	8	11	170	7.1
" 2.	8	8	7	7	10	7	8	11	8	11	9	15	9	19	8	14	8	9	8	13	9	20	8	23	8	23	8	22	8	26	8	25	8	24	8	19	9	21	8	19	9	20	8	23	8	22	8	25	426	17.7
" 3.	7	20	8	21	7	19	7	21	7	18	7	23	7	23	7	26	6	24	7	26	7	28	7	27	9	39	8	42	7	31	7	32	7	30	7	22	7	19	7	19	7	21	7	23	7	21	7	25	600	25.0
" 4.	7	26	7	28	7	26	8	28	8	25	8	24	7	19	8	19	7	18	7	18	7	24	7	24	8	22	9	25	9	24	7	21	7	23	7	19	7	21	7	24	7	24	7	26	7	23	7	25	556	23.2
" 5.	7	26	7	25	7	23	7	23	7	24	7	21	7	18	7	18	8	14	8	11	8	13	9	11	10	6	30	7	31	13	31	13	30	15	1	17	1	15	1	16	1	13	32	16	31	12	31	9	379	15.8
" 6.	30	13	31	9	32	15	2	12	31	5	32	7	31	3	32	8	2	4	32	4	4	9	6	9	6	20	7	18	7	19	8	19	7	19	7	19	7	14	6	13	6	15	6	14	7	21	7	25	314	13.1
" 7.	7	23	7	23	6	21	7	22	7	23	7	22	7	23	7	21	7	23	7	21	9	26	10	28	10	26	9	23	9	24	9	25	7	17	7	17	6	15	7	19	7	19	7	22	7	25	6	23	531	22.1
" 8.	7	22	6	24	6	24	7	28	7	30	6	27	7	26	7	26	7	28	8	23	7	28	7	28	9	30	9	31	8	29	7	25	6	22	7	24	7	25	6	27	7	29	7	26	7	28	7	30	640	26.7
" 9.	7	31	6	30	6	25	7	25	7	22	7	19	7	21	6	23	6	27	7	28	6	32	6	28	7	25	7	24	8	24	7	23	6	15	7	21	6	22	7	20	6	21	6	21	6	19	7	24	570	23.8
" 10.	7	23	7	20	7	22	7	15	8	18	7	18	8	15	9	11	8	12	9	14	8	15	9	14	9	19	9	18	7	22	8	20	7	22	7	20	9	24	7	25	8	24	8	19	8	13	8	17	440	18.3
" 11.	8	19	10	8	...	1	...	1	...	0	...	0	...	1	...	1	9	10	10	13	10	14	10	18	8	23	9	21	9	20	8	21	10	15	8	20	7	19	7	20	9	16	10	15	11	8	11	3	287	12.0
" 12.	10	17	8	27	9	28	8	28	7	29	7	28	8	31	8	27	7	24	8	25	8	23	7	15	8	22	8	23	8	25	8	24	8	23	7	18	8	22	7	25	8	24	8	23	8	21	8	20	572	23.8
" 13.	8	21	7	22	7	23	8	19	9	18	9	19	8	22	8	18	9	18	9	14	9	18	10	15	10	8	10	4	20	9	23	4	25	8	25	8	25	6	25	2	25	4	25	5	...	1	...	1	287	12.0
" 14.	4	9	5	8	6	5	6	6	5	5	3	8	3	5	3	5	8	10	9	14	9	20	8	24	9	22	9	23	9	22	9	22	9	21	9	20	9	23	8	27	7	25	6	28	6	27	6	31	410	17.1
" 15.	6	28	7	28	7	27	7	27	7	28	7	34	7	34	7	32	7	30	7	35	6	34	7	33	6	30	6	32	7	27	6	27	6	29	6	28	6	30	6	28	6	28	6	31	6	29	6	29	718	29.9
" 16.	6	29	6	32	6	29	7	27	7	32	6	30	6	31	7	33	7	34	7	36	7	29	7	29	7	30	7	31	8	32	8	31	8	27	9	25	8	25	7	30	7	24	6	21	7	18	7	23	688	28.7
" 17.	8	20	8	22	8	26	9	28	8	29	7	26	8	28	8	20	8	22	8	14	8	7	8	8	8	7	...	1	8	4	8	4	8	4	8	2	8	3	8	3	8	4	8	4	8	3	8	6	295	12.3
" 18.	8	7	8	9	8	13	8	15	8	9	8	4	8	14	7	26	7	30	7	21	7	22	8	21	8	25	8	31	9	29	10	20	10	19	8	17	8	15	9	18	7	13	7	13	8	15	8	17	423	17.6
" 19.	7	16	8	14	8	6	8	3	...	1	...	0	8	5	8	3	8	3	3	2	1	7	23	8	31	5	30	7	32	13	32	7	31	9	32	14	32	13	1	7	1	7	1	3	1	5	1	5	163	6.8
" 20.	32	8	32	10	32	4	30	8	30	3	30	3	24	5	1	6	25	13	24	12	24	12	23	11	24	15	24	14	25	16	25	15	30	7	31	7	32	3	32	6	32	3	32	2	...	0	24	4	187	7.8
" 21.	30	4	30	3	30	5	30	3	30	4	...	1	30	2	...	1	2	5	9	12	9	9	23	8	3	8	9	17	9	21	9	19	9	22	9	17	8	13	6	13	7	17	7	20	7	20	8	22	266	11.1
" 22.	7	25	7	24	7	25	7	19	6	12	8	12	8	10	7	12	9	13	8	15	8	14	8	14	10	14	8	13	8	10	10	7	25	4	25	3	14	3	12	8	10	12	9	12	7	14	8	10	305	12.7
" 23.	8	14	7	17	8	16	10	14	8	18	8	20	8	22	9	22	7	22	8	16	10	13	11	13	10	19	8	23	9	21	9	18	9	22	8	21	8	20	8	23	8	22	8	21	7	18	8	22	457	19.0
" 24.	8	24	9	23	9	21	8	18	7	23	7	23	8	26	8	25	8	25	27	15	26	13	25	15	26	14	22	8	19	2	22	11	24	21	26	25	26	16	2	9	26	6	24	8	25	12	23	10	393	16.4
" 25.	25	14	26	7	31	5	32	2	31	3	...	1	29	5	14	7	32	5	28	6	27	5	26	4	29	9	32	6	4	8	6	5	1	5	3	4	27	8	10	15	7	11	30	6	4	12	32	9	162	6.7
" 26.	29	10	1	12	8	7	1	8	4	12	5	19	3	14	31	9	3	12	6	15	30	9	6	8	30	8	6	10	2	7	5	18	32	10	32	11	31	8	32	5	30	7	4	9	1	5	1	4	237	9.9
" 27.	30	4	1	7	1	3	28	5	29	3	29	4	7	9	9	11	6	15	6	10	8	13	11	8	11	11	11	3	22	6	22	7	24	7	24	5	24	2	1	4	2	5	10	3	28	5	27	6	156	6.5
" 28.	8	9	27	8	31	7	32	4	31	2	31	4	29	5	3	3	24	7	26	5	27	8	24	7	25	12	27	13	25	12	27	13	25	7	26	10	27	7	20	3	29	7	26	7	26	9	23	7	176	7.3
" 29.	22	9	24	10	24	10	26	3	24	5	23	5	21	8	26	4	32	3	21	5	22	9	23	12	23	12	21	7	22	10	26	6	32	6	32	2	22	3	29	6	28	7	30	4	28	3	25	6	155	6.5
" 30.	...	1	20	6	24	4	9	5	9	7	26	13	27	12	26	5	24	5	25	9	26	3	23	7	25	9	23	6	23	7	29	10	32	8	32	7	32	5	32	4	32	4	32	2	32	4	32	6	149	6.2
" 31.	3	5	30	8	3	6	32	5	2	4	30	6	32	8	28	5	1	5	1	4	32	5	1	7	32	6	2	4	1	9	1	6	3	10	31	5	2	6	2	5	32	8	31	7	3	6	2	10	150	6.3
Sums.	...	485	...	492	...	453	...	433	...	423	...	439	...	467	...	443	...	471	...	457	...	485	...	482	...	526	...	519	...	537	...	513	...	488	...	464	...	439	...	456	...	452	...	446	...	427	...	465	11262	469.4
Hourly Means.	...	15.6	...	15.9	...	14.6	...	14.0	...	13.6	...	14.2	...	15.1	...	14.3	...	15.2	...	14.7	...	15.6	...	15.5	...	17.0	...	16.7	...	17.3	...	16.5	...	15.7	...	15.0	...	14.2	...	14.7	...	14.6	...	14.4	...	13.8	...	15.0	363.3	15.1

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JANUARY, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.0	13.1	0.3	1.2	+1.7	+12.0	E 8° N
2 „	2.9	12.8	0.2	1.0	2.7	11.8	E 13° N
3 „	2.5	12.3	0.1	0.5	2.5	11.8	E 12° N
4 „	1.5	12.4	0.2	0.3	1.3	12.0	E 6° N
5 „	1.2	12.5	0.0	0.3	1.2	12.2	E 6° N
6 „	2.1	12.1	0.1	0.8	2.0	11.3	E 10° N
7 „	1.7	13.1	0.2	1.0	1.5	12.1	E 7° N
8 „	1.4	12.6	0.2	0.4	1.2	12.2	E 6° N
9 „	1.7	13.3	0.0	0.8	1.7	12.5	E 8° N
10 „	1.1	12.6	0.2	1.4	0.9	11.2	E 5° N
11 „	2.1	12.7	0.4	1.5	+1.6	11.2	E 8° N
Noon.	0.8	12.1	1.2	2.5	−0.4	9.7	E 2° S
1 p.	1.7	13.3	1.1	2.2	+0.6	11.1	E 3° N
2 „	1.5	14.2	0.4	1.5	1.1	12.7	E 5° N
3 „	1.5	14.0	0.4	1.8	1.1	12.2	E 5° N
4 „	2.2	13.1	0.5	1.8	1.7	11.3	E 9° N
5 „	2.8	11.7	0.4	1.8	2.4	9.9	E 14° N
6 „	2.8	11.1	0.0	1.5	2.8	9.6	E 16° N
7 „	2.9	10.9	0.1	1.1	2.7	9.7	E 16° N
8 „	2.8	12.2	0.4	0.3	2.4	11.9	E 11° N
9 „	2.5	12.0	0.1	0.7	2.4	11.3	E 12° N
10 „	2.8	11.7	0.2	0.7	2.6	11.0	E 13° N
11 „	2.4	11.4	0.2	0.8	2.2	10.5	E 12° N
Midt.	2.4	12.2	0.1	1.0	+2.4	+11.2	E 12° N
Mean,.....	2.1	12.5	0.3	1.1	+1.8	+11.3	E 9° N

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Jan. 1,.....	...	...	0	E	3	1	E	4	1	E	4	[illegible]
„ 2,.....	...	...	1	E	3	1	E	4	1	E	4	[illegible]
„ 3,.....	...	...	2	E	6	2	E	6	3	E	6	[illegible]
„ 4,.....	...	...	4	E	4	3	E	5	3	E	5	[illegible]
„ 5,.....	...	...	2	E	4	2	NE	5	2	NE	5	[illegible]
„ 6,.....	...	...	2	NE	4	2	ENE	5	3	E	5	[illegible]
„ 7,.....	...	...	3	E	5	3	E	6	3	E	7	[illegible]
„ 8,.....	...	...	4	E	6	4	E	6	4	E	6	[illegible]
„ 9,.....	...	...	3	E	6	3	E	6	3	E	5	[illegible]
„ 10,.....	...	...	3	E	6	3	ESE	5	3	E	4	[illegible]
„ 11,.....	...	...	1	E	4	1	E	4	1	E	4	[illegible]
„ 12,.....	...	...	2	E	4	2	E	4	1	E	4	[illegible]
„ 13,.....	...	...	0	E	4	1	E	4	0	E	4	[illegible]
„ 14,.....	...	...	1	E	4	1	E	4	2	E	6	[illegible]
„ 15,.....	...	...	4	E	6	3	E	6	3	E	6	[illegible]
„ 16,.....	...	...	4	E	6	4	E	4	2	E	5	[illegible]
„ 17,.....	...	...	2	E	4	2	E	3	0	E	3	[illegible]
„ 18,.....	...	...	0	E	5	3	E	4	2	E	4	[illegible]
„ 19,.....	...	...	0	E	4	0	NW	5	1	NW	5	[illegible]
„ 20,.....	...	...	1	ENE	4	1	NNW	4	1	NW	4	[illegible]
„ 21,.....	...	...	1	ENE	4	2	NE	5	2	E	5	[illegible]
„ 22,.....	...	...	3	E	6	4	E	5	2	E	5	[illegible]
„ 23,.....	...	...	1	ESE	4	1	SE	4	2	SE	4	[illegible]
„ 24,.....	...	...	0	SE	3	0	NW	4	0	NE	4	[illegible]
„ 25,.....	...	...	0	NE	5	1	NE	5	1	NE	6	[illegible]
„ 26,.....	...	...	2	E	6	3	E	6	2	E	6	[illegible]
„ 27,.....	...	...	1	E	6	2	E	5	1	E	5	[illegible]
„ 28,.....	...	...	1	E	6	2	NW	5	2	NW	4	[illegible]
„ 29,.....	...	...	0	NW	4	0	NNE	5	0	NW	4	[illegible]
„ 30,.....	...	...	1	E	4	1	NW	5	1	NNE	6	[illegible]
„ 31,.....	...	...	1	E	5	1	NW	6	2	NW	6	[illegible]
Mean,.....	...	...	1.6	E 3° N	4.7	1.9	E 19° N	4.8	1.7	E 16° N	4.9	[illegible]

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
1,.....	28.191	28.177	28.168	61.6	59.8	58.2	120.9	63.9	54.7	52.2
2,.....	.232	.157	.161	62.6	63.6	61.6	125.3	65.3	58.1	53.2
3,.....	.216	.145	.141	57.2	55.4	52.2	112.1	62.1	52.1	49.2
4,.....	.220	.123	.139	55.0	57.6	54.0	111.0	58.3	51.7	50.2
5,.....	.227	.162	.272	54.5	56.6	51.6	118.7	59.5	51.1	47.2
6,.....	.320	.237	.283	48.6	50.6	47.6	124.2	52.5	46.7	46.2
7,.....	.331	.253	.303	50.6	52.6	49.6	112.1	53.5	47.6	45.2
8,.....	.360	.284	.325	53.2	52.4	50.6	109.9	54.7	47.7	47.2
9,.....	.312	.217	.279	50.6	52.6	50.6	91.3	53.9	47.3	49.2
10,.....	.269	.189	.248	55.7	58.8	56.6	118.7	60.1	50.6	49.2
11,.....	.265	.188	.251	60.6	62.6	60.6	128.5	63.9	56.6	56.2
12,.....	.257	.197	.249	59.6	60.6	59.6	135.9	61.1	57.7	54.2
13,.....	.284	211	.229	59.6	60.6	60.6	133.8	62.1	58.7	52.8
14,.....	.253	.165	.178	58.6	59.6	56.0	114.3	60.7	55.7	51.2
15,.....	.200	.133	.140	54.5	54.6	53.4	82.0	56.0	51.7	49.2
16,.....	.240	.155	.112	53.0	55.6	53.8	118.7	57.1	50.7	48.2
17,.....	.213	.141	.175	55.8	57.0	55.2	114.3	58.1	53.7	51.2
18,.....	.250	.169	.222	54.6	56.6	53.4	111.0	57.3	52.7	51.2
19,.....	.259	.170	.241	56.0	54.6	51.4	100.6	56.1	50.7	43.2
20,.....	.284	.238	.279	52.6	51.0	50.6	88.7	53.5	48.7	46.2
21,.....	.299	.220	.244	51.5	54.8	51.6	111.0	56.1	47.7	47.2
22,.....	.255	.178	.160	52.8	54.7	54.2	94.5	55.6	50.7	51.2
23,.....	.158	.053	.111	56.6	58.8	58.0	103.7	61.3	54.2	54.3
24,.....	.105	.087	.141	60.6	57.6	54.6	108.8	62.8	51.7	46.2
25,.....	.138	.096	.115	52.6	48.6	49.6	73.6	54.9	45.7	41.2
26,.....	.175	.087	.118	46.6	48.8	48.6	68.0	51.7	46.6	41.2
27,.....	.198	.136	.107	49.0	49.6	48.6	61.1	51.3	46.7	47.2
28,.....	.127	.043	.037	50.0	49.6	47.6	71.5	50.7	46.7	42.2
29,.....	.112	.031	.096	48.8	48.6	47.6	100.4	50.9	45.7	43.2
30,.....	.144	.083	.093	49.2	49.6	48.6	101.1	51.3	46.7	44.3
31,.....	.148	.097	.106	47.6	47.6	46.8	79.9	50.3	45.7	41.2
Mean,.....	28.227	28.156	28.185	54.2	54.9	53.0	104.7	57.0	50.7	48.1

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Jan. 1,.....	73	82	85	82	91	89	0.453	0.489	0.454	0.451	0.473	0.434
" 2,.....	86	93	93	78	77	66	.500	.487	.454	.444	.456	.364
" 3,.....	75	80	88	85	91	94	.429	.448	.477	.401	.408	.371
" 4,.....	77	81	88	95	93	97	.437	.450	.465	.412	.412	.403
" 5,.....	81	64	59	97	89	72	.448	.373	.227	.413	.409	.276
" 6,.....	53	57	69	77	72	77	.244	.263	.311	.265	.264	.254
" 7,.....	67	67	76	65	79	74	.324	.313	.361	.314	.314	.262
" 8,.....	64	72	76	81	87	85	.314	.353	.378	.333	.343	.314
" 9,.....	74	76	79	92	92	86	.357	.390	.399	.339	.366	.319
" 10,.....	78	80	93	98	94	93	.499	.518	.536	.437	.468	.426
" 11,.....	82	93	95	99	99	99	.582	.585	.558	.524	.563	.524
" 12,.....	94	93	93	99	99	99	.531	.515	.500	.506	.524	.506
" 13,.....	89	77	93	99	99	93	.522	.551	.552	.506	.524	.494
" 14,.....	75	77	82	93	89	84	.441	.431	.441	.458	.458	.378
" 15,.....	75	73	82	93	94	93	.405	.388	.432	.398	.400	.383
" 16,.....	79	77	84	97	91	92	.406	.413	.458	.390	.399	.383
" 17,.....	92	72	79	97	97	95	.491	.457	.428	.436	.449	.415
" 18,.....	73	81	85	90	93	88	.396	.424	.447	.389	.426	.362
" 19,.....	76	62	69	89	86	80	.421	.358	.319	.400	.368	.304
" 20,.....	71	65	66	92	83	83	.315	.309	.304	.366	.309	.304
" 21,.....	66	74	80	87	90	92	.323	.362	.402	.333	.387	.352
" 22,.....	74	81	92	97	99	94	.411	.477	.509	.385	.424	.400
" 23,.....	94	91	98	99	97	97	.520	.545	.543	.454	.485	.466
" 24,.....	98	86	93	99	99	92	.509	.481	.429	.524	.471	.395
" 25,.....	86	87	91	92	86	69	.342	.315	.367	.366	.294	.244
" 26,.....	89	87	87	84	75	92	.349	.350	.342	.266	.263	.313
" 27,.....	84	90	91	99	99	99	.371	.390	.383	.344	.351	.339
" 28,.....	94	90	89	97	99	91	.397	.359	.352	.351	.351	.301
" 29,.....	82	64	86	96	92	89	.325	.309	.337	.336	.313	.297
" 30,.....	84	79	83	99	99	99	.345	.339	.342	.346	.351	.339
" 31,.....	83	76	92	91	94	96	.311	.306	.320	.301	.311	.312
Mean, ...	80	78	84	92	91	89	0.410	0.411	0.411	0.393	0.399	0.362

TABLE XII.

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
1887.												
Jan. 1, ...	10	cum.	W	10	cum.	W	10	sm-cum.	W	10	sm-cum.	W
„ 2, ...	10	cum-nim.	W	10	cum.	NW	10	cum. / fog.	WNW / E	0	...	...
„ 3, ...	*10	cum.	ESE	10	cum-nim.	E	10	cum-nim.	E	9	cum.	E
„ 4, ...	10	cum-nim.	E	9	cum.	E	10	cum. / cum-nim.	S / E	10	cum. / cum-nim.	S / E
„ 5, ...	10	cum.	E	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	N
„ 6, ...	9	cum.	NW	10	R-cum.	E	10	R-cum.	ESE	10	cum. / cum-nim.	E / E
„ 7, ...	* 6	cum.	...	10	cum.	NE	10	sm-cum. / cum.	W / E	6	sm-cum. / cum.	WNW / ENE
„ 8, ...	* 9	cum.	...	7	cum.	E	4	cum.	E	1	cum.	E
„ 9, ...	*10	cum.	E	9	cum.	E	10	cum-nim.	E	8	R-cum.	E
„ 10, ...	*10	cum.	E	10	cum.	E	10	cum. / cum-nim.	S / ESE	8	R-cum.	ESE
„ 11, ...	*10	nim.	ESE	10	nim.	E	10	cum.	SW	7	cum. / cum.	SSW / SE
„ 12, ...	*10	nim.	...	10	nim.	SE	10	nim.	E	10	cum. / nim.	W / SE
„ 13, ...	*10	nim.	E	10	nim.	E	10	cum. / cum-nim.	E	10	cum. / cum-nim.	W / E
„ 14, ...	*10	cum.	NE	9	cum.	NE	9	cum.	W	10	cum. / cum.	WSW / ENE
„ 15, ...	*10	cum-nim.	ENE	10	cum-nim.	E	10	cum. / cum-nim.	W / ESE	8	sm-cum. / cum.	W / ESE
„ 16, ...	* 9	cum-nim.	E	10	cum-nim.	E	10	cum. / cum-nim.	W / ESE	10	sm-cum. / cum.	SW / E
„ 17, ...	*10	cum-nim.	E	10	nim.	E	10	cum-nim.	SE	10	cum-nim.	NE
„ 18, ...	*10	cum-nim.	...	10	cum-nim.	NE	10	sm-cum. / cum-nim.	SE / NE	10	c-cum. / cum. / cum-nim.	... / SE / E
„ 19, ...	*10	cum-nim.	ENE	10	cum-nim.	NE	10	cum-nim.	NE	10	str.	NNE
„ 20, ...	*10	cum.	...	8	cum-nim.	NE	9	sm-cum. / cum-nim.	W / NE	10	str. / cum-nim.	E
„ 21, ...	*10	str.	...	10	cum.	...	10	R-cum.	SE	10	str-cum.	ESE
„ 22, ...	*10	cum.	E	10	cum-nim.	E	10	cum. / cum-nim.	S / ESE	10	cum. / cum-nim.	S / E
„ 23, ...	10	cum-nim.	...	10	nim.	SE	6	cum. / R-cum.	SE / ESE	10	nim.	E
„ 24, ...	10	nim.	W	10	nim.	W	...	fog.	...	...	fog.	...
„ 25, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	str. / cum-nim.	ENE
„ 26, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	nim.	ENE
„ 27, ...	10	nim.	E	10	nim.	E	10	cum. / nim.	S / E	10	str. / cum-nim.	E
„ 28, ...	10	nim.	E	10	nim.	E	10	nim.	ENE	10	nim.	NE
„ 29, ...	10	nim.	...	10	nim.	...	10	str. / cum-nim.	WSW	10	cum-nim.	WSW
„ 30, ...	*10	nim.	...	10	nim.	...	10	cum-nim.	ENE	10	cum-nim.	NE
„ 31, ...	*10	nim.	...	10	nim.	...	10	nim.	E	10	cum-nim.	NNE
Mean, ...	9.8	...	...	9.7	...	...	9.6	...	...	8.9	...	...

* Interpolated.

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Jan. 1,.....	10	sm-cum.	W	9	sm-cum.	W	7	sm-cum.	W	1	sm-cum.	SW	8.4
„ 2,.....	1	cum.	...	1	R-cum.	SW	10	cum.	ESE	10	cum.	ESE	6.5
„ 3,.....	3	cum.	E	2	cum.	E	10	cum-nim.	E	10	cum-nim.	E	8.0
„ 4,.....	1	cum.	E	9	sm-cum. / cum-nim.	SW / E	9	sm-cum. / cum.	SSW / E	6	cum.	E	8.0
„ 5,.....	10	cum. / cum-nim.	NNW / N	9	cum. / cum-nim.	NW / NNW	7	cum.	NW	3	cum.	NW	8.6
„ 6,.....	9	cum.	ESE	7	sm-cum. / cum.	NE / ESE	3	sm-cum.	ENE	2	sm-cum.	ENE	7.5
„ 7,.....	1	sm-cum. / cum.	WNW / ENE	2	sm-cum.	NW	4	sm-cum.	W	10	sm-cum.	W	6.1
„ 8,.....	1	cum.	E	2	cum.	E	10	cum.	E	10	cum.	E	5.5
„ 9,.....	8	cum.	E	9	cum. / cum-nim.	E / ENE	10	cum. / cum.	SSE / E	10	cum. / cum.	SSE / E	9.2
„ 10,.....	9	cum. / cum-nim.	SSE / ESE	5	cum. / R-cum.	SSE / ESE	9	cum. / cum-nim.	S / SE	10	nim.	SE	8.9
„ 11,.....	9	c-cum. / sm-cum. / cum.	WSW / SW / SE	10	cum. / cum-nim.	SW / SE	10	cum-nim.	SE	10	nim.	...	9.5
„ 12,.....	10	cum-nim.	E	10	cum-nim.	E	10	nim.	ESE	10	nim.	ESE	10.0
„ 13,.....	8	sm-cum. / cum.	W / E	8	sm-cum. / cum.	W / ENE	6	sm-cum.	W	10	cum.	NE	9.0
„ 14,.....	10	sm-cum. / cum.	W / ENE	10	sm-cum. / cum.	W / ENE	10	cum-nim.	NE	9	cum. / cum-nim.	W / NE	9.6
„ 15,.....	10	cum. / cum-nim.	W / ESE	10	sm-cum. / cum-nim.	WNW / ESE	9	sm-cum. / cum.	W / E	8	cum.	E	9.4
„ 16,.....	5	cum.	SE	9	sm-cum. / cum.	WSW / SE	7	sm-cum. / cum.	WSW / ESE	10	cum-nim.	...	8.8
„ 17,.....	10	cum-nim.	NE	10	cum. / cum.	W / W	10	str.	...	10	str.	...	10.0
„ 18,.....	8	sm-cum. / cum.	SE / E	3	R-cum.	ENE	10	cum-nim.	E	10	nim.	E	8.9
„ 19,.....	10	cum-nim.	ENE	10	R-cum.	ENE	10	str-cum.	...	10	str-cum.	...	10.0
„ 20,.....	10	str. / cum-nim.	E	10	str.	SW	10	str.	...	10	str.	...	9.6
„ 21,.....	1	sm-cum. / cum.	NE / ESE	1	R-cum.	ESE	10	cum.	E	10	cum.	E	7.8
„ 22,.....	10	cum. / cum-nim.	E	10	str. / cum-nim.	E	10	cum-nim.	E	10	cum-nim.	...	10.0
„ 23,.....	9	R-cum.	E	10	nim.	SE	10	nim.	E	10	nim.	E	9.4
„ 24,.....	10	cum-nim.	...	10	str. / cum-nim.	W	10	nim.	...	10	cum-nim.	...	10.0
„ 25,.....	10	nim.	ENE	10	nim.	NE	10	nim.	...	10	nim.	...	10.0
„ 26,.....	10	nim.	ENE	10	nim.	ENE	10	nim.	...	10	nim.	...	10.0
„ 27,.....	10	cum-nim.	ENE	10	nim.	ENE	10	nim.	ENE	10	cum-nim.	NE	10.0
„ 28,.....	10	nim.	E	10	nim.	ENE	10	nim.	...	10	cum-nim.	...	10.0
„ 29,.....	10	cum-nim.	SW	10	cum. / cum-nim.	WSW / SW	10	str.	...	10	nim.	...	10.0
„ 30,.....	10	cum-nim.	ENE	10	cum-nim.	NNE	10	str.	...	10	str.	...	10.0
„ 31,.....	10	cum-nim.	NE	10	str. / cum-nim.	SE	10	cum-nim.	...	10	nim.	NNE	10.0
Mean,.....	7.8	...	...	7.9	...	...	9.1	...	...	9.0	...	...	9.0

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Jan. 1,	...	...	...	...
„ 2,	...	...	...	...
„ 3,	...	...	...	...
„ 4,	...	...	...	...
„ 5,	...	...	...	...
„ 6,	...	...	...	...
„ 7,	...	...	...	...
„ 8,	...	...	...	...
„ 9,	...	...	...	...
„ 10,	...	2	...	...
„ 11,	0.010	10	...	...
„ 12,	0.010	10	0.02	...
„ 13,	...	...	...	...
„ 14,	...	...	...	...
„ 15,	...	...	...	...
„ 16,	0.010	5	...	...
„ 17,	...	...	...	...
„ 18,	0.005	2	...	...
„ 19,	...	...	...	...
„ 20,	...	...	...	..
„ 21,	...	...	...	...
„ 22,	0.040	5	0.05	...
„ 23,	0.030	12	0.03	0.19
„ 24,	0.265	14	0.25	1.93
„ 25,	3.310	24	2.48	5.01
„ 26,	3.100	22	3.12	3. 4
„ 27,	0.830	10	0.40	1.19
„ 28,	0.410	16	0.32	0.66
„ 29,	0.115	6	0.09	0.17
„ 30,	0.105	4	0.08	0.19
„ 31,	0.760	12	0.69	1.93
Total,	9.000	154	7.53	15.01

W. Doberck,
Government Astronomer.

Hongkong Observatory, 17th February, 1887.

HONGKONG OBSERVATORY.

Weather Report for February, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Great Northern and the Eastern Extension Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock.

Dew fell on the early morning of the 14th and on the evening of the 25th.

It was hazy on the mornings of the 12th, 14th, 18th and 25th.

A rainbow was seen at 8h. 30m. a. on the 1st.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.*	*Duration.*	*Velocity.*
	Miles.	Hours.	Miles per hour.
N	680	83	8.2
NE	780	67	11.6
E	7376	390	18.9
SE	190	20	9.5
S	8	2	4.0
SW	71	7	10.1
W	235	34	6.9
NW	207	42	4.9
Calm	17	27	0.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF FEBRUARY, 1887.

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, ...	29.935	29.932	29.875	29.882	29.906	29.912	29.946	29.961	29.953	29.944	29.917	29.904	29.879	29.858	29.859	29.862	29.881	29.884	29.891	29.911	29.920	29.925	29.933	29.941	29.909
,, 2, ...	.915	.909	.911	.883	.895	.912	.935	.958	.964	.983	.988	.953	.926	.899	.897	.886	.908	.925	.929	.956	.955	.973	.980	.978	.935
,, 3, ...	.974	.972	.969	.956	.968	.974	.997	30.012	30.035	30.035	30.032	30.014	.995	.965	.947	.952	.964	.969	.988	30.000	30.013	30.030	30.042	30.040	.993
,, 4, ...	30.036	30.031	30.007	30.013	30.029	30.040	30.045	.060	.081	.090	.052	.046	30.010	.992	.992	30.003	30.006	30.006	30.017	.026	.032	.025	.034	.001	30.028
,, 5, ...	.006	29.987	29.971	29.965	29.968	29.968	29.974	29.999	.000	.024	.003	29.983	29.952	.923	.912	29.909	29.898	29.908	29.917	29.940	29.923	29.947	29.939	29.930	29.956
,, 6, ...	29.922	.895	.870	.872	.870	.870	.882	.898	29.918	29.911	29.909	.895	.876	.863	.835	.831	.829	.848	.853	.863	.869	.889	.900	.892	.877
,, 7, ...	.875	.852	.831	.836	.827	.853	.870	.879	.904	.913	.907	.882	.854	.836	.826	.835	.851	.848	.864	.878	.887	.903	.903	.896	.867
,, 8, ...	.899	.897	.890	.880	.880	.889	.921	.950	.965	.990	.986	.964	.940	.920	.915	.914	.919	.916	.923	.947	.963	.978	.985	.990	.934
,, 9, ...	.996	.986	.965	.965	.973	30.002	30.029	30.057	30.075	30.092	30.088	30.064	30.040	30.023	30.023	30.035	30.053	30.069	30.082	30.111	30.131	30.142	30.162	30.163	30.055
,, 10, ...	30.162	30.157	30.148	30.154	30.165	.190	.205	.234	.260	.282	.274	.253	.228	.196	.178	.176	.176	.171	.180	.199	.207	.213	.213	.204	.201
,, 11, ...	.200	.204	.195	.197	.211	.236	.248	.260	.265	.269	.257	.217	.165	.130	.107	.102	.103	.109	.111	.134	.155	.174	.169	.161	.182
,, 12, ...	.156	.150	.136	.128	.124	.129	.144	.153	.159	.159	.148	.111	.079	.049	.026	.012	.012	.017	.027	.042	.054	.065	.065	.063	.092
,, 13, ...	.061	.054	.049	.045	.051	.071	.084	.104	.111	.113	.097	.048	.022	29.997	29.977	29.973	29.978	29.978	29.993	.025	.047	.063	.068	.067	.045
,, 14, ...	.071	.064	.061	.070	.078	.094	.106	.125	.142	.152	.148	.117	.093	30.065	30.051	30.052	30.072	30.091	30.119	.149	.170	.180	.208	.204	.112
,, 15, ...	.210	.225	.221	.226	.233	.249	.276	.300	.307	.305	.291	.266	.226	.193	.170	.167	.177	.196	.213	.233	.250	.251	.250	.255	.237
,, 16, ...	.250	.238	.239	.240	.241	.262	.281	.293	.297	.296	.277	.255	.213	.179	.157	.150	.155	.156	.158	.171	.181	.194	.199	.196	.220
,, 17, ...	.192	.184	.188	.185	.191	.203	.225	.244	.260	.263	.241	.216	.172	.140	.124	.114	.117	.130	.143	.174	.187	.200	.210	.218	.188
,, 18, ...	.209	.196	.179	.173	.182	.190	.202	.207	.208	.209	.190	.169	.122	.092	.076	.072	.073	.084	.097	.119	.135	.148	.154	.153	.152
,, 19, ...	.150	.135	.118	.117	.121	.138	.153	.165	.166	.169	.146	.116	.081	.043	.030	.031	.040	.056	.079	.099	.117	.122	.126	.118	.110
,, 20, ...	.110	.094	.076	.065	.073	.092	.113	.130	.151	.151	.140	.113	.075	.050	.028	.025	.034	.043	.047	.067	.084	.096	.099	.090	.085
,, 21, ...	.084	.080	.066	.052	.061	.063	.083	.099	.110	.114	.099	.062	.023	29.993	29.976	29.958	29.967	29.973	29.968	29.969	29.984	29.981	29.976	29.982	.030
,, 22, ...	29.980	29.969	29.956	29.949	29.945	29.958	29.976	29.992	29.992	29.993	29.969	29.941	29.919	.878	.854	.847	.860	.870	.879	.891	.893	.899	.903	.906	29.926
,, 23, ...	.895	.881	.868	.870	.883	.902	.933	.939	.951	.956	.944	.923	.895	.874	.850	.853	.841	.851	.865	.875	.890	.896	.917	.908	.894
,, 24, ...	.897	.885	.875	.870	.884	.910	.931	.939	.945	.941	.935	.908	.875	.838	.822	.815	.828	.844	.870	.889	.902	.903	.892	.884	.887
,, 25, ...	.885	.871	.864	.873	.893	.913	.935	.953	.968	.968	.961	.939	.908	.873	.862	.866	.884	.903	.923	.940	.946	.960	.953	.955	.917
,, 26, ...	.959	.944	.940	.937	.953	.982	.998	30.023	30.028	30.034	30.035	30.002	.972	.939	.923	.918	.917	.928	.933	.954	.961	.960	.953	.960	.965
,, 27, ...	.958	.930	.954	.941	.931	.936	.963	29.970	29.967	29.950	29.940	29.937	.917	.887	.876	.874	.881	.883	.889	.923	.942	.941	.930	.915	.926
,, 28, ...	.890	.874	.875	.846	.869	.892	.900	.905	.934	.934	.934	.928	.905	.884	.865	.875	.874	.888	.909	.924	.932	.931	.923	.913	.900
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
Hourly Means, ...	30.032	30.021	30.011	30.007	30.014	30.030	30.048	30.065	30.076	30.080	30.068	30.044	30.013	29.985	29.970	29.968	29.975	29.984	29.995	30.015	30.026	30.035	30.039	30.035	30.022

TABLE II.

TEMPERATURE FOR THE MONTH OF FEBRUARY, 1887.

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,.....	51.3	49.4	51.2	50.9	49.2	50.4	50.5	49.2	50.6	51.5	52.3	50.7	50.9	50.7	49.9	49.5	49.4	48.9	49.5	48.4	48.4	48.7	48.0	47.9	49.9	52.4	47.5
,, 2,.....	47.8	48.1	48.5	48.5	47.9	47.4	47.3	48.6	48.1	47.6	48.2	49.5	50.1	53.1	52.0	52.7	51.6	50.8	50.7	50.8	50.7	51.0	50.5	50.8	49.7	53.1	47.1
,, 3,.....	51.4	51.4	51.6	51.6	51.0	51.3	50.9	50.7	50.5	51.5	50.7	51.5	52.6	53.4	53.8	53.1	51.8	51.0	50.7	50.7	50.9	51.5	50.7	50.5	51.4	53.8	50.0
,, 4,.....	50.1	50.6	50.6	50.3	49.5	50.1	50.2	51.1	52.5	53.8	53.5	55.8	55.6	54.6	53.9	53.2	52.9	52.5	52.4	52.3	52.5	52.6	53.4	53.1	52.4	56.5	49.2
,, 5,.....	52.7	52.5	52.5	52.2	51.8	51.7	51.6	51.6	52.4	54.3	53.4	53.6	53.6	53.1	53.7	52.9	52.3	52.4	52.7	52.9	53.1	53.4	53.8	53.9	52.8	54.3	51.4
,, 6,.....	54.4	54.0	53.7	53.3	53.1	53.4	53.2	53.6	53.7	54.1	53.3	53.5	54.7	54.6	54.6	53.5	53.2	52.7	51.8	52.5	52.7	52.0	52.1	51.9	53.3	54.8	51.6
,, 7,.....	51.9	51.8	52.0	50.9	50.9	51.1	51.4	52.6	53.6	53.4	52.8	53.2	52.6	52.5	52.6	51.1	50.2	50.1	49.0	49.6	49.5	49.5	50.2	50.6	51.4	54.2	48.8
,, 8,.....	50.6	50.1	50.5	50.2	49.9	50.1	49.9	49.1	48.7	48.5	49.2	48.6	49.6	49.1	48.5	48.8	48.8	49.5	49.5	49.1	48.5	47.9	47.0	47.5	49.1	51.3	46.7
,, 9,.....	46.6	47.1	47.7	47.6	48.0	48.1	48.4	48.6	50.5	52.2	53.5	54.0	55.4	55.6	55.7	53.8	51.7	49.9	49.4	47.6	45.9	45.6	43.7	43.5	49.6	56.1	42.8
,, 10,.....	43.5	43.0	43.6	43.5	43.6	43.1	43.6	45.1	48.2	50.1	52.3	52.5	52.7	53.4	53.6	55.1	53.4	51.6	51.1	50.0	50.8	50.8	50.4	50.5	49.0	55.3	43.0
,, 11,.....	50.3	51.2	51.1	51.0	50.8	50.7	49.5	49.6	50.3	51.0	51.8	52.6	52.6	53.6	53.7	53.8	53.1	52.6	52.5	52.7	52.7	52.8	53.0	53.2	51.9	53.8	49.4
,, 12,.....	53.3	53.5	53.6	53.4	53.5	53.8	54.0	55.4	56.1	55.7	56.9	56.7	57.1	57.6	57.6	57.8	57.7	57.4	56.6	56.2	55.3	54.9	54.8	54.8	55.5	57.8	53.2
,, 13,.....	54.9	55.6	55.0	55.6	55.2	55.3	55.3	55.6	56.2	56.6	58.3	59.1	59.7	59.3	59.4	59.1	58.4	56.8	56.3	56.4	56.9	56.9	55.8	55.1	56.8	59.7	54.8
,, 14,.....	53.6	53.3	53.7	53.2	53.9	54.1	54.4	56.6	59.5	62.2	63.6	63.6	63.6	64.1	67.6	69.6	68.5	66.1	62.7	62.1	61.6	59.9	55.6	54.8	59.9	69.6	53.1
,, 15,.....	54.5	53.9	54.0	55.0	53.4	53.7	54.1	55.4	56.6	57.7	57.2	56.9	56.7	57.4	57.2	56.1	55.3	55.0	54.6	54.7	54.6	54.6	54.2	54.0	55.3	57.7	53.4
,, 16,.....	53.7	53.8	53.6	53.7	53.7	53.8	54.7	56.4	57.4	58.4	58.6	59.1	58.6	58.6	59.1	58.7	57.4	56.4	56.0	55.6	55.4	55.3	55.1	55.2	56.2	59.1	53.6
,, 17,.....	55.6	56.4	56.4	56.4	55.7	55.9	55.4	56.4	58.4	61.5	63.7	63.4	63.6	62.6	64.5	62.4	60.9	59.3	57.8	57.4	57.7	57.8	57.1	56.7	58.9	64.5	55.2
,, 18,.....	56.0	55.9	55.7	55.2	55.1	55.3	55.3	56.2	57.8	59.7	60.2	60.8	60.6	59.7	59.2	59.5	58.4	57.4	56.7	57.6	58.2	58.6	58.6	58.5	57.8	61.0	55.0
,, 19,.....	57.6	57.6	58.2	58.7	58.8	59.9	60.1	62.1	62.6	64.5	64.8	64.2	64.2	63.4	63.5	63.3	61.9	61.0	60.3	60.1	60.1	60.0	59.3	59.5	61.1	64.8	57.6
,, 20,.....	59.6	59.2	58.8	58.8	58.8	58.9	59.4	60.7	61.9	63.5	64.6	63.0	61.8	61.3	60.4	59.6	59.0	58.4	58.1	57.8	57.8	58.0	58.0	57.1	59.8	65.0	57.1
,, 21,.....	56.7	56.1	56.1	56.2	56.4	56.7	57.3	58.5	59.3	59.7	60.2	59.8	60.4	60.9	61.2	60.6	59.6	59.0	59.4	59.8	60.5	60.8	61.2	61.4	59.1	62.0	56.0
,, 22,.....	61.7	61.6	62.1	62.8	62.7	62.8	63.1	64.4	65.8	65.9	67.0	65.7	66.9	67.6	66.6	65.9	64.7	61.8	61.1	61.4	62.0	62.2	61.6	62.5	63.7	67.6	61.1
,, 23,.....	63.5	63.5	63.5	64.0	63.1	62.2	62.0	63.0	63.5	62.7	62.9	63.6	63.0	62.6	61.7	61.9	61.0	60.2	59.7	59.9	60.0	60.7	60.8	61.0	62.1	64.2	59.7
,, 24,.....	59.6	60.0	60.0	59.3	59.0	58.9	58.7	59.6	59.6	60.5	62.2	62.5	62.4	62.2	62.5	61.8	61.0	60.2	61.2	61.4	61.2	61.2	60.2	59.7	60.6	62.5	58.6
,, 25,.....	60.2	59.8	59.6	59.3	59.5	59.3	59.3	60.5	61.4	64.8	67.9	68.7	68.3	67.4	67.1	66.1	65.3	63.8	61.9	61.3	61.7	61.6	60.9	61.5	62.8	70.0	59.3
,, 26,.....	61.2	61.2	60.6	59.5	59.1	59.2	59.5	60.0	60.4	60.4	61.8	62.9	64.6	67.1	67.4	66.6	67.2	63.9	62.6	61.8	61.0	60.5	61.0	60.3	62.1	67.4	59.0
,, 27,.....	59.6	58.8	58.6	58.4	58.3	58.5	58.1	57.9	58.5	58.6	58.1	57.6	58.8	58.2	57.7	57.6	57.8	57.5	57.6	57.5	57.6	57.7	57.3	57.5	58.1	60.3	57.1
,, 28,.....	57.4	54.5	57.3	57.2	57.4	56.9	56.7	57.5	57.7	58.7	58.9	59.2	60.4	60.7	60.5	59.8	59.1	58.3	58.2	57.7	57.5	57.4	57.3	57.1	58.2	61.0	56.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,.....	54.6	54.5	54.6	54.5	54.3	54.4	54.4	55.2	56.1	57.1	57.7	57.9	58.3	58.4	58.4	58.0	57.2	56.2	55.7	55.5	55.5	55.5	55.1	55.0	56.0	59.6	53.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF FEBRUARY, 1887.

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.	Sun.	Rad.
Feb. 1,	49.3	48.6	49.2	49.1	48.1	48.7	48.6	48.0	48.4	48.9	49.5	49.4	49.6	49.2	48.2	47.9	47.6	46.9	46.8	46.7	46.9	47.0	46.6	47.0	48.2	93.7	47.5
„ 2,	47.2	46.9	47.2	47.2	46.4	46.0	45.3	47.3	46.5	46.3	47.0	47.5	48.5	50.4	49.4	49.1	48.7	48.4	48.3	48.0	48.2	48.6	48.2	48.5	47.7	81.8	46.7
„ 3,	48.9	49.2	49.8	49.5	49.4	48.8	49.9	49.5	48.3	48.4	48.4	48.3	50.4	50.1	49.5	49.4	47.9	47.6	47.3	47.2	47.8	47.7	47.5	46.9	48.7	94.4	49.2
„ 4,	47.0	47.3	47.3	47.4	46.4	47.6	47.6	47.4	48.4	49.1	49.2	50.5	50.4	49.9	49.4	49.1	49.2	48.9	49.1	49.2	49.3	49.7	50.2	50.1	48.7	118.9	49.1
„ 5,	49.6	49.4	49.3	49.0	48.6	48.6	49.0	49.3	49.5	50.3	49.6	49.4	49.4	49.5	50.3	50.0	50.1	50.6	50.5	50.5	50.7	51.0	51.5	51.9	49.9	86.8	50.8
„ 6,	52.3	52.4	52.4	52.4	52.2	52.3	52.3	52.4	51.7	52.1	52.1	52.5	53.6	53.2	53.4	52.6	52.6	52.1	50.8	52.1	51.9	50.5	50.4	50.5	52.1	85.8	51.1
„ 7,	50.8	50.2	49.9	49.4	49.8	49.5	49.9	50.5	51.3	51.3	51.0	51.0	51.3	51.5	51.5	50.1	48.8	48.7	48.2	48.9	47.9	47.7	48.4	48.7	49.8	73.1	48.9
„ 8,	48.6	48.9	49.2	48.5	48.5	48.7	48.0	48.1	48.2	47.5	48.3	47.5	48.4	47.9	47.3	47.3	47.3	48.3	48.1	48.2	46.3	46.0	44.9	44.9	47.7	63.2	46.7
„ 9,	44.1	43.9	43.9	43.8	44.3	43.8	44.4	44.0	45.3	46.7	47.8	47.9	49.4	49.6	50.4	48.4	46.8	44.9	44.2	42.6	42.3	41.6	40.7	39.9	45.0	115.1	42.5
„ 10,	39.4	38.8	38.6	38.6	38.6	39.1	39.2	40.3	42.4	43.7	45.4	46.3	46.5	46.9	46.4	48.7	47.6	46.2	45.6	45.1	44.6	44.7	44.5	44.8	43.4	115.8	39.7
„ 11,	46.0	47.7	46.6	46.6	45.8	45.6	44.7	44.7	45.3	45.9	46.6	47.2	47.4	48.4	48.4	48.6	48.7	48.2	48.2	48.1	48.3	48.6	48.7	48.7	47.2	99.6	44.0
„ 12,	49.1	49.0	48.6	49.0	49.3	49.1	49.7	50.6	50.6	51.4	51.8	52.3	52.3	52.4	52.9	53.5	53.5	53.4	53.9	53.3	52.8	52.7	52.6	52.7	51.5	83.2	52.0
„ 13,	52.4	52.8	53.0	53.1	53.1	53.0	53.3	53.4	53.7	54.1	54.6	54.5	54.5	54.6	55.2	55.4	55.1	54.2	54.0	54.0	54.4	54.5	54.2	54.0	54.0	117.4	52.0
„ 14,	53.3	53.0	53.5	53.1	53.4	53.6	54.2	54.9	55.6	57.5	58.1	58.4	58.4	58.4	60.0	60.7	59.7	58.2	57.7	55.0	53.6	53.6	52.7	50.8	55.7	121.1	48.0
„ 15,	50.6	49.4	49.9	50.0	49.5	49.5	49.7	50.4	51.4	51.8	52.0	52.3	52.4	53.3	53.7	52.2	51.6	52.4	52.0	51.9	51.3	50.9	50.9	50.8	51.2	118.4	52.7
„ 16,	50.8	50.8	50.0	50.0	49.6	49.6	49.2	49.2	49.2	50.3	50.5	51.5	51.8	51.6	52.3	53.1	53.1	52.4	52.4	52.4	52.7	52.6	52.8	52.6	51.3	120.2	50.3
„ 17,	52.0	52.2	52.3	52.4	52.3	53.0	53.1	53.6	54.5	55.6	57.2	56.5	57.1	56.5	57.4	56.6	56.6	55.8	55.0	55.3	55.3	54.2	53.6	53.2	54.6	122.3	52.4
„ 18,	52.6	52.5	51.9	51.9	52.5	52.9	53.2	54.0	53.6	53.2	53.7	53.1	52.9	52.0	52.9	54.3	53.8	53.5	53.3	53.2	53.1	53.1	53.0	53.6	53.1	120.9	52.6
„ 19,	53.4	52.8	52.9	52.9	53.0	52.9	52.8	54.3	54.1	55.4	55.1	55.8	56.4	55.1	55.4	54.9	54.9	54.4	53.4	53.7	54.4	54.7	54.8	54.4	54.2	124.1	56.5
„ 20,	54.3	54.3	54.4	54.3	54.5	54.7	54.9	55.3	56.2	57.0	57.7	57.3	56.9	57.1	56.6	56.4	55.5	54.9	55.2	55.3	55.0	54.7	54.3	53.2	55.4	118.5	56.0
„ 21,	52.6	52.4	51.0	51.6	52.2	52.7	52.5	52.5	51.6	51.7	51.6	51.7	52.6	52.6	53.4	54.4	54.6	54.3	53.9	54.1	54.2	54.4	53.8	54.3	52.9	131.0	53.3
„ 22,	54.8	54.9	54.9	56.5	56.9	58.1	58.7	59.3	60.2	60.7	61.7	61.3	60.7	60.5	60.4	59.8	59.0	58.0	57.7	58.2	59.3	59.5	60.2	61.2	58.9	137.7	59.5
„ 23,	61.4	61.0	60.9	60.8	60.4	59.1	58.2	58.3	58.4	57.5	57.7	58.2	57.2	57.6	57.2	57.1	57.0	56.6	56.7	56.7	57.0	57.5	58.1	58.1	58.3	136.8	59.0
„ 24,	57.2	57.4	56.5	56.3	56.4	56.4	56.2	56.5	56.6	57.0	58.0	57.6	57.7	57.8	58.3	58.3	57.8	57.7	58.8	59.4	59.4	59.4	58.5	58.2	57.6	125.1	58.4
„ 25,	58.6	57.6	57.4	57.3	57.2	57.3	57.5	58.3	58.9	60.6	61.9	62.2	62.2	62.1	62.0	61.4	61.4	60.4	59.8	59.6	59.7	59.9	59.4	59.6	59.7	129.0	57.0
„ 26,	58.5	57.2	56.5	56.1	56.1	56.4	56.6	57.3	57.2	57.4	58.1	57.8	58.4	59.4	59.9	59.8	60.5	58.8	58.3	57.3	57.3	57.0	55.7	55.4	57.6	121.0	57.0
„ 27,	55.4	55.2	55.4	55.5	54.8	54.9	55.1	54.5	54.6	54.9	54.1	53.7	55.4	55.3	55.2	55.0	55.1	55.1	55.2	54.3	54.2	53.6	53.5	53.8	54.7	82.8	55.2
„ 28,	54.4	55.6	55.3	55.1	55.1	54.5	54.5	54.6	55.0	55.5	55.7	55.7	56.4	56.4	57.1	56.9	56.9	56.1	56.4	55.5	55.5	55.6	55.3	55.1	55.6	88.3	54.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	51.6	51.5	51.4	51.3	51.2	51.3	51.4	51.7	52.0	52.6	53.0	53.1	53.5	53.5	53.7	53.6	53.3	52.7	52.5	52.3	52.3	52.2	52.0	51.9	52.3	108.1	51.5

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF FEBRUARY, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	80	0.348	Feb. 1,.....	88	0.316
2 „	80	.347	„ 2,.....	86	.306
3 „	79	.343	„ 3,.....	82	.309
4 „	79	.341	„ 4,.....	75	.296
5 „	80	.341	„ 5,.....	80	.322
6 „	80	.343	„ 6,.....	92	.375
7 „	80	.346	„ 7,.....	90	.338
8 „	78	.343	„ 8,.....	89	.314
9 „	75	.339	„ 9,.....	68	.240
10 „	72	.342	„ 10,.....	60	.209
11 „	71	.346	„ 11,.....	68	.264
Noon.	71	.346	„ 12,.....	74	.329
1 p	71	.352	„ 13,.....	82	.382
2 „	70	.351	„ 14,.....	75	.389
3 „	72	.356	„ 15,.....	74	.324
4 „	73	.358	„ 16,.....	69	.315
5 „	75	.361	„ 17,.....	74	.371
6 „	78	.357	„ 18,.....	71	.343
7 „	79	.358	„ 19,.....	60	.330
8 „	79	.355	„ 20,.....	73	.382
9 „	79	.355	„ 21,.....	64	.320
10 „	79	.353	„ 22,.....	74	.435
11 „	80	.353	„ 23,.....	78	.438
Midt.	80	.351	„ 24,.....	82	.437
			„ 25,.....	83	.472
			„ 26,.....	75	.417
			„ 27,.....	79	.384
			„ 28,.....	85	.409
			.....	...	...
			.....	...	...
			.....	...	...
Mean, ...	77	0.349	Mean,.....	77	0.349

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.
1887.														
Feb. 1,	...	...	0.2	...	...	...	...	...	...	...	...	...	...	0.2
„ 2,	...	...	...	...	...	...	...	...	...	...	0.1	...	...	0.1
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	0.3	0.7	...	...	...	...	...	...	...	1.0
„ 5,	...	...	0.1	...	...	...	...	...	...	...	...	...	...	0.1
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	0.1	1.0	1.0	0.9	1.0	1.0	1.0	0.2	...	...	...	6.2
„ 10,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	...	10.1
„ 11,	...	...	...	...	...	...	...	...	0.1	...	...	...	...	0.1
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	7.0
„ 14,	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.1
„ 15,	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.1
„ 16,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.4
„ 17,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.0
„ 18,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 19,	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.7
„ 20,	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.6
„ 21,	...	...	1.0	0.4	0.3	...	...	0.1	0.8	0.9	0.3	0.4	...	4.2
„ 22,	...	...	0.6	0.7	0.8	1.0	0.8	0.6	1.0	0.9	0.4	0.1	...	6.9
„ 23,	...	...	...	0.1	0.5	0.9	1.0	1.0	0.7	0.1	0.7	0.1	...	5.1
„ 24,	...	...	0.4	1.0	0.9	0.7	1.0	1.0	1.0	0.7	0.8	...	...	7.5
„ 25,	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.4
„ 26,	...	...	...	...	...	...	...	0.5	0.5	0.4	...	0.1	...	1.5
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	..	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	2.7	10.8	12.2	13.1	14.2	13.8	14.2	15.1	13.2	12.1	7.0	...	128.4
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF FEBRUARY, 1887.

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.
Feb. 1,	0·125	0·040	...	0.035	0·110	0·100	0·080	0·080	...	0·010	0·030	0·135	0·050	...	0·005	0·005	0·005	0·005	0·005	...	...	...	0.055	0·020	0·895
„ 2,	0·045	...	...	...	...	0·015	0·065	0·010	0·025	0·080	0·075	...	...	...	...	...	...	...	...	...	...	...	...	...	0·315
„ 3,	...	...	...	...	...	...	0·010	0·015	...	...	...	0·005	0·005	...	...	...	...	...	...	...	...	...	...	...	0·035
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	0·005	0·010	0·005	...	...	0·075	...	...	...	0·025	0·095	0·015	0·040	...	...	...	...	0·005	0·275
„ 7,	...	...	0·030	0·030	...	...	...	...	...	...	...	...	0·010	0·015	0·005	0·035	...	...	0·135	...	...	...	...	0·025	0·285
„ 8,	0·010	...	...	0·005	...	...	0·005	...	...	0·005	...	0·005	0·005	...	0·005	0·010	...	...	...	...	...	...	...	...	0·050
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	...	...	...	...	0·010
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	...	...	0·005	...	0·010
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	...	0·005	0·015
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0·180	0·040	0·030	0·070	0·110	0·120	0·165	0·115	0·030	0·095	0·105	0·220	0·070	0·015	0·020	0·075	0·100	0·020	0·180	0·010	...	0·010	0·060	0·055	1·895

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF FEBRUARY, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Ve	Dir.	Vel.	Dir.	Vel.		
Feb. 1	2	14	4	12	5	26	5	15	31	8	5	14	4	6	5	13	5	27	4	54	6	18	5	12	5	14	2	5	30	5	32	7	32	10	32	14	1	16	1	11	1	6	32	9	32	11	32	3	303	12.6
" 2	3	7	4	3	28	7	4	8	1	9	1	3	27	7	3	6	2	4	6	2	29	2	29	3	...	1	24	5	24	6	2	8	2	7	2	6	2	5	28	6	27	3	29	2	32	4	32	4	118	4.9
" 3	29	5	2	3	...	1	...	1	...	1	2	7	32	2	32	2	21	7	27	6	24	8	23	7	26	6	24	6	28	5	30	5	32	7	32	6	32	5	32	5	32	2	32	2	32	6	32	7	112	4.7
" 4	32	6	1	4	2	4	4	6	27	6	...	1	...	0	32	2	32	2	4	10	8	21	9	11	30	8	9	18	9	17	8	13	6	8	7	9	5	9	5	12	6	15	6	23	7	25	7	33	263	11.0
" 5	7	32	7	34	6	30	7	24	7	24	7	19	7	20	6	19	6	23	6	15	6	18	7	16	7	16	7	11	6	6	28	4	1	4	1	2	9	4	3	5	8	16	7	17	7	19	7	22	400	16.7
" 6	7	23	7	27	7	31	7	25	7	30	7	30	7	26	7	26	7	32	7	32	7	27	6	15	6	12	8	9	8	6	10	2	24	7	29	5	30	4	3	2	3	3	29	7	26	4	26	2	387	16.1
" 7	32	3	32	2	32	4	26	5	27	2	24	4	...	1	...	1	8	6	30	3	26	9	27	6	23	10	26	2	26	5	27	2	27	8	24	5	25	3	1	8	26	4	32	3	30	2	31	6	104	4.3
" 8	30	7	29	2	22	4	22	2	...	1	...	1	25	7	26	3	...	0	26	5	...	1	...	1	26	4	26	5	25	9	24	10	23	6	23	2	23	2	31	4	32	12	1	16	1	16	32	19	139	5.8
" 9	1	11	1	7	32	9	32	8	31	2	31	4	31	2	31	5	31	3	1	5	29	6	24	10	24	13	25	19	24	18	32	18	32	20	32	21	2	20	2	19	1	14	1	16	1	8	1	8	266	11.1
" 10	2	15	2	19	2	18	2	20	2	22	1	14	1	15	1	19	1	9	2	4	5	11	8	13	9	13	10	13	10	8	13	8	13	6	2	9	2	11	2	8	2	6	2	4	2	4	4	11	280	11.7
" 11	5	10	7	10	7	19	6	17	6	15	4	12	3	8	3	4	3	6	6	12	5	11	7	13	7	11	8	11	9	10	9	12	9	11	10	10	10	9	10	9	...	1	...	0	...	0	...	0	221	9.2
" 12	...	0	10	5	9	9	9	7	9	12	9	17	10	16	10	14	9	18	8	24	9	22	9	17	9	16	9	15	9	12	9	12	9	9	8	7	8	13	7	7	8	15	9	20	9	18	9	18	323	13.5
" 13	8	18	9	16	8	14	8	22	7	17	8	22	7	20	7	19	7	21	8	21	9	22	8	28	8	32	8	27	8	24	9	25	9	23	9	23	9	21	9	16	9	17	9	17	9	15	8	14	494	20.6
" 14	7	14	7	13	7	6	...	1	...	0	...	0	...	0	...	0	20	10	23	7	23	11	22	15	21	15	21	15	21	8	31	10	32	9	32	7	6	4	1	11	2	14	5	18	8	18	7	11	217	9.0
" 15	6	5	5	5	5	3	5	6	5	3	5	2	5	2	5	2	7	12	8	19	8	20	10	20	10	22	9	22	9	24	9	25	8	27	8	21	7	20	7	21	7	20	7	25	7	25	7	26	377	15.7
" 16	7	26	7	24	7	24	7	18	7	14	6	9	8	16	8	18	8	23	8	26	9	24	10	21	9	25	9	27	8	20	8	14	8	11	8	8	8	8	8	7	8	12	7	11	7	11	7	10	407	17.0
" 17	8	12	8	16	9	15	9	17	8	20	9	20	8	18	9	13	9	9	11	6	14	7	24	4	12	5	10	5	32	7	29	4	29	3	7	10	8	20	7	18	7	19	7	23	7	23	7	25	319	13.3
" 18	7	25	7	27	7	23	7	14	8	17	8	19	9	18	8	20	8	21	8	22	10	22	9	23	9	25	8	26	9	26	8	23	9	27	7	23	8	25	7	22	7	22	7	24	6	22	6	23	539	22.5
" 19	7	24	8	25	9	25	9	21	8	13	9	15	9	13	9	13	9	14	10	13	10	18	9	16	8	18	8	18	8	23	8	22	8	16	8	13	7	13	8	13	8	14	8	15	8	14	7	17	406	16.9
" 20	8	22	8	20	7	19	7	15	7	17	8	12	9	13	9	12	9	12	10	14	10	19	9	23	9	28	9	27	9	26	9	28	7	22	7	19	7	18	7	18	7	19	6	21	6	29	6	35	488	20.3
" 21	7	35	7	30	7	25	8	26	6	19	9	24	9	19	9	19	7	20	8	25	7	26	7	27	8	27	7	25	8	25	9	24	8	23	8	20	7	21	7	20	7	21	7	21	7	21	8	20	563	23.5
" 22	7	19	9	19	8	17	9	20	8	24	8	19	7	16	9	18	8	21	8	19	8	23	8	22	9	21	9	19	8	26	8	25	9	25	8	28	8	25	8	20	9	21	9	22	8	20	8	16	505	21.0
" 23	8	13	9	12	9	11	10	9	10	11	9	19	8	23	8	22	7	27	7	30	7	29	7	33	7	38	7	38	7	37	7	32	7	35	7	34	7	30	6	31	7	28	6	27	6	21	5	19	609	25.4
" 24	8	16	6	22	6	30	7	29	7	27	7	30	7	26	7	26	8	27	8	32	8	31	8	28	8	32	8	33	9	31	8	31	7	23	7	21	7	11	9	12	8	20	9	21	8	21	8	18	598	24.9
" 25	10	16	9	19	9	19	8	19	7	19	7	17	8	13	8	8	7	6	6	3	26	4	28	5	27	7	27	9	27	9	27	8	27	5	27	7	27	6	26	3	26	2	26	2	...	1	7	6	213	8.9
" 26	8	15	8	20	7	24	8	27	7	18	8	17	8	15	8	11	9	11	9	11	9	6	9	7	10	4	13	4	24	8	22	8	22	3	17	4	13	4	10	7	9	12	7	8	8	13	8	18	275	11.5
" 27	7	18	7	19	7	18	8	14	7	18	7	18	8	17	7	18	8	18	8	19	7	19	7	15	8	11	9	15	9	12	8	9	9	9	9	10	9	7	8	4	...	1	...	1	2	3	8	11	304	12.7
" 28	8	14	8	15	7	12	7	13	6	13	7	14	7	15	8	18	8	16	8	17	9	12	10	10	10	3	...	1	10	2	10	5	9	11	8	14	9	22	8	20	7	19	7	20	7	25	7	23	334	13.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums	...	425	...	430	...	447	...	409	...	382	...	383	...	354	...	351	...	405	...	426	...	447	...	424	...	437	...	430	...	415	...	394	...	375	...	358	...	356	...	339	...	358	...	395	...	399	...	425	9564	398.7
Hourly Means	...	15.2	...	15.4	...	16.0	...	14.6	...	13.6	...	13.7	...	12.6	...	12.5	...	14.5	...	15.2	...	16.0	...	15.1	...	15.6	...	15.4	...	14.8	...	14.1	...	13.4	...	12.8	...	12.7	...	12.1	...	12.8	...	14.1	...	14.3	...	15.2	341.6	14.2

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR FEBRUARY, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.4	13.1	0.2	0.2	+2.2	+12.9	E 10° N
2 „	2.0	14.0	0.1	0.0	1.9	13.9	E 8° N
3 „	2.8	13.9	0.0	0.3	2.7	13.6	E 11° N
4 „	2.0	13.0	0.1	0.2	1.9	12.8	E 8° N
5 „	2.2	11.7	0.1	0.2	2.1	11.5	E 10° N
6 „	1.8	12.2	0.0	0.1	1.8	12.1	E 8° N
7 „	1.2	11.2	0.2	0.4	1.0	10.7	E 5° N
8 „	1.9	11.0	0.2	0.1	1.7	10.9	E 9° N
9 „	1.7	12.8	0.4	0.4	1.3	12.4	E 6° N
10 „	1.9	13.5	0.5	0.6	1.4	12.9	E 6° N
11 „	1.4	13.6	1.0	1.3	0.4	12.3	E 2° N
Noon.	0.9	12.8	0.8	1.6	0.1	11.2	E
1 p.	1.0	12.9	0.9	1.8	+0.2	11.1	E 1° N
2 „	0.5	12.9	0.7	1.9	−0.2	11.0	E 1° S
3 „	0.9	11.9	0.3	2.2	+0.6	9.7	E 4° N
4 „	2.1	11.0	0.4	1.1	1.7	9.9	E 10° N
5 „	2.5	10.2	0.2	1.0	2.3	9.2	E 14° N
6 „	2.5	9.8	0.2	0.5	2.3	9.2	E 14° N
7 „	2.4	10.4	0.2	0.4	2.2	10.0	E 12° N
8 „	3.2	9.3	0.2	0.2	3.0	9.1	E 18° N
9 „	2.2	10.6	0.0	0.2	2.2	10.4	E 12° N
10 „	3.4	11.4	0.0	0.3	3.4	11.1	E 17° N
11 „	2.8	11.9	0.0	0.1	2.8	11.7	E 13° N
Midt.	3.2	12.8	0.0	0.1	+3.2	+12.7	E 14° N
Mean,.....	2.0	12.0	0.3	0.6	+1.8	+11.3	E 9° N

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Feb. 1,.....	...	...	2	E	6	3	E	5	2	NE	5	2
„ 2,.....	...	...	1	NW	4	1	NE	3	1	NE	4	1
„ 3,.....	...	...	0	N	4	1	NNE	6	1	NNE	5	2
„ 4,.....	...	...	1	ENE	5	3	ENE	5	2	E	6	3
„ 5,.....	...	...	2	E	6	2	E	4	2	E	5	3
„ 6,.....	...	...	4	E	6	4	E	4	4	NW	5	1
„ 7,.....	...	...	0	E	3	1	N	4	1	N	4	1
„ 8,.....	...	...	1	N	4	1	N	3	1	NE	4	1
„ 9,.....	...	...	1	NE	4	1	NW	5	1	NNE	5	1
„ 10,.....	...	...	2	ENE	5	1	NE	3	1	E	4	1
„ 11,.....	...	...	2	E	5	2	ENE	4	2	E	4	1
„ 12,.....	...	...	0	ENE	3	1	E	4	1	E	5	1
„ 13,.....	...	...	1	E	6	2	SSE	4	2	SE	3	1
„ 14,.....	...	...	1	N	4	1	N	4	0	N	3	1
„ 15,.....	...	...	1	E	5	2	E	4	2	E	6	2
„ 16,.....	...	...	2	E	6	2	E	4	2	E	4	1
„ 17,.....	...	...	1	ENE	4	1	E	3	1	E	4	1
„ 18,.....	...	...	2	E	5	2	E	3	2	E	5	3
„ 19,.....	...	...	1	E	4	1	E	3	1	E	3	1
„ 20,.....	...	...	1	E	4	1	E	3	2	E	7	2
„ 21,.....	...	...	3	E	6	3	E	5	2	E	6	2
„ 22,.....	...	...	1	E	4	1	ESE	4	1	E	4	2
„ 23,.....	...	...	2	E	6	2	E	6	2	E	6	4
„ 24,.....	...	...	3	E	5	3	E	5	2	E	4	2
„ 25,.....	...	...	1	E	4	1	E	2	0	E	3	0
„ 26,.....	...	...	1	E	4	1	N	2	1	N	4	1
„ 27,.....	...	...	2	E	4	2	E	4	2	NE	4	2
„ 28,.....	...	...	2	E	5	2	E	3	2	N	5	2
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	...	...	1.5	E 13° N	4.7	1.7	E 17° N	3.9	1.5	E 23° N	4.5	1.6

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
Feb. 1,.....	28.127	28.071	28.115	45.6	45.2	44.2	74.7	50.3	43.7	38.2
„ 2,.....	.151	.077	.101	44.2	46.6	45.0	82.0	51.1	41.7	40.3
„ 3,.....	.201	.147	.199	45.8	45.6	45.0	81.8	50.5	43.7	42.3
„ 4,.....	.250	.196	.172	46.0	47.6	45.8	106.6	48.3	43.7	42.2
„ 5,.....	.217	.114	.135	45.6	46.6	45.6	67.3	47.5	43.7	43.2
„ 6,.....	.107	.055	.072	47.6	48.6	46.6	66.1	48.7	44.1	42.2
„ 7,.....	.106	.039	.070	48.8	46.6	45.6	68.0	49.5	43.7	41.2
„ 8,.....	.160	.109	.154	46.7	45.7	45.5	71.0	48.9	44.7	42.4
„ 9,.....	.243	.225	.293	45.7	48.2	42.4	108.1	50.6	39.5	41.0
„ 10,.....	.424	.371	.395	42.0	47.2	42.2	106.3	49.6	39.2	37.6
„ 11,.....	.423	.305	.323	42.5	46.2	46.7	91.4	48.9	42.2	40.8
„ 12,.....	.353	.243	.272	50.7	53.8	52.2	87.0	56.1	46.7	42.4
„ 13,.....	.308	.213	.244	51.4	57.0	54.8	116.7	58.6	50.8	51.0
„ 14,.....	.359	.306	.273	57.2	60.8	56.8	121.5	62.1	53.3	51.3
„ 15,.....	.445	.375	.423	54.5	54.4	46.8	114.0	56.8	46.5	43.4
„ 16,.....	.467	.379	.395	50.9	54.7	51.8	125.5	57.6	46.8	44.8
„ 17,.....	.459	.347	.378	54.5	58.4	54.8	123.5	59.5	47.3	45.8
„ 18,.....	.403	.305	.340	53.0	59.7	53.4	116.7	60.3	49.7	48.8
„ 19,.....	.393	.300	.338	57.0	62.0	57.2	114.0	63.9	53.2	49.4
„ 20,.....	.364	.261	.246	58.2	63.0	52.0	117.3	63.6	51.5	45.4
„ 21,.....	.317	.196	.170	53.7	55.7	54.2	127.1	58.3	51.7	52.2
„ 22,.....	.221	.110	.121	59.4	61.2	58.0	130.0	64.5	54.2	52.4
„ 23,.....	.172	.099	.119	57.8	59.0	56.4	132.3	60.9	55.2	52.4
„ 24,.....	.171	.063	.108	56.8	58.2	57.0	119.1	59.4	55.2	52.8
„ 25,.....	.201	.139	.173	59.7	64.7	60.7	122.0	66.9	56.3	55.4
„ 26,.....	.231	.167	.170	57.0	60.4	57.2	115.8	65.5	55.3	54.8
„ 27,.....	.178	.099	.132	54.7	54.2	52.7	74.6	59.3	52.7	52.8
„ 28,.....	.133	.097	.104	52.8	54.2	53.0	81.3	58.5	51.5	50.4
.....	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...
Mean,.....	28.271	28.193	28.216	51.4	53 8	50.8	102.2	56.3	48.1	46.3

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Feb. 1,.....	83	89	87	96	96	93	0.313	0.313	0.301	0.293	0.293	0.273
„ 2,.....	90	76	83	96	91	96	.298	.302	.312	.282	.290	.291
„ 3,.....	79	75	74	96	93	96	.300	.305	.283	.300	.288	.286
„ 4,.....	69	73	80	89	91	96	.288	.296	.320	.278	.301	.300
„ 5,.....	74	80	83	91	99	99	.313	.323	.343	.279	.314	.302
„ 6,.....	87	94	90	96	96	96	.364	.386	.349	.321	.329	.310
„ 7,.....	86	93	87	96	99	99	.352	.350	.308	.336	.314	.302
„ 8, ...	93	89	85	99	96	91	.316	.308	.286	.316	.296	.278
„ 9,.....	63	64	69	91	85	75	.247	.270	.212	.280	.292	.203
„ 10,.....	55	59	59	80	80	91	.201	.261	.217	.215	.262	.243
„ 11,.....	66	67	72	89	89	84	.243	.275	.288	.244	.280	.268
„ 12,.....	72	73	86	90	81	83	.324	.354	.370	.330	.335	.330
„ 13,.....	84	78	84	86	79	86	.387	.392	.395	.332	.371	.368
„ 14,.....	73	57	64	82	83	82	.413	.414	.329	.382	.443	.376
„ 15,.....	64	75	76	85	84	81	.309	.340	.325	.364	.354	.262
„ 16,.....	53	67	83	70	80	88	.259	.331	.363	.263	.343	.339
„ 17,.....	67	68	78	87	83	82	.366	.384	.374	.372	.409	.354
„ 18,.....	62	69	67	83	76	73	.321	.355	.332	.337	.390	.299
„ 19,.....	53	55	69	73	70	73	.320	.321	.359	.341	.390	.341
„ 20,.....	65	81	80	78	75	67	.380	.414	.385	.381	.431	.262
„ 21,.....	55	64	63	75	72	72	.280	.343	.341	.306	.325	[illegible]
„ 22,.....	72	68	84	89	91	91	.163	.434	.474	.455	.492	.440
„ 23,.....	71	73	81	91	82	83	.406	.404	.433	.437	.413	[illegible]
„ 24,.....	79	80	89	92	91	89	.420	.412	.185	.426	.446	[illegible]
„ 25,.....	77	75	90	91	89	93	.475	.483	.495	.469	.543	.496
„ 26,.....	82	65	79	93	84	85	.434	.425	.420	.432	.412	[illegible]
„ 27,.....	78	84	76	94	97	92	.384	.400	.359	.404	.406	.368
„ 28,.....	80	82	89	93	92	97	.400	.426	.420	.374	.389	.393
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	73	74	79	88	87	87	0.342	0.359	0.353	0.341	0.364	0.328

TABLE XII.

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
1887.												
Feb. 1, ...	*10	nim.	...	10	nim.	NE	10	nim.	ENE	10	str. / cum-nim.	S / E
„ 2, ...	*10	cum-nim.	...	10	nim.	NE	10	nim.	NE	10	nim.	NW
„ 3, ...	*10	cum-nim.	...	10	nim.	N	10	nim.	SSW	10	str. / cum-nim.	N
„ 4, ...	*10	cum.	...	10	cum.	E	10	cum. / cum-nim.	W / E	10	str-cum.	E
„ 5, ...	*10	cum-nim.	...	10	cum-nim.	E	10	cum. / cum-nim.	W / E	10	str. / cum.	E
„ 6, ...	*10	cum.	...	10	str.	E	10	nim.	E	10	nim.	E
„ 7, ...	*10	nim.	...	10	nim.	...	10	R-cum.	S	10	R-cum.	E
„ 8, ...	*10	cum-nim.	...	10	nim.	...	10	cum-nim.	WNW	10	nim.	NW
„ 9, ...	* 8	cum.	...	7	cum.	...	10	R-cum.	W	1	sm-cum.	W
„ 10, ...	0	...	...	2	sm-cum.	...	3	cum.	ESE	1	cum.	ESE
„ 11, ...	2	cum.	E	10	cum.	...	10	str-cum.	SW	10	str.	SW
„ 12, ...	10	cum.	WSW	10	cum.	...	10	R-cum.	WNW	10	str-cum.	WNW
„ 13, ...	* 4	cum.	...	8	cum.	...	10	R-cum.	W	10	sm-cum.	W
„ 14, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 15, ...	4	sm-cum.	WNW	8	cum.	ENE	7	cum.	ENE	1	cum.	ENE
„ 16, ...	1	cum.	NE	0	...	...	0	...	...	0	...	...
„ 17, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 18, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 19, ...	9	cum.	SE	8	cum.	ESE	9	sm-cum. / cum.	E	1	cum.	SE
„ 20, ...	1	cum.	...	1	cum.	...	0	...	...	0	...	...
„ 21, ...	* 7	cum.	...	8	cum.	...	9	cum.	SSE	9	cum.	SSE
„ 22, ...	9	str.	...	5	cum.	E	5	c. / R-cum.	E	3	c. / cum.	ESE
„ 23, ...	8	cum.	SSE	6	cum.	E	10	R-cum.	E	9	cum. / cum.	SSE / E
„ 24, ...	10	str.	...	8	cum.	E	10	cum. / cum.	WSW / ESE	5	cum. / cum.	WSW / S
„ 25, ...	1	cum.	...	0	...	...	3	c-str. / cum.	N	0	...	...
„ 26, ...	10	cum.	ENE	8	cum-nim.	ENE	10	cum-nim.	ENE	10	cum-nim.	NE
„ 27, ...	10	cum.	...	10	cum-nim.	E	10	cum-nim.	ENE	10	str. / cum.	E
„ 28, ...	10	nim.	..	10	cum-nim.	E	10	cum. / cum-nim.	W / ENE	10	cum. / cum.	WSW / E
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	6.6	...	...	6.7	...	...	7.4	...	...	6.1	...	...

* Interpolated.

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Feb. 1,.....	10	nim.	E	10	nim.	ENE	10	cum-nim.	ENE	10	cum-nim.	NE	10.0
„ 2,.....	10	cum-nim.	SSW	10	str-cum. / cum-nim.	WSW /	10	cum-nim.	...	10	cum.	NW	10.0
„ 3,.....	10	cum-nim.	WNW	10	str. / cum.	WSW / W	10	cum.	W	10	cum.	WNW	10.0
„ 4,.....	10	cum-nim.	ENE	10	str-cum.	NE	10	str.	...	10	cum.	E	10.0
„ 5,.....	10	str. / cum-nim.	E	10	cum-nim.	N	10	str.	...	10	R-cum.	E	10.0
„ 6,.....	10	nim.	E	10	nim.	E	10	nim.	...	10	nim.	NE	10.0
„ 7,.....	10	nim.	E	10	nim.	NNW	10	nim.	NW	10	str-cum.	...	10.0
„ 8,.....	10	nim.	NNW	10	nim.	WNW	10	cum.	W	10	sm-cum.	W	10.0
„ 9,.....	1	cum.	...	10	cum. / cum-nim.	NW	4	cum.	...	0	...	...	5.1
„ 10,.....	1	cum.	SW	7	sm-cum. / cum.	WNW / SE	0	...	...	0	...	...	1.7
„ 11,.....	10	str-cum.	SW	10	str.	WSW	10	str-cum.	W	10	str-cum.	WNW	9.0
„ 12,.....	10	str-cum.	WNW	10	str-cum.	WNW	10	str-cum.	...	0	...	...	8.8
„ 13,.....	0	...	...	0	...	...	0	...	...	0	...	...	4.0
„ 14,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 15,.....	1	cum.	ENE	1	cum.	ENE	0	...	...	0	...	...	2.7
„ 16,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 17,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 18,.....	0	...	...	0	...	...	0	...	...	6	cum.	E	0.8
„ 19,.....	0	...	...	0	...	...	0	...	...	1	cum.	NNE	3.5
„ 20,.....	0	...	...	0	...	...	0	...	...	7	cum.	E	1.1
„ 21,.....	9	cum. / cum-nim.	SSE	9	cum. / cum.	WNW / SSE	8	cum.	SSE	4	cum.	SSE	7.9
„ 22,.....	8	cum. / cum.	SW / ESE	8	cum. / cum.	WSW / SE	8	c-cum. / cum.	SE	2	cum.	SE	6.0
„ 23,.....	9	sm-cum. / cum.	WNW / ESE	7	cum. / cum.	WNW / ESE	3	cum.	ESE	10	str-cum.	...	7.8
„ 24,.....	7	c-cum.	WSW	9	c-str. / R-cum.	WSW / ENE	10	R-cum.	E	10	cum.	...	8 6
„ 25,.....	1	c-str. / cum.	NE	5	c-str. / cum.	WNW / NNE	2	c-str.	...	1	c-str.	...	1.6
„ 26,.....	10	sm-cum. / cum.	SW / NE	10	c-str. / sm-cum.	WSW	9	sm-cum.	WSW	10	cum.	WSW	9.6
„ 27,.....	10	nim.	NE	10	str. / cum-nim.	NNE	10	cum-nim.	...	10	nim.	...	10.0
„ 28,.....	10	str-cum.	...	10	str.	N	10	cum-nim.	...	10	nim.	ENE	10.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	6.0	...	...	6.6	...	...	5.9	...	...	5.8	...	...	6.4

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Feb. 1,.....	0.560	14	0.47	0.79
„ 2, ...	0.105	4	0.09	0.17
„ 3,.....	0.010	1	...	...
„ 4,.....	...	...	...	...
„ 5,.....	0.020	4	0.02	...
„ 6,.....	0.315	10	0.29	0.38
„ 7,.....	0.250	14	0.14	0.16
„ 8,.....	0.025	4	...	...
„ 9,.....	...	...	...	...
„ 10,.....	...	...	...	...
„ 11,.....	...	...	...	...
„ 12,.....	...	...	...	...
„ 13,.....	0.005	...	...	...
„ 14,.....	...	...	...	...
„ 15,.....	...	...	...	...
„ 16,.....	...	...	...	...
„ 17,.....	...	...	...	...
„ 18,.....	...	...	...	...
„ 19,.....	...	...	...	...
„ 20,.....	...	...	...	..
„ 21,.....	...	...	...	...
„ 22,.....	0.010	1	...	...
„ 23,.....	...	...	...	...
„ 24,.....	...	...	...	...
„ 25,.....	...	...	...	...
„ 26,.....	...	...	...	...
„ 27,.....	0.010	7	...	...
„ 28,.....	0.230	10	0.20	0.79
.....	...	...	...	...
.....	...	...	...	...
.....	...	...	...	...
Total,.....	1.540	69	1.21	2.29

W. Doberck,
Government Astronomer.

Hongkong Observatory, 17th March, 1887.

HONGKONG OBSERVATORY.

Weather Report for March, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Great Northern and the Eastern Extension Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock.

Slight fog was noted on the early mornings of the 9th and 27th, and on the evening of the 12th.

It was hazy on the mornings of the 13th, 29th and 30th, and all day on the 23rd.

Dewfell on the evenings of the 8th, 29th and 30th.

Thunder was heard on the morning of the 8th, lightning seen on the evening of the 12th, and lightning accompanied by thunder noted about $0^{h.}$ $15^{m.}$ a on the 17th. Thunder was also heard about $10^{h.}$ $30^{m.}$ a. on the 17th.

A rainbow was observed at $5^{h.}$ $15^{m.}$ p. on the 5th, and a solar halo on the 9th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.*	*Duration.*	*Velocity.*
	Miles.	Hours.	Miles per hour.
N	304	28	10.9
NE	560	42	13.3
E	11800	587	20.1
SE	328	26	12.6
S	6	2	3.0
SW	9	2	4.5
W	125	16	7.8
NW	142	25	5.7
Calm	11	16	0.7

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MARCH, 1887.

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, ...	29.903	29.891	29.878	29.874	29.892	29.907	29.951	29.963	29.973	29.981	29.975	29.945	29.920	29.901	29.915	29.914	29.921	29.920	29.955	29.957	29.973	29.940	29.986	29.988	29.934
„ 2, ...	.949	.958	.949	.952	.949	.974	.992	30.022	30.035	30.025	30.021	30.007	.977	.949	.947	.949	.964	.981	.999	30.027	30.037	30.045	30.039	30.034	.991
„ 3, ...	30.015	30.002	.990	.988	.991	30.002	30.016	.033	.045	.053	.045	.028	30.001	.976	.965	.962	.963	.980	30.000	.010	.017	.013	.010	.005	30.005
„ 4, ...	29.995	29.983	.963	.946	.952	29.954	29.976	.000	.001	29.991	.004	29.972	29.941	.923	.887	.860	.867	.885	29.887	29.895	29.915	29.915	29.899	29.908	29.938
„ 5, ...	.902	.900	.880	.879	.884	.880	.888	29.921	29.931	.927	29.910	.885	.863	.836	.820	.823	.829	.831	.856	.881	.896	.902	.902	.890	.880
„ 6, ...	.888	.883	.874	.866	.865	.889	.911	.921	.934	.941	.925	.918	.900	.875	.859	.854	.864	.880	.898	.923	.942	.950	.958	.964	.903
„ 7, ...	.971	.961	.957	.942	.943	.979	.991	30.030	30.040	30.049	30.030	30.008	.969	.941	.927	.923	.928	.943	.954	.982	30.008	30.017	30.015	30.008	.980
„ 8, ...	.995	.977	.963	.959	.961	.967	.997	.024	.036	.049	.039	.006	.991	.967	.951	.942	.953	.961	.973	.993	.006	.014	.008	.010	.989
„ 9, ...	.993	.978	.956	.956	.963	.987	30.004	.020	.036	.052	.062	.034	30.024	.996	.975	.967	.972	.978	.983	30.008	.021	.035	.040	.042	30.003
„ 10, ...	30.033	30.013	.990	.970	.976	.978	.005	.027	.043	.059	.051	.035	.016	.983	.987	.987	30.004	30.010	30.020	.030	.044	.046	.052	.015	.016
„ 11, ...	.015	.005	.978	.967	.977	.986	29.982	29.975	29.994	29.993	.003	29.991	29.950	.920	.905	.909	29.910	29.917	29.930	29.941	29.966	29.955	29.947	29.948	29.961
„ 12, ...	29.933	29.911	.884	.866	.874	.896	.909	.920	.932	.937	29.926	.906	.870	.827	.812	.799	.799	.802	.820	.841	.861	.879	.889	.889	.874
„ 13, ...	.882	.887	.880	.890	.907	.934	.958	.974	.975	.991	30.012	.991	.973	.946	.932	.934	.930	.934	.948	.961	.971	.983	.982	.986	.948
„ 14, ...	.969	.959	.950	.942	.936	.949	.962	30.001	.986	.983	29.979	.955	.929	.881	.876	.878	.874	.884	.891	.919	.930	.946	.945	.937	.936
„ 15, ...	.930	.923	.905	.874	.885	.907	.913	29.930	.943	.933	.928	.911	.879	.856	.836	.837	.858	.859	.884	.893	.899	.926	.930	.912	.898
„ 16, ...	.901	.881	.888	.878	.887	.899	.926	.954	.990	.986	.958	.930	.890	.876	.876	.852	.848	.848	.870	.882	.896	.898	*.900	*.890	.900
„ 17, ...	*.880	*.870	*.860	*.850	*.860	*.880	*.910	*.930	*.940	.944	.960	.934	.904	.885	.868	.866	.888	.897	.923	.945	.960	.981	.989	.982	.913
„ 18, ...	.976	30.022	.993	.973	.989	30.023	30.044	30.044	30.066	30.081	30.075	30.058	30.035	30.013	.998	.986	.992	30.003	30.005	30.029	30.041	30.047	30.053	30.049	30.025
„ 19, ...	30.040	.036	30.028	30.023	30.026	.046	.060	.076	.088	.077	.066	.023	29.996	29.971	.948	.937	.943	29.955	29.957	29.981	29.996	29.990	.000	29.998	.011
„ 20, ...	29.989	29.973	29.968	29.959	29.964	29.982	.003	.018	.024	.022	.001	29.972	.943	.917	.896	.888	.889	.901	.932	.959	.975	.981	29.998	30.013	29.965
„ 21, ...	30.013	30.010	30.007	.984	.989	.999	.025	.040	.049	.043	.042	30.021	.990	.967	.937	.920	.909	.945	.961	.981	30.003	30.019	30.037	.036	.997
„ 22, ...	29.997	29.979	29.983	.980	.982	30.016	.023	.036	.036	.039	.023	.004	.961	.959	.948	.941	.940	.956	.983	30.001	.021	.045	.047	.055	.998
„ 23, ...	30.047	30.016	30.035	30.028	30.034	.052	.068	.094	.098	.097	.090	.074	30.038	30.012	.998	.986	.992	30.014	30.044	.072	.101	.108	.114	.107	30.055
„ 24, ...	.108	.088	.069	.069	.087	.095	.113	.119	.134	.135	.129	.106	.068	.043	30.021	30.010	30.013	.040	.067	.094	.111	.110	.117	.110	.086
„ 25, ...	.101	.088	.071	.061	.070	.077	.096	.108	.120	.100	.088	.059	.033	.008	29.985	29.992	.005	.007	.023	.058	.082	.083	.090	.078	.062
„ 26, ...	.063	.039	.014	.005	.013	.036	.042	.059	.069	.077	.064	.039	.002	29.977	.960	.952	29.954	29.971	29.973	29.998	.011	.015	.013	.008	.015
„ 27, ...	29.990	29.968	29.951	29.935	29.942	29.969	29.991	.009	.012	.002	29.984	29.972	29.946	.914	.883	.867	.865	.881	.888	.898	29.921	29.920	29.911	29.909	29.939
„ 28, ...	.899	.887	.871	.870	.863	.880	.904	29.923	29.929	29.931	.923	.897	.877	.846	.822	.807	.813	.818	.832	.851	.851	.853	.844	.817	.867
„ 29, ...	.811	.794	.778	.775	.777	.790	.810	.828	.832	.819	.811	.797	.761	.737	.721	.709	.707	.702	.710	.720	.742	.762	.776	.772	.768
„ 30, ...	.762	.757	.745	.746	.756	.780	.798	.810	.815	.825	.821	.804	.775	.750	.731	.718	.720	.721	.736	.753	.770	.773	.778	.785	.768
„ 31, ...	.778	.773	.769	.768	.789	.819	.846	.859	.871	.876	.870	.854	.828	.802	.784	.778	.781	.785	.795	.806	.806	.809	.819	.827	.812
Hourly Means, ...	29.959	29.949	29.936	29.928	29.935	29.953	29.971	29.989	29.999	30.001	29.994	29.972	29.944	29.918	29.902	29.895	29.900	29.910	29.926	29.945	29.960	29.966	29.971	29.967	29.950

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF MARCH, 1887.

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	57.0	56.8	56.7	56.4	56.3	56.2	56.7	57.4	57.4	57.8	57.8	57.6	57.6	57.6	57.8	58.5	58.0	57.8	58.0	57.9	57.8	57.7	57.0	56.8	57.4	58.5	56.2
,, 2	56.7	56.3	56.5	56.5	56.9	57.0	57.4	57.7	58.5	60.5	59.4	58.8	58.9	58.7	58.7	59.5	58.8	57.9	57.8	57.5	57.6	57.3	56.9	56.9	57.9	60.5	56.3
,, 3	56.9	56.8	56.7	56.6	56.5	56.6	56.6	57.2	57.6	58.6	59.3	59.7	59.6	59.7	61.8	59.6	58.4	58.0	57.8	57.7	57.7	57.7	57.7	57.6	58.0	62.1	56.4
,, 4	57.6	57.5	57.7	57.4	57.5	57.2	57.5	57.9	58.7	60.6	61.0	61.4	59.7	58.8	58.0	57.7	57.9	58.0	57.9	58.6	59.3	59.7	59.6	59.1	58.6	62.0	57.2
,, 5	58.6	58.7	58.1	58.0	58.5	58.0	58.1	59.5	59.5	59.8	60.4	61.5	60.7	59.7	60.2	59.6	59.3	59.0	59.6	59.6	59.7	60.0	60.2	60.3	59.4	61.5	57.7
,, 6	60.8	61.0	60.7	60.4	60.7	60.5	60.7	61.4	62.4	63.9	64.0	64.6	66.6	67.0	66.6	64.5	63.9	63.5	63.3	62.5	63.3	63.3	61.8	61.7	62.9	67.4	60.1
,, 7	60.6	60.4	59.9	58.7	58.4	57.8	57.7	57.8	58.4	58.6	59.7	60.8	60.3	59.7	60.1	60.6	59.6	59.0	58.4	58.3	58.1	58.2	58.3	58.5	59.1	61.7	57.7
,, 8	58.8	58.8	58.7	58.4	58.1	58.2	58.5	58.7	58.8	59.8	60.9	62.4	62.9	62.7	63.4	62.9	62.2	61.8	61.1	60.3	60.1	60.2	60.7	61.6	60.4	63.4	58.1
,, 9	60.0	59.5	58.4	58.8	57.2	57.9	57.6	61.6	63.6	64.6	64.9	64.7	64.7	63.5	61.9	62.5	62.0	61.1	60.8	60.7	60.6	60.8	61.1	60.6	61.2	65.0	57.0
,, 10	60.6	60.2	59.5	59.3	59.5	59.3	59.6	59.8	60.7	60.7	60.8	61.5	61.0	60.8	61.8	61.0	60.5	60.0	59.7	59.4	59.8	59.8	59.5	59.4	60.2	61.8	59.3
,, 11	59.7	59.8	59.9	59.8	59.7	59.9	59.9	60.6	61.7	62.5	64.2	63.6	63.7	63.7	64.7	63.1	62.9	63.2	63.0	62.8	63.5	63.4	63.1	62.8	62.1	64.7	59.4
,, 12	62.8	62.8	63.2	63.1	63.1	63.2	63.5	64.4	65.9	66.8	68.8	72.6	75.6	73.3	71.8	72.4	71.8	66.9	66.6	66.7	66.8	67.0	67.3	67.0	67.2	76.0	62.8
,, 13	67.1	67.1	65.8	61.0	59.4	58.4	57.8	58.1	59.3	60.2	59.9	60.0	59.7	59.5	59.7	59.7	59.4	59.0	59.2	59.4	59.4	59.8	59.4	59.5	60.3	67.6	57.4
,, 14	58.8	58.8	58.6	58.3	57.8	58.2	57.6	58.1	59.3	60.8	69.8	60.6	59.8	60.8	60.7	60.8	61.0	60.6	60.7	61.1	60.9	59.8	59.2	58.4	59.6	61.2	57.6
,, 15	58.0	58.5	58.6	58.4	58.6	58.4	58.5	59.7	59.7	60.5	60.0	60.9	60.8	61.2	61.4	61.5	60.5	60.6	60.8	60.3	60.6	60.7	60.5	60.6	60.0	61.7	57.9
,, 16	60.5	60.8	60.2	60.2	60.0	60.2	60.4	60.1	60.7	60.0	59.5	61.4	61.9	61.8	62.2	60.6	60.0	59.3	59.4	59.4	59.8	59.6	59.0	58.8	60.2	62.2	58.8
,, 17	58.8	58.9	59.7	59.4	59.1	59.2	59.3	59.7	59.3	60.3	60.1	60.6	61.5	61.7	61.6	60.7	60.5	61.0	61.2	60.1	60.8	60.0	59.5	59.2	60.1	61.7	58.8
,, 18	58.5	54.1	54.0	53.8	54.2	54.2	54.6	56.0	57.6	57.5	56.6	56.4	56.3	56.8	55.8	55.9	55.1	55.3	55.2	56.1	55.8	56.4	56.9	55.2	55.8	59.4	53.8
,, 19	55.5	54.7	54.9	55.0	54.3	54.8	54.8	55.7	57.1	57.8	58.9	60.8	58.8	58.2	58.7	58.7	57.6	57.5	57.4	57.6	57.5	57.5	57.5	57.4	57.0	61.2	54.2
,, 20	57.5	57.4	56.7	56.1	56.3	56.5	57.2	58.7	60.8	62.9	63.2	64.2	65.9	65.6	63.7	62.5	61.9	60.3	60.0	59.6	59.9	60.2	59.8	58.9	60.2	66.6	56.0
,, 21	58.3	57.2	58.0	57.7	57.7	57.8	58.3	60.2	61.8	62.3	62.8	63.0	62.6	62.9	62.4	62.4	61.9	61.0	59.4	60.5	59.4	59.7	59.3	58.7	60·2	63.0	57.2
,, 22	59.2	58.8	58.2	57.6	58.1	58.3	58.4	59.6	60.6	61.8	63.1	63.8	64.4	63.1	62.1	62.1	61.6	60.0	59.7	59.8	59.4	60.3	59.3	58.6	60.3	64.4	57.6
,, 23	58.7	58.6	58.7	58.1	57.7	57.7	57.8	58.6	60.8	60.8	62.4	64.4	63.7	62.8	62.7	61.7	60.6	59.3	59.2	59.3	59.2	59.0	59.0	59.1	60.0	64.4	57.6
,, 24	58.9	58.1	57.9	57.6	57.8	57.4	57.8	60.4	61.8	61.5	62.5	62.6	61.8	62.7	62.4	62.0	61.9	60.7	59.9	59.7	59.8	59.9	59.7	59.8	60.2	62.7	57.4
,, 25	59.7	59.0	58.8	58.9	59.0	59.4	59.8	60.9	63.8	65.6	64.2	63.1	64.5	63.9	63.6	62.8	63.0	61.7	61.5	60.9	60.9	60.7	60.3	59.9	61.5	65.6	58.7
,, 26	59.7	60.4	60.5	61.1	61.3	61.3	61.7	63.5	65.4	66.7	67.2	66.9	66.7	66.0	65.9	65.2	65.0	62.9	61.3	60.9	61.3	61.7	60.9	60.9	63.1	67.2	59.5
,, 27	61.0	61.2	61.6	61.6	61.3	61.2	62.9	64.7	67.4	68.8	69.6	69.6	69.9	69.3	68.8	68.1	68.4	65.1	63.6	63.5	63.4	63.8	64.1	63.6	65.1	69.9	60.2
,, 28	63.2	63.5	62.8	62.0	62.5	63.1	63.5	65.1	65.7	66.8	68.4	69.4	69.9	69.2	68.9	67.6	66.9	65.9	65.0	65.3	65.3	67.0	66.2	65.2	65.8	69.9	61.6
,, 29	65.8	65.8	65.6	65.8	65.9	65.8	66.6	69.5	69.2	69.9	71.4	72.5	73.1	75.2	75.7	74.7	72.5	71.2	68.6	67.7	66.8	65.9	65.9	65.6	69.0	77.8	65.1
,, 30	65.6	64.6	64.7	64.7	64.7	64.9	65.1	66.8	69.1	72.1	74.8	75.4	76.5	77.2	78.4	77.6	77.1	71.3	68.7	68.3	67.5	67.0	66.8	65.7	69.8	78.4	64.2
,, 31	65.2	65.5	64.9	64.6	65.1	66.1	64.7	65.2	66.0	66.3	66.2	67.1	67.9	68.5	68.4	67.1	66.5	67.2	66.6	67.0	65.6	65.7	66.0	65.8	66.2	68.8	64.5
Hourly Means,	60.0	59.7	59.6	59.2	59.1	59.2	59.4	60.5	61.6	62.5	63.0	63.6	63.8	63.6	63.5	63.0	62.5	61.5	61.0	60.9	60·9	61.0	60.7	60.4	61.3	64.8	58.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MARCH, 1887.

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.	Sun.	Rad.
Mar. 1	55.0	54.9	54.8	54.7	54.9	54.9	55.4	56.1	56.5	56.8	56.9	56.9	57.0	56.8	57.3	57.4	57.4	57.3	57.3	57.2	57.0	56.7	56.2	55.8	56.3	78.8	55.0
„ 2	55.8	55.6	55.6	55.8	56.4	56.4	56.7	57.1	57.4	58.5	57.6	57.3	57.4	56.7	56.8	57.4	57.1	56.4	56.2	56.0	55.7	55.7	55.7	55.6	56.5	105.7	55.5
„ 3	55.4	55.3	55.1	55.1	55.0	55.2	55.0	55.1	55.4	55.6	56.4	56.4	56.4	56.4	57.9	56.5	56.4	55.2	55.0	55.1	55.0	55.4	55.3	55.5	55.6	127.3	55.5
„ 4	55.5	55.4	55.5	55.3	55.3	54.9	55.3	55.7	56.1	56.7	56.6	57.2	56.3	56.1	55.8	56.3	56.6	56.7	56.6	56.9	57.4	57.6	57.6	57.0	56.3	113.6	55.8
„ 5	56.7	56.9	56.6	56.9	57.5	57.5	57.5	57.5	57.4	57.5	58.2	58.6	58.4	57.6	58.0	57.7	58.0	58.1	58.6	58.9	58.8	59.1	59.3	59.3	57.9	107.9	56.7
„ 6	59.2	59.2	59.1	59.0	59.3	59.9	60.2	60.9	61.4	62.2	62.6	62.6	64.2	64.6	64.3	62.4	61.7	61.4	60.9	60.6	61.8	62.1	60.7	60.7	61.3	127.3	58.7
„ 7	59.5	59.2	58.7	58.0	57.7	57.4	57.3	57.4	57.4	57.5	58.5	58.6	57.4	57.0	56.8	57.6	57.6	57.6	57.4	57.4	57.6	57.7	57.7	57.6	57.8	101.7	57.7
„ 8	57.8	57.5	57.3	57.4	57.5	57.7	57.3	57.4	57.9	57.3	58.4	58.8	59.4	59.3	59.3	58.7	58.7	57.8	57.6	57.4	57.1	57.1	56.2	55.4	57.8	109.6	55.3
„ 9	55.6	56.5	55.9	56.0	54.6	54.6	55.2	55.5	55.5	56.5	57.1	57.4	58.2	57.6	56.4	54.6	55.2	55.5	55.4	56.2	56.3	56.2	56.1	55.3	56.0	127.3	54.7
„ 10	54.3	53.9	54.4	55.1	55.0	55.1	54.5	52.8	54.4	53.4	53.7	55.3	54.6	55.1	56.3	56.3	56.3	55.7	54.9	55.2	54.9	55.2	54.9	55.0	54.8	126.8	57.9
„ 11	55.4	55.5	55.4	55.1	55.4	55.2	55.1	55.5	55.4	56.5	57.6	57.2	56.7	57.4	58.6	58.3	58.6	59.4	59.5	59.9	60.6	60.7	60.5	60.5	57.5	111.5	58.5
„ 12	60.5	60.5	61.0	61.0	61.0	61.3	61.8	62.5	63.5	64.3	65.5	67.5	69.0	68.2	67.4	68.1	68.0	65.3	65.4	65.2	65.3	65.7	65.9	65.6	64.6	139.1	62.0
„ 13	65.8	65.8	64.2	59.5	57.9	56.7	55.9	55.6	55.6	55.6	55.3	55.2	55.2	55.4	55.4	55.4	55.4	55.2	55.1	55.4	55.7	56.1	55.8	55.6	57.0	119.7	56.3
„ 14	55.3	55.6	55.4	55.2	55.0	55.4	54.9	55.5	55.6	56.2	56.2	56.3	55.6	55.8	55.4	55.9	56.3	56.6	57.3	57.7	58.3	57.3	57.1	56.6	56.1	120.5	57.3
„ 15	56.2	56.7	56.7	56.6	56.6	56.9	57.3	57.9	58.1	58.3	58.3	58.4	58.2	58.4	58.5	58.4	58.0	58.6	58.3	58.4	58.4	58.4	58.4	58.5	57.9	123.3	56.9
„ 16	58.3	58.2	57.8	57.6	57.6	57.7	57.6	58.3	58.3	58.3	58.1	59.2	59.6	59.3	59.3	58.6	57.7	57.5	57.4	57.4	58.1	58.3	56.9	57.3	58.1	85.8	57.7
„ 17	57.0	56.9	57.4	57.5	57.2	57.4	57.5	57.4	58.2	58.6	59.3	59.4	59.3	59.5	58.4	58.2	56.5	55.2	54.4	53.4	54.5	53.3	52.3	52.3	56.7	74.5	57.3
„ 18	51.9	51.4	52.2	51.8	50.5	50.1	50.6	51.4	52.4	52.3	51.3	51.3	51.6	52.4	51.7	51.8	51.7	51.5	51.7	52.2	51.9	52.2	52.5	52.4	51.7	90.5	51.6
„ 19	52.7	*52.8	52.1	52.1	51.6	51.9	52.6	53.4	53.9	53.9	55.0	56.5	55.4	54.8	55.4	55.5	54.6	54.4	53.9	54.3	54.7	54.6	54.4	54.2	53.9	127.4	52.4
„ 20	53.9	54.1	53.5	53.3	53.4	53.5	54.2	55.4	56.2	56.2	57.1	57.3	57.8	58.7	56.7	57.3	56.2	54.8	54.8	55.1	55.3	55.5	55.1	53.3	55.4	125.1	52.7
„ 21	52.4	51.0	50.8	50.0	50.8	51.5	52.4	52.6	52.1	52.0	52.3	51.9	52.1	53.6	53.6	52.2	53.1	53.7	52.4	52.3	52.4	51.6	50.3	49.6	51.9	121.3	51.1
„ 22	49.4	48.4	48.5	48.5	47.9	48.4	47.9	49.4	49.4	49.3	51.3	51.0	51.2	52.0	51.9	53.3	53.3	53.7	54.5	55.4	55.2	55.6	54.6	55.2	51.5	122.3	55.3
„ 23	55.5	55.5	55.7	56.0	55.9	55.8	55.7	56.3	57.2	57.0	58.2	58.9	58.9	58.2	56.9	56.6	55.6	53.7	52.5	53.2	54.5	53.7	53.1	52.6	55.7	124.3	55.7
„ 24	52.2	53.4	53.7	53.8	54.5	54.6	54.8	56.5	56.8	56.6	57.2	57.0	56.3	55.5	54.5	52.5	52.9	53.8	54.6	55.5	55.4	55.4	53.9	49.7	54.6	120.3	55.3
„ 25	46.5	47.4	48.7	49.1	49.7	50.7	51.8	53.4	53.5	54.3	58.1	56.3	54.4	53.4	54.7	56.2	55.2	53.9	54.1	54.0	54.3	53.7	54.0	52.8	52.9	125.9	56.5
„ 26	51.4	50.3	48.3	47.8	48.2	49.0	49.2	51.1	50.8	51.5	52.4	53.0	52.7	52.6	54.1	54.7	55.1	55.2	54.8	54.8	55.0	55.3	55.3	54.3	52.4	125.0	55.3
„ 27	52.7	51.8	51.7	51.7	*51.6	*51.6	52.7	55.2	54.1	52.2	53.2	53.2	53.1	54.4	54.9	55.0	54.0	55.2	55.5	55.7	55.8	55.1	55.2	57.4	53.9	130.3	54.0
„ 28	57.7	58.2	58.2	58.3	58.2	58.9	59.2	59.5	58.4	58.5	59.3	59.3	60.9	60.4	61.1	59.6	60.9	60.4	59.2	59.6	58.6	59.8	60.5	60.7	59.4	129.9	57.8
„ 29	62.0	62.5	62.4	62.7	62.5	62.7	63.7	65.5	65.5	65.9	66.8	67.3	68.1	68.6	69.1	68.0	67.4	67.1	66.1	65.9	65.4	65.0	64.9	65.0	65.4	136.7	61.9
„ 30	65.1	64.0	64.2	64.3	64.3	64.5	64.5	65.2	66.2	67.7	68.8	69.2	69.4	69.6	70.0	68.9	68.6	67.2	66.4	66.0	65.9	65.6	65.7	65.0	66.5	142.7	62.3
„ 31	64.9	64.9	64.8	64.3	64.5	65.6	64.0	64.6	64.7	64.8	64.5	65.0	65.2	65.1	64.9	64.3	63.9	64.3	64.1	64.4	63.6	64.0	64.0	63.9	64.5	118.6	63.5
Hourly Means,	56.2	56.1	56.0	55.8	55.7	55.9	56.1	56.7	56.9	57.2	57.8	58.0	58.1	58.1	58.1	57.9	57.7	57.4	57.2	57.3	57.4	57.4	57.1	56.8	57.0	117.4	56.6

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MARCH, 1887.

Hour.	Hourly Mean. Humidity.	Hourly Mean. Tension.	Date.	Daily Mean. Humidity.	Daily Mean. Tension.
			1887.		
1 a	77	0.407	Mar. 1,.....	94	0.440
2 „	79	.408	„ 2,.....	91	.439
3 „	79	.407	„ 3,.....	85	.412
4 „	79	.406	„ 4,.....	86	.425
5 „	79	.404	„ 5,.....	91	.462
6 „	80	.409	„ 6,.....	92	.522
7 „	80	.412	„ 7,.....	92	.463
8 „	78	.415	„ 8,.....	85	.445
9 „	73	.407	„ 9,.....	70	.381
10 „	70	.404	„ 10,.....	68	.359
11 „	71	.415	„ 11,.....	74	.414
Noon.	70	.414	„ 12,.....	87	.575
1 p	69	.414	„ 13,.....	80	.423
2 „	70	.417	„ 14,.....	79	.406
3 „	70	.418	„ 15,.....	88	.454
4 „	72	.418	„ 16,.....	88	.457
5 „	73	.419	„ 17,.....	79	.417
6 „	77	.423	„ 18,.....	75	.331
7 „	78	.424	„ 19,.....	81	.376
8 „	79	.428	„ 20,.....	72	.377
9 „	79	.431	„ 21,.....	53	.278
10 „	79	.430	„ 22,.....	50	.266
11 „	79	.424	„ 23,.....	75	.388
Midt.	79	.419	„ 24,.....	68	.354
			„ 25,.....	53	.288
			„ 26,.....	43	.253
			„ 27,.....	43	.269
			„ 28,.....	66	.423
			„ 29,.....	82	.579
			„ 30,.....	83	.608
			„ 31,.....	91	.586
Mean, ...	76	0.416	Mean,.....	76	0.415

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.
1887.														
Mar. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	0.2	0.2	0.5	0.5	...	...	...	1.4
„ 4,	...	...	...	0.1	0.3	...	...	...	...	...	...	...	...	0.4
„ 5,	...	...	...	...	...	...	0.1	0.1	...	...	...	...	...	0.2
„ 6,	...	...	...	...	...	...	...	0.2	0.5	0.1	0.1	...	...	0.9
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	0.7	1.0	1.0	1.0	1.0	0.8	0.8	0.6	0.7	1.0	0.7	...	9.3
„ 10,	...	...	...	...	...	...	0.3	...	...	...	...	...	...	0.3
„ 11,	...	...	...	0.1	...	...	...	...	0.1	...	...	...	...	0.2
„ 12,	...	...	...	0.1	0.1	0.7	0.6	1.0	1.0	1.0	1.0	0.8	...	6.3
„ 13,	...	...	...	0.5	...	...	...	...	...	...	...	...	...	0.5
„ 14,	...	...	...	0.1	...	...	...	...	0.3	...	...	...	...	0.4
„ 15,	...	...	...	...	...	...	...	...	0.3	0.2	...	...	...	0.5
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	0.1	...	...	...	...	...	...	...	...	...	...	0.1
„ 19,	...	...	...	...	...	...	0.2	...	...	0.3	0.2	...	...	0.7
„ 20,	...	0.1	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.9
„ 21,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.2
„ 22,	...	...	0.1	...	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.5	...	7.1
„ 23,	...	...	...	0.1	...	...	0.5	0.5	0.9	1.0	0.2	...	...	3.2
„ 24,	...	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.0
„ 25,	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	8.9
„ 26,	...	0.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.5
„ 27,	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.5
„ 28,	...	...	0.1	...	0.5	1.0	1.0	1.0	1.0	1.0	0.8	0.1	...	6.5
„ 29,	...	...	...	...	0.1	0.4	0.7	1.0	0.5	1.0	1.0	0.9	...	5.6
„ 30,	...	...	0.2	0.8	0.5	0.9	0.8	1.0	1.0	1.0	1.0	0.9	...	8.1
„ 31,	...	...	...	...	...	...	...	0.1	...	...	...	0.1	...	0.2
Sums,.....	...	1.8	6.5	8.7	9.0	11.0	12.2	12.9	13.7	13.8	12.2	7.1	...	98.9
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF MARCH, 1887.

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.
Mar. 1,	...	0·005	...	0·005	...	...	0·085	0·090	0·015	0·015	0·025	0·065	0·050	0·200	0·180	0·105	0·075	0·025	0·080	...	...	...	0·035	0·035	1·090
,, 2,	0·020	0·040	0·015	0·050	0·005	0·005	0·015	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	...	...	0·175
,, 3,	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
,, 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·015	...	0·020	0·010	...	...	0·010	...	0·055
,, 5,	0·010	0·005	0·015	0·025	0·070	0·040	...	...	...	...	...	...	...	...	...	0·005	0·005	...	0·005	...	0·005	0·005	0·005	...	0·195
,, 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 7,	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	0·005	0·005	0·005	...	0·025
,, 8,	...	0·005	...	0·005	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·015
,, 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 12,	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
,, 13,	...	...	...	0·005	0·005	0·005	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020
,, 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 16,	...	...	...	...	...	...	...	0·020	0·040	0·025	0·020	...	...	...	...	...	...	...	...	...	...	0·005	0·010	0·030	0·150
,, 17,	0·005	...	...	...	...	...	...	...	0·025	0·010	0·235	0·225	0·050	0·090	...	...	...	...	...	...	...	...	...	0·005	0·645
,, 18,	0·005	0·145	0·100	0·045	0·005	0·010	0·010	...	...	...	...	...	...	0·005	0·010	0·010	0·005	...	...	...	...	...	0·040	0·015	0·405
,, 19,	0·040	0·015	...	0·030	...	0·010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·095
,, 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 23,	...	...	0·010	0·035	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·050
,, 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 30,	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
,, 31,	...	...	...	...	...	0·010	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·015
Sums,	0·080	0·220	0·140	0·200	0·095	0·095	0·120	0·130	0·080	0·050	0·280	0·290	0·100	0·295	0·190	0·120	0·100	0·025	0·105	0·015	0·010	0·020	0·105	0·085	2·950

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF MARCH, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
Mar. 1	7	25	7	25	7	26	7	28	7	27	7	24	7	9	7	13	8	18	7	15	8	21	8	19	9	21	9	19	9	11	10	11	10	16	9	27	7	24	8	27	8	27	7	32	7	32	7	28	525	21.9
.. 2	7	33	7	26	8	26	8	20	9	19	9	14	10	16	10	12	10	13	10	13	9	22	10	20	9	19	9	19	9	13	10	15	9	18	8	22	8	19	8	18	7	21	7	20	7	20	7	20	458	19.1
.. 3	7	21	7	22	7	19	7	19	7	19	8	23	7	19	7	21	7	21	6	19	7	19	7	18	7	17	8	14	10	16	8	23	9	24	8	21	7	18	7	18	7	20	8	23	8	20	8	20	474	19.7
.. 4	8	19	8	21	8	21	7	19	8	24	7	27	7	23	7	24	7	26	7	25	7	22	9	21	10	23	10	22	9	25	8	30	8	26	8	27	8	27	7	21	7	20	7	20	7	25	7	25	563	23.5
.. 5	7	25	6	15	7	26	7	21	8	26	7	32	8	31	7	31	7	29	7	25	8	31	7	33	8	29	8	32	8	35	8	29	7	26	7	28	7	25	7	23	7	22	7	22	8	25	7	25	646	26.9
.. 6	7	22	7	25	7	26	8	23	8	21	8	19	9	15	9	14	9	15	9	16	9	17	9	15	9	11	8	15	8	18	8	14	7	14	7	9	7	14	8	20	8	16	9	19	9	21	9	24	423	17.6
.. 7	8	27	8	27	8	27	8	29	8	29	7	22	8	26	7	19	8	20	7	16	8	19	8	20	8	19	7	19	8	16	8	9	8	9	8	12	9	10	9	11	9	7	9	6	9	6	9	10	415	17.3
.. 8	9	7	9	11	9	10	9	10	9	7	9	7	...	1	2	3	2	2	6	2	13	5	25	7	27	13	28	8	30	6	25	5	27	3	32	7	31	4	24	6	24	5	...	1	6	2	16	4	136	5.7
.. 9	...	1	20	5	23	3	20	3	18	3	...	0	...	1	12	6	8	19	8	18	9	16	8	18	9	21	10	24	9	29	9	27	9	23	8	16	7	12	9	8	9	8	9	15	7	19	7	16	311	13.0
.. 10	8	20	8	23	8	19	7	23	7	21	7	23	7	27	7	32	7	27	7	31	7	31	8	29	8	30	7	31	7	27	7	29	7	28	7	29	7	34	7	34	7	32	7	29	7	30	7	30	669	27.9
.. 11	8	29	8	30	8	33	7	27	8	26	7	30	7	32	7	31	6	32	7	32	7	24	7	24	8	29	8	28	8	25	7	24	8	23	7	24	8	25	7	21	7	18	8	27	8	24	8	19	637	26.5
.. 12	9	19	8	24	9	24	8	24	8	22	8	15	8	15	8	17	8	17	8	15	8	8	8	3	29	6	29	8	25	10	28	7	28	3	29	5	29	2	...	1	...	0	...	0	...	1	...	1	247	10.3
.. 13	...	0	7	3	6	21	7	34	7	37	7	40	7	40	7	42	7	45	7	43	7	36	7	39	7	32	7	29	6	28	7	25	7	25	7	26	7	29	7	28	6	28	7	32	6	33	6	31	726	30.3
.. 14	7	33	6	23	7	32	7	28	7	29	6	28	7	29	7	26	7	29	7	29	7	26	7	23	7	24	7	30	7	29	7	27	7	27	7	25	7	27	6	25	7	30	7	28	7	29	6	32	678	28.2
.. 15	7	32	7	27	7	25	7	29	7	23	8	21	8	23	8	25	8	24	7	22	7	24	7	26	7	27	8	32	7	31	7	28	7	25	7	28	7	26	7	27	7	27	7	27	7	26	6	25	630	26.3
.. 16	7	30	7	32	6	29	7	29	7	25	7	26	7	26	7	24	8	24	9	22	8	31	8	30	7	24	6	24	7	22	7	25	7	29	7	26	7	23	7	23	7	20	7	25	7	27	7	28	624	26.0
.. 17	7	26	8	25	8	26	8	29	7	23	7	23	8	24	8	21	8	12	7	6	27	6	10	8	3	7	3	5	32	9	32	11	32	10	2	16	1	19	1	24	4	23	4	25	2	21	2	21	420	17.5
.. 18	1	22	32	13	32	4	2	10	1	19	1	22	1	19	1	4	2	6	1	10	2	12	2	11	2	10	2	10	2	9	2	8	2	9	2	9	2	4	2	5	2	2	2	7	5	9	5	5	239	10.0
.. 19	32	5	...	1	30	4	1	7	6	4	3	4	3	2	3	2	3	4	8	8	8	9	8	12	8	13	8	12	8	11	8	13	8	10	8	7	8	9	8	5	8	6	8	10	8	9	8	11	178	7.4
.. 20	8	9	8	9	8	9	8	9	8	11	8	11	8	11	8	9	8	7	8	6	8	9	8	9	8	11	8	11	5	10	6	11	7	13	7	12	7	10	7	9	7	14	9	15	9	14	6	11	250	10.4
.. 21	6	11	6	5	7	16	8	19	8	22	8	17	8	13	8	15	8	20	8	27	8	29	7	26	7	24	8	24	9	27	7	24	7	19	6	13	7	19	6	19	7	19	6	23	6	27	8	35	493	20.5
.. 22	7	34	7	36	8	33	7	32	7	30	6	24	7	23	6	24	7	22	7	31	7	29	7	32	7	29	8	25	9	23	10	23	8	23	7	18	7	13	7	14	7	13	5	14	6	16	7	20	581	24.2
.. 23	8	15	7	15	7	8	9	12	10	12	8	12	8	11	8	11	9	12	10	12	9	9	10	10	10	14	10	22	8	23	8	23	8	28	7	23	8	21	8	23	8	24	7	24	7	22	6	22	408	17.0
.. 24	7	26	7	26	7	20	7	16	6	9	8	12	8	13	8	16	10	13	10	17	10	15	9	20	9	24	10	22	9	25	8	23	7	22	7	18	8	16	8	19	8	17	8	17	7	9	7	19	434	18.1
.. 25	6	26	7	25	7	17	8	14	7	9	9	10	9	11	9	11	9	3	10	5	9	17	8	24	8	25	9	29	9	29	9	20	8	12	7	15	6	18	6	11	8	17	8	15	8	18	7	20	401	16.7
.. 26	7	22	9	22	9	22	9	21	10	17	10	14	8	10	9	12	10	12	10	12	8	16	8	14	8	13	8	18	8	19	8	17	8	17	8	17	8	12	8	11	8	12	10	12	9	10	12	6	358	14.9
.. 27	12	7	11	9	11	14	10	19	9	13	9	4	9	2	...	1	12	8	8	21	10	18	9	20	10	20	8	23	9	23	8	19	8	15	8	16	8	15	8	13	8	5	8	3	9	12	9	10	310	12.9
.. 28	12	4	11	8	10	5	10	7	9	13	9	14	9	15	9	18	9	15	9	21	8	14	8	16	8	18	8	18	8	18	8	23	8	19	8	18	8	18	9	13	9	11	6	9	7	11	8	13	339	14.1
.. 29	9	8	8	8	7	12	8	17	9	15	9	11	9	5	9	7	9	5	8	9	8	3	30	6	28	10	25	11	25	13	25	7	26	6	29	5	29	4	29	4	29	4	...	1	4	8	8	12	191	8.0
.. 30	8	15	8	15	8	11	7	9	7	9	8	12	8	13	8	10	8	5	8	3	3	5	25	10	24	9	24	11	24	9	23	9	23	7	28	8	29	7	29	6	29	8	29	6	29	2	29	4	203	8.5
.. 31	29	2	...	0	...	1	4	4	8	19	8	12	7	19	7	17	7	17	7	18	8	19	7	18	7	19	7	21	7	21	7	16	7	13	10	13	8	10	9	13	8	13	8	13	8	12	9	8	318	13.3
Sums	...	575	...	566	...	569	...	591	...	583	...	553	...	524	...	518	...	522	...	549	...	562	...	581	...	591	...	616	...	610	...	575	...	542	...	540	...	514	...	500	...	489	...	520	...	540	...	555	13285	553.7
Hourly Means	...	18.5	...	18.3	...	18.4	...	19.1	...	18.8	...	17.8	...	16.9	...	16.7	...	16.8	...	17.7	...	18.1	...	18.7	...	19.1	...	1.99	...	1.97	...	18.5	...	17.5	...	17.4	...	16.6	...	16.1	...	15.8	...	16.8	...	17.4	...	17.9	428.5	17.9

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR MARCH, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.3	17.3	0.3	0.0	+1.1	+17.3	E 4° N
2 „	1.0	17.2	0.5	0.1	0.5	17.1	E 2° N
3 „	0.8	17.6	0.4	0.1	0.4	17.5	E 1° N
4 „	0.6	18.4	0.4	0.1	0.2	18.3	E 1° N
5 „	0.8	17.9	0.4	0.0	0.4	17.9	E 1° N
6 „	1.4	16.8	0.2	0.0	1.2	16.8	E 4° N
7 „	0.6	16.1	0.2	0.0	0.5	16.1	E 2° N
8 „	0.5	16.2	0.3	0.0	0.3	16.2	E 1° N
9 „	0.7	16.2	0.6	0.0	+0.1	16.2	E
10 „	0.5	17.0	0.7	0.0	−0.1	17.0	E
11 „	0.6	17.4	0.5	0.1	+0.1	17.3	E
Noon.	0.5	17.6	0.4	0.6	0.0	17.0	E
1 p.	1.1	17.3	0.6	0.9	0.5	16.4	E 2° N
2 „	1.0	17.8	1.0	1.1	0.0	16.8	E
3 „	1.3	17.7	0.2	1.1	1.1	16.6	E 4° N
4 „	0.9	16.8	0.5	0.8	0.3	16.0	E 1° N
5 „	0.8	16.3	0.2	0.5	0.6	15.8	E 2° N
6 „	1.5	16.0	0.2	0.4	1.3	15.5	E 5° N
7 „	1.4	15.3	0.0	0.3	1.4	15.0	E 5° N
8 „	1.8	14.5	0.0	0.4	1.8	14.0	E 7° N
9 „	1.2	14.8	0.0	0.4	1.2	14.4	E 5° N
10 „	1.6	15.8	0.1	0.1	1.5	15.6	E 5° N
11 „	1.9	16.4	0.0	0.0	1.9	16.3	E 7° N
Midt.	2.2	16.5	0.3	0.1	+1.9	+16.4	E 7° N
Mean,.....	1.1	16.7	0.3	0.3	+0.8	+16.4	E 3° N

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Mar. 1,.....	...	...	4	E	5	4	E	5	3	E	5	3
„ 2,.....	...	...	4	ENE	4	3	E	4	3	NE	4	3
„ 3,.....	...	...	2	E	4	2	E	5	2	E	6	3
„ 4,.....	...	...	3	E	6	2	E	5	3	E	6	3
„ 5,.....	...	...	3	E	6	3	E	5	2	E	6	2
„ 6,.....	...	...	2	SSE	4	3	SSE	3	2	SSE	4	2
„ 7,.....	...	...	3	E	4	3	E	4	2	E	4	1
„ 8,.....	...	...	1	NW	4	0	NNW	4	0	N	5	1
„ 9,.....	...	...	1	E	6	2	E	6	2	E	5	2
„ 10,.....	...	...	3	E	7	3	E	6	3	E	4	3
„ 11,.....	...	...	3	E	6	3	E	5	3	SE	4	3
„ 12,.....	...	...	1	S	4	1	SW	4	1	E	6	1
„ 13,.....	...	...	4	E	7	4	E	6	3	E	6	3
„ 14,.....	...	...	3	E	5	3	E	5	3	E	5	3
„ 15,.....	...	...	3	E	6	3	E	5	3	E	4	3
„ 16,.....	...	...	3	E	6	3	E	5	3	E	6	3
„ 17,.....	...	...	3	E	5	1	NE	5	2	NE	5	1
„ 18,.....	...	...	4	ENE	4	4	NNE	3	3	NNE	4	3
„ 19,.....	...	...	2	ENE	4	2	ENE	3	2	ENE	4	2
„ 20,.....	...	...	1	NE	3	1	NE	3	1	ENE	5	2
„ 21,.....	...	...	3	E	6	3	E	6	3	E	6	1
„ 22,.....	...	...	4	E	6	2	E	4	2	E	5	3
„ 23,.....	...	...	3	E	5	1	E	5	2	E	6	3
„ 24,.....	...	...	3	E	5	2	E	4	2	E	4	2
„ 25,.....	...	...	3	E	4	2	E	3	1	E	5	2
„ 26,.....	...	...	3	E	3	1	E	2	1	E	3	1
„ 27,.....	...	...	1	E	5	1	E	4	1	E	3	1
„ 28,.....	...	...	1	SE	4	1	SE	3	1	SE	4	0
„ 29,.....	...	...	0	S	4	0	S	4	0	S	4	0
„ 30,.....	...	...	1	S	4	1	S	4	1	S	4	1
„ 31,.....	...	...	1	SE	4	2	ESE	5	1	ESE	5	2
Mean,.....	...	...	2.5	E 6° S	4.8	2.1	E 2° S	4.4	2.0	E	4.7	2.1

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
Mar. 1,.....	28.163	28.134	28.113	53.2	53.0	52.7	71.3	53.3	50.3	47.6
„ 2,.....	.224	.156	.174	54.7	55.0	54.0	120.4	55.9	51.5	51.4
„ 3,.....	.232	.199	.207	53.2	55.9	52.0	117.1	56.6	51.9	50.4
„ 4,.....	.205	.081	.111	53.2	54.2	53.8	104.2	56.8	51.9	52.4
„ 5,.....	.131	.055	.114	54.5	55.7	56.7	99.5	59.3	53.7	53.4
„ 6,.....	.179	.134	.179	59.8	61.0	61.0	117.1	63.1	55.5	53.3
„ 7,.....	.251	.163	.154	57.0	58.4	57.1	93.2	61.0	55.7	54.8
„ 8,.....	.246	.184	.172	56.0	56.8	54.8	90.9	59.3	52.7	51.1
„ 9,.....	.267	.200	.221	57.2	57.7	55.2	132.3	60.3	51.3	51.6
„ 10,.....	.238	.203	.192	54.2	56.0	52.7	102.0	57.3	52.3	49.4
„ 11,.....	.205	.164	.181	55.2	58.2	60.2	114.7	61.3	52.6	52.4
„ 12,.....	.194	.086	.098	62.4	68.0	64.2	127.0	69.1	58.3	56.4
„ 13,.....	.203	.159	.158	55.9	54.8	54.8	96.2	64.3	52.5	51.4
„ 14,.....	.191	.106	.140	53.8	54.8	53.8	104.2	59.1	51.7	49.0
„ 15,.....	.147	.074	.097	54.2	56.0	55.1	108.1	59.3	51.3	51.6
„ 16,.....	.190	.108	.110	56.2	55.8	54.7	84.7	57.6	53.7	54.0
„ 17,.....	.154	.098	.199	55.5	55.7	51.0	80.9	60.3	47.2	44.6
„ 18,.....	.266	.185	.219	50.7	49.0	48.0	96.2	56.3	47.9	45.4
„ 19,.....	.265	.157	.186	49.7	54.2	51.7	103.7	56.9	47.9	42.8
„ 20,.....	.234	.143	.184	54.7	59.7	53.7	117.1	60.9	50.5	46.6
„ 21,.....	.247	.154	.200	54.7	55.2	50.8	114.7	57.3	49.5	46.4
„ 22,.....	.246	.176	.212	53.0	56.7	52.0	113.8	58.3	50.2	48.4
„ 23,.....	.299	.235	.287	52.7	57.2	51.5	116.9	58.9	51.4	51.4
„ 24,.....	.321	.245	.264	59.0	55.2	52.8	127.0	59.1	49.5	49.4
„ 25,.....	.317	.231	.219	56.8	58.8	54.8	119.6	62.1	51.2	50.8
„ 26,.....	.294	.208	.238	58.0	62.0	58.5	121.1	64.3	51.3	50.3
„ 27,.....	.224	.150	.159	61.2	64.2	61.0	126.1	66.5	55.2	50.6
„ 28,.....	.173	.092	.109	63.2	66.7	63.8	124.8	68.3	60.1	59.4
„ 29,.....	.096	.016	.022	64.7	67.0	64.2	137.1	68.6	60.2	60.4
„ 30,.....	.091	.028	.046	66.3	70.7	69.5	134.2	72.3	60.7	62.2
„ 31,.....	.103	.063	.047	63.8	62.4	61.6	92.8	69.6	59.7	60.3
Mean,.....	28.213	28.142	28.162	56.6	58.3	56.1	110.0	61.1	52.9	51.6

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Mar. 1,.....	94	94	94	97	99	99	0.450	0.458	0.448	0.391	0.399	0.394
„ 2,.....	88	88	91	98	97	97	.466	.445	.424	.421	.420	.405
„ 3,.....	82	82	85	93	97	96	.404	.417	.410	.380	.437	.371
„ 4,.....	77	91	88	97	97	98	.410	.436	.449	.396	.406	.408
„ 5,.....	86	88	94	98	99	91	.444	.453	.491	.418	.440	.436
„ 6,.....	91	89	93	98	98	94	.539	.537	.543	.506	.529	.507
„ 7,.....	94	82	97	97	95	94	.460	.437	.472	.455	.467	.442
„ 8,.....	85	77	82	95	94	98	.438	.440	.427	.428	.435	.423
„ 9,.....	58	57	74	82	65	68	.351	.324	.392	.388	.308	.298
„ 10,.....	58	73	73	70	79	87	.313	.393	.376	.297	.356	.349
„ 11,.....	67	73	85	91	90	96	.379	.425	.497	.393	.437	.502
„ 12,.....	87	79	93	99	92	84	.570	.631	.617	.559	.637	.508
„ 13,.....	74	74	78	88	90	90	.382	.383	.403	.390	.387	.387
„ 14,.....	74	71	85	92	91	91	.392	.384	.438	.383	.395	.380
„ 15,.....	87	82	86	97	97	97	.460	.449	.460	.411	.439	.421
„ 16,.....	90	88	92	97	98	91	.466	.468	.472	.436	.438	.398
„ 17,.....	80	85	61	99	99	87	.471	.454	.320	.436	.440	.329
„ 18,.....	68	75	74	92	95	89	.325	.332	.337	.340	.331	.301
„ 19,.....	76	80	81	99	90	87	.366	.400	.389	.353	.383	.336
„ 20,.....	63	71	72	71	77	75	.364	.403	.380	.304	.393	.311
„ 21,.....	45	45	55	69	63	68	.253	.257	.277	.293	.279	.252
„ 22,.....	33	52	73	53	57	83	.188	.292	.381	.216	.267	.324
„ 23,.....	78	72	69	96	79	82	.416	.392	.344	.381	.368	.313
„ 24,.....	72	48	73	69	72	79	.395	.271	.380	.346	.313	.317
„ 25,.....	43	64	60	70	67	74	.273	.366	.321	.325	.332	.318
„ 26,.....	27	47	63	50	58	60	.182	.290	.354	.242	.325	.296
„ 27,.....	24	38	51	45	38	45	.173	.261	.320	.244	.233	.241
„ 28,.....	58	60	63	66	64	84	.382	.405	.420	.384	.421	.497
„ 29,.....	80	69	95	95	82	76	.585	.596	.606	.576	.546	.455
„ 30,.....	78	62	92	90	78	71	.621	.591	.613	.586	.592	.516
„ 31,.....	92	85	91	98	95	99	.595	.567	.575	.584	.539	.543
Mean, ...	72	72	80	86	84	85	0.404	0.418	0.430	0.396	0.409	0.386

TABLE XII.

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
1887.												
Mar. 1, ...	10	cum-nim.	E	10	nim.	E	10	nim.	E	10	nim.	ENE
„ 2, ...	10	nim.	...	10	nim.	...	10	nim.	NNE	10	cum. / cum-nim.	WSW / ENE
„ 3, ...	10	nim.	E	10	nim.	E	10	str. / cum-nim.	E	10	cum-nim.	E
„ 4, ...	10	cum.	E	10	nim.	E	10	str. / cum-nim.	E	10	cum. / cum.	WSW / E
„ 5, ...	10	nim.	E	10	nim.	ENE	9	cum. / cum-nim.	W / E	10	cum. / cum-nim.	WSW / E
„ 6, ...	10	R-cum.	E	10	R-cum.	E	10	cum-nim.	E	10	cum.	SSE
„ 7, ...	10	nim.	...	10	nim.	E	10	cum-nim.	E	10	nim.	ENE
„ 8, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	str. / cum.	NNW
„ 9, ...	1	sm-cum.	W	1	cum.	...	0	...	...	1	c-str.	W
„ 10, ...	10	R-cum.	SE	10	R-cum.	E	10	cum. / cum-nim.	SE	10	cum. / R-cum.	ESE
„ 11, ...	10	R-cum.	E	10	R-cum.	SE	10	sm-cum. / R-cum.	WSW / ESE	10	sm-cum. / R-cum.	WSW / E
„ 12, ...	10	R-cum.	ESE	10	R-cum.	SE	10	cum-nim.	..	10	cum.	SW
„ 13, ...	10	str.	...	10	nim.	...	10	cum. / nim.	WSW / E	10	cum-nim.	E
„ 14, ...	10	cum-nim.	ESE	10	cum-nim.	E	10	str. / cum-nim.	E	10	cum. / R-cum.	E
„ 15, ...	10	cum-nim.	...	10	cum-nim.	...	10	str.	ESE	10	R-cum.	E
„ 16, ...	10	nim.	E	10	cum-nim.	E	10	cum. / R-cum.	ESE	10	str. / nim.	S
„ 17, ...	10	nim.	E	10	nim.	E	10	cum. / R-cum.	W / ESE	10	nim.	N
„ 18, ...	10	nim.	...	1	cum.	...	10	cum. / nim.	W / ENE	10	str.	ENE
„ 19, ...	10	cum-nim.	...	10	cum-nim.	...	10	str.	E	10	cum. / cum.	W / E
„ 20, ...	10	cum.	WNW	1	cum.	WNW	0	...	...	0	...	...
„ 21, ...	1	str.	...	0	...	...	0	...	...	0	...	...
„ 22, ...	10	cum.	E	10	cum.	E	10	str-cum.	WNW	5	sm-cum.	W
„ 23, ...	10	cum.	...	10	cum-nim.	E	10	str. / cum-nim.	W /	10	str-cum.	W
„ 24, ...	10	str.	...	10	cum..	WSW	10	sm-cum.	W	0	...	...
„ 25, ...	10	cum.	...	10	cum.	W	10	str-cum.	W	2	sm-cum.	W
„ 26, ...	2	cum.	...	0	...	...	0	...	...	2	sm-cum.	W
„ 27, ...	0	...	...	0	...	...	7	c-cum.	W	4	sm-cum.	W
„ 28, ...	10	cum.	...	10	cum.	...	10	cum.	W	8	c-cum. / sm-cum.	W / WSW
„ 29, ...	5	cum.	SE	10	cum.	S	9	c-str. / cum. / cum.	.... / W / E	9	cum.	WSW
„ 30, ...	10	str.	...	1	str.	...	10	cum. / str-cum.	W	9	cum. / cum-str.	WNW / WNW
„ 31, ...	0	...	...	2	cum.	...	10	str.	E	10	cum-nim.	E
Mean,.....	8.4	...	...	7.6	...	...	8.5	...	...	7.7	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Mar. 1,.....	10	nim.	ENE	10	nim.	E	10	nim.	E	10	nim.	E	10.0
" 2,.....	10	nim.	ENE	10	str. / cum-nim.	ENE	10	nim.	E	10	nim.	E	10.0
" 3,.....	10	str. / cum-nim.	E	10	R-cum. / cum.	S / NE	10	cum.	ENE	10	cum.	E	10.0
" 4,.....	10	str. / cum.	ENE	10	str. / nim.	E	10	nim.	E	10	cum-nim.	E	10.0
" 5,.....	10	cum. / cum-nim.	W / NNE	10	str. / cum-nim.	SSE	10	nim.	E	10	nim.	E	9.9
" 6,.....	10	R-cum.	W	10	cum. / cum-nim.	W	10	R-cum.	WNW	10	str.	...	10.0
" 7,.....	10	str. / cum-nim.	ENE	10	str.	...	10	cum-nim.	ENE	10	nim.	...	10.0
" 8,.....	10	cum. / cum.	NNW	10	sm-cum. / cum.	NW	10	sm-cum.	WNW	7	sm-cum.	W	9.6
" 9,.....	10	sm-cum.	W	1	sm-cum.	...	0	...	...	2	cum.	SE	2.0
" 10,.....	10	cum. / cum-nim.	W / ESE	10	sm-cum. / cum.	W / ESE	10	R-cum.	E	10	R-cum.	E	10.0
" 11,.....	10	cum. / cum-nim.	W / ENE	10	str. / cum-nim.	E	10	cum. / cum.	W / ESE	10	str-cum.	ESE	10.0
" 12,.....	10	sm-cum. / cum.	W / SW	1	sm-cum. / cum.	WSW	0	...	...	10	str-cum.	WSW	7.6
" 13,.....	10	R-cum.	SSE	10	str. / R-cum.	SSE	10	cum.	ESE	10	cum.	E	10.0
" 14,.....	10	str. / cum-nim.	E	10	cum. / cum.	E	10	cum. / cum.	W / ESE	10	cum.	E	10.0
" 15,.....	10	R-cum.	E	10	cum. / cum-nim.	ESE	10	cum-nim.	E	10	cum-nim.	E	10.0
" 16,.....	10	str. / cum-nim.	E	10	cum. / nim.	E	10	sm-cum. / cum.	WNW / SE	10	nim.	...	10.0
" 17,.....	10	nim.	E	10	str. / cum-nim.	NE	10	R-cum.	NE	10	str.	...	10.0
" 18,.....	10	str. / cum-nim.	ENE	10	str. / nim.	E	10	str-cum.	...	10	str-cum.	...	8.9
" 19,.....	10	cum. / cum.	W /	10	str-cum. / cum.	W / W	10	cum.	W	9	cum.	WNW	9.9
" 20,.....	0	...	...	0	...	...	0	...	...	1	cum.	ESE	1.5
" 21,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.1
" 22,.....	0	...	...	4	sm-cum.	W	9	sm-cum.	WSW	10	str-cum.	...	7.3
" 23,.....	10	sm-cum. / str-cum.	W	7	sm-cum. / cum.	WSW / WNW	10	sm-cum.	W	10	str.	...	9.6
" 24,.....	1	c-str.	W	3	c-cum. / sm-cum.	W	6	c-cum. / sm-cum.	W	2	cum.	WNW	5.2
" 25,.....	0	...	...	0	...	...	0	...	...	0	...	...	4.0
" 26,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.5
" 27,.....	0	...	...	4	sm-cum.	W	8	sm-cum.	W	4	cum.	...	3.4
" 28,.....	3	sm-cum. / cum.	WSW / SW	4	sm-cum.	WSW	1	sm-cum.	WSW	8	cum.	S	6.7
" 29,.....	6	sm-cum. / cum.	W / SW	1	cum. / cum.	W / SW	0	...	...	0	...	...	5.0
" 30,.....	7	cum.	NNW	0	...	...	0	...	...	0	...	...	4.6
" 31,.....	10	str. / cum-nim.	E	9	cum. / R-cum.	SSE / ESE	10	R-cum.	ESE	10	R-cum.	ESE	7.6
Mean,.....	7.3	...	...	6.6	...	...	6.9	...	...	7.2	...	...	7.5

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Mar. 1,.....	1.045	19	0.98	1.39
„ 2, ...	0.010	8	...	...
„ 3,.....	...	1	...	...
„ 4,.....	0.220	15	0.25	0.37
„ 5,.....	0.030	6	...	...
„ 6,.....	0.005	6	...	...
„ 7,.....	0.035	8	0.03	0.16
„ 8,.....	...	...	...	...
„ 9,.....	...	...	...	...
„ 10,.....	...	...	...	...
„ 11,.....	0.005	2	...	0.08
„ 12,.....	0.020	3	...	...
„ 13,.....	...	...	...	...
„ 14,.....	...	...	...	...
„ 15,.....	0.085	3	0.03	0.40
„ 16,.....	0.105	12	...	1.23
„ 17,.....	0.925	10	0.83	0.16
„ 18,.....	0.180	8	0·20	0.21
„ 19,.....	...	...	...	...
„ 20,.....	...	...	...	..
„ 21,.....	...	...	...	...
„ 22,.....	0.050	1	0·07	...
„ 23,.....	...	...	...	...
„ 24,.....	...	...	...	...
„ 25,.....	...	...	...	...
„ 26,.....	...	...	...	...
„ 27,.....	...	...	...	...
„ 28,.....	...	...	...	...
„ 29,.....	0.005	...	...	...
„ 30,.....	0.015	2	...	...
„ 31,.....	...	...	...	...
Total,.....	2.735	104	2.39	4.00

W. Doberck,
Government Astronomer.

Hongkong Observatory, 18th April, 1887.

HONGKONG OBSERVATORY.

Weather Report for April, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and the Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock. It contains also information concerning the first appearance and progress of typhoons.

Fog was noted on the early mornings of the 6th, 7th, 9th, 18th and 19th, during the night between the 15th and 16th, and on the evening of the 28th.

It was hazy on the 13th and 14th, and during the mornings only of the 15th, 16th and 17th.

Dew fell on the 6th, 7th, 8th, 15th, 16th, 17th, 19th and 26th.

Lightning was seen on the evening of the 11th, and on the 12th between 5 a. and 9 a., a thunder-storm passed from SW to NE. It was nearest at 5^h 20^m a. (7s.) and at 7^h 5^m a. (4s.). Thunder was heard during the afternoon of the same day. Lightning was observed on the evenings of the 14th, 15th and 29th, and thunder heard on the evenings of the 17th and 21st.

A solar halo was observed on the 29th, and lunar halos on the 2nd and 6th.

Unusual visibility was noted on the 2nd.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	965	74	13.0
NE	710	52	13.7
E	5,993	392	15.3
SE	258	25	10.3
S	312	36	8.7
SW	360	22	16.4
W	215	29	7.4
NW	173	36	4.8
Calm	27	54	0.5

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF APRIL, 1887.

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, ...	29.822	29.814	29.816	29.802	29.807	29.830	29.858	29.887	29.899	29.876	29.841	29.838	29.812	29.780	29.766	29.756	29.755	29.774	29.782	29.795	29.812	29.831	29.842	29.847	29.818
„ 2, ...	.850	.859	.851	.860	.877	.912	.940	.963	.978	.972	.954	.947	.919	.902	.894	.909	.924	.949	.987	30.018	30.045	30.070	30.071	30.074	.947
„ 3. ...	30.077	30.069	30.055	30.073	30.068	30.090	30.109	30.136	30.154	30.158	30.153	30.126	30.086	30.055	30.025	30.012	30.018	30.034	30.059	.079	.094	.103	.099	.086	30.084
„ 4, ...	.076	.065	.062	.049	.059	.083	.107	.121	.124	.128	.127	.112	.084	.046	.015	.001	.000	.005	.024	.049	.076	.092	.090	.077	.070
„ 5. .	.067	.052	.044	.036	.037	.045	.062	.077	.084	.082	.076	.056	.030	29.996	29.968	29.956	29.967	29.975	29.993	.024	.039	.046	.044	.021	.032
„ 6. ...	.010	.000	29.986	29.984	29.993	.004	.019	.028	.034	.025	.000	29.973	29.943	.918	.899	.885	.890	.917	.932	29.946	29.966	29.975	29.971	29.957	29.969
„ 7, ...	29.939	29.924	.901	.891	.893	29.902	29.919	29.945	29.961	29.972	29.968	.948	.929	.899	.892	.876	.873	.887	.902	.921	.940	.949	.945	.937	.921
„ 8. ...	.928	.915	.902	.896	.904	.914	.935	.945	.944	.939	.928	.912	.885	.868	.860	.843	.840	.834	.839	.851	.869	.887	.893	.886	.892
„ 9, ...	.881	.869	.862	.854	.860	.869	.879	.903	.922	.914	.900	.876	.847	.817	.802	.795	.799	.800	.805	.819	.836	.853	.855	.850	.853
„ 10, ...	.827	.808	.789	.781	.784	.809	.827	.839	.838	.845	.845	.823	.800	.770	.748	.738	†.743	.747	.760	.764	.780	.784	.776	.772	.792
„ 11. ...	.758	.741	.736	.730	.735	.747	.770	.795	.805	.808	.810	.799	.782	.764	.752	.745	.747	.770	.795	.802	.819	.846	.853	.855	.782
„ 12. ...	.869	.849	.831	.824	.848	.883	.883	.939	.959	.948	.924	.919	.925	.897	.863	.860	.866	.869	.874	.906	.896	.906	.894	.880	.888
„ 13. ...	.870	.854	.831	.830	.838	.864	.875	.884	.895	.892	.893	.871	.857	.831	.810	.815	.811	.811	.806	.816	.829	.836	.843	.824	.845
„ 14. ...	.805	.790	.777	.780	.790	.804	.831	.842	.875	.870	.868	.865	.847	.817	.784	.777	.764	.776	.790	.813	.827	.838	.840	.823	.816
„ 15. ...	.794	.781	.777	.774	792	.797	.814	.838	.843	.835	.821	.811	.776	.755	.742	.727	.725	.747	.756	.761	.787	.788	.772	.760	.782
„ 16. ...	.759	.755	.743	.743	.761	.771	.788	.813	.828	.824	.819	.795	.777	.753	.741	.728	.722	.731	.748	.761	.776	.781	.782	.775	.770
„ 17. ...	.759	.750	.727	.719	.721	.733	.757	.762	.778	.788	.763	.737	.714	.692	.684	.678	.676	.690	.698	.704	.717	.722	.720	.719	.725
„ 18. ...	.703	.686	.669	.663	.668	.670	.678	.697	.704	.701	.697	.685	.665	.646	.629	.623	.616	.627	.638	.658	.669	.676	.678	.677	.668
„ 19. ...	.660	.650	.637	.624	.637	.650	.662	.695	.699	.699	.689	.696	.668	.662	.655	.668	.615	.666	.680	.700	.710	.715	.721	.724	.674
„ 20. ...	.715	.704	.696	.688	.690	.706	.726	.741	.753	.769	.761	.743	.725	.698	.698	.684	.683	.685	.705	.719	.743	.759	.755	.743	.720
„ 21, ...	.729	.717	.711	.707	.719	.733	.745	.765	.779	.783	.778	.764	.744	.707	.702	.675	.680	.683	.691	.709	.725	.745	.743	.726	.727
„ 22. ...	.716	.695	.675	.667	.683	.695	.718	.739	.759	.749	.748	.740	.722	.690	.690	.689	.688	.711	.736	.764	.793	.812	.815	.811	.729
„ 23. ...	.812	.795	.823	.846	.876	.898	.918	.956	.986	.989	30.003	.997	.993	.994	.977	.971	.969	.993	30.013	30.034	30.065	30.085	30.083	30.083	.965
„ 24. ...	30.087	30.071	30.062	30.055	30.060	30.083	30.091	30.106	30.125	30.138	.136	30.131	30.107	30.088	30.061	30.051	30.049	30.059	.075	.100	.120	.135	.123	.103	30.092
„ 25. ...	.090	.069	.055	.055	.053	.073	.089	.105	.112	.116	.107	.092	.081	.045	.023	.013	.013	.014	.026	.034	.044	.035	.032	.017	.058
„ 26. ...	29.999	29.983	29.964	29.964	29.967	29.981	29.998	.014	.027	.026	.019	.000	29.972	29.938	29.919	29.908	29.907	29.906	29.916	29.935	29.942	29.952	29.950	29.940	29.964
„ 27. ...	.933	.921	.907	.902	.902	.911	.930	29.947	29.959	29.957	29.942	29.915	.889	.863	.843	.828	.822	.823	.826	.833	.845	.862	.864	.858	.887
„ 28, ...	.838	.820	.809	.802	.792	.797	.808	.810	.815	.805	.808	.794	.772	.749	.720	.703	.705	.706	.730	.750	.765	.788	.788	.781	.777
„ 29, ...	.772	.757	.756	.762	.765	.784	.800	.827	.833	.835	.821	.811	.788	.773	.755	.741	.746	.767	.782	.821	.834	.850	.852	.851	.795
„ 30, ..	.856	.850	.846	.847	.881	.913	.933	.945	.950	.949	.948	.925	.919	.906	.899	.888	.889	.901	.915	.925	.933	.928	.929	.915	.908
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	29.867	29.854	29.843	29.840	29.849	29.865	29.882	29.902	29.914	29.913	29.905	29.890	29.869	29.844	29.827	29.818	29.817	29.829	29.843	29.860	29.877	29.888	29.887	29.879	29.865

† Approximate.

TABLE II.

TEMPERATURE FOR THE MONTH OF APRIL, 1887.

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	65.6	65.4	65.2	64.9	64.6	64.5	65.9	66.8	68.2	70.4	70.0	68.5	69.5	69.9	69.6	69.7	69.2	67.6	67.3	67.0	66.6	66.6	66.6	66.6	67.3	70.4	64.4
" 2	67.0	67.0	66.8	66.9	67.7	67.4	68.8	69.8	71.4	72.7	73.4	71.5	74.3	74.6	73.7	72.9	71.5	67.6	65.6	64.3	60.8	60.2	58.1	57.6	68.1	74.6	57.5
" 3	57.5	56.5	57.8	57.7	57.2	57.3	56.9	58.4	60.0	62.0	64.5	65.0	67.0	69.2	69.1	63.9	62.7	61.6	61.5	60.7	60.6	59.9	58.6	59.6	61.0	69.6	56.5
" 4	59.7	59.8	59.4	57.8	57.5	57.5	59.6	60.6	62.5	63.8	64.4	64.0	63.8	63.1	62.9	63.5	63.2	62.7	62.8	62.1	61.9	61.8	62.0	61.2	61.6	64.4	56.9
" 5	62.2	59.8	59.2	59.1	59.1	58.0	61.0	62.8	64.9	65.4	66.7	67.2	66.5	68.0	67.1	67.6	66.4	64.7	63.6	63.6	63.2	63.2	64.1	63.0	63.6	68.0	58.0
" 6	62.1	63.1	62.7	62.2	62.3	62.5	63.7	66.3	67.8	69.6	70.9	71.5	73.8	72.4	73.6	73.2	71.9	69.2	67.6	67.7	67.0	65.5	65.0	65.2	67.4	73.8	62.1
" 7	64.8	64.5	64.6	63.8	64.0	64.0	65.2	69.8	72.8	71.4	72.0	71.9	72.0	72.3	72.2	71.8	70.6	68.2	67.3	66.9	67.0	67.4	66.6	66.6	68.2	72.8	63.8
" 8	65.8	66.5	65.6	66.1	65.4	64.5	65.5	66.8	70.4	71.6	72.4	74.6	76.3	72.1	73.3	74.7	75.1	71.1	68.4	67.2	67.0	67.4	67.3	67.1	69.3	76.3	64.5
" 9	66.6	66.3	66.4	66.8	67.2	67.4	68.8	69.3	70.6	71.7	72.0	71.9	71.9	71.9	70.9	70.6	69.9	69.3	69.4	69.8	69.4	69.7	69.3	69.7	69.5	72.0	66.1
" 10	69.3	70.0	70.3	70.0	69.9	71.0	73.0	73.1	74.1	75.7	75.8	76.4	75.8	75.8	78.0	76.4	75.0	74.0	73.7	73.6	74.6	74.8	74.8	74.4	73.7	78.0	69.3
" 11	75.1	75.2	74.1	74.4	74.9	75.4	75.0	76.2	76.6	77.6	79.8	80.5	79.3	79.7	78.7	78.7	77.6	76.6	73.7	73.6	75.6	74.9	73.4	72.8	76.2	80.5	72.0
" 12	71.1	70.9	70.4	70.0	68.7	66.5	67.5	66.7	66.9	66.6	67.2	67.2	67.7	67.8	67.4	67.2	67.2	67.0	67.8	68.2	68.1	68.7	69.1	68.8	68.1	72.9	66.5
" 13	67.7	66.6	65.8	65.8	65.8	65.6	66.0	66.0	67.5	67.8	68.7	68.6	68.1	68.1	68.2	67.2	67.1	67.0	66.9	67.1	67.7	67.9	67.9	68.1	67.2	69.4	65.6
" 14	68.4	68.5	68.1	68.9	68.9	69.0	69.4	69.4	69.7	70.9	72.5	73.7	72.6	73.8	74.2	73.9	73.2	73.9	74.5	72.5	71.7	72.4	72.0	71.6	71.6	76.6	68.0
" 15	72.0	72.2	72.5	72.0	70.8	72.0	72.3	73.2	74.1	76.8	77.5	78.4	80.9	79.9	79.4	78.2	75.9	73.1	72.8	72.7	72.4	72.5	72.3	71.6	74.4	80.9	70.6
" 16	70.6	70.7	71.0	71.5	71.8	71.8	72.8	73.7	75.7	76.8	78.7	79.6	82.2	80.3	79.1	79.4	75.9	75.2	74.8	74.4	73.7	72.7	71.3	71.0	74.8	82.2	70.2
" 17	71.6	71.6	71.6	70.9	70.7	70.9	72.0	72.8	74.2	77.0	76.4	76.5	76.2	77.7	77.8	78.2	76.7	74.6	74.2	73.1	73.0	72.8	72.6	72.3	74.0	78.2	70.0
" 18	72.6	72.1	71.9	72.2	72.0	71.4	72.3	74.3	75.2	75.7	76.0	78.8	76.1	77.9	80.7	78.2	74.2	73.6	73.4	73.0	73.2	73.0	73.0	72.2	74.3	80.8	71.3
" 19	72.8	72.0	72.1	72.5	71.9	72.8	73.5	73.7	75.8	75.2	75.9	74.1	75.6	73.6	73.3	73.1	72.7	72.7	72.7	72.8	72.7	72.0	71.9	71.9	73.2	75.9	71.9
" 20	71.8	72.1	71.3	71.8	71.4	71.8	71.8	72.7	74.1	73.6	75.5	76.0	74.3	74.8	75.0	73.6	72.6	72.2	72.2	71.4	72.3	72.3	71.5	71.6	72.8	76.0	71.1
" 21	70.8	70.9	70.6	70.2	70.3	70.3	71.0	71.6	71.7	72.4	72.3	71.9	71.5	71.6	71.7	71.0	70.9	71.0	71.3	71.3	71.4	71.7	71.4	70.9	71.2	72.4	70.2
" 22	70.8	70.8	70.8	70.7	70.7	70.4	70.2	70.6	70.7	71.7	71.6	71.2	71.1	70.9	70.6	69.5	68.8	67.9	67.4	67.2	67.2	67.0	66.3	66.1	69.6	71.7	66.1
" 23	65.1	64.4	64.7	60.7	60.3	60.1	59.5	59.8	59.5	60.4	61.9	61.6	62.3	61.3	60.4	59.7	59.7	59.8	60.0	60.4	59.6	59.2	59.4	58.0	60.7	66.5	58.0
" 24	57.9	58.9	56.7	58.0	56.7	57.6	58.0	59.5	60.8	59.7	59.1	59.7	59.6	60.1	59.7	58.7	59.7	59.1	58.8	58.7	60.4	58.2	59.1	60.7	59.0	61.1	56.7
" 25	61.8	61.8	60.6	60.3	60.3	60.2	59.7	60.3	61.7	63.3	65.3	65.1	64.9	66.5	66.6	66.0	64.5	63.9	63.9	63.5	63.8	63.4	63.5	64.5	63.1	66.9	59.7
" 26	64.1	64.2	63.7	63.9	63.2	64.1	63.8	65.3	65.9	68.6	69.2	71.3	71.9	72.0	70.5	69.7	68.7	67.5	66.3	65.7	65.8	65.9	65.5	66.5	66.8	72.0	63.1
" 27	66.8	66.9	67.8	67.5	67.4	67.1	68.3	69.3	70.6	71.4	71.4	72.6	72.4	72.2	71.8	71.5	70.3	68.9	68.1	68.4	68.8	68.9	68.8	68.4	69.4	73.7	66.5
" 28	68.7	68.8	68.9	69.0	68.9	69.0	69.4	70.1	70.9	72.8	71.2	72.7	72.9	73.5	73.5	72.8	71.9	70.5	69.7	69.1	68.7	69.3	69.5	69.2	70.5	74.8	68.3
" 29	68.6	69.0	68.6	69.5	68.7	68.9	70.1	71.0	73.7	74.9	77.5	77.9	79.1	78.2	78.3	78.3	75.5	73.8	72.5	71.8	72.0	72.2	73.2	72.6	73.2	79.6	68.4
" 30	71.8	70.9	71.6	71.0	71.6	70.4	69.9	70.3	70.6	72.6	72.9	72.7	72.6	72.7	71.7	71.7	70.7	70.0	69.9	69.7	69.8	69.4	69.6	69.7	71.0	72.8	69.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	67.4	67.3	67.0	66.9	66.7	66.6	67.4	68.3	69.6	70.7	71.4	71.9	72.1	72.1	72.0	71.4	70.4	69.1	68.6	68.3	68.2	68.0	67.8	67.6	69.0	73.5	65.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF APRIL, 1887.

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.	Sun.	Rad.
April 1	64.0	63.9	63.8	63.6	63.4	63.3	64.2	64.5	65.2	66.1	65.7	64.8	65.2	66.0	65.9	66.1	66.1	65.2	65.0	65.2	64.7	65.1	65.0	64.6	64.9	130.8	63.1
„ 2	65.1	65.1	64.2	64.3	65.6	63.3	62.1	60.2	60.8	60.6	60.7	61.7	61.2	61.5	60.6	59.3	58.8	56.9	56.3	56.3	53.4	50.3	48.9	49.2	59.4	134.1	58.6
„ 3	48.1	47.8	46.4	47.2	46.0	46.4	46.8	47.1	47.9	48.9	50.7	50.4	52.5	53.2	53.0	53.1	52.1	52.0	51.8	52.7	53.4	54.3	54.5	55.5	50.5	130.2	54.0
„ 4	55.9	55.0	55.1	53.9	53.7	53.7	54.9	55.0	55.2	56.6	57.2	56.4	55.9	54.5	55.0	55.1	54.2	53.6	54.9	54.9	55.8	56.2	56.6	56.3	55.2	126.2	56.5
„ 5	56.7	55.2	54.0	53.7	52.5	52.4	53.9	54.1	54.1	53.1	54.2	53.9	54.8	55.2	55.0	56.1	56.4	56.0	56.0	57.0	57.2	57.5	57.4	58.3	55.2	127.3	54.5
„ 6	58.4	59.0	59.3	59.0	59.3	59.9	60.9	62.1	62.4	62.3	61.8	63.3	63.9	62.9	62.6	62.2	60.8	62.0	62.0	61.1	62.2	61.1	61.5	61.5	61.3	129.9	54.5
„ 7	61.7	61.5	61.2	61.1	61.4	61.3	62.2	62.3	61.7	63.0	62.8	61.1	63.4	63.6	63.9	62.7	62.8	62.7	62.3	62.9	63.4	64.3	64.1	64.2	62.6	127.1	57.3
„ 8	63.8	63.8	63.7	63.6	63.4	63.0	63.6	64.5	65.9	66.7	67.1	67.6	68.2	66.7	68.2	68.7	69.0	67.6	66.2	65.7	65.7	65.9	66.0	65.7	65.8	134.9	61.9
„ 9	65.7	65.5	65.4	65.4	65.9	66.0	67.2	67.1	67.4	68.2	68.3	68.0	68.2	68.3	68.2	67.7	67.7	67.4	67.7	68.0	68.0	68.2	68.2	68.6	67.3	133.9	62.0
„ 10	68.3	68.8	69.0	69.0	69.0	69.7	70.0	70.4	70.7	71.1	71.3	71.4	71.3	71.4	71.8	71.1	71.2	71.1	71.2	71.3	71.4	71.6	71.5	71.6	70.6	124.4	69.4
„ 11	71.6	*71.6	*71.1	*71.2	*71.3	*71.3	71.3	72.3	72.7	73.3	74.3	74.2	73.9	74.3	74.0	73.9	73.6	73.4	72.3	72.1	73.0	73.0	72.0	68.0	72.5	141.7	71.8
„ 12	65.6	66.6	66.1	66.5	66.2	64.7	65.2	65.4	65.1	64.6	65.5	65.4	65.8	65.7	65.9	66.1	66.4	65.9	66.3	66.6	66.1	66.8	67.2	67.0	65.9	85.0	66.2
„ 13	66.5	65.7	66.0	66.0	66.0	64.9	65.3	65.2	65.1	64.4	65.5	65.5	65.6	65.4	65.6	65.2	65.2	65.2	65.2	65.4	66.0	66.3	66.8	66.9	65.6	101.8	65.0
„ 14	67.2	67.3	67.3	67.8	68.0	68.2	68.4	68.4	69.1	69.6	70.8	71.4	71.3	72.2	72.2	72.5	71.9	71.3	71.5	70.9	71.0	71.6	71.5	71.3	70.1	114.1	66.8
„ 15	71.5	71.7	71.7	71.1	70.1	71.2	71.2	72.3	72.6	73.6	73.4	74.1	75.4	74.3	73.8	73.6	72.6	71.4	71.8	71.2	71.0	71.5	71.5	70.9	72.2	145.0	70.2
„ 16	70.4	70.3	70.5	70.5	70.7	70.4	71.1	71.4	72.8	73.4	74.4	74.5	75.3	74.5	73.3	74.4	72.6	72.3	72.2	72.1	71.1	70.4	69.8	69.9	72.0	145.9	68.7
„ 17	70.7	70.6	70.2	69.8	69.7	69.9	70.6	71.0	71.3	72.5	72.5	72.1	72.5	72.6	71.4	72.0	71.6	70.9	70.9	70.6	70.7	70.5	70.1	70.0	71.0	136.3	69.3
„ 18	70.5	70.4	70.0	70.6	70.0	69.5	70.3	71.4	70.9	70.5	72.0	69.5	72.0	72.4	72.5	71.4	71.6	71.2	71.5	71.1	71.6	70.6	71.3	70.2	71.0	130.1	68.9
„ 19	70.8	70.3	70.7	70.8	70.4	70.9	70.9	71.2	72.0	71.9	72.5	72.1	72.8	71.8	70.6	71.5	71.3	71.5	71.4	71.5	71.5	71.1	71.1	71.2	71.3	137.4	69.0
„ 20	70.8	71.4	70.3	71.0	70.6	70.5	70.9	71.4	71.7	71.3	72.0	72.2	71.4	71.4	71.6	70.9	70.6	70.5	70.6	70.9	71.2	71.0	70.4	70.2	71.0	141.7	69.1
„ 21	69.8	69.8	69.5	69.0	69.1	68.4	68.5	68.8	69.4	69.5	69.9	69.5	69.6	70.2	70.0	69.6	69.6	69.6	69.8	70.0	70.1	70.2	70.0	69.6	69.6	97.5	69.2
„ 22	69.5	69.2	69.3	69.1	69.0	68.7	68.7	69.0	69.2	69.4	69.1	69.2	69.2	69.1	68.4	67.6	67.1	66.7	66.3	66.0	65.8	65.7	65.1	64.3	67.9	109.7	69.4
„ 23	63.4	63.1	61.1	59.2	57.9	57.0	56.8	57.1	57.3	57.4	58.6	58.5	59.4	57.9	56.7	56.7	56.3	57.1	57.1	57.1	57.3	56.8	56.8	57.0	58.1	80.9	56.2
„ 24	57.1	56.2	54.9	55.8	55.0	55.5	55.6	56.3	57.2	56.7	56.6	57.2	56.3	56.7	56.7	56.9	56.2	56.5	56.6	57.0	56.8	56.7	57.5	58.6	56.5	82.7	54.9
„ 25	58.9	58.8	57.8	57.2	57.6	57.6	57.2	58.0	58.3	58.5	60.3	59.9	60.0	60.7	61.3	61.3	60.7	60.6	60.5	60.4	60.5	60.3	60.4	60.4	59.5	129.8	56.9
„ 26	60.9	60.6	60.3	60.3	58.7	59.3	58.7	60.1	61.2	62.5	62.8	64.2	64.5	63.2	63.6	64.4	63.6	63.1	62.2	62.6	62.7	63.0	63.2	63.8	62.1	132.6	59.7
„ 27	64.2	64.6	64.9	65.1	65.3	65.2	66.0	66.4	66.5	67.3	67.2	67.5	67.8	67.9	67.5	67.3	67.0	66.8	66.7	66.9	67.6	67.8	67.8	67.2	66.6	132.0	61.7
„ 28	67.0	67.3	67.9	68.0	67.6	68.0	68.2	68.7	69.3	70.4	70.0	71.7	71.4	71.6	71.8	70.6	70.5	69.4	69.1	69.2	68.6	69.3	69.1	69.2	69.3	134.3	67.0
„ 29	68.7	68.6	68.5	68.4	68.0	68.2	68.8	69.3	70.3	70.5	71.8	71.9	72.4	72.4	72.3	72.7	71.6	71.0	70.5	70.1	69.8	69.7	70.3	70.0	70.2	140.5	68.7
„ 30	70.3	69.9	69.2	68.6	66.9	66.0	64.8	64.4	65.3	64.6	65.8	66.4	67.2	67.1	66.5	65.3	64.7	64.3	64.0	64.4	64.6	64.8	65.2	65.7	66.1	130.0	65.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	65.1	65.0	64.6	64.6	64.3	64.1	64.5	64.8	65.3	65.6	66.2	66.2	66.6	66.5	66.3	66.2	65.8	65.4	65.3	65.4	65.4	65.4	65.4	65.2	65.4	124.9	63.5

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF APRIL, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	87	0.602	April. 1,.....	87	0.584
2 „	87	.600	„ 2,.....	57	.392
3 „	86	.590	„ 3,.....	42	.230
4 „	87	.591	„ 4,.....	63	.353
5 „	86	.584	„ 5,.....	55	.326
6 „	86	.578	„ 6,.....	69	.462
7 „	83	.582	„ 7,.....	72	.495
8 „	81	.580	„ 8,.....	82	.590
9 „	77	.580	„ 9,.....	89	.641
10 „	75	.576	„ 10,.....	86	.709
11 „	74	.588	„ 11,.....	83	.750
Noon.	71	.581	„ 12,.....	89	.609
1 p	73	.592	„ 13,.....	92	.611
2 „	72	.589	„ 14,.....	93	.717
3 „	71	.583	„ 15,.....	89	.762
4 „	74	.588	„ 16,.....	87	.749
5 „	79	.586	„ 17,.....	86	.720
6 „	80	.590	„ 18,.....	85	.716
7 „	82	.593	„ 19,.....	90	.742
8 „	84	.601	„ 20,.....	91	.736
9 „	85	.602	„ 21,.....	93	.704
10 „	86	.605	„ 22,.....	91	.661
11 „	86	.607	„ 23,.....	85	.451
Midt.	86	.603	„ 24,.....	85	.425
			„ 25,.....	80	.463
			„ 26,.....	75	.497
			„ 27,.....	86	.617
			„ 28,.....	94	.701
			„ 29,.....	86	.700
			„ 30,.....	76	.578
			.....	...	...
Mean, ...	81	0.590	Mean,.....	81	0.590

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.
1887.														
Apr. 1,	...	...	...	0.5	1.0	0.2	0.3	0.8	0.4	0.9	1.0	0.7	...	5.8
„ 2,	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.2
„ 3,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.5
„ 4,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.8
„ 5,	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.9
„ 6,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.3
„ 7,	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.1
„ 8,	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	...	8.7
„ 9,	...	...	...	...	0.6	0.9	0.7	0.4	0.2	0.2	0.4	...	...	3.4
„ 10,	...	...	...	...	0.1	...	...	...	0.5	1.0	...	...	...	1.6
„ 11,	...	...	...	...	...	0.3	0.8	0.9	0.7	0.7	0.2	...	...	3.6
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	0.2	...	0.3	0.2	...	0.7
„ 15,	...	...	0.1	0.1	0.9	0.5	0.9	1.0	1.0	1.0	1.0	0.4	...	6.9
„ 16,	...	0.3	0.2	0.6	0.5	0.3	0.7	1.0	0.7	1.0	1.0	0.2	...	6.5
„ 17,	...	0.7	1.0	0.5	0.8	1.0	0.7	0.7	1.0	1.0	0.7	0.4	...	8.5
„ 18,	...	0.5	1.0	0.8	0.7	0.4	...	...	0.2	0.3	...	...	...	3.9
„ 19,	...	...	...	0.3	0.3	0.1	...	0.3	...	...	...	...	...	1.0
„ 20,	...	...	...	0.1	...	0.6	0.3	...	0.7	0.7	...	...	...	2.4
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	0.1	...	0.2	...	...	...	...	0.3
„ 26,	...	...	...	0.2	...	...	...	0.5	0.6	0.2	...	0.1	...	1.6
„ 27,	0.1	0.6	...	...	0.2	0.2	...	...	...	0.1	0.1	...	...	1.3
„ 28,	...	...	...	...	...	...	...	...	...	1.0	1.0	0.3	...	2.3
„ 29,	...	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	9.0
„ 30,	...	...	...	...	0.1	0.1	0.2	...	0.2	...	...	...	...	0.6
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	0.1	5.6	8.9	11.1	13.2	12.7	12.7	13.6	14.6	16.1	13.4	8.8	0.2	131.0
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF APRIL, 1887.

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.
Apr. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	0·010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010
„ 12,	...	...	0·025	...	0·875	0·465	0·210	0·375	0·200	0·110	0·060	0·080	0·090	0·010	0·140	0·150	0·220	0·190	0·005	...	...	...	...	...	3·205
„ 13,	0·005	0·010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·015
„ 14,	...	...	...	...	...	0·005	0·030	...	...	...	...	...	0·010	...	...	...	...	...	...	...	...	...	...	...	0·045
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·230	0·230
„ 21,	0·010	0·045	0·055	0·020	...	...	...	0·020	...	...	...	...	...	0·010	0·025	0·065	0·015	0·085	0·030	...	0·005	0·005	...	...	0·390
„ 22,	...	...	...	...	...	0·005	0·030	...	...	...	...	...	...	...	...	...	...	...	0·005	0·005	0·010	0·005	0·005	...	0·065
„ 23,	0·010	0·005	0·055	0·165	0·190	0·015	...	0·130	0·145	0·045	0·050	0·020	...	...	...	...	...	...	...	...	0·145	0·020	0·010	0·120	1·125
„ 24,	0·035	0·055	0·035	0·010	...	...	...	...	0·010	0·010	...	0·010	...	...	0·010	...	0·005	0·075	0·050	0·010	0·005	0·010	0·025	0·005	0·360
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	0·010	0·020	0·035
„ 28,	0·005	...	...	...	...	...	...	...	...	...	0·010	0·015	0·005	...	...	...	...	...	...	...	...	...	0·005	...	0·040
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	0·050	0·040	0·010	0·005	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·110
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0·065	0·115	0·170	0·205	1·120	0·535	0·280	0·530	0·360	0·165	0·120	0·125	0·105	0·020	0·175	0·215	0·240	0·350	0·090	0·015	0·165	0·045	0·055	0·375	5·640

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF APRIL, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
Apr. 1	9	10	10	8	9	13	8	15	8	13	8	13	9	7	10	9	10	18	8	22	7	27	8	23	7	20	8	19	7	19	8	18	8	17	7	11	7	5	7	7	...	1	...	1	...	1	8	3	300	12.5
,, 2	...	1	...	1	8	6	25	8	26	11	32	14	32	15	1	18	31	10	31	15	32	17	1	22	32	18	32	20	32	19	1	22	1	20	1	19	2	15	4	13	3	9	3	19	2	25	2	21	358	14.9
,, 3	1	14	1	19	1	28	2	31	1	39	2	36	2	29	2	31	1	27	1	27	32	19	32	14	32	15	1	11	5	11	9	18	9	16	8	14	8	12	8	9	7	11	7	9	7	11	6	12	463	19.3
,, 4	5	15	5	16	4	13	6	15	7	9	6	9	5	11	6	12	7	13	9	18	10	19	10	19	10	22	9	30	9	28	7	24	7	21	8	20	7	14	6	15	7	15	7	14	6	14	7	14	400	16.7
,, 5	5	14	7	12	8	14	7	19	7	13	7	9	5	9	6	14	10	20	8	26	7	21	8	23	9	19	10	20	10	20	10	17	9	16	9	12	8	11	9	8	9	6	9	5	9	5	...	1	334	13.9
,, 6	...	0	9	3	9	2	...	1	...	0	...	1	...	0	...	1	9	2	8	8	26	8	24	12	24	11	24	12	24	11	24	9	25	4	26	3	29	6	29	3	29	2	29	4	29	5	...	1	109	4.5
,, 7	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	7	2	10	17	8	20	9	25	9	18	9	18	9	14	10	15	10	15	9	15	9	12	9	11	9	13	10	12	8	16	9	13	236	9.8
,, 8	9	14	10	14	10	14	10	14	9	11	9	15	8	14	7	6	7	5	7	9	9	11	32	3	25	8	8	10	7	5	12	6	15	3	16	3	30	8	30	8	30	4	...	1	...	0	...	1	187	7.8
,, 9	...	0	...	0	...	1	3	3	...	1	3	3	4	7	7	10	7	6	7	14	7	15	8	21	8	26	8	25	8	23	7	18	7	18	8	17	8	10	8	14	9	14	9	13	9	11	8	9	279	11.6
,, 10	7	14	7	11	7	12	7	14	7	12	7	5	16	3	17	4	17	5	17	4	16	4	16	9	16	9	16	9	15	11	16	12	16	8	15	6	17	6	17	6	16	11	16	12	16	8	17	12	207	8.6
,, 11	18	20	18	21	20	15	19	18	19	16	18	14	20	20	20	20	20	26	20	22	19	22	19	24	18	26	19	27	20	24	18	23	18	16	20	14	27	9	23	5	20	4	25	4	25	7	32	20	417	17.4
,, 12	1	22	4	11	9	16	5	15	4	13	5	21	6	18	10	12	7	17	6	21	7	19	7	19	9	6	9	10	8	12	8	15	10	10	8	16	9	16	7	15	7	19	7	15	6	17	6	17	372	15.5
,, 13	7	14	7	22	7	22	7	21	7	21	7	21	8	19	8	23	9	26	8	28	8	21	7	22	8	23	8	25	7	24	7	21	7	20	8	23	8	25	8	21	7	20	7	21	8	17	7	18	518	21.6
,, 14	7	15	7	15	7	15	7	13	7	14	8	16	8	15	7	15	8	12	6	9	6	5	29	2	29	5	29	3	29	3	20	9	18	10	19	10	18	8	25	6	26	4	27	5	26	3	26	2	214	8.9
,, 15	27	3	...	1	...	0	29	5	30	6	30	4	30	7	29	5	29	7	28	8	25	10	24	13	22	10	23	12	17	11	19	9	17	7	23	2	32	5	32	5	31	2	31	5	31	2	31	4	143	6.0
,, 16	31	4	24	2	27	3	...	0	...	1	...	1	...	0	27	2	27	4	27	5	26	9	24	11	25	11	25	10	18	8	16	9	15	15	15	10	15	6	15	6	15	8	15	5	8	3	8	8	141	5.9
,, 17	9	5	6	2	...	1	...	0	...	1	9	3	8	9	8	10	8	10	8	9	8	11	7	10	8	6	8	7	15	6	12	3	10	4	11	5	14	7	13	5	...	1	11	4	7	5	...	0	124	5.2
,, 18	7	3	...	0	...	1	...	0	7	2	7	2	...	1	7	4	7	8	8	10	8	7	7	5	8	12	8	6	14	7	11	3	32	5	31	4	32	4	28	2	...	0	...	1	...	0	28	2	89	3.7
,, 19	...	1	...	0	...	0	...	1	...	0	...	1	2	4	3	6	6	8	6	7	9	13	8	14	8	16	8	18	8	13	8	4	8	15	9	12	9	11	8	6	8	5	8	7	8	6	9	2	170	7.1
,, 20	...	1	7	4	12	2	9	6	7	10	7	8	8	12	8	14	7	15	7	11	7	15	7	17	8	14	7	19	8	19	8	18	8	19	7	14	8	9	8	8	10	10	9	11	7	16	7	15	287	12.0
,, 21	7	17	6	16	8	17	7	20	8	17	7	17	7	20	7	19	7	17	7	19	7	18	7	19	7	22	7	20	7	17	8	25	7	20	7	18	7	17	7	17	7	19	7	18	7	18	7	21	448	18.7
,, 22	7	22	7	23	7	19	7	20	8	21	7	19	8	23	7	19	8	24	8	28	7	25	7	24	7	24	7	26	7	26	7	26	7	31	7	30	7	32	7	33	7	33	7	33	7	35	7	37	633	26.4
,, 23	7	37	7	36	3	20	2	7	32	9	1	13	2	11	2	7	2	9	2	12	2	8	32	9	1	6	1	10	1	19	1	17	32	19	32	15	32	14	32	17	1	13	1	16	1	12	1	6	342	14.2
,, 24	4	11	5	21	6	23	5	19	6	17	4	16	4	18	4	14	5	14	5	8	2	13	1	17	1	19	1	15	1	9	1	2	1	6	1	7	1	3	1	4	1	8	1	3	1	2	3	11	280	11.7
,, 25	4	14	6	17	7	18	7	14	7	12	6	6	6	5	6	2	6	3	6	4	6	6	6	6	6	4	7	9	9	11	9	8	9	10	9	11	9	10	10	11	10	10	9	11	9	10	9	7	219	9.1
,, 26	8	8	8	12	8	15	8	13	8	15	8	12	7	12	7	10	7	14	7	11	8	5	8	4	28	4	28	3	7	7	8	12	8	13	8	16	8	13	8	12	8	7	8	3	8	7	8	11	239	10.0
,, 27	8	10	8	9	8	10	8	8	8	6	8	8	8	10	8	13	8	14	7	17	8	18	8	15	9	17	9	19	9	20	8	22	9	22	8	21	9	23	8	18	8	15	8	14	7	14	7	16	359	15.0
,, 28	7	15	7	11	8	3	8	8	8	12	8	11	8	11	7	13	8	12	8	11	26	7	23	4	23	2	22	3	17	4	11	8	9	9	8	21	9	18	9	18	8	18	8	9	9	9	10	11	248	10.3
,, 29	8	11	7	12	7	14	6	11	8	14	7	10	7	6	9	7	11	11	10	11	9	5	9	3	28	8	26	10	26	7	26	6	29	4	29	5	...	0	29	2	7	9	9	10	11	11	11	12	199	8.3
,, 30	10	11	9	15	7	21	8	25	7	21	7	26	7	28	7	31	7	31	7	33	7	32	7	32	7	27	7	27	7	28	7	37	8	42	8	37	8	31	7	33	7	33	6	36	6	31	6	30	698	29.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	326	...	334	...	338	...	344	...	337	...	334	...	344	...	351	...	390	...	444	...	430	...	441	...	428	...	453	...	436	...	436	...	435	...	411	...	360	...	338	...	324	...	321	...	321	...	337	9013	375.7
Hourly Means,	...	10.9	...	11.1	...	11.3	...	11.5	...	11.2	...	11.1	...	11.5	...	11.7	...	13.0	...	14.8	...	14.3	...	14.7	...	14.3	...	15.1	...	14.5	...	14.5	...	14.5	...	13.7	...	12.0	...	11.3	...	10.8	...	10.7	...	10.7	...	11.2	300.4	12.5

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR APRIL, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.7	8.1	0.7	0.3	+2.0	+ 7.8	E 14° N
2 „	2.2	8.9	0.9	0.3	1.3	8.6	E 9° N
3 „	2.0	9.1	0.6	0.4	1.5	8.7	E 10° N
4 „	2.4	9.0	0.6	0.8	1.8	8.2	E 12° N
5 „	2.4	8.2	0.4	0.8	2.0	7.5	E 15° N
6 „	3.1	8.3	0.4	0.2	2.7	8.1	E 18° N
7 „	3.3	8.4	0.6	0.5	2.7	7.9	E 19° N
8 „	2.6	8.8	0.8	0.6	1.8	8.1	E 13° N
9 „	2.2	9.7	1.5	0.9	0.7	8.8	E 5° N
10 „	2.7	11.4	1.0	0.8	1.7	10.6	E 9° N
11 „	2.2	10.5	0.9	1.5	1.3	9.0	E 8° N
Noon.	2.3	9.9	1.1	1.9	1.2	8.0	E 9° N
1 p.	2.4	9.1	1.4	2.1	1.0	7.0	E 8° N
2 „	2.1	10.2	1.2	2.3	+0.9	7.9	E 7° N
3 „	2.0	9.8	2.3	1.3	−0.3	8.5	E 2° S
4 „	1.4	10.2	2.6	1.2	−1.2	9.1	E 7° S
5 „	1.8	10.5	2.2	0.5	−0.4	9.9	E 2° S
6 „	1.7	10.4	1.3	0.8	+0.4	9.6	E 2° N
7 „	1.9	9.2	0.8	0.5	1.0	8.7	E 7° N
8 „	1.7	8.8	0.6	0.6	1.1	8.2	E 8° N
9 „	1.2	8.7	1.0	0.3	0.2	8.4	E 1° N
10 „	1.9	8.3	0.8	0.3	1.1	8.0	E 8° N
11 „	2.1	8.4	0.5	0.4	1.6	8.0	E 11° N
Midt.	2.6	8.6	0.8	0.1	+1.8	+ 8.5	E 12° N
Mean,.....	2.2	9.3	1.0	0.8	+1.2	+ 8.5	E 8° N

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Apr. 1,.....	...	...	1	ESE	3	1	SE	2	1	SE	2	0
„ 2,.....	...	...	2	NE	5	3	NE	5	3	NE	6	3
„ 3,.....	...	...	3	NE	6	2	ENE	4	1	ENE	5	2
„ 4,.....	...	...	4	E	5	3	E	5	2	E	6	2
„ 5,.....	...	...	3	E	6	3	E	4	2	E	4	2
„ 6,.....	...	...	1	SW	3	1	NNW	3	1	W	3	0
„ 7,.....	...	...	1	NE	4	1	E	3	1	E	4	1
„ 8,.....	...	...	1	SE	4	1	SE	3	1	SE	4	1
„ 9,.....	...	...	1	S	4	0	SE	4	1	SE	5	1
„ 10,.....	...	...	1	S	4	0	S	5	1	S	5	2
„ 11,.....	...	...	2	S	6	1	S	6	2	S	6	2
„ 12,.....	...	...	2	E	5	2	E	4	0	SE	4	3
„ 13,.....	...	...	2	SE	6	2	S	6	0	S	6	2
„ 14,.....	...	...	1	SW	6	0	SW	6	0	SW	6	1
„ 15,.....	...	...	1	SW	6	0	SW	5	2	SW	4	0
„ 16,.....	...	...	0	S	6	1	S	4	0	S	4	0
„ 17,.....	...	...	1	S	4	0	S	5	0	S	4	0
„ 18,.....	...	...	0	S	4	0	S	4	0	S	4	0
„ 19,.....	...	...	1	S	4	0	S	4	1	SSE	4	0
„ 20,.....	...	...	0	S	5	2	SE	5	2	SE	5	2
„ 21,.....	...	...	2	E	6	2	SE	5	3	SE	4	3
„ 22,.....	...	...	2	E	4	2	E	5	4	ESE	5	4
„ 23,.....	...	...	4	E	5	3	NE	4	3	N	5	2
„ 24,.....	...	...	4	NE	4	3	NE	3	2	N	4	2
„ 25,.....	...	...	2	E	3	2	E	3	2	E	4	2
„ 26,.....	...	...	2	E	4	2	E	4	2	E	4	2
„ 27,.....	...	...	1	E	5	2	E	3	2	E	4	2
„ 28,.....	...	...	1	SSE	5	1	SSE	4	1	SE	4	2
„ 29,.....	...	...	1	E	5	1	ENE	3	1	E	5	1
„ 30,.....	...	...	2	E	6	4	E	7	4	E	6	4
.....	...	...	..	...	...	...	...	...	...	...	...	...
Mean,.....	...	...	1.6	E 35° S	4.8	1.5	E 38° S	4.3	1.5	E 37° S	4.5	1.6

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
April. 1,.....	28.128	28.048	28.084	64.8	67.4	65.3	132.1	68.6	58.5	55.3
" 2,.....	.201	.162	.236	64.4	67.0	57.7	123.3	67.3	57.6	47.4
" 3,.....	.330	.254	.305	56.5	61.4	53.8	118.4	63.5	50.5	46.4
" 4,.....	.328	.239	.267	57.4	58.0	53.4	121.1	59.7	50.3	46.3
" 5,.....	.287	.212	.238	57.7	62.4	62.0	121.5	63.5	51.3	49.3
" 6,.....	.270	.175	.166	63.4	67.0	64.4	123.3	69.3	56.5	56.6
" 7,.....	.226	.145	.145	67.5	69.2	65.2	128.1	70.3	60.5	61.0
" 8,.....	.187	.132	.144	68.8	67.9	64.2	131.9	71.1	63.1	61.3
" 9,.....	.165	.085	.082	66.8	67.8	64.6	129.9	69.5	61.2	61.0
" 10,.....	.117	.024	.045	6.8	67.4	66.6	121.5	69.9	62.2	62.6
" 11,.....	.070	.029	.070	69.4	69.7	68.6	92.1	71.3	63.5	65.4
" 12,.....	.187	.137	.146	62.7	63.9	62.6	82.8	70.3	61.1	60.4
" 13,.....	.127	.088	.134	65.8	66.8	67.0	112.5	69.5	62.5	61.2
" 14,.....	.143	.074	.155	68.2	68.7	68.7	101.9	69.3	66.1	67.4
" 15,.....	.116	.033	.053	69.2	69.2	69.6	128.8	71.3	65.7	66.4
" 16,.....	.106	.036	.017	69.5	71.0	69.6	134.0	71.6	66.5	65.0
" 17,.....	.077	27.985	.001	69.2	71.4	69.4	136.5	72.5	66.5	64.8
" 18,.....	27.990	.939	27.926	69.5	70.8	69.4	†130.0	72.3	67.2	†66.2
" 19,.....	.980	.966	.977	69.7	69.6	69.0	109.0	72.1	68.1	64.6
" 20,.....	28.031	.981	28.003	69.0	68.8	66.2	112.5	70.5	65.5	65.8
" 21,.....	.049	.975	27.969	66.7	67.2	66.4	87.1	67.9	65.2	65.2
" 22,.....	.016	.967	.963	67.0	66.0	65.6	99.5	67.9	64.2	63.4
" 23,.....	.164	28.170	28.165	60.8	59.0	56.0	92.0	65.6	55.3	55.4
" 24,.....	.266	.226	.248	55.0	55.0	54.0	81.3	59.3	53.3	50.4
" 25,.....	.297	.239	.172	55.2	59.2	56.7	124.8	61.9	54.0	52.4
" 26,.....	.235	.142	.186	58.2	62.7	59.4	123.9	66.3	56.7	54.4
" 27,.....	.192	.112	.096	61.6	65.7	66.0	123.7	66.5	59.4	61.6
" 28,.....	.087	.005	.001	67.2	69.7	63.5	128.8	71.5	61.0	62.3
" 29,.....	.102	.053	.100	69.0	74.4	65.8	137.1	76.5	65.8	61.3
" 30,.....	.182	.118	.134	65.0	65.0	62.0	130.0	67.3	61.3	59.8
.....	...	...	...	...	...	...	...	...	...	...
Mean,.....	28.155	28.092	28.108	64.7	66.3	63.7	117.3	68.5	60.7	59.4

† Approximate.

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
April. 1,.....	79	82	92	90	84	86	0.585	0.595	0.601	0.554	0.572	0.536
" 2,.....	46	41	44	66	62	34	.369	.325	.235	.398	.408	.158
" 3,.....	32	44	68	48	50	42	.174	.262	.349	.221	.268	.173
" 4,.....	62	55	69	76	68	73	.365	.324	.379	.357	.328	.299
" 5,.....	39	44	68	56	59	52	.242	.300	.400	.267	.331	.293
" 6,.....	64	51	76	76	68	61	.466	.414	.481	.440	.451	.375
" 7,.....	60	58	84	65	51	48	.465	.450	.563	.441	.363	.297
" 8,.....	76	72	92	85	87	93	.591	.623	.619	.595	.600	.562
" 9,.....	83	85	92	93	84	95	.643	.641	.671	.613	.570	.577
" 10,.....	79	76	85	97	97	97	.701	.691	.733	.614	.651	.640
" 11,.....	81	79	90	96	97	99	.764	.773	.787	.691	.709	.693
" 12,.....	89	95	90	97	94	99	.584	.628	.633	.555	.566	.563
" 13,.....	82	89	92	99	100	97	.561	.596	.626	.630	.659	.649
" 14,.....	94	84	96	100	99	99	.707	.754	.765	.691	.696	.696
" 15,.....	85	80	95	97	100	95	.787	.768	.760	.693	.715	.688
" 16,.....	84	78	89	98	94	99	.779	.785	.714	.711	.714	.718
" 17,.....	79	73	89	92	87	81	.739	.703	.716	.657	.666	.585
" 18,.....	76	70	88	85	84	78	.678	.679	.717	.618	.637	.557
" 19,.....	85	93	95	94	91	83	.739	.752	.751	.683	.659	.590
" 20, ...	89	87	94	99	97	88	.737	.722	.743	.703	.687	.570
" 21,.....	85	93	93	98	97	97	.683	.706	.720	.646	.653	.635
" 22,.....	89	90	93	97	99	99	.689	.651	.617	.649	.634	.625
" 23,.....	82	82	85	88	91	97	.434	.422	.431	.467	.457	.436
" 24,.....	82	89	91	99	97	97	.422	.442	.442	.429	.423	.408
" 25,.....	73	75	83	97	93	94	.428	.481	.483	.421	.469	.430
" 26,.....	70	71	84	96	94	100	.486	.535	.538	.466	.536	.508
" 27,.....	80	79	95	99	95	97	.615	.614	.667	.543	.604	.519
" 28,.....	88	89	100	100	99	99	.712	.720	.717	.668	.720	.645
" 29,.....	79	76	88	96	87	90	.688	.730	.694	.685	.745	.575
" 30,.....	63	69	77	85	83	88	.504	.540	.553	.526	.513	.488
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	75	75	86	89	86	85	0.578	0.588	0.603	0.555	0.567	0.516

TABLE XII.

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
1887.												
April 1, ...	10	R-cum.	...	10	R-cum.	E	10	R-cum.	ENE	4	cum.	WNW
„ 2, ...	10	cum.	...	10	cum.	...	7	sm-cum. / str-cum.	WNW / NNE	1	c-str.	W
„ 3, ...	0	...	...	0	...	...	1	sm-cum.	WNW	3	c-str. / cum.	WNW / WNW
„ 4, ...	4	cum.	ENE	2	cum.	ENE	1	cum.	ENE	1	c-str.	...
„ 5, ...	0	...	...	0	...	...	3	c-str.	WSW	1	c.	WSW
„ 6, ...	7	sm-cum.	SE	0	...	...	1	c-str.	WSW	1	c-str.	WSW
„ 7, ...	8	c-cum.	WSW	7	c-cum.	W	0	...	...	2	c-str.	WSW
„ 8, ...	3	sm-cum.	ESE	4	R-cum.	ESE	9	R-cum.	ESE	1	R-cum.	SW
„ 9, ...	0	...	...	8	cum.	...	9	cum. / cum.	SSW /	8	R-cum.	S
„ 10, ...	10	cum.	S	9	cum.	S	10	cum-nim.	SSW	10	R-cum.	SSW
„ 11, ...	10	R-cum.	SSW	10	R-cum.	SSW	10	R-cum.	SSW	10	R-cum.	SW
„ 12, ...	10	R-cum.	NE	10	nim.	...	10	nim.	ENE	10	cum. / nim.	WSW / E
„ 13, ...	10	nim.	...	10	nim.	...	10	cum-nim.	E	10	cum. / R-cum.	WSW / SE
„ 14, ...	10	sm-cum. / cum-nim.	SSE	10	nim.	SSE	10	nim.	SSE	10	R-cum.	S
„ 15, ...	10	cum-nim.	WSW	10	str.	WSW	10	str.	WSW	3	sm-cum. / cum.	WNW / W
„ 16, ...	0	...	...	10	cum.	SW	7	cum. / R-cum.	S / SW	10	cum.	SW
„ 17, ...	4	cum.	SSW	3	cum.	SSW	2	c-str. / cum.	W / SSW	7	cum.	SSW
„ 18, ...	10	cum.	SSW	2	cum.	SW	1	cum.	...	4	cum.	W
„ 19, ...	10	cum.	SW	10	cum.	...	10	str-cum.	S	8	cum. / cum.	WSW / SSE
„ 20, ...	6	cum.	SE	10	cum.	ESE	10	str-cum. / cum.	WSW /	10	R-cum.	E
„ 21, ...	10	nim.	..	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E
„ 22, ...	10	cum-nim.	...	10	nim.	E	10	cum-nim.	E	10	str. / cum.	W / E
„ 23, ...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	ENE
„ 24, ...	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	ENE	10	nim.	ENE
„ 25, ...	10	cum-nim.	ENE	10	cum-nim.	ENE	10	str-cum.	ENE	10	str. / cum.	WSW / ENE
„ 26, ...	10	cum.	ENE	10	str-cum.	ENE	10	str. / cum.	WSW / ENE	10	str-cum.	WSW
„ 27, ...	4	cum.	ENE	0	...	...	10	cum. / cum.	SSW / ENE	9	sm-cum. / cum.	S
„ 28, ...	10	nim.	...	10	nim.	SE	10	str-cum.	SSE	10	cum-nim.	S
„ 29, ...	10	cum-nim.	E	10	cum.	E	10	cum-nim.	E	6	c-str. / c-cum. / cum.	W / ... / E
„ 30, ...	10	cum.	E	10	nim.	...	10	nim.	E	10	str. / cum.	WSW / SE
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	7.5	...	...	7.5	...	...	7.7	...	...	7.0	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
April 1,.....	8	sm-cum. / cum.	W / W	1	cum.	NW	8	sm-cum.	WNW	10	cum.	W	7.6
„ 2,.....	6	c-str.	WSW	8	c-str. / cum.	SW / W	2	c-str.	W	1	c-str.	WNW	5.6
„ 3,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.5
„ 4,.....	0	...	...	0	...	...	0	...	...	0	...	...	1.0
„ 5,.....	1	c-str.	WSW	1	c-str.	WSW	0	...	...	0	...	...	0.7
„ 6,.....	3	c-str.	WSW	2	c-str.	WSW	7	c-str.	WSW	9	c-str.	W	3.8
„ 7,.....	2	c-str.	WSW	1	c-str.	WSW	0	...	...	0	...	...	2.5
„ 8,.....	1	cum.	SW	9	sm-cum. / cum.	WSW / NW	0	...	...	0	...	...	3.4
„ 9,.....	9	R-cum.	S	10	R-cum.	S	10	R-cum.	S	10	R-cum.	S	8.0
„ 10,.....	10	R-cum.	SSW	10	R-cum.	SSW	10	R-cum.	SSW	10	R-cum.	SSW	9.9
„ 11,.....	10	cum. / cum.	SW	10	cum. / cum-nim.	SSW / SW	10	cum.	SSW	10	cum.	SSW	10.0
„ 12,.....	10	nim.	E	10	nim.	...	10	nim.	NW	10	cum-nim.	...	10.0
„ 13,.....	10	str. / cum-nim.	WSW / SE	10	cum-nim.	S	10	cum-nim.	S	9	cum.	S	9.9
„ 14,.....	10	nim.	SW	10	cum. / cum-nim.	SW	10	sm-cum. / R-cum.	SW	10	cum.	SW	10.0
„ 15,.....	3	str-cum.	WSW	6	cum. / cum.	NW / W	10	c-str. / cum.	WNW / W	1	c-str.	...	6.6
„ 16,.....	9	cum. / R-cum.	SW / SSW	5	cum.	SSW	10	cum.	SSW	0	...	...	6.4
„ 17,.....	9	R-cum.	SSW	10	sm-cum. / cum.	WSW / SSW	3	cum.	SSW	9	cum.	W	5.9
„ 18,.....	10	cum. / cum.	W / SW	10	str-cum.	W	10	nim.	W	4	cum.	W	6.4
„ 19,.....	10	cum. / cum.	W / SSE	10	str-cum. / cum.	W / SW	10	str. / cum.	WSW	0	...	...	8.5
„ 20,.....	10	str. / R-cum.	E	10	sm-cum. / cum.	WSW / E	10	cum-nim.	E	10	nim.	...	9.5
„ 21,.....	10	nim.	E	10	nim.	E	10	nim.	ESE	10	nim.	...	10.0
„ 22,.....	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	10.0
„ 23,.....	10	nim.	ENE	10	str. / R-cum.	NE	10	R-cum.	ENE	10	nim.	...	10.0
„ 24,.....	10	nim.	ENE	10	nim.	ENE	10	nim.	ENE	10	nim.	...	10.0
„ 25,.....	10	str. / R-cum.	ENE	10	str-cum.	N	10	cum.	NE	0	...	...	8.7
„ 26,.....	10	cum.	WSW	10	cum. / cum.	W / N	6	sm-cum.	WSW	0	...	...	8.3
„ 27,.....	10	str-cum.	S	10	R-cum.	S	10	cum-nim.	SSE	10	nim.	...	7.9
„ 28,.....	10	nim.	...	2	c-cum. / cum.	WNW	10	str. / cum-nim.	ESE	10	nim.	...	9.0
„ 29,.....	6	c-str. / cum.	WNW / E	1	c-cum. / cum.	E	2	c-str.	...	8	sm-cum.	WSW	6.6
„ 30,.....	10	cum. / cum.	W / ESE	10	cum. / cum.	WSW / ESE	10	str-cum. / cum.	W / SE	10	cum. / cum.	ESE	10.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	7.6	...	...	7.2	...	...	7.3	...	...	6.0	...	...	7.2

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
April. 1,.....	...	...	...	...
" 2, ...	...	...	...	...
" 3,.....	...	...	...	...
" 4,.....	...	...	...	...
" 5,.....	...	...	...	...
" 6,.....	...	...	...	...
" 7,.....	...	...	...	...
" 8,.....	0.005	...	...	...
" 9,.....	...	...	...	...
" 10,.....	0.010	1	0.01	...
" 11,.....	2.240	7	2.60	2.04
" 12,.....	0.980	11	1.27	0.50
" 13,.....	0.035	3	0.03	0.19
" 14,.....	0.010	1	...	...
" 15,.....	...	...	...	...
" 16,.....	...	...	...	...
" 17,.....	0.005	...	0.03	...
" 18,.....	...	...	...	...
" 19,.....	...	...	...	...
" 20,.....	0.380	6	0.15	...
" 21,.....	0.275	16	0.30	0.56
" 22,.....	0.775	20	0.68	1.00
" 23,.....	0.535	14	0.41	0.52
" 24,.....	0.205	13	0.17	0.37
" 25,.....	...	...	...	...
" 26,.....	...	...	...	...
" 27,.....	0.040	6	...	0.19
" 28,.....	0.035	3	...	...
" 29,.....	0.110	5	0.15	0.16
" 30,.....	...	2	...	...
.....	...	...	...	...
Total,.....	5.640	108	5.80	5.53

W. Doberck,
Government Astronomer.

Hongkong Observatory, 21st May, 1887.

HONGKONG OBSERVATORY.

Weather Report for May, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock. It contains also information concerning the first appearance and progress of typhoons.

Fog was noted on the mornings of the 2nd and 6th, and it was hazy on the mornings of the 7th, 10th and 17th.

Dew fell on the 4th, 6th, 9th, 10th, 16th, 17th, 26th and 27th.

Lightning was observed on the evenings of the 2nd, 10th and 27th, and during the night between the 28th to 29th and 29th to 30th. Thunder was heard on the morning of the 30th and between $2^h\ 0^m$ and $3^h\ 15^m$ p. on that day a thunderstorm passed from SW to NE. It was nearest (10s.) from $2^h\ 20^m$ to $2^h\ 55^m$ p.

Solar halos were seen on the 14th and 27th.

Lunar halos were noted on the 6th and 28th.

A lunar corona was observed on the 10th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	170	32	5.3
NE	558	47	11.9
E	8897	493	18.0
SE	244	29	8.4
S	274	30	9.1
SW	571	46	12.4
W	210	23	9.1
NW	97	19	5.1
Calm	11	25	0.4

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MAY, 1887.

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. ...	29.901	29.891	29.880	29.871	29.888	29.882	29.897	29.904	29.908	29.897	29.881	29.863	29.843	29.815	29.796	29.791	29.788	29.791	29.791	29.817	29.829	29.831	29.823	29.808	29.849
„ 2. ...	.790	.770	.754	.755	.756	.771	.788	.800	.799	.799	.789	.757	.754	.730	.723	.701	.699	.691	.711	.733	.756	.758	.758	.728	.753
„ 3. ...	.722	.714	.711	.715	.722	.734	.774	.805	.824	.827	.812	.814	.794	.781	.771	.754	.762	.785	.795	.811	.835	.856	.860	.849	.784
„ 4. ...	.829	.823	.800	.804	.829	.843	.862	.879	.899	.908	.895	.892	.870	.844	.823	.795	.796	.803	.816	.851	.864	.882	.883	.868	.848
„ 5. .	.856	.849	.834	.839	.837	.848	.856	.855	.850	.856	.862	.849	.822	.798	.780	.768	.763	.772	.786	.797	.813	.821	.827	.804	.823
„ 6. ...	.798	.771	.761	.765	.766	.775	.786	.798	.798	.797	.787	.781	.757	.742	.717	.700	.701	.715	.735	.751	.758	.773	.772	.765	.761
„ 7. ...	.757	.751	.757	.745	.754	.767	.777	.781	.800	.817	.812	.800	.783	.766	.759	.750	.759	.776	.789	.809	.823	.823	.838	.847	.785
„ 8. ...	.826	.801	.785	.793	.799	.809	.825	.847	.850	.850	.838	.827	.818	.797	.767	.750	.733	.738	.756	.767	.777	.794	.798	.797	.798
„ 9. ...	.790	.781	.765	.764	.772	.776	.794	.811	.815	.814	.804	.784	.763	.751	.728	.719	.720	.724	.729	.743	.734	.742	.756	.764	.764
„ 10. ...	.760	.754	.740	.746	.760	.773	.789	.790	.794	.793	.787	.768	.748	.723	.701	.682	.676	.701	.727	.747	.766	.784	.788	.781	.753
„ 11. ...	.770	.762	.745	.760	.776	.796	.811	.829	.835	.834	.839	.838	.822	.803	.782	.770	.766	.770	.783	.804	.821	.837	.838	.830	.801
„ 12. ...	.808	.793	.784	.780	.787	.800	.808	.819	.811	.806	.805	.796	.773	.760	.750	.737	.736	.740	.754	.767	.789	.798	.798	.790	.783
„ 13. ...	.776	.760	.751	.746	.750	.753	.769	.785	.789	.797	.794	.786	.772	.764	.753	.741	.756	.762	.778	.781	.793	.793	.794	.789	.772
„ 14. ...	.782	.776	.770	.778	.793	.806	.816	.834	.849	.850	.847	.839	.815	.806	.783	.773	.763	.765	.779	.789	.798	.811	.818	.810	.802
„ 15. ...	.798	.792	.795	.797	.808	.810	.829	.842	.851	.848	.845	.831	.810	.790	.782	.774	.772	.784	.800	.808	.822	.835	.834	.813	.811
„ 16. ...	.796	.791	.776	.773	.802	.818	.827	.839	.853	.847	.837	.822	.805	.784	.771	.756	.754	.763	.775	.781	.793	.808	.799	.783	.798
„ 17. ...	.763	.743	.728	.724	.737	.753	.777	.809	.813	.808	.800	.774	.748	.725	.709	.697	.683	.694	.701	.722	.757	.771	.778	.779	.750
„ 18. ...	.779	.772	.765	.765	.776	.787	.806	.819	.824	.820	.815	.810	.790	.775	.765	.748	.750	.774	.788	.817	.825	.847	.845	.835	.796
„ 19. ...	.833	.809	.794	.780	.793	.803	.809	.833	.831	.838	.838	.829	.819	.799	.786	.768	.764	.768	.784	.809	.831	.838	.835	.819	.809
„ 20. ...	.800	.788	.771	.769	.778	.790	.807	.813	.824	.828	.822	.805	.786	.771	.766	.755	.742	.755	.780	.793	.815	.834	.833	.808	.793
„ 21. ...	.799	.778	.769	.760	.770	.775	.795	.807	.817	.813	.827	.807	.789	.778	.765	.744	.721	.727	.747	.778	.787	.810	.813	.810	.783
„ 22. ...	.791	.774	.762	.769	.768	.783	.800	.813	.818	.825	.811	.809	.797	.770	.748	.743	.747	.753	.769	.802	.819	.844	.860	.846	.793
„ 23. ...	.824	.808	.808	.808	.819	.827	.837	.844	.849	.847	.852	.849	.831	.814	.802	.782	.779	.776	.782	.808	.829	.843	.849	.839	.821
„ 24. ...	.829	.816	.805	.813	.814	.827	.836	.853	.870	.871	.869	.856	.839	.812	.795	.784	.783	.787	.790	.808	.833	.847	.856	.853	.827
„ 25. ...	.846	.840	.833	.820	.824	.832	.848	.863	.874	.883	.873	.861	.842	.819	.807	.781	.774	.782	.786	.802	.803	.826	.831	.813	.828
„ 26. ...	.789	.774	.761	.752	.751	.763	.774	.782	.781	.784	.770	.759	.741	.714	.695	.675	.665	.672	.671	.686	.691	.708	.712	.704	.732
„ 27. ...	.682	.662	.651	.639	.643	.656	.674	.679	.676	.679	.684	.670	.654	.625	.611	.599	.597	.598	.609	.627	.641	.655	.655	.650	.646
„ 28. ...	.647	.622	.621	.622	.627	.643	.660	.677	.689	.697	.695	.691	.669	.658	.638	.628	.627	.629	.645	.667	.689	.703	.708	.705	.661
„ 29. ...	.702	.694	.689	.697	.701	.713	.729	.743	.744	.756	.746	.730	.713	.694	.684	.676	.669	.681	.677	.697	.707	.727	.727	.728	.709
„ 30. ..	.713	.694	.693	.694	.689	.690	.710	.724	.733	.729	.727	.705	.703	.706	.707	.672	.687	.701	.725	.729	.751	.760	.763	.756	.715
„ 31. ...	.747	.741	.735	.729	.730	.739	.770	.770	.773	.764	.759	.755	.739	.732	.727	.716	.716	.717	.734	.742	.753	.770	.777	.760	.746
Hourly Means, ...	29.784	29.771	29.761	29.760	29.768	29.779	29.795	29.808	29.814	29.816	29.810	29.799	29.781	29.763	29.748	29.733	29.731	29.739	29.751	29.769	29.784	29.798	29.801	29.791	29.777

TABLE II.

TEMPERATURE FOR THE MONTH OF MAY, 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means	Max.	Min.
May 1	68.8	68.4	68.3	68.1	68.8	68.4	68.9	69.0	69.1	70.7	71.9	70.9	70.5	70.0	70.6	68.8	68.5	68.7	68.1	68.5	68.6	68.5	68.4	67.9	69.1	71.9	67.8
,, 2	67.5	67.5	67.4	67.2	67.2	67.5	68.0	68.7	69.9	70.5	71.2	70.8	71.9	71.9	70.7	70.7	70.9	71.0	71.0	70.9	70.9	71.3	71.4	71.5	69.9	71.9	67.2
,, 3	71.7	71.7	71.8	72.1	71.9	71.6	68.2	68.5	68.6	69.3	71.3	70.8	71.5	71.4	70.7	70.9	70.0	70.0	69.8	69.9	70.1	70.1	69.9	69.8	70.5	72.1	68.1
,, 4	69.7	69.6	69.4	69.5	69.5	69.9	70.2	70.7	71.1	71.6	70.9	72.4	72.7	72.6	72.4	71.9	70.3	69.1	69.1	69.1	69.3	70.0	70.1	69.9	70.5	72.7	69.1
,, 5	69.8	69.8	69.4	69.2	69.2	68.7	69.1	70.2	70.6	71.0	72.2	72.7	71.2	71.9	72.4	71.9	72.1	70.4	70.2	70.5	69.7	70.0	69.9	69.9	70.5	72.8	68.4
,, 6	70.0	70.2	70.2	70.2	70.2	70.5	71.7	72.8	75.1	76.2	78.4	80.8	78.9	77.0	77.7	78.2	76.1	76.5	74.7	73.2	72.8	72.8	72.4	72.7	74.1	81.4	69.9
,, 7	72.8	72.3	73.1	73.0	73.0	73.1	75.1	76.4	76.6	75.2	75.0	76.7	76.6	76.2	76.2	74.4	73.2	72.9	72.3	71.9	72.1	72.1	72.2	72.3	73.9	76.9	71.9
,, 8	71.8	71.9	71.6	71.8	71.7	72.0	71.6	71.8	71.7	72.8	72.8	73.4	73.9	74.0	74.3	73.7	73.5	72.2	71.8	71.8	72.0	72.3	72.4	73.1	72.5	74.6	71.3
,, 9	72.5	72.1	72.4	72.9	72.8	73.0	74.6	74.7	76.2	77.9	77.1	77.6	78.6	78.8	77.7	76.5	74.4	73.5	72.4	72.7	72.7	72.8	72.5	72.1	74.5	78.8	72.0
,, 10	72.0	71.7	71.6	71.3	70.9	71.7	73.7	74.2	77.2	78.6	79.5	79.6	80.3	80.5	82.2	81.9	79.9	77.5	76.1	75.8	75.9	74.7	75.0	75.1	76.1	82.2	70.8
,, 11	76.4	76.0	74.2	73.8	72.9	72.8	72.7	71.4	72.2	72.7	72.9	73.2	73.8	72.6	75.8	75.8	74.7	74.1	72.8	72.1	72.2	72.0	72.2	72.1	73.4	77.8	71.4
,, 12	71.7	71.3	70.5	70.2	69.8	70.9	70.1	70.5	71.8	74.7	73.1	73.6	76.5	74.3	74.8	73.9	73.8	72.9	72.2	72.3	71.9	71.9	71.3	71.6	72.3	76.5	69.7
,, 13	71.7	71.9	71.2	71.1	71.1	71.7	72.7	74.6	76.5	76.6	76.7	77.2	76.6	76.1	74.8	74.4	73.7	72.9	72.8	73.0	73.1	73.3	73.7	73.3	73.8	77.2	70.6
,, 14	73.0	72.3	71.8	71.7	71.9	72.2	72.4	74.4	74.5	75.2	75.6	74.5	74.7	74.7	75.5	72.9	72.6	72.3	72.0	72.3	71.8	71.4	70.1	69.4	72.9	76.3	69.3
,, 15	69.7	70.5	70.7	70.8	70.8	71.5	72.2	72.6	72.6	74.6	73.6	74.0	75.4	74.8	74.6	75.0	74.7	73.6	72.9	72.7	72.5	72.7	72.7	72.6	72.8	75.5	69.3
,, 16	72.5	73.0	72.5	73.0	72.7	72.4	73.6	74.0	75.7	77.3	78.9	79.6	78.7	78.9	79.1	77.9	77.0	75.7	74.8	73.8	73.6	73.8	73.1	73.3	75.2	79.6	72.3
,, 17	73.5	72.9	73.1	72.8	72.6	73.0	74.1	74.6	77.8	77.8	79.5	80.5	81.6	81.7	82.6	81.8	81.5	79.3	76.8	76.5	76.1	75.5	74.9	74.3	76.9	83.3	72.4
,, 18	74.5	73.4	72.9	73.8	74.4	75.0	75.8	75.0	76.8	76.9	78.2	77.8	75.9	77.3	77.4	76.9	75.9	74.8	74.5	74.6	73.4	74.1	73.2	73.4	75.2	78.2	72.9
,, 19	72.6	72.4	72.1	72.5	73.0	73.0	74.5	75.6	76.4	77.6	77.1	77.8	77.7	77.3	76.2	75.5	76.4	75.5	75.1	74.1	74.4	75.8	75.7	75.2	75.1	78.2	71.8
,, 20	75.8	76.4	75.7	75.5	75.5	76.7	76.3	78.8	79.1	80.0	80.9	81.6	79.5	80.9	78.3	77.3	77.2	76.7	75.7	75.2	75.0	75.4	75.3	75.1	77.2	81.6	75.0
,, 21	74.9	75.0	75.0	74.5	74.1	74.0	74.2	74.7	75.2	76.8	74.8	77.3	77.2	77.8	76.6	76.4	76.2	74.9	74.4	74.8	74.7	74.8	74.8	73.9	75.3	78.8	73.6
,, 22	74.6	75.3	75.0	75.2	75.0	75.1	75.8	75.8	77.3	78.3	78.6	78.8	78.4	77.6	77.3	77.2	76.1	76.0	76.7	76.0	75.7	75.9	75.9	75.9	76.4	78.8	73.9
,, 23	76.1	75.9	75.4	74.9	74.8	74.7	74.5	75.1	76.4	77.8	78.1	77.2	78.0	77.7	77.3	76.7	75.9	75.9	74.9	74.8	74.8	75.0	75.2	75.1	75.9	78.3	74.3
,, 24	74.8	74.6	75.0	74.3	74.0	74.0	74.7	76.4	76.2	77.2	78.3	78.9	77.6	77.6	77.5	77.0	76.4	76.0	75.3	75.1	75.0	74.9	74.8	75.0	75.9	78.9	74.0
,, 25	75.1	75.0	75.0	74.8	74.4	74.9	75.4	76.0	76.5	76.2	76.8	77.6	77.2	77.8	77.0	76.4	75.4	75.1	74.5	74.9	75.0	75.3	75.1	74.3	75.7	78.6	74.3
,, 26	74.1	74.4	74.2	73.4	73.5	73.3	73.7	75.2	75.7	75.3	75.3	74.6	75.2	75.5	75.8	76.0	76.0	76.7	75.3	75.4	75.6	75.7	76.7	76.2	75.1	77.1	73.3
,, 27	75.6	75.5	75.6	75.6	75.9	76.1	77.4	79.8	80.7	81.8	83.0	83.4	84.7	83.2	82.1	83.0	80.9	79.6	79.1	78.3	78.3	78.7	78.2	79.2	79.4	84.7	75.4
,, 28	79.1	79.3	79.4	78.8	78.6	78.5	80.4	80.8	81.9	83.1	84.1	84.2	85.9	85.4	85.7	83.4	83.0	80.4	79.8	78.8	78.7	78.8	78.4	80.0	81.1	87.1	78.3
,, 29	79.5	79.1	78.7	79.4	79.3	79.4	81.1	83.0	82.8	83.6	82.6	86.0	87.8	86.3	84.8	85.6	82.3	81.7	81.3	81.1	81.1	81.0	81.1	80.9	82.1	88.4	78.7
,, 30	80.7	80.6	80.6	81.3	81.1	79.8	80.8	80.5	81.4	79.1	78.4	82.2	81.5	74.8	74.6	74.7	75.4	76.7	76.7	76.9	76.3	76.0	75.2	75.2	78.4	82.8	73.5
,, 31	74.8	74.8	74.9	75.0	74.7	75.0	75.5	76.9	79.6	81.8	82.6	81.4	81.5	81.0	79.6	79.1	78.5	77.3	76.8	75.5	75.4	75.4	73.2	73.7	77.2	82.6	73.1
Hourly Means,	73.5	73.4	73.2	73.2	73.1	73.2	73.8	74.6	75.6	76.4	76.8	77.3	77.5	77.0	76.8	76.3	75.6	74.8	74.2	74.0	73.8	73.9	73.7	73.7	74.8	78.6	72.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MAY, 1887.

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.	Sun.	Rad.
May 1	65.4	65.2	64.8	63.9	64.2	63.6	64.2	63.8	64.1	65.0	66.1	65.7	65.7	66.3	66.4	66.2	66.1	65.8	65.8	66.1	66.3	66.5	66.8	66.9	65.5	132.5	65.8
,, 2	66.7	66.8	66.8	66.9	66.9	67.2	67.7	68.1	69.1	69.3	69.6	69.5	70.2	70.3	69.4	69.4	69.8	70.0	69.7	70.0	70.4	70.5	70.8	70.8	69.0	108.0	66.9
,, 3	71.1	71.1	71.1	71.2	71.0	70.8	66.7	66.3	66.1	65.6	66.6	66.5	66.2	65.8	66.4	67.2	66.8	66.5	66.6	66.7	66.7	66.8	66.7	66.8	67.6	130.6	67.0
,, 4	66.6	66.4	66.0	66.0	66.1	66.1	66.5	65.5	66.5	66.4	65.7	66.8	65.9	66.4	66.2	66.5	65.6	65.6	66.0	66.4	66.8	67.6	67.7	67.6	66.4	140.7	68.0
,, 5	67.5	67.4	67.3	66.9	67.0	66.7	66.6	67.0	67.3	67.4	68.1	68.2	67.6	67.7	68.4	68.2	68.3	67.7	67.4	68.0	67.6	67.7	68.0	68.2	67.6	122.4	67.1
,, 6	68.2	68.1	68.4	68.5	68.4	69.0	69.4	69.4	71.0	71.5	72.8	73.4	73.4	72.6	72.4	72.7	72.0	72.4	71.2	70.6	70.8	70.9	70.7	71.0	70.8	156.1	67.9
,, 7	71.0	70.5	70.8	70.4	70.4	70.8	71.6	72.7	72.7	72.5	72.9	73.4	73.5	73.0	73.3	72.1	71.6	71.4	70.9	70.7	70.8	70.7	70.7	70.7	71.6	131.6	69.7
,, 8	70.4	70.3	70.2	70.3	70.2	70.3	70.0	70.4	70.6	71.1	70.9	71.2	71.4	71.5	71.3	70.8	70.3	70.0	70.2	70.2	70.2	70.6	70.8	71.2	70.6	126.5	70.3
,, 9	70.9	70.8	71.0	71.2	71.3	71.4	72.0	71.4	72.2	72.6	72.6	72.9	72.4	72.6	72.5	72.5	72.1	72.0	71.8	71.6	71.5	71.5	71.5	70.8	71.8	140.2	71.1
,, 10	70.7	70.7	70.6	70.7	70.4	71.1	72.1	72.2	73.3	73.2	73.6	73.5	74.2	74.4	74.3	75.0	73.9	73.3	72.6	72.1	73.2	73.2	73.1	73.4	72.7	139.9	69.1
,, 11	71.6	70.8	70.8	68.1	67.1	68.9	68.3	68.5	69.1	68.3	68.7	69.1	69.4	69.0	69.5	70.6	69.6	69.3	69.2	69.5	69.7	69.6	69.5	69.4	69.3	116.4	69.0
,, 12	69.6	69.1	68.7	68.4	68.3	68.4	68.5	68.8	69.5	69.3	68.2	68.3	71.1	69.3	69.8	69.7	69.5	69.2	69.0	68.7	68.6	68.2	67.7	67.5	68.9	144.8	70.1
,, 13	67.3	67.5	66.8	66.7	66.9	65.5	66.1	66.0	67.1	65.2	65.6	65.7	66.1	65.5	65.4	61.8	63.1	*63.2	*63.4	*63.6	*63.8	63.9	*64.1	*63.9	65.2	141.5	69.5
,, 14	*63.7	63.5	*63.0	*62.5	*62.0	*61.4	60.8	61.0	60.1	59.9	60.5	60.6	60.8	60.6	63.2	66.3	66.3	68.0	69.1	69.2	69.1	68.5	69.1	67.9	64.0	139.8	70.4
,, 15	67.8	66.8	66.5	66.0	65.6	65.6	65.5	65.5	65.9	67.4	67.5	68.2	69.4	68.5	69.1	69.4	69.5	69.6	69.2	69.2	69.5	69.4	69.7	69.8	67.9	136.0	68.3
,, 16	69.5	69.8	69.5	69.6	69.4	69.6	70.1	70.5	71.4	72.0	73.0	73.5	72.9	73.1	73.4	73.3	72.6	72.0	71.8	71.7	71.4	71.6	71.4	71.4	71.4	147.2	71.9
,, 17	71.4	71.2	71.2	71.0	70.7	70.9	71.7	71.9	73.4	72.5	73.2	73.7	74.5	74.3	75.1	75.3	74.8	74.9	73.3	73.4	73.6	72.8	72.7	72.3	72.9	136.8	67.9
,, 18	71.6	71.3	70.6	70.6	71.3	72.1	72.7	72.3	72.3	72.7	73.2	72.8	72.2	72.5	72.1	72.4	71.3	70.4	70.9	70.9	70.5	70.5	70.7	70.3	71.6	142.9	70.0
,, 19	70.6	70.6	69.8	69.3	69.6	69.8	70.1	70.5	70.9	71.3	71.5	71.7	71.9	71.5	71.8	71.6	70.3	70.1	70.8	70.9	71.2	72.2	72.8	73.2	71.0	127.8	71.1
,, 20	73.0	73.3	73.2	73.3	73.1	73.3	73.4	73.7	73.4	74.6	74.4	74.5	74.0	73.6	73.2	73.2	73.9	74.0	73.9	73.6	73.7	74.0	74.2	73.7	73.7	145.1	73.4
,, 21	73.6	73.4	73.0	72.7	72.5	72.5	72.7	72.4	72.5	73.3	72.3	73.2	72.9	73.4	72.8	72.8	73.0	72.6	72.8	73.0	73.0	73.2	73.2	73.2	72.9	141.2	73.2
,, 22	73.3	73.5	73.5	73.9	73.8	74.1	74.0	74.3	74.8	75.2	75.2	75.3	75.3	74.8	74.7	74.7	74.2	74.1	74.5	74.4	74.4	74.6	74.5	74.6	74.4	132.1	73.4
,, 23	74.5	74.2	73.8	73.4	73.0	73.3	72.7	72.5	73.1	73.5	73.7	73.0	73.1	73.3	73.1	73.0	72.5	72.6	72.5	72.6	72.4	72.5	72.3	71.6	73.0	142.3	73.7
,, 24	71.2	70.7	70.5	70.1	70.0	70.3	70.7	71.4	71.4	72.2	72.8	72.7	71.6	71.6	71.5	71.9	71.8	71.7	71.5	71.5	71.5	71.5	71.4	72.4	71.4	144.0	73.4
,, 25	72.5	72.3	71.8	72.1	71.4	71.5	71.5	72.2	72.3	72.5	72.4	73.2	72.8	73.2	72.8	72.4	72.1	72.0	71.7	72.2	71.9	72.1	72.2	71.6	72.2	137.9	73.9
,, 26	71.7	72.1	72.0	72.2	72.2	71.7	72.1	73.3	73.4	73.2	73.7	73.4	73.9	74.3	74.3	74.3	74.4	74.4	74.2	74.3	74.5	74.6	74.6	74.4	73.5	98.3	72.3
,, 27	74.2	74.4	74.4	74.5	74.5	74.8	76.0	76.1	76.4	75.5	76.5	76.3	76.3	75.1	76.3	76.9	75.6	76.1	75.6	75.1	75.2	74.7	74.5	75.1	75.4	144.5	73.9
,, 28	74.4	74.7	74.5	74.9	75.2	75.3	75.6	75.8	76.7	76.4	77.5	77.2	76.9	76.7	78.1	75.9	76.6	75.5	75.6	75.4	75.5	75.5	75.6	75.9	75.9	143.6	76.3
,, 29	75.0	75.5	75.2	76.0	75.9	75.9	76.5	77.5	77.2	77.6	77.1	78.7	79.2	77.5	76.5	77.4	76.9	76.7	76.2	76.1	76.3	75.9	76.1	76.2	76.6	146.7	76.3
,, 30	76.4	76.1	*76.1	*76.3	*76.3	76.0	76.5	77.4	77.8	76.1	75.5	77.5	76.8	72.3	71.9	72.9	72.8	74.3	74.1	74.5	73.8	73.3	71.9	71.4	74.9	114.3	71.9
,, 31	71.3	71.3	72.0	72.4	71.9	70.2	70.5	70.5	71.1	70.3	68.6	67.5	69.1	70.8	72.3	71.5	72.8	72.4	72.1	70.8	69.6	70.1	69.3	70.3	70.8	140.8	71.9
Hourly Means	70.7	70.6	70.4	70.3	70.2	70.3	70.4	70.6	71.1	71.1	71.3	71.5	71.6	71.3	71.5	71.5	71.3	71.2	71.1	71.1	71.1	71.1	71.1	71.1	71.0	135.2	70.8

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MAY, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	87	0.721	May. 1,.....	82	0.582
2 „	87	.718	„ 2,.....	95	.698
3 „	87	.713	„ 3,.....	85	.638
4 „	86	.709	„ 4,.....	80	.595
5 „	86	.706	„ 5,.....	85	.638
6 „	86	.709	„ 6,.....	85	.711
7 „	83	.704	„ 7,.....	89	.745
8 „	81	.701	„ 8,.....	90	.724
9 „	79	.708	„ 9,.....	87	.745
10 „	76	.696	„ 10,.....	84	.759
11 „	75	.699	„ 11,.....	81	.662
Noon.	74	.700	„ 12,.....	83	.662
1 p	74	.701	„ 13,.....	61	.508
2 „	74	.696	„ 14,.....	58	.478
3 „	76	.707	„ 15,.....	76	.618
4 „	78	.714	„ 16,.....	82	.719
5 „	80	.715	„ 17,.....	82	.756
6 „	84	.722	„ 18,.....	84	.727
7 „	86	.726	„ 19,.....	81	.705
8 „	86	.729	„ 20,.....	84	.786
9 „	87	.732	„ 21,.....	88	.779
10 „	87	.730	„ 22,.....	91	.826
11 „	88	.733	„ 23,.....	86	.774
Midt.	88	.733	„ 24,.....	79	.710
			„ 25,.....	84	.744
			„ 26,.....	93	.806
			„ 27,.....	82	.828
			„ 28,.....	78	.825
			„ 29,.....	77	.843
			„ 30,.....	84	.819
			„ 31,.....	71	.668
Mean, ...	82	0.713	Mean,.....	82	0.712

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.
1887.														
May, 1,	...	...	...	...	0.1	0.5	...	0.1	0.2	0.2	...	...	...	1.1
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	0.2	...	...	...	...	...	0.2
„ 4.	...	...	...	...	0.1	...	0.5	1.0	1.0	1.0	1.0	0.7	0.4	5.7
„ 5,	...	...	0.1	...	...	...	...	...	...	...	...	0.6	...	0.7
„ 6.	...	...	...	0.2	0.7	0.4	0.6	...	...	0.5	0.3	0.1	...	2.8
„ 7,	...	0.1	...	...	...	...	...	0.3	0.8	0.3	0.1	...	...	1.6
„ 8,	...	...	...	...	...	...	...	...	...	0.1	...	...	...	0.1
„ 9,	...	0.5	0.6	0.8	1.0	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.2	9.6
„ 10,	...	0.1	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	9.5
„ 11,	...	...	...	...	...	...	...	...	...	0.2	0.1	...	...	0.3
„ 12,	...	...	...	...	0.5	...	...	...	...	...	0·1	0.2	...	0.8
„ 13,	0.4	...	0.4	0.8	0.5	...	0.4	0.2	0.2	0.2	...	...	...	3.1
„ 14,	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.4	1.0	0.6	0.1	0.1	8.4
„ 15,	...	...	...	...	...	...	...	0.1	0.1	...	...	0.2	...	0.4
„ 16,	...	...	...	...	...	0.6	0.3	0.3	0.1	0.5	0.2	0.4	0.1	2.5
„ 17.	...	1.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	10.7
„ 18,	0.3	...	...	0.5	0.6	1.0	0.8	0.5	0.7	0.7	1.0	0.9	...	7.0
„ 19,	...	...	...	0.2	0.1	...	...	...	...	...	..	...	...	0.3
„ 20,	...	0.1	0.6	0.2	0.2	0.4	0.6	0.3	0.7	0.3	...	...	...	3.4
„ 21.	...	...	0.1	..	0.1	...	0.6	0.3	0.5	0.1	0.5	0.8	...	3.0
„ 22,	...	...	...	0.1	0.1	0.1	0.1	0.1	...	0.3	...	...	...	0.8
„ 23,	...	0.2	...	...	0.6	...	0.1	1.0	0.9	0.5	1.0	1.0	0.6	5.9
„ 24,	...	...	0.7	0.1	0.1	0.5	0.9	0.7	1.0	1.0	1.0	1.0	0.5	7.5
„ 25,	...	0.3	0.3	0.1	0.2	0.5	0.8	0.9	0.6	0.1	0.1	...	...	3.9
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	0.3	0.3
„ 27,	...	0.1	0.6	1.0	0.9	1.0	1.0	0.9	0.1	0.1	0.6	0.1	...	6.4
„ 28,	...	0.7	0.9	0.9	1.0	1.0	1.0	1.0	0.8	0.9	0.5	0.7	...	9.4
„ 29,	...	0.6	1.0	1.0	1.0	0.7	0.7	1.0	0.9	1.0	1.0	0.3	0.5	9.7
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	0.1	0.1	0.6	...	...	0.3	0.2	0.5	0.1	...	2.2
Sums,.....	0.7	3.9	6.7	9.0	10.9	11.0	12.1	12.9	12.3	12.2	11.6	10.3	3.4	117.3
ourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF MAY, 1887.

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.
May 1.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	0·010	...	...	0·035	...	...	...	0·055
" 3.	...	...	...	0·020	...	0·030	0·005	...	...	0·030	0·010	...	...	...	...	...	0·005	...	...	...	...	...	...	...	0·100
" 4.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5.	...	...	...	0·005	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010
" 6.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	0·005	0·010
" 8.	...	...	...	...	...	...	...	0·015	0·035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·050
" 9.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10.	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
" 11.	...	0·020	0·010	...	...	0·010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·040
" 12.	0·010	0·010	0·005	0·015	...	...	0·015	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·060
" 13.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	0·005	0·010	0·020
" 15.	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
" 16.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19.	0·040	0·015	0·015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·070
" 20.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21.	...	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
" 22.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26.	...	...	...	...	...	...	...	...	...	0·025	0·065	0·105	0·170	0·110	0·005	...	...	...	...	...	...	...	...	...	0·480
" 27.	...	0·025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·025
" 28.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30.	...	...	...	...	0·260	...	0·075	0·010	...	0·230	0·035	...	...	0·330	0·150	0·020	...	...	...	...	...	...	...	...	1·110
" 31.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums.	0·055	0·070	0·030	0·040	0·270	0·040	0·100	0·030	0·035	0·285	0·110	0·105	0·170	0·440	0·155	0·020	0·015	0·015	...	...	0·035	0·005	0·005	0·015	2·045

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF MAY, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
May. 1.	6	29	7	27	7	25	7	21	7	21	7	21	7	20	7	23	7	24	7	21	7	24	8	24	8	29	8	27	8	25	7	24	8	28	7	24	7	26	7	23	8	21	8	22	8	20	8	19	571	23.8
" 2.	8	19	8	19	7	20	8	20	8	17	7	13	7	13	7	14	7	15	7	12	6	13	7	14	7	11	7	11	7	12	7	10	6	7	6	8	6	10	6	9	7	6	7	7	7	5	5	3	288	12.0
" 3.	31	4	...	1	...	1	31	2	32	6	7	23	7	34	7	34	7	33	7	32	7	33	7	33	7	35	7	33	8	35	8	32	8	31	7	26	7	25	7	26	7	24	7	21	7	22	7	25	571	23.8
" 4.	7	26	6	27	6	29	6	29	7	25	6	27	7	30	7	30	7	30	7	27	6	28	7	24	7	24	9	26	7	24	7	26	7	23	7	18	7	18	7	13	7	13	7	11	8	12	8	12	552	23.0
" 5.	7	16	7	17	7	15	7	15	7	15	7	17	7	22	7	23	6	24	7	20	7	15	7	18	8	18	8	17	8	15	8	17	8	18	7	15	8	11	8	8	8	9	8	5	8	4	8	4	358	14.9
" 6.	...	0	...	0	...	0	...	0	...	1	...	0	...	0	4	3	30	4	28	7	25	6	24	10	23	9	25	11	28	7	27	6	27	5	...	1	27	4	30	3	30	2	25	2	...	0	...	0	81	3.4
" 7.	...	0	25	2	32	2	...	0	32	2	...	0	...	0	...	1	5	5	7	13	8	16	8	16	8	21	8	24	9	21	8	23	9	23	9	19	7	19	7	15	7	16	6	23	7	17	6	17	295	12.3
" 8.	7	20	6	19	7	20	6	18	7	18	6	19	7	15	7	15	7	17	6	18	6	18	7	19	8	16	8	15	8	17	8	19	8	21	8	23	8	18	9	14	8	17	8	12	9	9	9	6	403	16.8
" 9.	9	6	9	3	9	2	9	4	9	2	9	6	9	7	9	6	9	8	9	6	9	15	8	17	9	20	8	17	8	19	8	18	9	13	8	10	8	11	8	10	8	14	8	14	8	10	31	4	242	10.1
" 10.	30	4	31	3	30	3	...	0	...	1	...	0	31	2	31	2	30	2	23	3	25	6	11	6	2	5	6	4	32	7	28	7	24	3	16	2	...	1	30	4	31	3	29	6	29	3	...	1	78	3.2
" 11.	1	8	1	10	2	6	1	15	1	13	4	8	5	19	5	18	5	19	4	15	5	12	5	10	3	7	7	3	4	3	21	4	...	1	24	8	10	12	8	16	8	15	9	14	9	11	9	12	259	10.8
" 12.	9	8	7	9	9	12	9	12	9	11	7	9	7	6	8	5	12	6	12	5	11	3	...	1	31	2	28	6	21	4	9	4	8	4	7	2	10	4	11	7	12	5	11	4	11	2	11	4	135	5.6
" 13.	10	10	10	13	7	15	7	13	7	11	7	11	8	11	8	14	8	15	8	16	8	14	8	14	8	19	8	21	9	19	9	19	10	18	10	21	8	16	8	16	8	19	8	17	8	18	8	19	379	15.8
" 14.	7	20	7	21	7	25	7	22	7	25	7	25	7	27	7	29	7	31	7	28	6	26	7	30	7	28	6	26	8	23	8	31	8	25	8	23	8	21	7	18	7	18	8	20	8	20	7	19	581	24.2
" 15.	6	23	7	19	7	20	7	26	7	24	7	27	7	26	6	24	7	20	7	24	7	22	7	24	7	24	7	24	7	24	7	24	7	23	7	20	7	20	7	16	8	17	7	20	7	16	8	20	527	22.0
" 16.	7	17	7	16	7	15	6	9	6	9	8	12	6	9	6	9	5	8	7	12	7	14	8	20	7	17	7	18	7	15	9	14	10	15	10	13	10	12	10	7	10	7	10	7	9	8	9	7	290	12.1
" 17.	9	4	10	5	10	7	10	3	10	2	10	4	10	2	10	4	10	3	10	5	10	8	10	10	23	10	23	10	24	9	24	8	26	6	27	6	29	4	29	2	29	3	5	5	7	8	7	6	134	5.6
" 18.	8	7	8	5	8	5	8	7	9	10	9	12	7	22	7	24	7	26	7	23	8	25	9	28	9	28	8	23	10	27	7	22	7	24	7	24	7	23	7	23	7	23	7	21	7	22	7	24	478	19.9
" 19.	7	26	7	25	7	27	7	28	7	22	8	19	9	14	9	13	8	21	9	21	9	15	10	17	9	16	8	18	8	21	8	19	7	16	8	20	8	12	8	13	8	7	8	6	10	5	11	5	406	16.9
" 20.	5	6	5	6	7	5	10	4	10	6	9	9	8	13	5	15	5	15	9	12	7	17	7	22	8	23	8	27	7	21	8	21	7	20	7	20	7	19	7	19	8	21	10	26	10	26	7	18	391	16.3
" 21.	7	17	7	20	6	24	7	25	7	25	6	27	7	24	7	28	7	27	7	26	7	24	7	29	7	27	8	26	8	27	7	24	7	27	7	23	7	19	7	17	7	20	7	15	6	16	8	11	548	22.8
" 22.	7	9	6	12	7	11	8	8	9	10	9	14	7	13	7	12	7	19	7	18	7	17	9	19	9	18	10	17	9	20	10	18	10	19	9	14	10	12	10	12	8	13	8	13	9	12	8	14	344	14.3
" 23.	6	13	7	15	8	21	7	22	8	24	8	23	7	20	7	20	7	18	7	19	8	20	8	18	9	21	9	22	8	22	9	24	9	24	8	23	8	24	8	25	8	23	8	25	7	18	8	19	503	21.0
" 24.	8	23	8	19	6	18	7	15	7	20	7	20	7	19	7	19	7	21	7	21	7	21	9	26	9	27	9	26	8	23	8	22	8	22	8	21	8	17	8	17	8	18	8	18	8	17	9	16	486	20.3
" 25.	9	19	8	16	8	18	8	22	7	18	7	19	7	19	7	18	7	19	8	22	9	24	8	24	8	22	9	25	9	25	8	26	8	26	9	26	8	29	9	28	8	29	9	29	9	29	8	25	557	23.2
" 26.	8	25	9	25	9	22	9	23	9	23	8	16	9	17	9	21	9	18	7	14	7	13	7	11	7	8	6	6	7	10	7	12	8	18	8	17	8	17	8	15	8	12	8	9	14	5	8	5	362	15.1
" 27.	8	5	7	5	7	3	7	2	32	4	32	6	31	6	28	9	28	8	24	12	20	12	20	17	19	18	18	17	17	12	19	11	17	10	16	9	16	8	17	6	16	8	18	9	19	7	18	9	213	8.9
" 28.	18	10	18	11	19	11	19	18	22	17	22	11	19	15	20	17	21	16	21	17	19	19	18	20	20	16	18	12	23	12	18	13	17	11	18	9	18	5	16	5	17	6	16	5	17	4	17	10	290	12.1
" 29.	18	8	19	10	20	7	18	9	19	9	19	8	17	4	18	7	21	8	22	12	22	10	18	11	18	13	19	12	22	14	19	10	17	11	17	11	16	9	18	11	17	9	18	12	18	13	19	13	241	10.0
" 30.	19	13	19	18	18	14	19	16	19	14	18	12	20	19	22	20	22	17	20	17	16	8	17	11	19	23	23	25	21	4	20	5	24	7	10	4	11	2	3	3	3	5	3	6	3	4	31	5	272	11.3
" 31.	31	3	31	3	...	1	31	2	23	3	32	6	32	4	2	4	2	6	3	9	32	14	32	11	4	12	9	11	9	18	9	21	8	18	9	15	6	8	6	8	6	8	6	7	6	3	6	2	197	8.2
Sums.	...	398	...	401	...	404	...	410	...	408	...	424	...	452	...	481	...	503	...	510	...	512	...	554	...	567	...	560	...	535	...	534	...	517	...	475	...	436	...	409	...	411	...	411	...	366	...	354	11032	459.7
Hourly Means.	...	12.8	...	12.9	...	13.0	...	13.2	...	13.2	...	13.7	...	14.6	...	15.5	...	16.2	...	16.5	...	16.5	...	17.9	...	18.3	...	18.1	...	17.3	...	17.2	...	16.7	...	15.3	...	14.1	...	13.2	...	13.3	...	13.3	...	11.8	...	11.4	355.9	14.8

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR MAY, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.5	10.8	0.9	0.5	+0.5	+10.3	E 3° N
2 „	1.3	10.6	1.1	0.8	0.2	9.8	E 1° N
3 „	1.1	11.3	0.9	0.6	0.3	10.6	E 2° N
4 „	1.3	10.9	1.1	0.9	0.2	10.1	E 1° N
5 „	0.9	10.8	0.8	1.1	0.1	9.7	E 1° N
6 „	1.4	11.8	0.7	0.6	0.7	11.2	E 4° N
7 „	0.9	12.7	0.9	0.8	0.0	12.0	E
8 „	1.5	13.1	0.8	1.2	0.7	11.9	E 3° N
9 „	1.8	13.7	0.9	1.3	+0.9	12.4	E 4° N
10 „	0.9	13.9	1.1	1.7	−0.2	12.1	E 1° S
11 „	1.7	13.5	1.2	1.4	+0.5	12.2	E 2° N
Noon.	0.6	15.0	2.0	1.1	−1.5	13.9	E 6° S
1 p.	0.6	15.1	1.6	2.0	1.0	13.0	E 4° S
2 „	0.5	14.8	1.3	2.2	0.7	12.6	E 3° S
3 „	0.5	14.9	1.0	1.4	0.6	13.5	E 3° S
4 „	0.3	15.1	1.2	1.4	0.9	13.7	E 4° S
5 „	0.3	14.6	1.6	0.6	1.4	14.0	E 6° S
6 „	0.2	13.6	1.4	0.5	1.2	13.1	E 5° S
7 „	0.4	12.8	1.2	0.2	0.8	12.5	E 4° S
8 „	0.5	11.9	1.0	0.3	0.5	11.7	E 2° S
9 „	0.4	12.1	0.9	0.1	0.5	12.0	E 2° S
10 „	0.7	11.7	1.2	0.5	0.5	11.3	E 3° S
11 „	0.4	10.5	1.2	0.4	0.8	10.1	E 5° S
Midt.	0.6	9.9	1.1	0.4	−0.5	+ 9.5	E 3° S
Mean,.....	0.8	12.7	1.1	0.9	−0.3	+11.8	E 1° S

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Se
1887.												
May. 1,.....	...	...	2	ESE	5	3	SSW	6	3	SE	5	3
„ 2,.....	...	...	1	SSW	5	2	S	5	1	S	5	1
„ 3,.....	...	...	1	E	5	3	E	5	4	E	5	2
„ 4,.....	...	...	3	E	6	3	E	6	3	E	6	2
„ 5,.....	...	...	2	E	6	3	E	3	2	E	3	1
„ 6,.....	...	...	1	S	3	1	S	2	1	SSE	3	1
„ 7,.....	...	...	1	S	4	1	E	4	2	E	5	2
„ 8,.....	...	...	2	S	4	2	SE	5	1	S	4	1
„ 9,.....	...	...	1	NE	3	1	NE	3	1	W	1	1
„ 10,.....	...	...	1	SW	3	1	W	4	1	SW	4	1
„ 11,.....	...	...	2	E	5	3	NE	4	2	NE	4	2
„ 12,.....	...	...	1	E	1	1	E	3	1	E	3	1
„ 13,.....	...	...	1	SE	4	1	SE	3	1	ESE	5	3
„ 14,.....	...	...	3	E	6	4	E	6	3	E	6	3
„ 15,.....	...	...	2	E	6	3	E	5	3	E	5	3
„ 16,.....	...	...	2	E	5	2	E	4	1	E	5	1
„ 17,.....	...	...	1	SE	3	1	SE	3	1	SE	3	0
„ 18,.....	...	...	0	E	5	2	E	6	3	E	6	3
„ 19,.....	...	...	3	E	5	3	E	4	2	E	4	3
„ 20,.....	...	...	1	E	4	2	E	5	2	E	6	2
„ 21,.....	...	...	1	E	6	1	E	5	3	E	5	2
„ 22,.....	...	...	1	E	4	1	SE	4	1	SE	3	1
„ 23,.....	...	...	2	E	4	2	E	4	2	SE	1	2
„ 24,.....	...	...	2	E	4	2	ESE	3	1	SE	1	1
„ 25,.....	...	...	2	ESE	5	3	ESE	5	3	ESE	5	3
„ 26,.....	...	...	2	SE	4	2	S	5	1	S	4	1
„ 27,.....	...	...	1	S	4	1	S	5	1	S	5	1
„ 28,.....	...	...	1	S	6	2	SSW	5	1	SSW	5	2
„ 29,.....	...	...	2	SSW	6	2	SW	6	2	SW	6	2
„ 30,.....	...	...	2	SW	6	3	NW	4	1	N	3	2
„ 31,.....	...	...	2	NE	3	2	ESE	3	2	SE	4	2
Mean,.....	...	...	1.7	E 27° S	4.6	2.1	E 28° S	4.4	1.8	E 31° S	4.5	1.8

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
May 1,.....	28.146	28.075	28.070	63.4	65.6	64.8	134.2	67.9	60.5	60.4
" 2,.....	.084	27.994	27.984	67.4	68.2	67.7	103.0	70.5	64.3	63.3
" 3,.....	.061	28.024	28.073	65.0	64.4	63.2	129.2	69.1	63.1	63.3
" 4,.....	.135	.085	.103	63.7	67.0	63.7	121.1	69.3	61.7	61.4
" 5,.....	.108	.095	.075	63.8	67.0	66.6	105.3	67.4	63.6	63.1
" 6,.....	.075	.015	.051	68.0	70.8	68.6	143.6	72.3	66.2	65.4
" 7,.....	.087	.049	.038	69.8	70.2	68.6	125.7	72.5	67.2	66.3
" 8,.....	.083	.041	.025	70.0	73.8	66.4	127.1	73.9	64.7	62.6
" 9,.....	.082	.033	.049	71.4	73.2	69.0	133.3	74.3	66.3	66.4
" 10,.....	.078	.000	.027	72.0	75.4	70.0	136.1	76.9	68.9	67.3
" 11,.....	.086	.055	.070	69.2	70.0	68.0	121.5	74.3	67.2	65.4
" 12,.....	.079	.033	.045	68.8	69.0	67.8	116.3	70.1	66.5	66.4
" 13,.....	.062	.037	.047	69.7	70.0	65.8	130.2	72.5	65.3	62.6
" 14,.....	.091	.056	.044	66.7	68.5	66.7	128.1	71.1	64.7	61.6
" 15,.....	.094	.051	.076	68.2	66.8	66.2	124.8	69.8	65.3	64.6
" 16,.....	.111	.076	.081	68.8	72.8	69.8	129.0	74.5	65.5	65.8
" 17,.....	.098	.022	.050	72.4	77.0	71.2	136.5	78.3	67.3	63.4
" 18,.....	.082	.036	.063	70.0	71.0	68.6	130.2	71.6	68.5	65.4
" 19,.....	.102	.065	.080	69.2	70.5	68.6	130.0	72.3	67.3	66.4
" 20,.....	.107	.057	.067	70.8	73.4	70.2	137.2	75.1	68.6	66.8
" 21,.....	.081	.039	.073	70.4	70.8	70.0	101.5	71.5	67.7	66.3
" 22,.....	.105	.048	.063	71.4	73.8	71.7	133.4	75.3	69.3	69.0
" 23,.....	.121	.069	.087	71.2	72.8	70.8	121.3	74.5	67.7	69.4
" 24,.....	.130	.083	.066	70.0	72.2	70.8	140.5	75.5	68.2	67.7
" 25,.....	.138	.070	.071	70.5	71.5	70.2	120.0	75.5	66.5	66.4
" 26,.....	.065	.030	.068	71.7	70.8	70.0	135.4	73.3	69.3	65.4
" 27,.....	.034	27.903	27.965	72.5	72.7	70.4	132.3	74.9	68.5	66.8
" 28,.....	27.982	.961	.951	72.8	74.7	73.6	133.4	75.5	70.4	66.4
" 29,.....	28.037	.998	.954	73.8	74.8	73.7	135.0	75.5	72.2	66.8
" 30,.....	27.995	.985	28.036	73.0	71.2	71.2	122.6	74.5	70.2	66.4
" 31,.....	28.047	28.021	.018	71.0	73.8	70.8	135.4	74.9	69.2	65.8
Mean,.....	28.083	28.036	28.049	69.6	71.1	68.9	127.5	73.0	66.8	65.3

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
May 1,.....	72	87	90	93	95	97	0.543	0.610	0.625	0.546	0.598	0.594
" 2,.....	94	93	96	97	99	98	.701	.702	.737	.658	.684	.669
" 3,.....	81	82	84	97	93	97	.582	.618	.615	.602	.566	.562
" 4,.....	75	73	88	94	88	94	.580	.579	.646	.556	.583	.556
" 5,.....	83	82	89	97	92	94	.624	.641	.649	.577	.614	.612
" 6,.....	78	76	90	96	93	94	.710	.731	.732	.658	.702	.657
" 7,.....	87	89	93	94	96	99	.764	.758	.734	.686	.710	.693
" 8,.....	92	86	92	85	80	92	.740	.717	.727	.626	.669	.595
" 9,.....	77	82	94	95	92	97	.731	.745	.756	.732	.752	.692
" 10,.....	76	71	93	89	91	97	.746	.776	.799	.703	.803	.716
" 11,.....	78	76	88	92	92	92	.634	.680	.693	.654	.679	.633
" 12,.....	74	80	82	97	92	95	.645	.671	.641	.684	.655	.646
" 13,.....	51	45	57	90	73	88	.471	.385	.469	.658	.539	.562
" 14,.....	36	69	85	63	69	84	.314	.559	.659	.412	.482	.554
" 15,.....	67	74	84	87	92	84	.576	.645	.676	.607	.610	.544
" 16,.....	76	80	89	95	91	95	.715	.760	.746	.669	.737	.693
" 17,.....	76	73	87	95	84	91	.728	.791	.772	.754	.783	.697
" 18,.....	81	79	83	97	93	88	.748	.737	.699	.716	.703	.618
" 19,.....	72	82	84	92	85	87	.684	.723	.743	.664	.641	.615
" 20,.....	76	82	93	98	90	97	.785	.763	.822	.714	.742	.718
" 21,.....	84	84	93	97	96	97	.774	.759	.797	.723	.725	.716
" 22,.....	86	89	94	97	98	93	.833	.827	.841	.755	.815	.725
" 23,.....	81	83	88	97	94	95	.769	.763	.766	.743	.757	.717
" 24,.....	77	77	84	95	88	88	.724	.715	.727	.698	.700	.659
" 25,.....	83	82	85	96	92	96	.750	.743	.746	.722	.709	.710
" 26,.....	90	92	95	89	97	97	.790	.827	.843	.691	.736	.720
" 27,.....	73	75	82	97	95	96	.799	.844	.807	.772	.770	.715
" 28,.....	72	69	85	99	98	95	.820	.795	.839	.800	.845	.786
" 29,.....	75	67	78	99	93	93	.867	.831	.827	.823	.802	.777
" 30,.....	87	91	87	97	93	97	.861	.786	.785	.786	.705	.743
" 31,.....	54	68	76	81	80	89	.587	.671	.666	.613	.669	.669
Mean, ...	76	79	87	93	90	93	0.697	0.715	0.729	0.678	0.693	0.663

TABLE XII.

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.	Direct
1887.												
May 1, ...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	ESE	10	sm-cum. / cum.	WSW / SE
„ 2, ...	10	cum-nim.	E	10	cum-nim.	E	10	R-cum.	SSW	10	R-cum.	SSW
„ 3, ...	10	cum-nim.	...	10	cum-nim.	E	10	cum. / nim.	W / E	10	nim.	ENE
„ 4, ...	10	sm-cum. / cum.	E	10	cum.	E	10	sm-cum. / cum.	WNW / E	10	str-cum. / cum.	NW / E
„ 5, ...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	R-cum.	E
„ 6, ...	0	...	...	0	...	...	10	cum.	W	7	sm-cum. / cum.	NNW / SW
„ 7, ...	10	cum.	SW	10	cum.	SSE	10	cum.	SSE	10	str-cum. / cum.	SSE / SSE
„ 8, ...	10	nim.	E	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E
„ 9, ...	10	cum-nim.	...	2	cum.	ENE	5	sm-cum. / cum.	SSW / NE	5	sm-cum. / cum.	WNW / S
„ 10, ...	2	c-cum. / cum.	W / S	7	cum.	S	5	sm-cum. / cum.	W / S	1	cum.	W
„ 11, ...	9	sm-cum. / cum.	WSW / NE	10	cum.	ENE	10	nim.	ENE	10	R-cum.	ENE
„ 12, ...	10	nim.	...	10	nim.	E	10	nim.	E	10	sm-cum. / cum.	NW / WSW
„ 13, ...	10	R-cum.	ESE	7	R-cum.	E	9	sm-cum. / cum.	NNW / WNW	8	sm-cum.	NNW
„ 14, ...	10	sm-cum.	NNE	10	sm-cum.	NE	7	sm-cum.	ENE	6	c-str.	NNW
„ 15, ...	10	c-str. / cum-nim.	NE	10	cum.	NE	10	cum. / R-cum.	ESE	10	cum. / R-cum.	SSE / ESE
„ 16, ...	10	cum.	...	10	cum.	E	10	cum.	E	10	cum. / cum.	S / E
„ 17, ...	0	...	...	5	cum.	E	7	cum. / cum.	NNE / E	2	cum. / cum.	NNE / E
„ 18, ...	1	str.	...	9	cum.	E	10	cum.	E	7	cum. / cum.	E / ENE
„ 19, ...	10	nim.	...	10	nim.	E	10	R-cum.	E	10	sm-cum. / R-cum.	E
„ 20, ...	6	str.	...	10	cum.	E	10	sm-cum. / cum.	E / ENE	9	cum. / cum.	ESE / ENE
„ 21, ...	10	cum-nim.	...	10	cum-nim.	...	10	nim.	E	10	R-cum.	E
„ 22, ...	10	cum.	...	10	cum-nim.	...	10	cum-nim.	E	10	R-cum.	ES
„ 23, ...	10	cum.	...	10	cum.	...	10	cum. / nim.	ESE	10	R-cum.	ES
„ 24, ...	10	cum-nim.	...	10	cum-nim.	E	10	cum. / cum.	SSW / ESE	9	cum. / cum.	SS / E
„ 25, ...	4	cum.	E	6	cum.	E	9	cum. / R-cum.	SE / E	10	cum. / R-cum.	SS / ESE
„ 26, ...	10	cum-nim.	...	10	cum-nim.	E	10	cum-nim.	ESE	10	nim.	SS
„ 27, ...	10	cum.	...	9	cum.	SSW	9	c-str. / cum.	NNE / SW	7	c-str. / cum.	NNE / SW
„ 28, ...	8	cum.	SW	9	cum.	SW	5	c-cum. / cum.	N / SW	7	c-str. / cum. / cum.	S / S
„ 29, ...	3	cum.	SW	9	cum.	SSW	7	cum.	SSW	5	cum.	SS
„ 30, ...	8	cum.	SW	10	cum-nim.	SW	10	str. / cum-nim.	SW	10	nim.	SS
„ 31, ...	9	cum.	...	8	cum.	W	10	str-cum.	WNW	10	str-cum.	W
Mean, ...	8.1	...	...	8.7	...	...	9.1	...	...	8.5	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
May 1,.....	10	cum. / cum-nim.	WSW / SE	10	cum. / cum-nim.	WSW / E	10	cum. / cum.	SE	10	cum-nim.	...	10.0
„ 2,.....	10	str. / cum-nim.	SSW	10	nim.	SSW	10	cum-nim.	SW	10	nim.	SW	10.0
„ 3,.....	10	cum. / cum.	W / E	10	str. / cum.	WNW / ESE	10	sm-cum. / cum-nim.	W / ESE	8	sm-cum. / cum.	WNW / ESE	9.7
„ 4,.....	7	sm-cum. / cum.	WNW / E	2	sm-cum.	WNW	0	...	...	8	cum.	E	7.1
„ 5,.....	10	str-cum. / R-cum.	WNW / E	10	cum. / cum.	W / ESE	10	cum.	NW	1	cum.	WNW	8.9
„ 6,.....	10	cum. / R-cum.	NW / SW	9	sm-cum. / cum.	WNW / SW	5	c-cum. / cum.	WNW /	8	c-cum.	WNW	6.1
„ 7,.....	10	cum. / cum.	NW / SSE	10	cum. / nim.	SE	10	cum-nim.	ESE	10	cum-nim.	E	10.0
„ 8,.....	10	cum-nim.	...	10	str. / cum-nim.	E	8	sm-cum. / cum-nim.	E	10	cum-nim.	E	9.8
„ 9,.....	3	c-str. / cum.	S	1	cum.	S	0	...	...	0	...	...	3.2
„ 10,.....	2	cum.	W	1	c-str. / cum.	W	2	c-str. / cum.	...	7	c-cum. / cum.	NW / NNE	3.4
„ 11,.....	10	nim.	ENE	10	sm-cum. / cum.	NW / ENE	10	sm-cum.	NW	10	cum.	...	9.9
„ 12,.....	10	cum. / cum.	NNW / WSW	10	sm-cum. / cum.	NW / W	10	sm-cum.	NNW	10	str-cum.	...	10.0
„ 13,.....	9	sm-cum.	NNW	10	str-cum.	N	10	cum.	...	10	cum.	E	9.1
„ 14,.....	8	c-str.	NNW	7	c-str. / sm-cum. / cum.	N / S / S	10	cum-nim.	E	10	nim.	...	8.5
„ 15,.....	10	sm-cum. / cum.	WSW / ESE	10	sm-cum. / cum.	W / ESE	8	cum.	ESE	10	cum.	ESE	9.8
„ 16,.....	9	sm-cum. / cum.	W / ESE	10	sm-cum. / cum.	W / ESE	3	sm-cum.	W	0	...	...	7.8
„ 17,.....	1	c-cum. / cum.	W / ESE	1	cum.	...	0	...	...	0	...	...	2.0
„ 18,.....	8	cum.	ENE	9	cum.	ENE	10	cum.	E	10	cum-nim.	E	8.0
„ 19,.....	10	sm-cum. / cum.	E	10	cum. / cum.	ENE	10	R-cum.	E	10	str-cum.	...	10.0
„ 20,.....	9	cum. / nim.	ESE / ENE	10	cum.	E	10	cum.	E	10	nim.	...	9.2
„ 21,.....	10	R-cum.	E	7	c-cum. / cum. / cum.	WSW / SE / E	10	R-cum.	E	10	R-cum.	E	9.6
„ 22,.....	10	cum.	ESE	10	cum-nim.	ESE	10	R-cum.	ESE	10	R-cum.	E	10.0
„ 23,.....	10	cum. / cum.	WSW / ESE	7	cum. / cum.	SSE / ESE	2	cum.	ESE	2	cum.	E	7.6
„ 24,.....	6	cum.	SSW	1	sm-cum. / cum.	...	1	cum.	...	1	cum.	...	6.0
„ 25,.....	10	cum. / cum.	SSE / ESE	9	cum. / cum.	SSE / ESE	10	R-cum.	ESE	10	cum-nim.	ESE	8.5
„ 26,.....	10	nim.	S	10	cum. / nim.	SW / SSE	2	sm-cum. / cum.	NW / SSE	3	cum.	SSE	8.1
„ 27,.....	8	c-str. / sm-cum. / cum.	NNE / W / WSW	10	c-str. / sm-cum. / cum.	NNE / .... / SW	7	sm-cum. / R-cum.	NNE / SW	1	cum.	SW	7.6
„ 28,.....	7	c-str. / cum.	NNE / SW	10	c-str. / cum.	NNE / SW	9	c-str. / cum.	SW	7	c-str. / cum.	SSW	7.7
„ 29,.....	7	cum.	SSW	6	c-str. / cum.	NNE / SSW	8	R-cum.	SSW	9	R-cum.	SSW	6.8
„ 30,.....	10	cum-nim.	SW	10	nim.	SW	10	str. / cum.	W	10	str-cum.	NNE	9.8
„ 31,.....	10	str-cum.	W	10	str-cum.	WNW	3	c-cum.	WNW	1	c-cum.	W	7.6
Mean,.....	8.5	...	...	8.1	...	...	7.0	...	...	7.0	...	...	8.1

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
May 1,	...	1	...	...
„ 2,	0.110	10	0.15	0.33
„ 3,	0.045	3	...	0.56
„ 4,	0.010	1	...	...
„ 5,	...	...	...	...
„ 6,	...	...	...	...
„ 7,	0.060	6	0.08	...
„ 8,	...	...	...	0.22
„ 9,	0.005	...	...	...
„ 10,	0.040	3	0.06	...
„ 11,	0.060	6	...	...
„ 12,	...	...	...	...
„ 13,	...	...	...	...
„ 14,	0.025	3	...	...
„ 15,	...	...	...	...
„ 16,	...	...	...	...
„ 17,	...	...	...	...
„ 18,	0.070	5	...	...
„ 19,	...	...	...	...
„ 20,	0.005	2	...	...
„ 21,	...	...	...	...
„ 22,	...	1	...	...
„ 23,	...	...	...	...
„ 24,	...	...	...	...
„ 25,	0.025	3	...	...
„ 26,	0.480	6	0.74	0.41
„ 27,	...	...	...	...
„ 28,	...	...	...	...
„ 29,	0.540	3	0.15	1.02
„ 30,	0.570	4	1.12	...
„ 31,	...	...	...	...
Total,	2.015	57	2.30	2.54

W. Doberck,
Government Astronomer.

Hongkong Observatory, 15th June, 1887.

HONGKONG OBSERVATORY.

Weather Report for June, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock.

It was hazy with extreme dryness of the air on the 1st.

Dew fell on the evenings of the 4th and 30th.

Lightning was seen on the evenings of the 8th, 10th, 14th, 17th, and during the night between the 28th and 29th.

Thunder was heard about mid-day on the 3rd, on the evening of the 10th, and on the early morning of the 12th.

Solar halos were noted on the 4th, 6th, 15th, 16th, 17th, 18th, 21st, 22nd, 23rd, 24th, 25th, 26th and 29th.

Lunar halos were observed on the 3rd, 4th, 5th, 26th and 30th.

Lunar coronas were noted on the 4th and 7th.

A Rainbow was seen on the 8th and 9th at 7 a.

Unusual visibility was noted on the 6th, 8th, 21st, 27th, 28th, 29th and 30th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	—	—	—
NE	326	18	18.1
E	1868	131	14.3
SE	509	43	11.8
S	3322	304	10.9
SW	2419	184	13.1
W	221	29	7.6
NW	7	1	7.0
Calm	7	10	0.7

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JUNE, 1887.

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, ...	29.746	29.722	29.727	29.726	29.732	29.745	29.763	29.778	29.779	29.788	29.786	29.783	29.764	29.731	29.714	29.700	29.700	29.708	29.722	29.735	29.755	29.787	29.793	29.774	29.748
„ 2, ...	.760	.738	.722	.717	.722	.746	.778	.795	.804	.798	.807	.791	.781	.772	.754	.752	.748	.753	.771	.805	.805	.821	.817	.802	.773
„ 3, ...	.787	.769	.767	.755	.764	.778	.793	.806	.816	.818	.809	.798	.799	.777	.753	.731	.723	.730	.728	.754	.767	.776	.778	.752	.772
„ 4, ...	.727	.713	.708	.705	.705	.715	.726	.740	.743	.743	.739	.726	.702	.674	.650	.632	.631	.636	.648	.666	.668	.680	.682	.669	.693
„ 5, ...	.655	.649	.640	.637	.637	.650	.661	.660	.673	.673	.667	.655	.639	.605	.585	.571	.576	.577	.584	.612	.628	.636	.631	.623	.630
„ 6, ...	.618	.621	.620	.619	.623	.635	.643	.652	.658	.667	.653	.636	.621	.600	.583	.568	.565	.572	.587	.604	.617	.647	.649	.633	.620
„ 7, ...	.628	.629	.633	.630	.632	.645	.665	.676	.693	.695	.698	.693	.668	.651	.633	.630	.620	.620	.627	.644	.669	.685	.693	.684	.656
„ 8, ...	.670	.664	.656	.651	.656	.653	.666	.682	.695	.691	.701	.688	.667	.641	.619	.609	.607	.612	.629	.650	.657	.663	.674	.661	.657
„ 9, ...	.640	.621	.618	.614	.616	.618	.631	.638	.643	.649	.650	.647	.635	.621	.613	.603	.603	.623	.636	.643	.659	.680	.685	.683	.636
„ 10, ...	.666	.658	.660	.668	.666	.684	.693	.706	.718	.720	.726	.706	.700	.678	.670	.648	.646	.651	.663	.677	*.694	.711	.720	.704	.685
„ 11, ...	.685	.671	.671	.668	.669	.682	.698	.705	.715	.710	.714	.700	.682	.673	.655	.643	.632	.634	.643	.672	.684	.700	.691	.684	.678
„ 12, ...	.666	.640	.637	.636	.648	.654	.660	.665	.676	.678	.677	.664	.643	.619	.610	.596	.587	.592	.597	.601	.616	.630	.633	.622	.635
„ 13, ...	.609	.590	.585	.580	.584	.597	.624	.628	.638	.636	.636	.619	.609	.587	.581	.573	.568	.576	.586	.597	.610	.621	.624	.609	.603
„ 14, ...	.596	.582	.579	.582	.597	.610	.622	.636	.645	.641	.637	.632	.606	.592	.586	.565	.567	.572	.578	.598	.607	.620	.615	.608	.603
„ 15, ...	.595	.585	.581	.583	.589	.602	.624	.645	.655	.658	.643	.627	.612	.592	.570	.546	.544	.544	.553	.562	.576	.583	.576	.565	.592
„ 16, ...	.556	.542	.534	.528	.541	.551	.561	.573	.583	.588	.570	.556	.539	.525	.525	.506	.510	.507	.523	.533	.537	.557	.557	.541	.543
„ 17, ...	.529	.526	.524	.532	.531	.556	.574	.586	.600	.601	.588	.579	.570	.560	.549	.543	.548	.556	.574	.601	.625	.657	.657	.645	.575
„ 18, ...	.628	.620	.614	.623	.627	.649	.664	.674	.689	.694	.686	.688	.679	.663	.653	.658	.665	.669	.687	.702	.719	.746	.751	.740	.674
„ 19, ...	.725	.710	.712	.711	.715	.740	.760	.767	.779	.774	.766	.751	.733	.707	.695	.689	.683	.684	.694	.712	.733	.750	.750	.749	.729
„ 20, ...	.739	.727	.722	.714	.709	.707	.714	.721	.729	.731	.731	.719	.714	.693	.684	.666	.660	.661	.665	.672	.689	.699	.699	.688	.702
„ 21, ...	.677	.663	.660	.647	.648	.661	.675	.677	.677	.671	.670	.666	.646	.635	.619	.609	.597	.599	.622	.635	.637	.653	.653	.647	.648
„ 22, ...	.635	.621	.620	.618	.625	.639	.668	.685	.695	.695	.696	.688	.681	.659	.639	.630	.620	.617	.619	.639	.661	.679	.688	.681	.654
„ 23, ...	.676	.671	.667	.672	.685	.693	.713	.714	.724	.721	.720	.715	.704	.693	.681	.669	.672	.670	.679	.696	.712	.722	.727	.717	.696
„ 24, ...	.714	.710	.693	.689	.688	.705	.718	.733	.733	.736	.732	.726	.720	.701	.692	.671	.667	.671	.673	.694	.712	.714	.718	.705	.705
„ 25, ...	.688	.682	.679	.692	.698	.716	.727	.728	.734	.731	.719	.711	.684	.668	.644	.629	.631	.631	.634	.641	.656	.676	.678	.668	.681
„ 26, ...	.654	.644	.645	.657	.666	.691	.699	.698	.704	.698	.690	.681	.667	.662	.642	.631	.626	.625	.632	.648	.660	.669	.675	.665	.664
„ 27, ...	.664	.652	.656	.663	.667	.681	.695	.702	.704	.703	.702	.697	.684	.675	.665	.658	.650	.648	.650	.664	.668	.689	.691	.689	.676
„ 28, ...	.685	.682	.680	.686	.687	.708	.726	.731	.739	.743	.739	.727	.707	.690	.678	.669	.651	.658	.671	.678	.692	.699	.695	.679	.696
„ 29, ...	.667	.650	.648	.652	.652	.673	.685	.685	.685	.679	.671	.649	.633	.614	.597	.589	.587	.596	.621	.628	.631	.638	.635	.619	.641
„ 30, ...	.607	.601	.599	.600	.613	.627	.635	.643	.639	.648	.631	.621	.587	.577	.574	.578	.579	.587	.593	.610	.626	.638	.642	.639	.612
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	29.663	29.652	29.649	29.648	29.653	29.667	29.682	29.691	29.699	29.699	29.695	29.685	29.669	29.651	29.637	29.625	29.622	29.626	29.636	29.652	29.666	29.681	29.683	29.672	29.663

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF JUNE, 1887.

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,	73.8	73.4	73.3	73.5	73.6	75.4	77.8	79.7	81.6	82.2	82.9	84.0	84.8	85.7	83.7	82.4	81.7	80.3	78.9	78.9	78.4	78.1	77.0	76.4	79.1	86.3	73.3
„ 2,	76.1	75.1	75.3	75.1	74.5	75.0	75.7	76.0	75.6	77.4	76.4	77.6	77.1	77.0	76.7	76.1	76.0	76.1	75.0	76.0	75.7	75.7	75.1	75.5	75.9	77.7	74.3
„ 3,	75.6	76.0	76.2	75.9	75.3	76.2	77.0	78.4	79.8	81.1	79.6	79.5	78.2	76.7	77.1	77.6	78.6	78.1	77.3	77.4	77.0	76.3	76.2	76.0	77.4	81.7	75.1
„ 4,	76.3	75.9	76.1	75.9	75.9	76.0	75.8	74.8	76.7	78.5	78.1	78.4	79.2	81.5	82.7	82.3	80.9	79.1	78.0	78.3	77.5	77.1	77.5	77.0	77.9	83.9	74.5
„ 5,	77.2	78.3	78.2	78.1	77.1	77.7	79.5	82.2	83.4	82.7	83.7	82.1	85.5	84.9	84.7	84.0	81.6	81.0	79.8	79.5	79.3	79.2	79.3	79.1	80.8	85.5	77.0
„ 6,	79.1	79.4	79.2	79.1	79.4	78.9	80.2	82.0	84.1	82.1	84.1	86.9	85.3	85.6	84.9	83.9	83.3	82.0	80.5	79.9	79.6	79.2	79.4	80.4	81.6	86.9	78.3
„ 7,	79.7	79.7	79.4	79.6	77.8	77.8	78.9	81.5	83.2	81.0	80.9	82.1	83.3	82.9	81.8	81.9	81.4	80.3	79.7	79.5	79.2	79.0	79.0	78.9	80.4	83.3	77.7
„ 8,	78.8	79.0	79.0	79.0	78.0	78.4	78.0	79.9	80.2	82.8	79.8	83.9	84.0	83.7	84.0	83.6	82.9	81.3	80.6	80.1	79.8	80.1	80.3	80.4	80.7	84.0	78.0
„ 9,	80.0	79.1	79.8	80.2	77.4	79.0	79.6	81.1	81.9	77.9	78.3	80.2	82.0	80.3	81.0	80.1	79.3	79.4	78.2	78.0	78.7	78.7	77.2	78.3	79.4	82.0	76.6
„ 10,	78.2	78.7	77.6	77.9	78.1	79.8	81.0	80.9	79.1	83.8	83.8	85.6	85.0	84.3	84.3	83.8	82.9	82.1	81.8	78.7	76.9	77.1	78.3	80.1	80.8	86.4	76.1
„ 11,	80.9	81.0	80.7	77.7	78.9	80.1	81.7	83.2	83.9	83.7	84.3	84.1	84.5	85.9	85.3	84.9	83.4	82.0	81.2	80.3	81.2	81.2	81.6	78.9	82.1	86.7	77.7
„ 12,	78.0	80.0	80.8	78.1	78.8	79.7	79.8	82.1	82.7	83.2	83.3	83.6	83.8	84.0	83.2	82.8	83.0	81.9	81.8	81.9	81.6	81.4	81.8	81.6	81.6	84.4	77.8
„ 13,	81.3	80.2	80.3	81.0	81.3	81.8	82.9	82.7	83.7	83.0	84.3	85.7	85.5	85.3	85.8	85.0	83.8	82.4	82.1	81.4	82.4	82.1	82.4	82.7	82.9	86.3	80.1
„ 14,	81.7	82.0	81.6	82.1	81.7	82.6	82.7	82.8	82.8	83.9	83.3	83.9	85.9	84.6	84.0	84.0	83.4	82.4	82.2	82.5	82.2	82.1	81.8	82.1	82.8	85.9	81.2
„ 15,	81.4	81.4	80.7	80.2	81.0	81.0	82.1	83.1	84.2	84.3	84.4	84.1	84.9	84.1	84.5	85.4	83.9	83.1	82.3	82.1	80.7	81.7	81.3	81.5	82.6	85.8	79.9
„ 16,	81.8	81.2	81.5	81.4	81.6	82.1	82.9	83.2	83.6	84.2	85.3	85.9	85.4	84.2	84.5	84.0	83.7	83.1	82.1	82.3	82.3	82.1	82.3	82.0	83.0	85.9	81.0
„ 17,	82.2	82.5	82.3	82.1	82.1	82.7	82.9	82.9	83.7	83.1	84.0	85.1	83.1	84.9	83.8	84.8	83.7	82.9	82.1	81.8	81.6	81.7	81.7	82.0	82.9	85.1	81.1
„ 18,	82.0	81.5	81.4	81.3	81.1	81.4	82.5	83.9	84.8	83.1	84.4	83.9	84.8	84.4	86.1	84.5	83.8	82.8	81.8	81.5	81.3	81.9	81.7	81.7	82.8	86.1	81.0
„ 19,	81.1	81.0	81.2	81.2	81.0	81.4	82.7	82.5	84.8	81.4	80.7	83.8	84.1	86.8	86.7	84.2	83.9	83.0	81.9	81.4	81.5	81.3	81.2	81.4	82.5	86.9	79.8
„ 20,	81.1	80.6	80.5	80.5	80.5	80.7	82.7	83.1	85.0	85.9	85.5	85.1	86.9	86.0	82.7	83.8	81.0	83.7	82.0	81.7	81.0	81.1	81.6	80.9	82.6	86.9	80.1
„ 21,	81.0	81.3	81.1	81.3	81.1	81.2	82.2	82.8	85.3	84.8	85.7	86.2	86.8	87.1	87.7	84.9	84.5	82.3	82.0	81.6	81.4	81.4	81.1	81.2	83.2	87.7	80.2
„ 22,	80.9	81.2	81.6	80.9	79.3	80.8	81.5	83.1	82.6	84.9	86.7	85.2	84.4	84.8	85.9	85.5	84.3	83.6	82.3	82.0	82.0	81.9	82.0	81.1	82.9	86.7	78.7
„ 23,	81.1	81.0	81.1	80.5	80.7	80.7	81.3	82.0	83.9	85.3	83.4	84.6	84.8	85.0	83.4	84.8	83.8	84.0	82.6	82.5	82.5	82.5	82.2	81.7	82.7	86.2	77.7
„ 24,	82.2	82.1	82.0	82.6	81.5	82.4	81.2	82.6	83.9	85.0	85.1	86.9	86.8	86.1	86.4	85.3	84.2	83.9	82.7	81.8	82.0	82.1	81.2	81.7	83.4	87.3	80.9
„ 25,	81.3	81.3	81.3	80.2	80.4	77.9	79.9	82.0	84.0	84.4	84.2	84.8	86.7	85.4	86.1	84.7	84.2	83.1	82.1	81.7	81.3	82.1	81.8	81.5	82.6	86.7	77.7
„ 26,	81.4	81.7	81.7	81.0	80.6	82.2	82.0	83.1	84.1	84.5	85.5	86.3	87.7	87.6	86.6	85.5	84.7	82.9	82.0	81.3	81.0	80.7	81.3	79.8	83.1	87.7	79.8
„ 27,	81.0	80.8	81.2	81.2	80.9	81.7	82.3	84.0	85.0	84.3	86.3	86.9	87.1	86.9	86.9	84.9	84.6	83.5	82.5	81.9	81.6	81.4	80.7	80.4	83.3	88.0	79.8
„ 28,	80.1	79.9	80.1	80.5	80.3	80.8	82.1	83.2	84.8	85.0	85.7	87.0	86.9	87.1	86.3	86.7	85.2	83.6	82.2	80.7	81.5	81.1	81.1	79.9	83.0	87.1	79.9
„ 29,	80.3	80.2	80.0	80.1	80.5	80.8	81.8	82.3	83.9	84.4	85.9	86.5	87.5	88.0	89.0	86.8	85.0	84.0	82.0	81.2	80.5	81.1	79.4	79.4	82.9	89.0	79.4
„ 30,	79.8	79.6	79.1	79.2	79.4	79.7	81.6	82.9	83.0	84.8	85.9	86.7	87.1	88.1	87.0	86.7	85.3	83.3	82.0	81.4	81.0	80.3	79.8	79.3	82.6	88.1	79.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	79.8	79.8	79.8	79.6	79.3	79.9	80.7	81.8	82.8	83.1	83.4	84.2	84.6	84.6	84.4	83.8	82.9	82.0	81.1	80.6	80.4	80.4	80.2	80.1	81.6	85.7	78.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JUNE, 1887.

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.	Sun.	Rad.
June 1,	70.4	68.5	68.1	68.0	66.2	65.3	68.6	68.2	64.8	66.1	65.5	63.9	64.9	64.2	65.9	64.6	63.6	65.8	68.0	66.5	66.6	67.1	68.5	69.3	66.6	141.9	69.5
„ 2,	70.5	71.5	72.3	72.4	71.5	72.3	72.9	72.2	73.6	74.5	73.1	73.8	73.6	73.4	73.2	73.1	73.3	73.3	72.7	72.8	72.9	73.3	73.4	73.2	72.9	126.8	73.1
„ 3,	73.3	73.3	73.3	73.2	72.9	73.2	74.1	74.5	75.4	76.7	75.9	75.3	74.7	74.4	74.4	74.9	75.7	75.7	75.3	75.4	75.4	74.9	74.8	74.7	74.6	143.7	73.1
„ 4,	74.6	74.5	74.6	74.7	74.8	75.4	75.1	73.8	75.1	75.8	75.7	75.5	76.4	77.0	77.1	76.1	74.9	75.2	74.8	75.4	75.0	74.9	75.0	75.0	75.3	142.1	74.3
„ 5,	74.9	75.6	74.8	75.5	74.7	75.7	77.1	77.2	76.7	76.1	77.4	76.4	77.4	77.0	77.6	78.0	76.9	76.7	76.4	76.3	76.1	75.9	76.1	76.3	76.4	145.1	73.6
„ 6,	76.2	76.0	76.0	76.0	75.8	75.9	75.6	76.1	77.1	77.3	75.8	78.1	78.2	78.3	78.0	77.4	77.8	77.6	77.0	76.8	76.7	76.6	76.2	76.2	76.8	144.9	75.6
„ 7,	75.8	76.1	76.3	76.1	76.0	75.9	77.3	76.9	77.5	77.6	77.4	78.2	77.6	77.6	77.5	77.8	77.4	77.5	76.7	76.9	76.9	76.4	76.0	76.3	76.9	144.4	76.0
„ 8,	75.9	75.7	76.0	75.9	75.7	75.5	76.6	77.4	77.4	77.7	75.8	78.4	77.1	77.4	77.3	76.4	76.3	76.5	76.6	77.3	76.1	76.2	76.2	76.4	76.6	145.5	76.1
„ 9,	76.0	76.0	75.8	75.4	75.7	75.7	76.6	77.4	77.1	76.3	75.5	76.7	77.6	77.4	77.1	77.1	76.4	76.5	76.9	76.5	76.8	76.9	75.5	75.7	76.4	141.7	74.3
„ 10,	75.8	75.8	76.0	75.9	76.7	76.8	77.4	77.3	76.4	77.7	77.8	77.7	76.8	78.2	76.9	77.3	77.1	76.7	76.8	75.9	75.0	75.2	76.4	77.1	76.7	148.2	74.8
„ 11,	76.6	76.4	76.2	75.1	76.0	75.8	76.7	77.5	77.5	77.8	78.0	77.4	78.4	79.5	78.8	78.1	77.9	77.6	76.6	76.7	76.8	77.0	77.1	75.1	77.1	149.2	74.1
„ 12,	74.7	76.6	77.0	76.1	75.8	76.7	76.9	77.8	77.9	77.7	78.2	77.7	77.6	77.8	77.9	77.3	77.6	76.7	77.2	77.0	77.2	77.1	77.1	77.2	77.1	119.8	74.9
„ 13,	77.2	76.1	76.7	76.9	77.3	77.4	77.8	77.1	77.5	77.9	78.2	78.6	78.2	78.4	78.6	78.7	77.3	77.0	77.5	76.8	77.5	76.9	76.9	76.9	77.5	148.1	76.9
„ 14,	76.6	77.0	76.7	77.0	77.0	77.5	77.8	78.2	78.0	78.5	77.8	77.9	78.9	78.6	78.2	78.5	77.4	77.5	77.7	77.7	77.7	77.9	77.5	77.6	77.7	138.2	78.3
„ 15,	77.5	77.6	77.2	77.0	77.4	77.5	78.0	78.3	79.0	79.1	78.5	77.9	78.9	78.7	78.7	79.2	78.2	77.7	77.3	77.5	77.7	78.1	77.6	77.7	78.0	131.3	77.3
„ 16,	76.7	76.6	76.9	*77.1	*77.2	*77.4	†77.6	77.6	77.7	78.5	79.3	78.5	78.8	78.8	78.4	78.5	78.8	78.7	77.8	78.1	78.1	78.3	78.2	78.2	78.0	150.1	79.7
„ 17,	78.3	78.0	77.8	77.7	78.0	77.6	77.6	78.1	79.0	79.5	78.3	79.3	78.3	79.2	78.8	78.4	77.8	77.9	77.8	78.2	78.4	78.5	78.8	78.4	78.3	137.2	77.5
„ 18,	78.6	78.3	78.0	77.7	77.6	77.2	77.4	77.5	77.7	78.6	77.8	78.3	78.9	78.3	79.5	77.7	78.0	77.5	77.6	77.6	77.6	77.4	77.6	77.7	77.9	136.3	78.2
„ 19,	77.6	77.5	77.7	77.1	77.6	77.6	78.0	78.1	78.2	76.7	76.3	77.9	78.2	78.5	79.6	77.6	78.3	77.6	77.2	77.0	77.2	77.3	77.3	77.1	77.6	146.7	76.7
„ 20,	77.1	76.9	76.6	76.8	77.1	77.2	78.0	77.7	79.4	77.8	78.1	78.7	79.0	78.5	78.4	77.8	77.2	77.4	77.0	77.2	77.3	77.4	77.2	76.9	77.6	146.3	77.0
„ 21,	76.5	77.1	75.8	76.1	76.7	76.8	77.1	76.5	78.0	77.4	77.8	77.1	76.4	77.9	78.6	77.7	77.9	77.5	76.8	77.0	76.8	77.0	77.0	76.7	77.1	146.0	76.1
„ 22,	76.6	76.9	76.8	76.9	76.9	77.2	77.9	76.7	77.5	77.5	79.3	77.9	77.0	77.5	79.0	78.0	77.8	77.2	76.9	76.7	77.0	76.9	77.4	77.4	77.4	138.7	76.5
„ 23,	76.8	77.0	76.7	76.8	76.3	77.2	76.8	77.5	78.7	78.5	78.2	78.3	77.7	78.5	77.4	78.3	78.2	78.3	77.8	77.6	77.4	77.4	77.6	77.4	77.6	147.6	76.4
„ 24,	77.0	77.3	77.5	77.9	77.3	77.9	77.8	78.0	77.9	79.4	78.8	79.9	78.8	78.5	78.7	78.7	78.4	78.2	77.2	77.3	77.5	77.4	77.3	77.6	78.0	145.8	77.1
„ 25,	77.5	77.8	77.5	77.5	77.2	76.5	77.7	78.3	78.1	77.6	77.7	77.0	79.0	77.9	78.7	77.1	77.6	77.6	77.3	77.1	76.9	76.9	76.6	75.9	77.5	144.6	75.2
„ 26,	76.4	76.4	76.5	76.7	76.1	76.9	76.8	77.5	77.8	77.6	76.7	78.0	77.7	78.6	78.4	78.0	77.8	76.8	76.0	76.0	76.6	76.8	76.9	76.3	77.1	143.3	76.0
„ 27,	76.9	76.6	76.7	76.6	76.9	77.3	77.4	77.7	77.5	77.5	78.3	77.7	77.2	77.3	77.2	76.8	76.4	76.5	76.3	76.1	76.7	76.5	76.9	76.9	77.0	146.8	76.0
„ 28,	77.0	77.3	77.1	77.0	77.2	77.4	78.4	78.7	77.4	78.4	77.4	78.6	77.2	78.1	76.5	76.9	76.5	76.5	76.5	75.5	76.6	76.4	76.8	76.5	77.2	143.2	75.9
„ 29,	77.1	76.3	76.4	76.7	77.1	77.7	77.6	77.5	77.8	77.6	78.6	77.0	77.1	77.4	78.5	77.8	75.8	76.3	76.4	76.4	76.3	76.3	75.8	75.6	77.0	144.5	76.1
„ 30,	76.6	76.0	76.0	76.1	76.3	76.5	77.6	77.7	77.1	76.7	77.2	76.1	77.7	77.3	77.6	77.2	76.3	75.6	75.7	75.7	76.3	76.2	76.0	75.9	76.6	143.8	73.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	76.1	76.1	76.0	76.0	76.0	76.2	76.7	76.8	77.0	77.2	77.0	77.1	77.2	77.3	77.4	77.0	76.7	76.6	76.4	76.3	76.4	76.4	76.4	76.3	76.6	142.4	75.7

* Interpolated. † Approximate reading.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JUNE, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	84	0.854	June 1,.....	49	0.487
2 „	84	.854	„ 2,.....	86	.770
3 „	83	.850	„ 3,.....	87	.821
4 „	85	.853	„ 4,.....	89	.843
5 „	86	.856	„ 5,.....	80	.851
6 „	84	.857	„ 6,.....	80	.858
7 „	83	.868	„ 7,.....	85	.879
8 „	79	.858	„ 8,.....	83	.862
9 „	76	.853	„ 9,.....	87	.870
10 „	75	.858	„ 10,.....	83	.865
11 „	73	.844	„ 11,.....	79	.865
Noon.	72	.838	„ 12,.....	81	.871
1 p	70	.838	„ 13,.....	77	.872
2 „	71	.842	„ 14,.....	79	.882
3 „	72	.849	„ 15,.....	81	.898
4 „	72	.839	„ 16,.....	79	.893
5 „	74	.838	„ 17,.....	81	.908
6 „	77	.847	„ 18,.....	79	.891
7 „	79	.849	„ 19,.....	79	.882
8 „	81	.852	„ 20,.....	79	.881
9 „	82	.859	„ 21,.....	75	.850
10 „	82	.859	„ 22,.....	77	.867
11 „	83	.862	„ 23,.....	79	.879
Midt.	83	.859	„ 24,.....	77	.887
			„ 25,.....	79	.876
			„ 26,.....	75	.851
			„ 27,.....	74	.844
			„ 28,.....	76	.857
			„ 29,.....	75	.849
			„ 30,.....	75	.836
			.....	...	...
Mean, ...	79	0.851	Mean,.....	79	0.851

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.
1887.														
June 1,	...	...	0.8	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	...	9.6
„ 2,	...	...	...	...	...	...	0.2	...	...	...	...	...	...	0.2
„ 3,	0.2	0.9	0.7	1.0	0.8	0.6	0.1	...	...	0.1	...	...	...	4.4
„ 4,	...	...	...	...	...	...	...	0.6	0.9	0.9	0.9	0.1	...	3.4
„ 5,	0.1	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.7	0.4	10.9
„ 6,	...	0.2	1.0	0.9	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	10.0
„ 7,	...	0.2	1.0	1.0	0.2	0.5	0.8	0.8	0.9	0.4	1.0	1.0	0.7	8.5
„ 8,	...	...	0.1	0.6	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	8.3
„ 9,	...	...	0.6	0.7	...	...	...	0.6	0.3	0.5	...	...	...	2.7
„ 10,	...	0.5	0.7	...	0.5	1.0	1.0	1.0	0.9	1.0	1.0	0.1	...	8.0
„ 11,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.3	...	9.7
„ 12,	...	...	...	0.1	0.1	...	...	...	...	...	...	0.5	...	0.7
„ 13,	0.1	0.3	0.6	0.9	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	9.3
„ 14,	...	...	0.1	...	...	...	0.6	0.8	0.7	...	0.3	...	...	2.5
„ 15,	...	0.1	0.2	0.1	0.5	0.5	0.3	0.7	0.3	0.8	1.0	0.2	...	4.7
„ 16,	0.1	0.4	0.3	0.6	0.6	0.9	1.0	0.3	0.1	0.3	...	...	...	4.6
„ 17,	...	...	0.1	0.1	...	0.5	0.7	0.2	0.2	0.5	0.3	0.2	...	2.8
„ 18,	0.2	0.4	0.7	0.8	0.4	0.4	0.2	...	0.2	0.9	1.0	0.9	...	6.1
„ 19,	...	0.1	0.9	1.0	0.1	...	...	0.2	1.0	0.6	0.5	0.9	0.2	5.5
„ 20,	0.1	0.7	1.0	1.0	1.0	1.0	0.8	0.9	0.5	0.2	0.7	0.6	0.5	9.0
„ 21,	...	1.0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	1.0	0.2	10.4
„ 22,	...	0.6	0.9	0.5	0.8	0.8	0.4	0.5	1.0	0.7	0.9	0.8	0.7	8.6
„ 23,	...	0.3	0.2	0.8	0.5	0.3	0.3	0.9	1.0	0.5	0.7	0.5	0.2	6.2
„ 24,	...	0.3	0.3	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	9.9
„ 25,	...	...	0.3	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.7	...	8.9
„ 26,	0.5	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	10.3
„ 27,	...	0.6	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.7	11.0
„ 28,	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
„ 29,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.1
„ 30,	0.4	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	1.9	11.8	18.0	20.7	17.2	20.0	20.1	21.1	21.9	21.0	21.7	17.6	6.6	220.2
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF JUNE, 1887.

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.
June 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	0·145	...	...	...	...	...	0·025	0·005	...	...	...	...	0·010	0·010	0·005	0·200
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	0·015	...	...	...	...	...	...	...	...	...	...	...	0·015
„ 4,	...	...	...	...	...	0·140	0·500	0·205	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·845
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
„ 7,	...	...	...	...	0·065	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·065
„ 8,	...	...	...	...	...	...	0·010	...	0·015	0·015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·040
„ 9,	...	...	...	0·300	0·130	...	0·110	...	0·005	0·005	...	...	...	0·045	...	...	...	...	0·085	...	...	0·060	0·010	0·060	0·810
„ 10,	0·005	...	0·005	...	0·055	...	0·020	0·005	0·185	...	...	...	...	...	...	...	...	...	...	0·325	0·185	0·115	0·005	...	0·905
„ 11,	...	...	0·045	0·250	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·035	0·035	0·365
„ 12,	...	...	...	0·255	0·065	...	0·010	...	0·005	...	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	0·340
„ 13,	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
„ 14,	...	...	...	...	...	...	0·005	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010
„ 15,	...	0·070	0·020	0·035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·125
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	0·025	...	...	...	0·180	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	0·215
„ 18,	...	...	...	...	...	...	...	...	...	0·050	...	0·010	0·030	...	...	...	...	...	...	...	...	...	...	...	0·090
„ 19,	...	...	...	...	...	...	0·215	...	...	0·065	0·055	...	...	...	...	...	...	...	...	...	...	...	...	...	0·335
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·065	0·015	0·010	...	...	...	...	...	...	...	0·090
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	0·110	0.020	...	...	0·075	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020	...	0·225
„ 23,	...	...	...	...	0.070	0·070	...	0·005	...	0·200	...	0·030	...	...	...	...	...	...	...	...	...	...	0·005	...	0·380
„ 24,	...	...	0·005	...	...	0·060	0·110	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·175
„ 25,	...	...	...	...	0.085	0·045	0·070	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·200
„ 26,	...	...	...	0·035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·035
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0·005	0·070	0·075	0·990	0·515	0·315	1·050	0·290	0·395	0·485	0·055	0·040	0·045	0·045	0·065	0·040	0·015	...	0·090	0·325	0·185	0·185	0·085	0·110	5·475

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JUNE, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
June 1	9	3	12	3	10	3	...	1	10	4	8	9	7	10	6	11	7	12	8	16	9	17	7	21	7	23	7	25	7	28	6	24	7	25	6	20	5	24	6	27	6	23	7	21	6	23	6	22	395	16.5
" 2	6	22	6	19	6	22	6	28	6	29	6	23	5	16	5	13	7	11	7	17	6	18	7	21	7	24	6	21	6	22	7	21	6	22	6	24	7	22	6	18	6	19	6	18	7	22	7	17	489	20.4
" 3	7	15	7	16	7	14	7	12	7	9	7	8	7	10	7	11	7	11	7	11	8	16	10	20	4	5	6	7	8	12	8	12	8	10	8	9	8	11	8	9	8	13	8	13	8	9	8	12	275	11.5
" 4	8	11	8	12	8	8	8	9	8	9	9	7	9	5	9	4	6	5	6	7	7	11	7	12	8	13	8	7	16	7	18	6	20	6	20	5	22	5	23	4	23	4	15	4	15	2	15	2	165	6.9
" 5	15	2	15	4	...	1	15	4	15	2	15	2	15	3	15	2	16	6	17	7	17	9	20	9	18	11	20	9	17	8	17	12	15	10	15	7	15	7	15	6	15	4	18	6	16	8	15	8	147	6.1
" 6	15	7	16	8	15	10	15	7	18	6	18	4	18	4	18	5	19	7	17	5	18	9	17	6	18	8	18	10	15	11	15	9	15	9	15	9	15	7	15	5	15	7	15	5	15	7	14	7	172	7.2
" 7	12	5	10	5	7	5	7	5	...	1	7	2	7	3	7	5	7	6	8	14	8	14	8	12	8	14	7	14	7	17	8	19	8	19	8	17	8	16	10	13	9	13	9	13	9	15	9	10	257	10.7
" 8	9	12	8	11	8	9	8	12	9	9	7	6	9	5	12	3	8	6	7	15	6	12	10	12	8	14	10	15	10	13	10	16	10	15	9	15	8	15	7	14	7	19	8	20	7	22	7	22	312	13.0
" 9	7	19	6	21	6	17	7	22	8	16	7	16	8	17	9	23	8	23	9	22	7	11	6	12	9	21	9	22	8	15	8	16	8	17	8	17	9	14	8	15	10	19	9	18	8	18	12	18	429	17.9
" 10	10	16	13	14	11	12	12	9	11	11	12	14	13	14	13	15	12	14	14	18	14	20	14	22	15	23	13	18	14	23	14	19	13	17	13	20	13	14	16	10	15	13	12	4	12	5	13	16	361	15.0
" 11	14	17	14	18	14	20	15	13	14	13	14	13	14	16	14	15	15	14	14	16	14	14	15	12	15	13	16	15	16	15	16	14	15	11	16	7	15	11	15	8	16	12	15	8	15	13	17	12	320	13.3
" 12	12	2	15	14	16	15	18	15	17	17	17	10	17	11	16	11	18	19	19	16	18	15	18	19	17	17	18	19	17	22	17	21	17	23	19	17	17	16	18	21	17	19	18	16	18	20	18	20	395	16.5
" 13	17	24	18	21	19	17	18	16	18	21	18	22	18	21	18	22	19	21	19	24	19	28	19	30	19	31	18	31	19	27	19	25	19	18	19	20	18	17	18	15	17	18	18	18	17	19	18	16	522	21.7
" 14	19	13	18	14	20	19	18	19	19	17	18	17	18	18	18	14	18	17	18	16	19	23	19	26	18	23	18	19	18	17	18	15	18	16	18	12	18	12	18	14	18	14	18	14	17	14	18	16	399	16.6
" 15	18	18	18	21	18	17	19	15	18	12	18	11	18	11	18	16	18	15	18	17	18	23	18	22	18	22	17	19	18	14	18	14	19	16	18	13	18	10	18	7	18	6	16	7	16	9	16	11	346	14.4
" 16	16	12	16	15	16	16	16	16	17	14	18	19	18	15	18	16	18	20	18	15	18	22	18	20	18	15	20	22	17	18	18	16	17	11	17	11	17	5	17	7	16	11	16	13	17	14	17	11	354	14.8
" 17	16	10	18	14	18	16	17	13	18	13	18	15	17	15	18	9	18	8	18	12	17	20	18	18	18	19	18	19	18	15	19	13	18	14	18	9	18	3	18	3	18	5	15	5	15	7	15	8	283	11.8
" 18	15	12	15	18	16	19	16	20	16	16	16	13	18	10	18	12	18	12	17	10	18	12	17	11	17	7	16	12	16	11	16	9	18	8	18	7	18	5	14	8	14	6	14	8	13	11	13	9	266	11.1
" 19	13	7	13	8	14	12	14	14	14	13	14	9	14	9	14	5	15	9	17	15	16	10	16	8	18	7	18	12	16	13	17	11	17	11	17	11	16	12	16	11	17	9	17	12	17	12	17	13	253	10.5
" 20	16	11	16	12	16	10	16	7	16	9	16	4	17	4	18	9	18	6	18	10	17	9	18	8	19	10	19	9	15	12	18	13	18	10	17	10	17	10	16	6	16	7	17	5	17	6	17	4	201	8.4
" 21	18	3	17	8	18	7	17	8	18	6	17	8	18	7	19	9	20	8	20	10	20	12	19	13	21	10	20	9	20	10	17	12	18	9	17	8	17	8	16	8	17	7	16	12	16	9	17	10	211	8.8
" 22	17	7	17	7	17	9	16	7	18	2	19	6	20	6	20	11	19	11	22	10	18	10	20	11	19	14	18	10	19	11	20	15	20	11	19	11	18	10	18	9	17	10	18	5	16	6	15	9	218	9.1
" 23	16	8	15	9	15	8	16	6	19	7	16	9	16	8	17	8	18	7	19	10	19	13	19	18	19	18	18	13	18	15	18	13	18	14	17	13	16	14	16	11	16	13	16	12	16	15	15	12	274	11.4
" 24	17	12	18	9	16	10	18	14	18	16	18	10	20	18	20	17	20	18	19	19	19	19	20	20	20	20	19	19	18	15	17	16	17	14	17	14	16	10	16	10	16	12	16	13	16	9	16	13	347	14.5
" 25	16	12	16	12	18	12	20	15	20	15	17	12	20	14	21	16	19	20	20	19	20	16	19	20	20	16	20	16	20	17	18	14	17	13	18	12	17	11	16	8	17	6	16	9	16	12	18	9	326	13.6
" 26	18	11	17	12	18	8	18	13	19	13	18	13	20	11	19	9	20	10	20	15	20	12	20	15	20	13	22	13	18	13	20	13	18	9	17	7	17	7	17	5	17	5	16	6	16	7	16	5	245	10.2
" 27	16	7	16	7	18	9	16	7	17	6	18	7	19	5	21	8	21	10	20	11	20	11	19	14	18	12	18	11	20	11	19	14	17	9	18	9	18	9	18	5	18	5	19	4	19	2	21	2	195	8.1
" 28	24	4	26	4	23	2	22	6	23	6	22	7	24	6	25	6	20	12	22	12	21	12	21	13	21	13	20	15	18	17	19	12	18	11	19	8	17	3	19	4	17	8	17	7	18	5	23	5	198	8.2
" 29	22	4	20	4	21	6	22	9	22	10	23	7	25	7	25	10	25	10	26	11	25	10	23	12	22	10	24	12	23	8	19	8	16	11	17	12	18	10	18	6	18	5	17	6	...	0	24	2	190	7.9
" 30	...	1	...	1	...	0	...	0	...	1	20	2	...	1	19	3	24	6	25	10	23	11	25	10	25	8	24	10	15	11	20	11	15	10	16	10	16	8	15	5	15	5	10	3	10	2	7	5	134	5.6
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums	...	307	...	341	...	333	...	342	...	323	...	305	...	300	...	318	...	354	...	410	...	439	...	467	...	454	...	453	...	448	...	433	...	399	...	364	...	326	...	292	...	317	...	305	...	323	...	326	8679	361.7
Hourly Means	...	10.2	...	11.1	...	11.1	...	11.4	...	10.8	...	10.2	...	10.0	...	10.6	...	11.8	...	13.7	...	14.6	...	15.6	...	15.1	...	15.1	...	14.9	...	14.4	...	13.3	...	12.1	...	10.9	...	9.7	...	10.6	...	10.2	...	10.8	...	10.9	289.3	12.1

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JUNE, 1887.

Hour.	Components (miles per hour).						Directio
	N	E	S	W	+N-S	+E-W	
1 a.	0.3	3.6	6.4	0.9	−6.1	+2.7	S 24°
2 „	0.5	3.4	7.7	1.1	7.2	2.2	S 17°
3 „	0.5	3.0	7.4	1.9	6.9	1.2	S 10°
4 „	0.3	3.2	7.3	2.0	6.9	1.1	S 9°
5 „	0.3	2.9	6.7	2.6	6.3	0.3	S 3°
6 „	0.3	2.8	6.5	2.0	6.2	+0.8	S 7°
7 „	0.4	2.7	6.1	2.7	5.7	0.0	S
8 „	0.4	2.7	6.3	3.4	5.9	−0.7	S 7° W
9 „	0.1	2.8	7.0	4.5	6.9	1.7	S 14° W
10 „	0.2	3.8	7.3	5.0	7.1	1.2	S 10° W
11 „	0.4	3.5	8.5	5.2	8.2	1.6	S 11° W
Noon.	0.1	3.7	9.1	6.2	9.0	2.5	S 16° W
1 p.	0.1	3.8	8.8	5.3	8.7	1.5	S 10° W
2 „	0.3	3.9	8.7	5.1	8.3	−1.2	S 8° W
3 „	0.3	3.7	9.8	3.3	9.6	+0.4	S 2° E
4 „	0.3	3.6	9.4	3.7	9.1	0.0	S
5 „	0.3	3.8	8.7	2.3	8.5	+1.5	S 10° E
6 „	0.5	3.6	7.6	2.1	7.1	1.5	S 12° E
7 „	0.6	3.5	6.8	1.0	6.3	2.5	S 22° E
8 „	0.5	3.0	6.1	1.2	5.5	1.8	S 18° E
9 „	0.5	3.3	6.9	0.5	6.4	2.8	S 24° E
10 „	0.2	3.6	6.3	0.8	6.1	2.8	S 25° E
11 „	0.3	3.9	6.8	0.3	6.5	3.6	S 29° E
Midt.	0.3	3.9	6.9	1.0	−6.6	+2.9	S 24° E
Mean,.....	0.3	3.4	7.5	2.7	−7.1	+0.7	S 7° E

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Se
1887.												
June 1,.....	...	...	2	E	5	2	E	6	2	E	6	3
„ 2,.....	...	...	4	E	4	4	ESE	5	3	E	4	3
„ 3,.....	...	...	3	SE	3	2	SE	4	2	SE	4	2
„ 4,.....	...	...	0	SE	4	0	S	3	0	SW	4	0
„ 5,.....	...	...	1	S	4	1	S	4	1	S	4	1
„ 6,.....	...	...	1	S	4	1	S	3	1	S	3	1
„ 7,.....	...	...	0	S	4	0	WSW	4	1	SE	4	2
„ 8,.....	...	...	1	ESE	4	2	E	4	2	E	4	2
„ 9,.....	...	...	3	E	5	2	E	5	2	E	4	2
„ 10,.....	...	...	1	SE	5	2	SSE	6	2	SSW	5	3
„ 11,.....	...	...	2	SSW	6	2	SW	5	2	SW	6	2
„ 12,.....	...	...	2	S	6	3	S	6	3	S	6	3
„ 13,.....	...	...	2	S	6	3	S	5	3	S	6	3
„ 14,.....	...	...	3	S	6	3	S	5	3	S	6	3
„ 15,.....	...	...	3	SSW	6	3	S	6	2	S	5	2
„ 16,.....	...	...	2	S	5	3	S	5	3	S	5	3
„ 17,.....	...	...	2	S	5	2	S	4	2	S	5	1
„ 18,.....	...	...	2	S	5	2	S	4	2	S	5	2
„ 19,.....	...	...	1	S	4	2	S	4	2	S	5	2
„ 20,.....	...	...	1	S	4	3	S	5	2	S	4	2
„ 21,.....	...	...	1	S	4	2	S	5	2	S	4	2
„ 22,.....	...	...	2	S	5	3	S	6	3	S	6	3
„ 23,.....	...	...	2	S	5	2	S	6	3	S	5	2
„ 24,.....	...	...	2	S	6	3	S	6	2	S	5	2
„ 25,.....	...	...	2	S	5	2	S	5	2	S	4	2
„ 26,.....	...	...	2	S	5	2	S	5	2	S	5	2
„ 27,.....	...	...	1	S	5	2	S	5	2	S	4	2
„ 28,.....	...	...	1	SW	4	2	SSW	5	2	SSW	4	2
„ 29,.....	...	...	1	SW	4	1	S	4	1	S	4	2
„ 30,.....	...	...	1	S	3	2	S	4	1	S	3	1
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	...	...	1.7	S 8° E	4.7	2.1	S 7° E	4.8	2.0	S 7° E	4.6	2.1

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
June 1,.....	28.061	27.991	27.993	72.8	75.8	71.2	136.1	75.8	67.3	65.6
" 2,.....	.076	28.048	28.046	70.8	70.0	69.0	101.9	74.5	68.3	66.6
" 3,.....	.093	.051	.044	71.4	72.0	70.8	127.1	75.3	69.0	68.0
" 4,.....	.042	27.958	27.975	71.8	73.0	71.8	135.2	75.6	70.2	69.3
" 5,.....	27.980	.916	.918	73.4	74.5	71.9	132.3	75.2	70.1	70.4
" 6,.....	.962	.920	.955	73.5	74.0	73.7	139.7	76.3	71.9	70.6
" 7,.....	.997	.963	.958	75.5	76.0	72.8	128.9	77.3	72.8	69.3
" 8,.....	.999	.945	.941	73.7	77.8	74.2	134.0	79.5	72.3	71.3
" 9,.....	.953	.937	.963	73.7	73.8	72.8	128.9	76.3	72.2	71.2
" 10,.....	28.019	.965	.967	72.7	74.7	74.0	134.2	76.6	71.5	69.4
" 11,.....	.003	.967	.967	74.2	74.8	74.6	131.0	76.5	73.3	69.4
" 12,.....	27.970	.910	.922	73.8	74.2	73.7	103.9	75.6	73.2	69.4
" 13,.....	.940	.885	.932	74.5	74.6	74.6	122.2	75.9	73.7	73.4
" 14,.....	.954	.892	.911	75.0	74.6	74.8	112.5	75.5	71.7	73.1
" 15,.....	28.004	.888	.928	74.8	75.0	74.0	118.7	76.5	70.3	70.8
" 16,.....	27.907	.872	.861	75.5	74.8	73.2	112.3	76.6	73.2	73.3
" 17,.....	.922	.875	.905	75.0	75.0	74.6	125.0	76.5	72.7	72.4
" 18,.....	986	.987	.990	75.4	76.4	74.5	136.1	77.3	74.5	72.3
" 19,.....	28.065	.992	28.010	74.7	76.5	74.8	135.2	77.6	72.3	72.4
" 20,.....	.040	.992	.004	75.8	75.0	74.0	140.5	76.6	73.5	72.8
" 21,.....	27.992	.945	27.956	74.8	76.5	75.0	137.4	77.3	73.5	72.6
" 22,.....	28.008	.954	.979	75.4	76.0	74.7	131.2	76.9	73.5	72.4
" 23,.....	.021	.990	28.013	75.4	75.8	75.2	137.2	77.3	74.3	73.4
" 24,.....	.044	.995	.010	75.4	76.3	74.8	135.0	76.6	73.7	71.4
" 25,.....	.044	.963	27.982	75.0	75.7	74.5	132.3	76.9	73.3	73.1
" 26,.....	.011	.948	.960	74.7	75.2	75.4	136.5	77.6	74.2	72.8
" 27,.....	.015	.980	28.001	75.0	75.2	74.0	139.4	76.5	74.0	72.4
" 28,.....	.032	.996	27.984	74.8	75.8	73.6	136.8	76.8	73.6	73.1
" 29,.....	.006	.928	.923	75.0	75.7	73.7	137.6	77.1	73.3	72.6
" 30,.....	27.960	.913	.922	74.5	76.8	74.8	136.5	78.1	73.2	72.8
.....	...	...	...	...	...	...	...	...	...	...
Mean,.....	28.004	27.952	27.964	74.3	75.0	73.7	129.9	76.6	72.4	71.3

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
June 1,.....	39	34	54	77	72	91	0.427	0.372	0.518	0.619	0.644	0.697
" 2,.....	86	86	88	97	97	96	.817	.776	.790	.733	.720	.681
" 3,.....	81	88	93	97	97	98	.860	.831	.848	.755	.767	.744
" 4,.....	88	74	90	97	93	96	.856	.818	.837	.758	.758	.750
" 5,.....	73	75	86	95	93	99	.813	.879	.851	.789	.794	.772
" 6,.....	80	73	89	97	98	93	.874	.853	.882	.799	.817	.777
" 7,.....	85	83	89	88	90	96	.902	.898	.876	.782	.808	.776
" 8,.....	79	70	82	99	84	90	.882	.814	.852	.825	.805	.766
" 9,.....	93	87	92	98	94	94	.887	.892	.902	.813	.787	.757
" 10,.....	75	73	91	99	93	92	.868	.850	.850	.797	.804	.773
" 11,.....	75	73	82	98	94	95	.874	.872	.872	.823	.810	.817
" 12,.....	77	77	82	100	99	98	.877	.864	.874	.831	.839	.817
" 13,.....	79	75	78	98	99	99	.888	.897	.856	.835	.850	.850
" 14,.....	77	77	82	98	99	98	.903	.902	.900	.854	.850	.848
" 15,.....	78	75	85	99	98	98	.925	.915	.915	.856	.854	.821
" 16,.....	76	77	84	98	96	95	.899	.902	.918	.863	.831	.779
" 17,.....	85	74	86	98	98	99	.960	.886	.933	.854	.854	.850
" 18,.....	81	73	81	98	92	98	.919	.858	.880	.864	.836	.835
" 19,.....	80	74	83	99	93	98	.856	.858	.884	.853	.851	.843
" 20,.....	68	75	84	94	98	98	.844	.873	.892	.843	.854	.821
" 21,.....	70	71	81	98	91	96	.842	.854	.869	.839	.835	.836
" 22,.....	70	70	79	95	94	99	.845	.859	.859	.843	.849	.853
" 23,.....	73	74	79	96	95	95	.884	.882	.873	.848	.851	.838
" 24,.....	77	74	80	98	93	96	.930	.893	.878	.864	.845	.831
" 25,.....	73	70	78	98	94	98	.855	.830	.856	.849	.840	.835
" 26,.....	72	70	83	95	97	92	.854	.859	.870	.816	.846	.807
" 27,.....	72	68	78	95	93	98	.852	.814	.847	.828	.817	.821
" 28,.....	74	62	79	99	93	95	.884	.794	.847	.852	.831	.790
" 29,.....	73	65	79	93	86	95	.855	.832	.843	.808	.772	.789
" 30,.....	68	63	82	95	82	86	.811	.807	.850	.814	.758	.744
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	76	73	83	96	93	96	0.858	0.841	0.857	0.817	0.813	0.797

TABLE XII.

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.	Dire
1887.												
June 1, ...	2	c-str.	...	0	...	...	7	sm-cum.	W	0	...	...
„ 2, ...	5	cum.	ENE	3	cum.	ENE	10	cum-nim.	ENE	10	R-cum.	EN
„ 3, ...	7	cum.	E	2	cum.	E	6	c-str. / sm-cum. / R-cum.	N / .... / ESE	8	c-cum. / cum.	S / SS
„ 4, ...	10	c-str. / sm-cum. / cum.	.... / SSE / SSW	6	c-str. / cum.	SSW	10	nim.	...	10	c-str. / c-cum. / cum.	... / W / SS
„ 5, ...	8	c-str. / cum.	NNE / SSW	10	cum-nim.	SSW	8	cum.	SSW	6	c. / cum.	NN / SS
„ 6, ...	10	c-str. / cum.	SSW	10	c-str. / cum.	SSW	7	c-str. / cum.	NNE / SSW	7	cum.	SS
„ 7, ...	7	cum.	SSW	9	cum.	SSW	7	c-str. / cum. / nim.	.... / SSE / SSW	6	c-str. / sm-cum. / cum.	... / E / S
„ 8, ...	5	c-str. / cum.	ESE	5	cum.	ESE	9	R-cum.	E	7	cum.	E
„ 9, ...	9	cum.	NE	10	nim.	E	9	c-str. / nim.	NE / ESE	10	c-str. / nim.	NE / ES
„ 10, ...	9	cum.	SE	9	cum.	SE	5	c-cum. / cum.	S / SE	8	c-cum. / cum.	S / SS
„ 11, ...	8	c-cum. / sm-cum. / cum-str.	.... / SW / S	10	nim.	S	8	c-cum. / cum.	NNE / S	8	c-cum. / cum.	N / S
„ 12, ...	9	sm-cum. / cum.	WSW / S	7	cum.	S	10	c-str. / cum.	SSW	10	R-cum.	SS
„ 13, ...	10	sm-cum. / cum.	SW	9	cum.	SSW	7	cum.	SW	9	cum.	SW
„ 14, ...	6	cum.	SSW	8	cum.	SSW	8	c-str. / cum. / cum.	NE / WSW / SSW	9	cum. / R-cum.	WS / SW
„ 15, ...	9	cum.	SW	8	cum.	SW	9	c-str. / cum. / cum.	NE / WSW / SW	10	cum.	SS
„ 16, ...	4	cum.	SSW	9	cum.	SSW	9	cum.	SSW	7	c-str. / cum.	NN / SS
„ 17, ...	9	cum.	SSW	8	cum.	SSW	10	c-cum. / cum.	NE / SW	10	c-cum. / cum.	SS
„ 18, ...	9	nim.	S	8	cum.	SSW	7	c-str. / cum.	ENE / SSW	7	c-str. / cum.	EN / SS
„ 19, ...	2	cum.	S	7	cum.	S	9	c-cum. / nim.	NE / SSW	10	nim.	SS
„ 20, ...	1	cum.	S	7	cum.	SSW	8	c-str. / cum.	NE / SSW	7	c-cum. / cum.	N / SS
„ 21, ...	2	cum.	SW	7	c-str. / cum.	SSW	4	c-str. / cum.	SSW	5	c-str. / cum.	EN / SS
„ 22, ...	1	cum.	...	6	cum.	SSW	4	c-str. / cum.	ENE / SSW	6	c. / cum.	SS
„ 23, ...	7	cum.	S	6	cum.	SSW	7	c-str. / cum.	SSW	8	cum.	SS
„ 24, ...	8	cum.	SSW	7	cum.	SSW	10	c-str. / cum.	NE / SSW	7	nim.	SS
„ 25, ...	8	cum.	S	7	cum.	SSW	10	cum.	SSW	9	c-str. / cum.	N / SS
„ 26, ...	8	cum.	SSW	7	cum.	SSW	6	c-str. / cum.	NE / SSW	9	c-str. / cum.	N / S
„ 27, ...	3	cum.	SW	8	cum.	SW	9	c-str. / cum.	NE / SW	6	c-str. / cum.	S
„ 28, ...	1	cum.	...	1	cum.	SW	8	c-str. / cum.	NE / SW	4	c-str. / cum.	EN / S
„ 29, ...	3	cum.	SW	2	cum.	SW	9	c-str. / cum.	NE / SW	6	c-str. / cum.	N / S
„ 30, ...	1	cum.	...	3	cum.	SW	7	c-str. / cum.	SW	5	c-str. / cum.	E / S
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	6.0	...	...	6.6	...	...	7.9	...	...	7.5	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
1,.....	7	sm-cum.	W	0	...	...	0	...	...	0	...	...	2.0
2,.....	10	cum.	ENE	10	nim.	E	10	R-cum.	E	10	nim.	E	8.5
3,.....	10	nim.	SSE	10	cum. / cum-nim.	SSW / SSE	10	c-str. / cum.	N / SSW	10	c-cum.	S	7.9
4,.....	9	sm-cum. / cum.	SSE / S	10	c-str. / cum.	NE / SSW	10	c-str. / cum.	NNE / SSW	10	c-str. / cum.	NNE /	9.4
5,.....	7	cum.	SSW	7	c-str. / cum.	NNE / SSW	10	c-str. / cum.	NNE / SSW	10	c-str. / cum.	NNE / SSW	8.2
6,.....	7	c-str. / cum.	NNE / SSW	6	c-str. / cum.	NNE / SSW	5	c-str. / cum.	N / SSW	3	c-str. / cum.	N / S	6.9
7,.....	7	c-str. / cum. / cum.	.... / E / S	4	c-str. / cum.	SSE	2	c-cum. / cum.	SE	1	cum.	ESE	5.4
8,.....	3	c-str. / cum.	E	6	c-str. / cum.	NNE / E	9	c-str. / cum.	NE / E	6	c-str. / cum.	NE / ENE	6.3
9,.....	10	c-str. / cum.	NE / ESE	10	str-cum. / cum.	SSE / ESE	9	cum-nim.	ESE	10	nim.	ESE	9.6
10,.....	8	c-str. / cum.	N / S	7	c-str. / cum.	NNE / SSE	10	cum-nim.	S	10	nim.	...	8.2
11,.....	9	cum. / nim.	S / SSW	9	c-str. / cum.	NNE / SSW	7	cum.	S	5	cum.	S	8.0
12,.....	10	cum-str. / cum.	NNE / SSW	10	str. / cum.	NNE / SSW	10	c-str. / cum-nim.	SSW	9	R-cum.	SSW	9.4
13,.....	8	c-str. / cum.	NNE / SW	7	c-str. / cum.	NE / SSW	10	c-str. / R-cum.	SSW	6	cum.	SSW	8.3
14,.....	10	c-str. / cum. / cum.	NE / WSW / SW	10	c-str. / cum. / cum.	NE / WSW / SW	10	R-cum.	SW	10	cum-nim.	SW	8.9
15,.....	10	c-str. / cum.	NNE / SSW	10	c-str. / cum.	NE / SW	7	c-str. / cum.	SSW	8	cum.	SSW	8.9
16,.....	10	cum. / cum.	WSW / SSW	10	c-str. / cum.	NE / SSW	10	c-str. / cum.	SSW	9	cum.	SSW	8.5
17,.....	10	cum. / nim.	SSW	10	c-str. / cum.	NE / SSW	10	c-str. / cum.	NE / SSW	6	cum.	SSW	9.1
18,.....	10	c-str. / cum.	ENE / SSW	8	c-str. / cum.	NNE / SSW	9	c-str. / cum.	NE / S	3	cum.	S	7.6
19,.....	10	c-str. / cum.	NE / S	9	c-str. / cum.	NE / SSW	6	c-str. / cum.	NE / SSW	2	cum.	SSW	6.9
20,.....	9	cum. / cum.	NE / SSW	8	cum. / cum.	NE / SSW	4	c-str. / cum.	SSW	1	cum.	SSW	5.6
21,.....	9	c-str. / cum.	ENE / SSW	8	c-str. / cum.	ENE / SSW	3	cum.	SSW	1	cum.	SSW	4.9
22,.....	8	c-str. / cum.	ENE / SSW	9	c-str. / cum.	NE / SSW	6	c-cum. / cum.	NE / SSW	4	cum.	SSW	5.5
23,.....	7	c-str. / cum.	NE / SW	9	c-str. / cum.	NE / SSW	5	cum.	SSW	5	cum.	SSW	6.7
24,.....	7	c-str. / cum.	NE / SSW	7	c-str. / cum.	NE / SSW	5	cum.	SSW	3	cum.	SSW	6.8
25,.....	7	c-str. / cum.	NE / SSW	8	c-str. / cum.	NE / SSW	5	c-str. / cum.	NE / SSW	5	cum.	SSW	7.4
26,.....	9	c-str. / cum.	NE / SW	9	c-str. / cum.	NE / SW	10	c-str.	NE	6	c-str.	NE	8.0
27,.....	3	c-str. / cum.	NE / SW	4	c-str. / cum.	ENE / SW	2	c-str. / cum.	SW	5	c-str. / cum.	NE / SW	5.0
28,.....	8	c-str. / cum.	ENE / SW	7	c-str.	NE	4	c-str. / cum.	NE / SW	4	c-str. / cum.	NE / SW	4.6
29,.....	7	c-str. / cum.	ENE / SW	6	c.	NE	2	c-str. / cum.	SW	2	c-str. / cum.	SW	4.6
30,.....	7	c. / cum.	ENE / SW	4	c-str. / cum.	NE /	10	c-str.	NE	6	c-str.	NNE	5.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	8.2	...	...	7.7	...	...	7.0	...	...	5.7	...	...	7.1

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
June 1,.....	0.145	1	0.16	...
„ 2, ...	0.055	5	...	...
„ 3,.....	0.860	4	0.42	0.37
„ 4,.....	...	...	...	...
„ 5,.....	0.005	...	...	...
„ 6,.....	0.065	2	0.09	...
„ 7,.....	0.040	2	0.06	...
„ 8,.....	0.550	3	0.49	...
„ 9,.....	0.535	6	0.24	...
„ 10,.....	0.925	7	1.20	2.50
„ 11,.....	0.405	4	0.23	0.40
„ 12,.....	0.010	3	0.13	0.17
„ 13,.....	0.010	1	...	...
„ 14,.....	0.125	2	...	0.29
„ 15,.....	...	...	...	...
„ 16,.....	0.205	1	...	...
„ 17,.....	0.060	2	...	...
„ 18,.....	0.300	3	0.16	...
„ 19,.....	0.075	1	...	0.33
„ 20,.....	0.090	1	0.01	...
„ 21,.....	0.205	1	0.04	...
„ 22,.....	0.165	3	0.02	0.20
„ 23,.....	0.410	2	0.25	0.29
„ 24,.....	0.200	2	0.15	0.32
„ 25,.....	0.035	1	0.10	...
„ 26,.....	...	...	...	...
„ 27,.....	...	...	...	...
„ 28,.....	...	...	...	...
„ 29,.....	...	...	...	...
„ 30,.....	...	...	...	...
.....	...	...	...	...
Total,.....	5.475	57	3.75	4.87

W. Doberck,
Government Astronomer.

Hongkong Observatory, 9th July, 1887.

HONGKONG OBSERVATORY.

Weather Report for July, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock. It contains also information concerning the first appearance and progress of typhoons.

Unusual visibility was noted on the 4th, 7th, 8th, 12th, 13th, 14th, 16th and 31st.

It was hazy on the mornings of the 13th, 14th, 23rd, 26th and 27th.

Dew fell on the evenings of the 3rd, 5th, 6th, 7th, 12th and 13th.

Solar halos were seen on the 4th, 6th, 8th, 10th, 17th and 23rd.

Lunar halos were noted on the 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 25th, 27th, 30th and 31st.

Lunar coronas were seen on the 26th and 29th.

Rainbows were seen at $7^{h.}$ $10^{m.}$ a. on the 8th, at the same time and also at 5 p. on the 16th, and at $5^{h.}$ $50^{m.}$ p. on the 20th.

Thunder was heard during the day on the 1st, and between $9^{h.}$ and $11^{h.}$ p. a thunderstorm passed from ESE to WNW. It was nearest (40s.) at $10^{h.}$ $7^{m.}$ p. Thunder was heard the next morning and lightning seen in the evening.

Between $1^{h.}$ and $1\frac{1}{2}^{h.}$ a. on the 3rd a thunderstorm passed from SE to SW. It was nearest (51s.) at $1^{h.}$ $9^{m.}$ a.

On the 5th from $8\frac{1}{2}^{h.}$ to $10^{h.}$ a. a thunderstorm passed from N through W to S. It was nearest (17s.) at $9^{h.}$ $12^{m.}$ a. Lightning was seen the same evening.

Thunder was heard on the afternoon of the 6th, also during the day on the 9th with lightning in the evening.

Lightning was seen on the evenings of the 17th, 18th, 19th, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th and 30th.

Thunder was heard on the afternoon of the 18th, evening of the 19th, morning of the 24th, and on the 25th morning and evening

On the 29th from 2 a. to 6 a. a thunderstorm passed from W by S to E. It was nearest (12s.) at $4^{h.}$ $18^{m.}$ a.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	116	19	6.1
NE	837	63	13.3
E	4246	290	14.6
SE	1700	93	18.3
S	410	53	7.7
SW	1030	74	13.9
W	558	75	7.4
NW	206	40	5.2
Calm	31	37	0.8

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JULY, 1887.

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, ...	29.633	29.622	29.619	29.618	29.619	29.628	29.638	29.637	29.661	29.652	29.657	29.665	29.659	29.650	29.633	29.640	29.650	29.667	29.667	29.686	29.713	29.723	29.745	29.739	29.659
„ 2, ...	.728	.719	.708	.711	.719	.738	.755	.769	.788	.805	.794	.781	.767	.741	.722	.726	.728	.734	.750	.779	.786	.812	.816	.810	.758
„ 3, ...	.789	.779	.772	.773	.771	.773	.795	.820	.824	.821	.820	.819	.817	.785	.754	.759	.746	.767	.781	.780	.789	.814	.810	.802	.790
„ 4, ...	.776	.763	.755	.748	.742	.753	.767	.779	.791	.796	.788	.770	.760	.735	.718	.696	.696	.705	.723	.734	.757	.771	.771	.751	.752
„ 5, .	.724	.706	.688	.680	.681	.697	.707	.719	.743	.740	.740	.752	.731	.709	.680	.673	.661	.664	.671	.685	.704	.722	.734	.717	.705
„ 6, ...	.698	.679	.676	.671	.672	.676	.685	.697	.706	.705	.703	.696	.684	.679	.667	.661	.645	.649	.660	.685	.709	.713	.719	.716	.685
„ 7, ...	.713	.691	.691	.690	.686	.684	.694	.704	.711	.714	.707	.696	.684	.679	.667	.656	.665	.667	.679	.684	.712	.729	.731	.727	.694
„ 8, ...	.710	.698	.687	.680	.682	.699	.714	.710	.720	.716	.707	.700	.692	.665	.655	.657	.650	.668	.685	.702	.717	.704	.700	.689	.692
„ 9, ...	.676	.657	.655	.651	.652	.664	.679	.684	.687	.678	.684	.670	.650	.628	.630	.633	.633	.635	.637	.663	.683	.689	.692	.666	.661
„ 10, ...	.635	.622	.620	.612	.608	.612	.636	.641	.639	.649	.646	.636	.626	.622	.623	.607	.612	.628	.640	.664	.684	.700	.715	.697	.641
„ 11, ...	.692	.676	.667	.664	.666	.675	.701	.697	.719	.720	.720	.721	.718	.710	.702	.698	.690	.708	.716	.734	.747	.760	.766	.764	.710
„ 12, ...	.750	.743	.738	.728	.736	.755	.779	.787	.792	.794	.787	.778	.772	.750	.741	.724	.720	.715	.734	.751	.760	.772	.770	.762	.756
„ 13, ...	.748	.743	.744	.743	.755	.768	.774	.780	.787	.794	.783	.759	.739	.718	.699	.689	.682	.681	.693	.710	.722	.737	.734	.722	.738
„ 14, ...	.707	.694	.687	.684	.697	.716	.725	.732	.733	.726	.716	.702	.687	.680	.654	.624	.621	.624	.636	.655	.672	.680	.664	.658	.682
„ 15, ...	.644	.636	.642	.646	.658	.658	.660	.661	.675	.675	.672	.663	.662	.645	.628	.613	.616	.619	.630	.658	.666	.671	.688	.674	.653
„ 16, ...	.643	.620	.614	.605	.603	.607	.613	.627	.631	.631	.633	.629	.613	.579	.569	.551	.552	.556	.576	.599	.616	.624	.625	.605	.605
„ 17, ...	.580	.571	.568	.550	.554	.563	.577	.584	.602	.600	.592	.580	.562	.539	.523	.501	.498	.496	.503	.530	.540	.554	.538	.525	.551
„ 18, ...	.515	.500	.492	.486	.480	.480	.485	.501	.510	.521	.506	.484	.465	.443	.419	.411	.395	.393	.441	.465	.466	.488	.482	.454	.470
„ 19, ...	.429	.435	.411	.394	.387	.410	.417	.421	.413	.408	.393	.389	.379	.355	.336	.322	.320	.327	.334	.351	.374	.378	.379	.357	.380
„ 20, ...	.333	.316	.290	.270	.279	.288	.306	.294	.290	.292	.322	.319	.318	.309	.293	.293	.322	.345	.367	.405	.412	.437	.440	.434	.332
„ 21, ...	.415	.412	.413	.412	.425	.437	.445	.454	.469	.465	.472	.466	.463	.454	.449	.436	.445	.453	.465	.480	.497	.513	.504	.505	.456
„ 22, ...	.506	.498	.486	.482	.478	.489	.504	.513	.519	.523	.521	.520	.506	.493	.480	.463	.468	.464	.479	.489	.496	.503	.507	.503	.495
„ 23, ...	.493	.477	.474	.464	.459	.463	.477	.480	.477	.486	.475	.466	.457	.443	.429	.410	.412	.426	.443	.459	.477	.496	.487	.482	.463
„ 24, ...	.455	.436	.433	.430	.432	.447	.454	.455	.457	.462	.473	.453	.444	.437	.441	.441	.439	.449	.459	.477	.497	.495	.489	.471	.455
„ 25, ...	.462	.451	.441	.442	.448	.459	.475	.489	.530	.521	.513	.507	.484	.478	.477	.467	.466	.466	.479	.504	.536	.545	.545	.539	.488
„ 26, ...	.519	.506	.512	.516	.513	.545	.557	.561	.566	.579	.590	.585	.579	.562	.550	.532	.540	.556	.562	.582	.601	.621	.598	.582	.559
„ 27, ...	.563	.548	.549	.548	.548	.548	.559	.568	.578	.566	.550	.545	.523	.491	.481	.457	.438	.455	.497	.511	.510	.513	.508	.491	.523
„ 28, ...	.461	.454	.447	.439	.440	.451	.464	.478	.477	.468	.456	.452	.431	.418	.393	.401	.403	.420	.423	.443	.461	.472	.470	.460	.445
„ 29, ...	.440	.427	.425	.421	.434	.463	.475	.501	.525	.518	.521	.485	.490	.470	.462	.458	.464	.468	.494	.503	.520	.522	.522	.513	.480
„ 30, ...	.491	.471	.477	.485	.476	.480	.496	.503	.511	.507	.514	.514	.508	.498	.485	.468	.465	.481	.499	.517	.539	.534	.517	.514	.498
„ 31, ...	.509	.510	.511	.508	.518	.537	.553	.560	.572	.576	.576	.567	.555	.540	.538	.532	.539	.546	.567	.585	.612	.607	.613	.610	.556
Hourly Means, ...	29.595	29.583	29.577	29.573	29.575	29.586	29.599	29.607	29.616	29.616	29.614	29.605	29.594	29.578	29.564	29.555	29.554	29.562	29.577	29.596	29.612	29.623	29.622	29.611	29.591

TABLE II.

TEMPERATURE FOR THE MONTH OF JULY, 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means	Max.	Min.
July 1,	79.2	79.5	79.0	78.7	78.8	79.3	81.5	82.7	83.7	85.1	85.5	81.5	82.9	85.6	85.9	86.3	79.5	79.3	78.7	80.0	79.8	80.1	80.3	79.1	81.3	86.3	78.1
„ 2,	79.1	78.3	79.1	79.3	79.4	79.5	82.1	81.3	81.5	81.1	82.6	83.0	82.9	83.1	83.1	82.9	82.2	81.2	81.0	80.4	79.6	80.2	79.4	79.8	80.9	83.1	77.9
„ 3,	79.6	79.6	79.5	79.2	78.6	78.8	79.4	79.9	82.0	84.2	85.1	85.3	83.9	83.0	83.2	83.0	83.5	81.1	80.4	79.5	79.7	79.0	79.1	79.2	81.1	86.0	78.5
„ 4,	80.1	79.5	80.5	79.8	79.7	79.6	80.7	78.7	80.1	81.8	82.1	82.4	83.2	82.0	82.2	83.0	81.1	80.6	80.1	80.1	79.9	79.4	78.1	77.2	80.5	84.0	77.2
„ 5,	77.7	77.6	77.9	77.8	78.5	79.8	79.1	80.9	76.3	77.2	77.4	76.0	77.7	79.0	79.4	80.1	80.0	78.8	78.6	78.2	78.6	78.2	78.3	78.1	78.4	81.0	75.9
„ 6,	77.9	78.0	78.2	77.4	76.9	77.2	77.9	78.1	79.2	82.4	83.6	85.1	85.2	80.9	82.2	79.9	80.5	80.7	79.1	79.1	79.8	80.1	80.2	80.6	80.0	85.3	76.8
„ 7,	82.2	81.4	82.1	82.5	80.5	80.7	81.0	80.7	84.0	82.4	85.2	84.9	85.1	86.0	82.1	83.9	81.2	80.8	80.2	79.9	79.6	79.4	79.5	79.9	81.9	86.8	79.4
„ 8,	80.1	80.6	80.4	80.4	79.9	80.3	82.5	83.1	82.7	83.1	83.9	85.6	86.2	86.8	87.2	83.6	83.0	82.0	80.7	80.2	80.9	80.9	81.5	81.6	82.4	87.4	79.6
„ 9,	81.7	81.3	81.3	81.9	82.0	82.1	82.1	83.1	83.0	82.9	84.4	82.1	82.0	82.2	82.3	80.3	80.3	80.2	79.1	80.2	81.0	79.7	80.5	80.9	81.5	84.5	78.9
„ 10,	81.6	81.8	80.4	81.4	81.6	82.4	80.7	82.4	83.2	83.9	84.3	84.8	84.5	83.8	84.0	83.0	82.5	82.0	82.2	82.0	81.9	81.2	78.3	80.4	82.3	84.8	77.3
„ 11,	81.5	81.3	81.5	81.8	81.4	81.7	82.9	84.0	84.7	84.0	83.9	85.1	85.6	85.0	85.9	84.9	83.5	82.8	80.9	80.9	81.5	81.3	79.9	81.0	82.8	86.4	79.4
„ 12,	80.7	80.6	79.8	79.3	79.7	79.1	81.3	82.0	83.8	84.2	83.3	84.1	85.4	84.9	83.8	83.8	83.0	82.0	81.1	80.6	80.3	80.1	80.5	79.5	81.8	85.4	79.1
„ 13,	79.9	80.4	79.7	80.3	79.2	79.7	82.0	83.5	84.0	83.9	85.6	85.2	86.6	86.9	87.5	87.7	86.5	85.7	83.1	81.4	81.7	81.3	80.9	80.9	83.1	88.4	79.1
„ 14,	80.1	79.9	79.7	79.7	78.8	79.4	80.6	82.7	83.7	85.7	86.9	86.5	89.2	86.8	86.9	87.7	87.2	85.2	83.1	81.9	81.0	81.1	80.2	80.0	83.1	89.2	78.8
„ 15,	79.9	80.2	80.5	80.5	80.6	80.8	83.7	83.9	84.9	85.0	84.1	86.9	82.8	81.2	82.8	82.3	82.5	82.6	82.0	81.9	82.0	82.0	81.5	80.8	82.3	86.9	79.9
„ 16,	80.8	81.4	81.3	80.9	80.5	81.0	82.2	82.0	83.4	81.5	84.3	81.7	84.9	85.0	83.1	84.3	81.7	81.5	81.4	81.3	81.2	81.2	80.0	80.9	82.0	85.0	80.0
„ 17,	80.4	80.4	80.8	80.5	80.2	81.1	81.6	82.7	82.6	83.3	84.6	85.3	84.1	84.5	84.3	83.9	83.8	83.1	82.7	82.3	82.1	81.6	81.7	81.8	82.5	85.3	80.1
„ 18,	81.4	81.5	81.2	80.2	80.0	80.4	81.7	82.9	84.8	85.4	86.4	86.9	87.9	89.8	85.9	79.7	82.7	80.7	80.1	78.8	77.4	77.2	77.7	75.4	81.9	89.8	75.2
„ 19,	77.5	77.2	75.5	76.9	79.5	77.1	78.2	76.6	80.8	80.8	82.2	79.0	79.0	78.6	82.1	81.0	81.1	81.1	81.0	80.5	82.1	82.1	82.7	82.6	79.8	82.7	75.2
„ 20,	82.3	81.9	82.5	82.6	79.8	80.0	79.9	80.7	80.6	80.6	80.7	80.9	80.1	81.0	81.8	80.0	77.9	78.8	78.4	79.5	79.6	80.3	80.7	80.2	80.5	82.8	77.9
„ 21,	80.3	79.9	78.2	78.0	77.6	78.1	78.0	79.5	80.1	79.7	81.1	79.6	81.7	81.2	82.0	81.1	80.5	79.6	78.9	78.5	78.9	79.5	79.0	78.7	79.6	82.1	77.2
„ 22,	78.5	77.7	76.6	75.8	76.3	77.0	77.9	79.2	81.0	80.8	83.0	84.1	82.1	81.7	81.3	82.6	82.9	82.2	80.8	79.6	79.1	79.2	78.9	78.7	79.9	84.7	75.8
„ 23,	77.9	77.1	77.2	77.8	77.7	77.8	79.2	81.0	82.4	83.8	84.3	85.1	86.0	84.9	84.3	84.0	83.3	82.6	81.8	81.7	80.9	80.7	80.5	80.5	81.4	86.0	77.1
„ 24,	81.0	80.7	80.2	80.3	81.3	78.9	79.8	81.5	82.6	83.5	81.6	83.6	82.0	78.0	78.8	78.9	79.8	79.6	79.4	79.9	80.4	80.4	80.3	80.4	80.5	84.0	77.3
„ 25,	80.3	80.1	80.4	79.2	79.6	79.2	79.2	79.1	74.9	76.2	76.5	77.9	78.9	81.8	82.2	81.7	81.0	79.8	78.8	79.1	79.3	78.2	78.5	78.3	79.2	82.5	73.8
„ 26,	77.9	78.0	78.6	78.4	78.0	78.8	80.1	81.0	82.9	84.3	85.0	84.2	84.5	84.7	84.6	83.9	84.0	82.5	81.0	80.5	80.3	80.1	79.9	80.1	81.4	87.0	77.8
„ 27,	79.6	79.3	79.5	79.7	79.8	79.9	80.9	81.9	83.6	84.4	84.3	86.2	87.0	87.1	85.7	85.4	84.6	83.8	82.5	82.5	82.3	82.1	82.0	82.2	82.8	87.2	79.3
„ 28,	82.1	82.2	82.3	82.1	82.1	81.9	83.0	83.9	84.9	85.9	86.3	87.8	88.2	87.5	86.8	84.3	84.0	83.7	83.0	83.0	82.5	82.5	82.8	82.2	84.0	88.2	81.9
„ 29,	81.5	80.0	77.2	77.6	77.4	76.5	77.9	77.9	78.6	79.2	81.5	82.0	84.8	84.5	82.8	80.1	79.3	78.9	79.0	79.4	78.6	78.7	78.2	78.0	79.6	86.5	76.0
„ 30,	78.1	78.0	78.3	80.4	78.3	78.8	80.3	81.7	83.8	84.5	84.6	85.6	80.9	86.1	86.6	85.7	85.0	83.4	82.8	82.3	82.2	82.0	81.7	81.8	82.2	87.3	78.0
„ 31,	82.0	82.0	81.9	82.2	82.2	81.9	82.8	83.8	84.6	86.0	86.0	86.1	87.2	86.9	86.5	85.3	84.5	83.9	83.0	82.8	82.8	82.4	82.4	82.1	83.8	87.8	81.8
Hourly Means,	80.1	79.9	79.7	79.8	79.5	79.6	80.7	81.4	82.2	82.8	83.6	83.7	84.0	83.9	83.8	83.0	82.3	81.6	80.8	80.6	80.5	80.4	80.2	80.1	81.4	85.6	78.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JULY, 1887.

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.	Sun.	Rad.
July 1,	75.7	75.5	75.6	75.3	75.1	75.9	77.6	78.6	79.4	79.4	79.4	78.7	77.8	79.9	80.5	78.1	76.2	76.3	76.6	76.5	76.8	77.6	77.9	77.6	77.4	153.2	74.3
,, 2,	77.9	77.1	77.1	77.0	77.2	77.2	78.6	78.6	78.0	77.8	79.6	79.0	78.9	79.2	79.7	79.3	78.7	78.7	78.6	78.4	78.3	78.4	78.3	78.6	78.3	133.9	76.1
,, 3,	78.4	78.4	78.3	78.1	77.4	77.6	78.1	78.5	78 3	78.7	78.6	78.0	77.0	77.6	78.4	78.2	79.0	78.0	77.5	77.1	77.3	77.4	77.1	77.1	77.9	142.2	77.3
,, 4,	77.7	77.1	77.8	78.0	77.3	77.7	77.5	76.3	77.1	77.6	77.7	77.9	77.8	77.7	77.1	76.6	77.3	77.3	76.7	76.5	76.0	74.4	75.6	75.6	77.0	145.0	74.8
,, 5,	75.9	76.0	76.3	76.1	76.8	77.5	77.5	77.7	75.1	75.4	74.6	74.3	74.5	76.0	76.2	76.1	75.9	76.4	76.6	76.8	77.1	76.8	77.0	76.5	76.2	114.0	74.3
,, 6,	76.6	76.3	76.3	75.8	75.9	75.8	76.6	76.4	76.7	78.2	77.7	77.3	79.5	77.5	77.9	76.4	77.3	77.6	76.8	75.8	76.5	76.6	76.9	77.0	76.9	141.3	74.9
,, 7,	77.8	77.4	77.9	77.5	77.0	77.3	77.2	77.6	78.5	77.5	78.3	78.3	78.9	79.2	78.5	78.1	77.9	77.8	77.7	77.2	77.3	77.3	77.4	77.6	77.8	145.5	76.2
,, 8,	77.7	77.1	77.3	77.1	77.0	77.3	78.7	77.7	79.7	80.5	78.7	78.8	78.4	79.1	78.6	77.5	77.7	77.8	77.7	77.7	77.5	77.4	78.1	78.3	78.1	145.5	76.7
,, 9,	77.8	77.9	77.9	77.7	78.5	78.5	78.5	78.7	78.6	77.8	78.0	77.7	79.1	79.0	78.9	78.1	77.6	77.9	76.6	77.7	76.5	74.3	76.8	77.5	77.8	146.5	75.0
,, 10,	78.2	77.4	75.9	76.9	76.9	76.9	76.5	77.8	77.3	77.7	78.3	78.3	78.2	77.9	77.6	78.4	76.9	76.8	76.6	76.6	76.8	75.4	75.7	77.0	77.2	145.6	75.0
,, 11,	76.7	76.6	76.8	76.7	77.2	77.4	77.6	77.7	78.5	77.6	78.1	78.9	79.3	78.6	78.4	78.3	77.9	78.2	78.5	78.0	77.3	77.0	77.5	77.8	77.8	142.7	74.5
,, 12,	77.6	77.2	77.4	76.8	77.6	78.0	78.5	78.4	79.5	79.5	78.5	78.8	79.1	78.8	78.7	78.0	78.5	78.2	77.7	77.6	77.7	77.8	77.7	77.6	78.1	145.0	76.1
,, 13,	77.8	77.7	77.2	76.7	76.7	77.6	78.6	78.7	78.3	79.0	79.3	78.1	77.6	78.6	78.8	78.9	77.3	77.6	77.6	78.0	77.2	77.4	77.6	77.2	77.9	143.6	76.7
,, 14,	76.9	76.7	76.5	76.7	76.0	76.8	78.0	78.6	79.2	76.4	77.4	76.0	77.8	77.5	76.4	77.5	77.8	76.9	76.8	75.4	76.1	77.0	76.7	76.2	77.0	142.2	73.6
,, 15,	76.5	75.8	76.9	76.2	77.0	77.5	78.7	77.3	77.1	77.6	78.6	77.8	78.3	77.5	77.5	78.3	77.8	78.0	78.5	78.6	78.8	79.3	77.7	78.0	77.7	149.6	76.2
,, 16,	78.4	78.2	77.9	77.4	77.0	77.4	78.0	78.8	79.4	77.5	79.2	78.5	78.5	78.4	78.6	78.9	78.8	78.3	78.1	78.3	78.5	77.8	77.4	78.2	78.2	146.0	76.8
,, 17,	78.2	77.8	77.7	77.9	77.2	77.7	78.1	78.0	78.1	78.5	78.4	78.5	78.7	78.9	78.5	78.4	78.1	77.9	77.9	77.7	77.7	77.8	77.6	78.1	78.1	148.1	76.8
,, 18,	77.0	77.2	77.7	76.2	76.3	76.6	76.7	76.6	77.1	77.1	77.2	76.6	77.5	77.7	78.5	74.1	73.7	73.0	76.4	76.7	74.3	74.2	74.5	74.2	76.1	144.9	75.0
,, 19,	74.5	74.9	74.2	73.6	74.1	74.3	74.8	74.6	75.6	76.1	76.7	76.7	77.2	76.9	78.8	77.8	77.2	76.7	76.5	76.4	76.8	76.5	76.1	75.3	75.9	120.8	74.2
,, 20,	75.1	75.0	75.1	75.6	76.1	76.6	76.7	76.5	76.8	76.7	76.7	76.7	76.5	76.7	77.2	76.7	75.4	76.2	76.3	76.2	76.9	76.6	77.1	77.3	76.4	110.1	75.0
,, 21,	77.3	77.4	75.8	76.5	75.7	75.4	75.8	76.9	77.3	77.4	77.2	76.6	76.5	77.1	77.0	76.7	76.2	76.6	76.5	76.0	76.0	76.2	75.8	76.0	76.5	131.9	74.8
,, 22,	75.6	76.0	74.9	75.0	75.6	75.8	76.5	77.0	77.3	77.4	78.5	78.1	77.5	77.0	76.5	75.7	75.5	76.3	76.5	76.5	76.1	77.0	76.3	76.6	76.5	147.8	75.0
,, 23,	76.5	75.4	75.7	76.0	76.1	75.9	76.6	76.7	76.9	77.1	77.6	77.7	78.3	76.7	77.2	77.5	77.1	76.2	75.3	76.4	76.6	77.1	77.1	77.3	76.7	144.1	74.6
,, 24,	77.7	77.3	77.0	77.0	77.6	76.3	77.1	78.6	78.3	78.0	77.9	78.2	78.1	76.0	75.8	75.5	75.8	76.5	76.9	77.7	78.3	78.1	78.3	78.1	77.3	146.5	76.6
,, 25,	77.8	77.8	77.7	76.7	76.7	77.2	77.2	76.4	73.8	74.1	74.2	75.0	75.8	77.2	76.7	76.6	77.6	76.7	76.4	76.7	77.2	76.5	76.7	76.5	76.5	118.7	75.3
,, 26,	75.8	75.6	76.8	76.1	74.3	75.5	76.7	76.5	77.9	77.5	77.5	79.0	78.2	76.6	76.2	76.4	77.5	77.3	77.2	77.2	77.3	77.4	77.2	76.7	76.8	153.6	74.4
,, 27,	76.7	77.0	77.0	77.6	76.9	77.5	77.7	77.6	77.3	78.6	78.4	78.7	79.1	80.0	78.9	79.6	79.4	79.2	79.4	79.3	78.5	79.3	79.3	79.4	78.4	144.8	76.0
,, 28,	79.6	79.5	78.7	78.6	78.5	78.8	79.1	78.2	77.9	79.5	77.9	79.6	80.7	79.7	79.6	79.0	79.1	78.5	77.8	78.4	78.2	78.8	78.9	78.6	78.9	145.1	79.3
,, 29,	78.3	77.7	74.2	75.5	74.9	74.4	76.5	76.5	77.3	77.3	78.6	78.6	80.0	79.5	79.3	78.2	77.4	76.5	77.6	76.8	77.2	76.8	76.6	76.7	77.2	135.3	76.5
,, 30,	76.8	76.8	76.7	78.4	76.9	76.9	77.5	78.6	79.8	78.3	79.1	80.3	77.5	80.6	79.6	79.4	79.1	78.7	78.7	79.0	79.2	79.5	*79.2	*78.9	78.6	144.9	75.6
,, 31,	78.6	*78.6	*78.6	*78.6	*78.5	*78.4	78.3	78.8	78.7	79.1	78.9	78.7	79.2	78.3	79.2	78.6	78.2	77.5	77.6	78.1	77.9	78.0	78.0	78.0	78.4	142.8	78.7
Hourly Means,	77.2	77.0	76.8	76.7	76.6	76.9	77.5	77.6	77.8	77.8	78.0	77.9	78.1	78.1	78.1	77.6	77.4	77.3	77.3	77.3	77.2	77.2	77.2	77.3	77.4	140.7	75.7

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JULY, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	87	0.897	July 1,.....	83	0.889
2 „	87	.890	„ 2,.....	89	.935
3 „	87	.883	„ 3,.....	86	.914
4 „	87	.878	„ 4,.....	85	.882
5 „	87	.877	„ 5,.....	90	.875
6 „	88	.889	„ 6,.....	87	.885
7 „	86	.902	„ 7,.....	83	.898
8 „	84	.896	„ 8,.....	82	.905
9 „	81	.894	„ 9,.....	84	.904
10 „	79	.887	„ 10,.....	79	.867
11 „	77	.885	„ 11,.....	79	.887
Noon.	76	.879	„ 12,.....	84	.913
1 p	75	.834	„ 13,.....	78	.887
2 „	76	.885	„ 14,.....	75	.847
3 „	76	.886	„ 15,.....	81	.888
4 „	77	.875	„ 16,.....	84	.915
5 „	79	.876	„ 17,.....	81	.904
6 „	82	.880	„ 18, ...	76	.824
7 „	85	.891	„ 19,.....	82	.844
8 „	86	.894	„ 20,.....	82	.856
9 „	86	.891	„ 21,.....	87	.872
10 „	86	.892	„ 22,.....	85	.869
11 „	87	.895	„ 23,.....	80	.856
Midt.	88	.901	„ 24,.....	86	.895
			„ 25,.....	88	.877
			„ 26,.....	81	.861
			„ 27,.....	81	.913
			„ 28,.....	79	.920
			„ 29,.....	89	.903
			„ 30,.....	85	.931
			„ 31,.....	77	.900
Mean, ...	83	0.888	Mean,.....	83	0.888

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.
1887.														
July 1,	0.2	1.0	1.0	1.0	1.0	0.7	...	0.4	0.7	1.0	...	...	...	7.0
„ 2,	0.2	0.6	0.2	...	...	...	...	...	...	0.3	...	...	...	1.3
„ 3,	...	...	...	...	...	0.2	0.2	...	...	...	...	...	...	0.4
„ 4,	...	0.7	0.1	0.1	0.7	0.8	1.0	0.5	...	0.5	1.0	0.2	...	5.6
„ 5,	...	...	0.2	...	...	...	...	...	...	...	...	...	...	0.2
„ 6,	...	...	...	0.1	0.5	0.9	0.7	0.5	...	0.5	...	...	...	3.2
„ 7,	...	0.5	0.4	1.0	0.7	1.0	0.5	0.6	0.5	0.5	0.2	...	...	5.9
„ 8,	0.2	0.6	0.5	0.9	0.8	0.8	0.7	1.0	0.8	1.0	0.8	..	0.1	8.2
„ 9,	...	0.9	0.8	1.0	1.0	0.7	...	0.2	0.1	...	...	...	...	4.7
„ 10,	...	0.2	0.5	0.5	0.9	1.0	1.0	0.7	0.6	0.6	0.1	...	...	6.1
„ 11,	0.1	0.6	0.8	0.9	0.8	1.0	1.0	0.9	1.0	0.9	0.9	1.0	0.1	10.0
„ 12,	0.4	0.9	0.5	1.0	1.0	1.0	0.9	0.4	0.9	1.0	1.0	1.0	0.7	10 7
„ 13,	0.4	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	11.8
„ 14,	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6	11.8
„ 15,	...	0.8	0.3	0.2	0.2	0.9	0.4	...	0.5	...	...	...	0.2	3.5
„ 16,	...	0.5	0.4	0.9	0.8	0.8	...	0.9	0.9	0.5	1.0	0.6	0.5	7.8
„ 17,	...	0.3	0.5	0.6	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.7	10.0
„ 18,	0.5	0.7	1.0	0.9	1.0	0.9	0.2	0.5	0.3	0.2	...	...	...	6.2
„ 19,	...	...	...	...	...	...	...	...	0.1	...	0.1	...	...	0.2
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	..	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	0.4	0.2	0.5	...	0.5	...	0.1	...	0.2	1.9
„ 23,	...	0.9	1.0	0.8	0.9	1.0	1.0	0.5	1.0	1.0	0.3	...	...	8.4
„ 24,	...	...	0.1	0.5	1.0	...	0.1	...	...	...	...	...	...	1.7
„ 25,	...	...	...	...	...	...	...	...	...	...	...	0.2	...	0.2
„ 26,	...	...	0.1	0.4	0.7	0.1	0.1	0.6	1.0	0.1	0.2	0.2	0.1	3.6
„ 27,	0.6	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.9	1.0	1.0	0.3	11.6
„ 28,	0.2	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	...	0.2	...	9.3
„ 29,	...	...	...	...	...	...	...	0.1	0.2	...	...	...	...	0.3
„ 30,	0.3	1.0	1.0	1.0	1.0	0.9	0.5	0.3	1.0	0.9	1.0	0.9	0.4	10.2
„ 31,	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	11.6
Sums,.....	3.9	15.2	14.4	16.8	19.0	18.7	14.8	14.0	16.1	14.8	11.7	8.9	5.1	173.4
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF JULY, 1887.

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.
July 1,	...	...	...	...	..	...	...	...	...	...	...	0·050	...	...	...	...	0·030	...	...	...	...	...	0·120	...	0·200
,, 2,	...	...	...	...	...	...	...	...	0·080	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·080
,, 3,	...	...	...	...	...	...	0·010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010
,, 4,	...	...	...	...	...	0·075	...	0·095	...	...	...	...	...	...	...	...	...	...	...	...	...	0·120	...	...	0·290
,, 5,	...	...	...	...	0.010	0·070	0·410	...	1·320	0·145	...	0·275	...	...	...	...	...	...	...	...	...	...	0·010	...	2·240
,, 6,	...	...	0·115	...	0·140	0·110	0·025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·390
,, 7,	...	0·040	...	...	...	0·030	0·035	0·015	...	0·030	...	...	...	0·030	0·010	...	...	...	...	...	...	...	...	...	0·190
,, 8,	0·050	...	...	...	0·110	...	0·085	0·055	...	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·320
,, 9,	...	...	...	...	0.010	...	...	...	...	...	...	0·050	0·040	...	0·010	0·030	...	...	...	...	...	0·010	...	...	0·150
,, 10,	...	0·100	...	0·015	0·005	...	0·100	...	0·040	...	...	...	...	...	0·005	0·005	...	...	...	...	...	0·150	0·810	...	1·230
,, 11,	...	...	...	...	...	...	...	...	...	0·025	...	...	0·010	...	0·005	0·010	...	...	...	...	...	...	0·040	...	0·090
,, 12,	...	...	...	...	...	...	...	...	...	...	...	0·005	0·020	...	...	...	...	...	...	...	...	...	...	...	0·025
,, 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 16,	...	...	0·015	...	...	...	...	0·065	...	0·035	...	...	...	...	0·010	...	0·015	...	0·025	0·015	0·135	...	...	0·060	0·375
,, 17,	0·005	...	0·040	...	...	0·065	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·110
,, 18,	...	...	0·030	0·005	...	...	...	...	...	...	...	...	...	...	0·115	0·010	...	...	0·125	0·080	0·120	0·100	0·130	0·030	0·745
,, 19,	0·015	0·285	...	...	0·025	0·050	0·005	0·040	0·015	...	0·170	0·030	0·020	0·195	0·040	0·030	...	0·010	0·025	...	...	...	...	...	0·955
,, 20,	...	...	...	0·030	0·310	0·035	0·050	...	0·005	0·005	0·120	0·005	0·015	...	0·070	0·035	0·180	0·005	...	0·005	0·065	...	...	0·050	0·985
,, 21,	...	0·200	0·025	...	0·235	0·025	0·015	0·010	...	...	0·005	...	...	...	...	...	...	0·070	...	...	...	...	0·010	...	0·595
,, 22,	...	0·220	0·010	...	0·110	...	...	...	...	0·045	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·385
,, 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 24,	...	0·020	...	0·005	0·120	...	...	0·070	0·045	...	...	...	0·025	0·060	...	...	...	...	...	...	...	...	...	...	0·345
,, 25,	...	...	0·315	...	0.030	0·100	...	0·070	0·450	0·065	0·040	0·010	...	...	...	...	...	...	...	...	...	...	...	...	1·080
,, 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 29,	...	0·070	0·010	0·015	...	0·225	0·040	0·060	0·025	0·040	...	...	...	...	0·010	0·305	0·180	...	0·015	...	...	...	...	...	0·995
,, 30,	...	...	...	0·290	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·290
,, 31,	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0·070	0·935	0·560	0·360	1·105	0·785	0·775	0·480	1·980	0·410	0·335	0·425	0·130	0·285	0·275	0·425	0·405	0·085	0·190	0·100	0·320	0·380	1.120	0·140	12·075

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JULY, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
July 1,	7	6	7	7	7	4	7	2	...	0	7	4	8	8	9	8	8	12	8	10	8	17	7	19	7	13	8	11	8	12	13	13	15	11	6	3	10	2	9	8	9	6	10	7	12	6	9	2	191	8.0
.. 2,	7	5	8	8	8	5	6	5	6	5	8	3	9	6	8	11	4	7	20	5	27	6	10	9	7	14	8	10	7	14	8	9	7	9	9	9	9	9	8	9	8	10	9	7	9	7	9	5	187	7.8
.. 3,	9	5	9	5	6	6	6	3	7	7	6	5	8	6	6	3	9	4	14	7	14	12	14	9	15	9	16	6	24	3	26	5	...	1	26	3	23	2	13	4	10	5	9	13	9	12	7	9	144	6.0
.. 4,	9	14	8	11	9	11	9	9	7	11	8	11	6	14	8	15	7	14	7	15	9	17	9	20	10	21	9	19	8	15	7	16	8	17	8	14	8	9	7	9	7	5	10	7	7	4	7	2	300	12.5
.. 5,	8	5	10	4	9	7	8	10	8	9	6	7	8	7	7	10	5	11	4	5	5	6	10	6	2	4	8	2	7	8	7	7	8	13	8	10	9	9	9	9	9	9	8	7	6	5	6	5	175	7.3
.. 6,	5	5	6	6	6	6	12	3	32	3	13	3	13	2	...	1	6	4	31	3	24	6	19	8	16	9	28	6	28	9	24	6	25	5	28	4	28	4	30	2	...	1	30	2	11	2	13	4	104	4.3
.. 7,	18	4	14	3	17	7	17	7	15	4	14	3	7	4	12	4	17	10	15	12	15	12	15	9	16	10	17	14	16	11	20	7	26	5	29	5	29	2	7	4	9	6	9	8	9	6	9	5	162	6.7
.. 8,	6	3	6	7	7	8	6	5	8	10	8	6	11	3	14	11	24	6	27	5	8	8	8	7	12	11	13	13	12	13	8	13	8	12	8	11	8	8	9	11	7	11	7	12	7	19	7	26	233	9.7
.. 9,	7	22	7	24	7	24	7	26	7	24	6	27	7	27	7	3	7	31	6	30	7	27	7	23	7	17	7	23	6	20	4	12	7	17	8	16	8	19	9	18	10	17	9	26	8	22	8	22	514	22.7
.. 10,	7	27	10	37	10	33	10	33	10	40	10	41	10	38	10	37	8	41	11	44	10	45	10	43	12	39	9	39	12	34	11	31	12	36	11	29	12	28	11	31	11	32	12	29	12	26	11	33	846	35.3
.. 11,	11	33	11	31	11	29	12	30	12	30	12	29	12	28	13	28	13	25	13	23	13	23	13	24	13	19	14	19	14	17	14	20	12	20	12	11	11	12	10	15	11	16	11	14	8	12	13	13	521	21.7
.. 12,	13	12	13	11	12	9	11	8	8	6	8	7	8	6	8	8	8	13	9	13	9	16	10	14	9	12	8	16	8	17	7	15	7	14	8	14	9	11	10	9	10	7	10	4	8	3	8	5	250	10.4
.. 13,	9	5	9	4	...	1	8	3	...	1	...	1	8	3	5	2	6	3	24	6	28	8	25	11	25	9	24	8	24	7	24	5	24	3	25	3	25	2	...	1	25	2	...	1	...	1	...	1	91	3.8
.. 14,	...	1	17	2	17	2	17	3	...	0	...	1	...	1	...	1	...	1	14	3	22	2	25	7	25	7	8	7	9	6	27	5	27	5	27	4	27	2	...	1	...	0	27	2	27	2	...	1	66	2.8
.. 15,	..	1	27	3	5	5	5	4	5	5	8	7	5	9	5	11	7	12	7	17	7	21	7	19	9	24	9	21	8	23	10	19	7	20	8	16	7	15	8	15	8	18	9	21	9	17	8	9	332	13.8
.. 16,	8	11	7	8	6	10	7	9	8	14	7	15	7	17	6	17	8	18	7	19	8	22	8	23	8	20	7	23	7	23	7	27	7	25	7	22	7	19	8	26	9	25	8	19	9	17	9	21	450	18.7
.. 17,	10	16	9	13	10	12	9	11	9	12	9	14	9	14	8	16	7	14	9	21	9	21	8	20	8	19	8	21	9	22	7	19	6	17	6	19	6	17	7	20	7	22	8	20	7	21	7	17	418	17.4
.. 18,	7	15	6	14	10	14	7	12	6	10	5	8	4	12	5	12	4	9	2	7	1	10	5	11	2	8	32	7	9	17	16	7	21	3	26	2	11	13	10	14	12	12	13	8	18	5	26	10	240	10.0
.. 19,	2	8	3	11	28	8	32	14	2	18	2	5	2	7	2	8	2	14	2	12	1	10	25	4	3	5	2	9	4	10	6	13	4	19	4	21	4	21	4	22	4	20	5	26	4	21	4	22	328	13.7
.. 20,	5	28	6	30	5	36	5	43	6	41	6	45	6	40	6	42	6	46	6	46	7	43	7	42	7	38	7	41	8	45	10	50	12	41	10	33	10	27	10	34	9	36	11	29	11	32	9	31	919	38.3
.. 21,	11	56	12	26	12	14	8	14	7	11	6	10	6	8	6	14	8	17	8	21	8	21	8	18	12	16	9	18	12	16	9	19	10	23	10	23	9	17	7	11	10	16	12	12	9	11	13	8	400	16.7
.. 22,	13	6	12	5	5	4	...	1	9	4	4	5	4	5	5	5	5	5	7	5	8	4	8	9	8	16	8	15	8	14	9	5	16	8	16	7	18	6	16	4	29	3	24	3	27	2	31	2	143	6.0
.. 23,	...	1	...	1	28	2	28	2	20	2	29	2	25	2	28	4	25	6	21	5	25	9	26	7	18	10	17	12	15	11	15	4	14	8	17	7	17	3	16	6	16	6	14	6	14	6	15	7	129	5.4
.. 24,	15	11	14	7	16	6	16	5	17	7	30	2	2	3	14	4	14	6	14	10	15	12	16	9	28	16	26	16	1	2	...	1	9	7	8	13	7	12	9	14	8	13	8	16	8	17	9	13	222	9.3
.. 25,	7	13	7	13	7	16	6	18	6	14	7	18	7	23	8	19	19	10	10	6	13	4	10	5	7	3	9	7	9	7	9	7	9	5	28	4	28	4	28	4	...	1	...	1	20	2	...	1	205	8.5
.. 26,	...	0	21	2	21	4	22	5	24	6	...	0	...	1	...	1	...	1	23	5	23	10	19	9	29	8	24	10	23	9	25	10	24	7	24	7	19	7	21	9	22	7	23	7	23	5	23	3	133	5.5
.. 27,	23	7	23	8	23	8	25	11	26	11	27	5	25	9	26	13	26	15	24	15	23	12	22	14	22	13	22	14	22	19	20	17	20	14	20	12	20	12	19	17	21	17	21	18	21	17	22	14	312	13.0
.. 28,	21	15	21	18	22	12	26	14	23	11	23	8	23	7	23	7	23	11	24	13	22	13	22	12	20	14	19	17	19	15	19	16	18	17	19	14	19	10	19	16	21	12	20	11	20	12	20	16	311	13.0
.. 29,	21	18	20	18	23	7	23	2	24	6	26	6	19	4	17	2	12	4	2	2	1	2	30	5	24	3	24	4	10	9	14	8	17	4	29	5	29	2	16	4	24	5	..	1	32	3	32	2	126	5.2
.. 30,	21	2	...	1	29	4	17	8	...	0	17	2	...	1	24	4	23	3	23	6	24	10	17	10	8	6	20	6	18	9	18	11	19	16	20	14	20	18	21	13	21	13	21	10	22	9	23	6	182	7.6
.. 31,	23	7	21	13	22	13	21	16	21	9	22	8	24	9	24	11	22	15	22	16	21	23	20	24	19	30	19	31	20	29	19	28	19	29	19	29	19	26	19	25	20	21	19	21	20	18	21	19	470	19.6
Sums,	...	342	...	351	...	327	...	336	...	331	...	308	...	324	...	359	...	388	...	407	...	452	...	450	...	443	...	465	...	466	...	425	...	431	...	384	...	348	...	385	...	374	...	368	...	342	...	326	9134	380.7
Hourly Means,	...	11.0	...	11.3	...	10.5	...	10.8	...	10.7	...	9.9	...	10.5	...	11.6	...	12.5	...	13.1	...	14.6	...	14.5	...	14.3	...	15.0	...	15.0	...	13.7	...	13.9	...	12.4	...	11.2	...	12.4	...	12.1	...	11.9	...	11.0	...	10.6	294.6	12.3

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JULY, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.0	7.5	3.4	1.3	−2.4	+6.2	E 21° S
2 „	1.0	7.7	3.6	1.5	2.6	6.2	E 23° S
3 „	1.6	6.8	2.7	1.6	1.1	5.3	E 12° S
4 „	2.1	6.8	2.5	1.4	0.4	5.5	E 4° S
5 „	1.6	7.5	1.7	1.3	−0.1	6.2	E 1° S
6 „	1.8	7.5	1.4	0.8	+0.4	6.7	E 3° N
7 „	1.5	8.1	1.3	1.0	0.3	7.1	E 2° N
8 „	2 0	8.5	1.6	1.2	0.4	7.4	E 3° N
9 „	1.9	8.7	1.5	1.9	+0.3	6.8	E 3° N
10 „	1.7	8.2	2.9	2.2	−1.2	6.0	E 11° S
11 „	1.2	9.1	2.9	2.8	1.7	6.4	E 15° S
Noon.	0.5	9.5	3.8	2.6	3.3	6.8	E 26° S
1 p.	1.0	8.6	4.5	2.6	3.5	6.0	E 30° S
2 „	0.8	9.4	3.2	2.9	2.5	6.5	E 21° S
3 „	0.7	9.8	4.2	2.4	3.5	7.4	E 25° S
4 „	0.6	8.3	4.7	2.6	4.2	5.7	E 36° S
5 „	0.8	8.3	5.3	2.3	4.5	6.0	E 37° S
6 „	1.3	7.5	3.5	2.5	2.3	5.0	E 25° S
7 „	1.0	7.1	3.4	2.2	2.5	4.9	E 27° S
8 „	0.6	8.2	3.9	1.9	3.2	6.3	E 27° S
9 „	0.5	8.2	3.5	1.9	3.0	6.3	E 25° S
10 „	0.7	8.0	3.8	1.7	3.1	6.3	E 26° S
11 „	0.7	7.6	3.0	1.7	2.3	5.9	E 21° S
Midt.	0.8	7.1	2.5	1.7	−1.7	5.4	E 17° S
Mean,.....	1.1	8.1	3.1	1.9	−2.0	+6.2	E 17° S

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Se
1887.												
July 1,.....	...	...	0	SE	3	2	SE	4	2	S	4	1
„ 2,.....	...	...	0	S	4	2	S	3	1	S	4	1
„ 3,.....	...	...	0	S	4	1	S	3	0	S	3	1
„ 4,.....	...	...	2	S	5	2	S	4	1	S	5	1
„ 5,.....	...	...	1	SW	5	1	S	6	1	SW	6	1
„ 6,.....	...	...	0	S	5	0	S	4	1	S	5	0
„ 7,.....	...	...	1	SW	5	1	S	4	1	S	5	0
„ 8,.....	...	...	0	S	4	1	SW	4	1	SSW	4	1
„ 9,.....	...	...	2	E	7	3	E	6	3	E	5	3
„ 10,.....	...	...	3	SE	7	3	SE	6	4	SE	6	3
„ 11,.....	...	...	2	SSW	6	2	SSW	5	2	SW	5	1
„ 12,.....	...	...	1	SE	4	1	SE	4	1	SE	3	1
„ 13,.....	...	...	1	SE	3	1	SW	2	1	SW	3	1
„ 14,.....	...	...	0	S	3	0	SE	2	0	SW	3	0
„ 15,.....	...	...	0	E	5	2	SE	4	3	E	4	3
„ 16,.....	...	...	2	E	4	4	E	5	3	E	5	3
„ 17,.....	...	...	2	ESE	5	2	E	4	2	E	5	2
„ 18,.....	...	...	2	NE	4	2	NNE	5	2	E	4	3
„ 19,.....	...	...	3	ENE	4	4	E	5	5	E	6	6
„ 20,.....	...	...	6	E	7	6	SE	7	5	SE	6	5
„ 21,.....	...	...	1	E	4	1	SE	5	1	SE	5	1
„ 22,.....	...	...	1	SSW	4	1	S	3	1	SSW	4	1
„ 23,.....	...	...	0	SW	4	1	S	3	2	S	4	2
„ 24,.....	...	...	1	SSW	4	1	SSW	4	0	SW	4	1
„ 25,.....	...	...	2	ENE	3	2	ENE	3	1	NE	3	0
„ 26,.....	...	...	0	SW	4	0	SW	5	1	SW	5	1
„ 27,.....	...	...	1	WNW	5	2	SSW	6	2	SSW	6	3
„ 28,.....	...	...	2	W	4	2	SW	6	4	S	5	3
„ 29,.....	...	...	0	NW	3	0	SW	3	1	SW	5	1
„ 30,.....	...	...	0	W	3	1	SW	4	2	SW	5	2
„ 31,.....	...	...	2	SW	4	3	SW	6	3	SW	5	3
Mean,.....	...	...	1.2	S 18° E	4.4	1.7	S 15° E	4.4	1.8	S 7° E	4.6	1.8

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
July 1,.....	27.973	27.965	28.001	76.2	78.2	75.7	143.6	79.5	74.2	74.3
" 2,.....	28.084	28.043	.052	74.2	76.4	75.4	137.6	79.1	73.7	73.4
" 3,.....	.111	.071	.082	75.9	75.8	75.0	142.4	77.6	74.7	73.6
" 4,.....	.076	.025	.011	74.9	75.4	74.5	137.6	77.1	73.2	72.6
" 5,.....	.048	27.992	27.992	73.7	74.7	73.8	132.5	76.5	73.2	73.8
" 6,.....	.020	.971	.998	73.8	73.8	73.2	138.4	76.8	72.5	70.8
" 7,.....	.027	.991	.997	75.0	75.4	73.4	136.3	76.6	73.2	73.4
" 8,.....	.021	.985	.968	75.8	77.8	75.2	144.5	78.3	73.4	73.4
" 9,.....	27.992	.954	.940	75.7	75.7	74.7	128.1	76.5	74.7	71.6
" 10,.....	.946	.931	.961	75.8	76.4	74.4	134.2	76.5	73.3	70.8
" 11,.....	28.018	28.008	28.047	75.0	76.0	75.0	136.5	76.6	74.2	72.6
" 12,.....	.086	.079	.055	76.2	76.8	75.4	142.6	78.9	74.7	73.3
" 13,.....	.082	.043	.039	76.0	78.8	76.8	141.8	80.3	74.1	72.6
" 14,.....	.042	27.953	27.958	78.4	80.2	77.8	149.7	81.3	75.5	71.6
" 15,.....	27.967	.971	.949	75.2	77.2	75.8	134.4	77.8	72.7	73.6
" 16,.....	.943	.888	.920	77.8	76.8	76.0	130.2	79.3	74.7	72.4
" 17,.....	.917	.875	.817	77.0	78.0	76.0	133.3	78.9	74.3	71.6
" 18,.....	.844	.803	.748	77.2	76.0	75.2	137.6	81.3	75.0	72.4
" 19,.....	.717	.665	.636	73.8	73.8	73.9	119.3	75.5	73.3	71.4
" 20,.....	.594	.607	.760	73.5	74.8	72.8	103.0	74.9	72.8	70.4
" 21,.....	.783	.779	.821	73.8	73.7	73.7	122.2	74.9	72.5	71.3
" 22,.....	.840	.819	.803	74.0	75.8	73.2	137.6	78.1	73.2	72.4
" 23,.....	.814	.761	.766	74.2	77.2	73.8	138.8	77.9	73.2	71.8
" 24,.....	.784	.775	.804	75.2	74.2	74.5	141.7	75.9	72.9	71.6
" 25,.....	.835	.801	.810	72.0	74.8	73.9	137.6	75.6	72.0	72.4
" 26,.....	.896	.871	.898	75.8	75.2	74.4	144.7	77.3	73.5	72.4
" 27,.....	.892	.809	.824	75.5	76.4	76.5	142.8	79.3	74.2	74.4
" 28,.....	.804	.748	.716	76.7	75.9	76.0	142.8	78.3	75.3	75.4
" 29,.....	.832	.812	.806	75.2	76.4	73.8	129.1	77.5	73.3	71.6
" 30,.....	.820	.811	.802	77.2	77.2	74.8	142.8	78.3	73.8	72.4
" 31,.....	.888	.860	.900	76.9	75.4	75.4	139.4	77.3	74.8	74.3
Mean,.....	27.926	27.893	27.900	75.4	76.2	74.9	136.2	77.7	73.7	72.6

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
July 1,.....	77	68	89	95	85	94	0.928	0.852	0.914	0.867	0.821	0.840
" 2,.....	86	85	92	98	91	92	.910	.953	.949	.827	.834	.807
" 3,.....	77	80	93	94	94	94	.908	.902	.920	.842	.843	.820
" 4,.....	82	73	78	95	87	93	.891	.830	.785	.829	.771	.794
" 5,.....	92	82	93	95	95	96	.857	.848	.904	.789	.816	.803
" 6,.....	82	85	85	99	95	95	.910	.864	.870	.823	.796	.783
" 7,.....	79	76	91	98	95	94	.879	.885	.910	.854	.835	.777
" 8,.....	89	75	85	94	85	95	1.008	.862	.894	.839	.814	.834
" 9,.....	79	90	76	95	95	95	0.885	.934	.777	.848	.852	.816
" 10,.....	75	81	75	93	90	93	.867	.911	.803	.827	.819	.795
" 11,.....	74	74	82	97	96	97	.861	.880	.871	.841	.865	.841
" 12,.....	80	76	90	93	89	95	.946	.882	.923	.838	.814	.843
" 13,.....	79	66	83	94	90	92	.926	.870	.889	.849	.889	.847
" 14,.....	63	61	83	88	85	87	.785	.807	.874	.852	.872	.826
" 15,.....	70	83	88	97	93	96	.848	.916	.966	.846	.875	.859
" 16,.....	83	77	85	91	93	93	.890	.916	.908	.868	.860	.841
" 17,.....	80	77	84	93	90	93	.912	.899	.903	.870	.866	.841
" 18,.....	67	76	86	93	84	86	.820	.768	.807	.867	.759	.758
" 19,.....	79	86	77	95	98	95	.838	.911	.839	.796	.819	.802
" 20,.....	83	86	84	95	94	95	.867	.876	.867	.791	.810	.769
" 21,.....	90	81	86	96	95	93	.910	.860	.861	.803	.789	.776
" 22,.....	85	71	90	96	85	98	.896	.796	.899	.809	.762	.795
" 23,.....	73	73	85	92	84	88	.841	.856	.884	.777	.789	.733
" 24,.....	77	84	90	97	98	91	.886	.838	.933	.846	.831	778
" 25,.....	91	79	92	93	94	94	.815	.848	.891	.733	.814	.790
" 26,.....	72	69	88	93	86	95	.852	.810	.905	.827	.754	.808
" 27,.....	76	77	88	91	98	94	.901	.934	.965	.806	.894	.859
" 28,.....	74	78	84	85	98	96	.922	.921	.935	.787	.879	.865
" 29,.....	91	91	91	98	96	98	.913	.931	.897	.850	.877	.819
" 30,.....	75	75	89	91	93	94	.885	.920	.975	.850	.875	.814
" 31,.....	72	73	81	91	96	96	.903	.8[illegible]9	.905	.845	.857	.87[illegible]
Mean, ...	79	78	86	94	92	91	0.886	0.877	0.891	0.829	0.851	0.813

TABLE XII.

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.	Direc
1887.												
July 1, ...	1	c-str. / cum.	...	0	...	...	3	c-str. / cum.	S	6	c-str. / cum.	EN / SS
„ 2, ...	7	c-str.	NNE	7	cum.	SSE	8	c-str. / cum.	NNE / SSE	9	c-str. / c-cum. / cum-str.	N / ... / S
„ 3, ...	7	c-str. / cum-str.	SSE	7	cum-str.	SSE	8	c-str. / c-cum. / cum-str.	N / NE / SSE	10	c-str. / cum-str.	SS
„ 4, ...	10	cum-str.	SE	6	cum.	SSE	7	c-str. / cum.	ESE	7	c-str. / sm-cum. / cum.	NW / SW / SE
„ 5, ...	10	c-str.	NW	7	cum.	SE	10	sm-cum. / nim.	SE	10	c-str. / cum-str. / nim.	S
„ 6, ...	10	c-str. / cum.	SE	9	c-str. / cum.	SE	10	c-str. / cum.	SSW	9	c-str. / sm-cum. / cum.	E / W / SW
„ 7, ...	10	c-str. / cum.	S	7	c-str. / cum.	S	8	c-str. / cum.	S	8	c-str. / nim.	NE / SSW
„ 8, ...	10	c-str. / sm cum. / cum-str.	.... / SW / ESE	8	c-str. / cum.	ESE	9	c-str. / nim.	S	5	c-str. / cum.	NNE / S
„ 9, ...	10	c-str. / cum.	E	8	c-str. / cum.	E	8	c-str. / cum.	ESE	8	cum.	E
„ 10, ...	10	cum.	ESE	8	cum.	ESE	8	c-cum. / cum.	ESE	8	c-cum. / R-cum.	SE
„ 11, ...	8	cum.	SE	8	cum.	SE	8	cum.	SE	8	c-str. / cum.	ENE / SE
„ 12, ...	8	cum.	SE	6	cum.	SE	3	cum.	SE	6	cum.	SE
„ 13, ...	1	cum.	...	2	cum.	SE	4	c-str. / cum.	ENE / S	5	cum-str.	SE
„ 14, ...	0	...	...	1	cum.	...	0	...	...	1	c-str. / cum.	SE
„ 15, ...	6	c-str.	E	1	cum.	...	7	c-str. / cum.	E / E	9	c-cum. / cum.	E
„ 16, ...	8	cum.	SE	6	cum.	E	8	c. / cum.	E	10	nim.	E
„ 17, ...	2	cum.	ESE	1	cum.	ESE	7	c-str. / cum.	ENE / ESE	7	c-str. / R-cum.	NE / ESE
„ 18, ...	3	cum.	E	5	cum.	E	7	c-str. / cum.	S / E	7	cum.	EN
„ 19, ...	10	nim.	ENE	10	cum-nim.	ENE	10	cum. / cum-nim.	ENE / NE	10	nim.	EN
„ 20, ...	9	cum.	NE	10	str. / nim.	ENE	10	c-cum. / nim.	ESE / E	10	nim.	E
„ 21, ...	8	nim.	ESE	7	c-str. / cum.	SE	9	c-str. / cum.	S / SE	10	c-str. / nim.	SE
„ 22, ...	10	nim.	...	9	nim.	...	10	sm-cum. / cum.	SSW	9	c-cum. / cum.	N / SSW
„ 23, ...	3	str.	...	0	...	...	7	c-str. / c-cum. / cum.	.... / ENE / WSW	8	c-str. / c-cum. / cum.	.... / ENE / WSW
„ 24, ...	10	cum-nim.	SW	9	cum.	SSW	8	c-cum. / cum.	SSW	10	c-cum. / R-cum.	SSW
„ 25, ...	10	cum.	E	10	cum-nim.	E	10	nim.	E	10	str. / nim.	WSW
„ 26, ...	3	c-str.	...	2	c-str. / cum.	SE	10	c str. / sm-cum. / cum.	.... / W / ESE	8	sm-cum. / cum.	W / SW
„ 27, ...	0	...	...	0	...	...	0	...	...	1	c-str. / sm-cum. / cum.	.... / NNW / W
„ 28, ...	9	c-str. / cum.	SW	7	c-str. / cum.	WSW	4	c-str. / sm-cum. / cum.	.... / WNW / W	5	c-str / c-cum. / cum.	ENE / ENE / WSW
„ 29, ...	10	cum.	WSW	10	cum.	WSW	10	nim.	W	10	str. / nim.	SW
„ 30, ...	7	c-str. / cum.	N / WSW	8	nim.	WSW	7	c-str. / cum.	ENE / W	2	c-str. / cum.	I / WSW
„ 31, ...	2	c-str. / sm-cum.	NNE	1	c-str. / cum.	SW	0	...	...	2	c-cum. / cum.	WNW / WSW
Mean, ...	6.8	...	...	5.8	...	...	7.0	...	...	7.4	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
July 1,.....	9	c-str. / cum.	NNE / SSE	9	cum-str.	S	10	c-str. / cum-str.	SE	10	c-str. / cum-str.	SE	6.0
" 2,.....	10	c-str. / cum-str.	S	10	c-str. / cum.	SSW	10	c-str.	...	9	c-str. / sm-cum.	SSE	8.7
" 3,.....	10	cum-str.	SSE	10	c-str. / cum-str.	S	10	c-str. / cum-str.	SE	10	c-str. / cum.	S	9.0
" 4,.....	10	c-str. / cum.	NNW / SSE	10	c-str. / cum.	NNW / SSE	10	c-str. / cum-str.	SE	10	c-str. / nim.	SSE	8.8
" 5,.....	10	c-str. / cum.	SSE	10	str-cum. / cum.	S	10	c str. / cum-str. / cum.	S	10	c-str. / cum-str. / cum.	.... / NE / S	9.6
" 6,.....	9	c-str. / cum.	NE / SSW	9	c-str. / cum.	NE / SW	10	c-str. / cum.	NE / SSW	10	c-str. / cum.	ENE / S	9.5
" 7,.....	9	c-str. / cum.	NE / SSW	10	c str. / cum.	NE / SSW	10	c-str. / cum.	S	10	c-str. / cum.	S	9.0
" 8,.....	7	c-str. / cum.	N / SSE	9	c-str. / cum.	NNW / SSE	10	c-str. / cum.	NE / E	9	c-str. / cum.	NNE / E	8.4
" 9,.....	10	cum-nim	ESE	10	str-cum. / nim.	E	10	str. / nim.	ESE	10	str. / nim.	E	9.2
" 10,.....	10	c-str. / cum.	NNW / SE	10	c-str. / cum.	SE	10	cum-nim.	SE	10	nim.	ESE	9.3
" 11,.....	7	c-str. / cum.	NNE / SE	6	cum.	SE	9	c. / cum.	ENE / SE	0	...	...	6.7
" 12,.....	4	c-str. / cum.	SE	3	cum.	SE	0	...	...	0	...	...	3.8
" 13,.....	3	cum.	SE	7	cum.	NNE	2	c-cum.	ENE	0	...	...	3.0
" 14,.....	6	c-str. / cum.	ESE	3	c-str. / cum.	NE /	4	c-str.	ENE	0	...	...	1.9
" 15,.....	10	nim.	E	9	c-str. / cum.	E E / E	6	c. / cum.	ENE / E	9	cum.	E	7.1
" 16,.....	9	c. / c-str. / cum.	NW / WNW / E	7	cum.	E	10	c-str. / cum-nim.	ENE / E	3	cum.	ESE	7.6
" 17,.....	7	cum-str.	E	2	cum.	E	6	cum.	E	4	cum-nim.	E	4.5
" 18,.....	10	c-str. / cum.	SSW / ENE	10	str-cum. / nim.	NE /	10	nim.	...	10	nim.	...	7.7
" 19,.....	10	nim.	ENE	10	c-str. / cum. / cum-nim.	.... / ESE / ENE	10	str. / R-cum.	ENE	10	cum-nim.	ENE	10.0
" 20,.....	10	R-cum.	E	10	cum. / R-cum.	ESE / ESE	7	c-cum. / cum.	ENE / ESE	4	cum.	SE	8.8
" 21,.....	10	c-str. / cum.	NW / SE	10	str-cum. / cum.	SE	10	str-cum. / cum-nim.	SE	10	str. / cum-nim.	SE	9.2
" 22,.....	10	c-cum. / str-cum. / cum.	.... / W / SSW	10	sm-cum.	SE	6	c-cum. / cum.	SE / SW	0	...	...	8.0
" 23,.....	7	c-str. / cum.	NE / WSW	10	c-str. / sm-cum.	NNE / SW	8	c-str. / cum.	SW	9	c-str. / cum.	SSW	6.5
" 24,.....	10	R-cum.	SSW	10	str-cum.	...	10	str. / sm cum. / cum-nim.	.... / S / SE	10	c-str. / cum.	SSE	9.6
" 25,.....	10	str. / nim.	WSW	10	sm-cum.	W	9	c-str.	NW	1	c-str.	...	8.8
" 26,.....	10	sm-cum. / cum.	W / SW	7	c-str. / sm-cum.	W	7	c. / cum.	WNW / WSW	8	c-cum.	W	6.9
" 27,.....	5	c-str. / cum.	E / W	7	c-str. / R-cum.	ENE / WSW	6	c-cum. / cum.	NW / WSW	10	c-str. / cum.	WSW	3.6
" 28,.....	4	c-str. / c-cum. / cum.	E / ENE / WSW	8	c-str. / c-cum. / cum.	E / NE / SW	10	c-cum. / cum.	ENE / SW	10	c-cum. / cum.	WSW	7.1
" 29,.....	10	c-str. / cum.	ENE / WSW	10	str. / nim.	SW	10	cum. / nim.	SW	8	cum.	S	9.7
" 30,.....	10	c-cum. / cum. / nim.	E / ESE / WSW	4	c-str. / cum.	NE / WSW	6	c-str. / cum.	N / WSW	10	c-str. / cum.	N / WSW	6.8
" 31,.....	1	cum.	WSW	5	c-str. / cum.	E E / WSW	4	c. / cum.	NE / WSW	8	c-cum. / cum.	NE / SW	2.9
Mean,.....	8.3	...	...	8.2	...	...	8.1	...	...	7.2	...	...	7.3

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
July 1,.....	0.280	3	0.52	0.75
„ 2, ...	0.010	1	...	...
„ 3,.....	0.170	1	...	...
„ 4,.....	2.075	4	1.70	2.79
„ 5,.....	0.675	4	1.50	1.37
„ 6,.....	0.150	2	0.32	0.57
„ 7,.....	0.360	3	0.50	...
„ 8,.....	0.010	1	...	0.35
„ 9,.....	0.400	6	0.68	...
„ 10,.....	0.970	3	0.38	...
„ 11,.....	0.090	1	...	...
„ 12,.....	0.025	1	...	...
„ 13,.....	...	...	...	...
„ 14,.....	...	...	...	...
„ 15,.....	0.115	2	0.08	...
„ 16,.....	0.370	3	...	0.25
„ 17,.....	0.035	1	0.18	0.17
„ 18,.....	1.145	12	1.01	2.06
„ 19,.....	0.955	12	0.78	1.55
„ 20,.....	1.060	10	1.17	1.41
„ 21,.....	0.470	4	0.25	...
„ 22,.....	...	...	...	...
„ 23,.....	0.260	2	0.05	...
„ 24,.....	1.115	7	2.15	2.24
„ 25,.....	0.050	2	0.10	...
„ 26,.....	...	...	...	...
„ 27,.....	...	...	...	...
„ 28,.....	0.485	8	0.37	2.52
„ 29,.....	0.800	4	0.90	1.96
„ 30,.....	...	...	...	...
„ 31,.....	...	...	...	...
Total,.....	12.075	97	12.64	17.99

W. Doberck,
Government Astronomer.

Hongkong Observatory, 23rd August, 1887.

HONGKONG OBSERVATORY.

Weather Report for August, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock. It contains also information concerning the first appearance and progress of typhoons.

It was hazy on the mornings of the 10th, 13th, 23rd, 24th, 28th, 29th and 31st.

Dew fell on the 6th, 7th, 8th, 9th, 11th, 12th, 18th, 19th, 21st, 23rd, 26th, 27th, 28th, 29th, 30th and 31st.

Lightning was seen on the evenings of the 13th, 14th, 18th and 20th.

Lightning accompanied by thunder was noted on the early morning of the 12th and on the evenings of the 23rd, 24th, 28th, 30th and 31st.

Thunder was heard on the afternoon of the 20th.

On the 25th between $9^{h.}$ $30^{m.}$ and $10^{h.}$ $30^{m.}$ p. a thunderstorm passed from NW to SE. It was nearest (24s.) at $9^{h.}$ $58^{m.}$ p.

On the 27th from $12^{h.}$ $30^{m.}$ to $1^{h.}$ $30^{m.}$ p. a thunderstorm was passing from SW to NE. It was nearest (5s.) at $12^{h.}$ $37^{m.}$ p.

Solar halos were observed on the 1st, 2nd, 3rd, 4th, 14th and 23rd.

Lunar halos were seen on the 1st, 3rd, 5th, 8th and 24th.

Lunar coronas were seen on the 26th and 27th.

A rainbow was observed at $7^{h.}$ a. on the 4th, and at $6^{h.}$ $30^{m.}$ a on the 12th.

Visibility was noted on the 18th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	36	10	3.6
NE	335	39	8.6
E	2861	241	11.9
SE	1020	71	14.4
S	946	90	10.5
SW	2090	131	16.0
W	555	68	8.2
NW	114	16	7.1
Calm	46	78	0.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF AUGUST, 1887.

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, ...	29.592	29.586	29.580	29.580	29.584	29.599	29.620	29.634	29.644	29.644	29.646	29.636	29.618	29.601	29.576	29.571	29.586	29.584	29.604	29.621	29.634	29.665	29.670	29.656	29.614
,, 2, ...	.646	.630	.612	.613	.608	.615	.628	.639	.654	.660	.663	.638	.610	.591	.583	.579	.575	.565	.591	.609	.615	.614	.612	.599	.615
,, 3, ...	.580	.579	.581	.570	.573	.583	.591	.597	.602	.603	.599	.601	.585	.563	.550	.538	.526	.526	.542	.568	.575	.590	.598	.598	.576
,, 4, ...	.594	.585	.580	.584	.591	.597	.601	.608	.618	.622	.623	.621	.611	.597	.596	.594	.596	.615	.633	.647	.669	.688	.682	.682	.618
,, 5, ...	.681	.675	.675	.678	.686	.692	.714	.727	.736	.734	.736	.731	.725	.709	.699	.687	.687	.696	.709	.723	.740	.750	.745	.740	.711
,, 6, ...	.730	.720	.711	.719	.719	.729	.750	.761	.770	.781	.775	.766	.745	.724	.711	.695	.685	.678	.684	.694	.700	.708	.715	.715	.724
,, 7, ...	.716	.708	.712	.715	.718	.727	.737	.751	.765	.766	.759	.746	.721	.708	.697	.675	.668	.661	.669	.687	.697	.711	.707	.717	.714
,, 8, ...	.715	.697	.686	.682	.684	.708	.711	.723	.725	.728	.720	.698	.676	.664	.650	.642	.648	.662	.675	.706	.718	.725	.731	.723	.696
,, 9, ...	.724	.715	.714	.719	.714	.732	.746	.755	.754	.744	.741	.730	.725	.715	.705	.690	.686	.690	.699	.717	.726	.738	.739	.737	.723
,, 10, ...	.734	.729	.726	.735	.742	.757	.780	.792	.798	.796	.795	.777	.766	.739	.739	.730	.736	.736	.749	.760	.775	.779	.784	.778	.760
,, 11, ...	.767	.756	.758	.762	.768	.777	.789	.795	.805	.798	.788	.767	.756	.738	.729	.723	.727	.730	.735	.747	.771	.789	.789	.784	.764
,, 12, ...	.777	.768	.759	.758	.764	.762	.776	.774	.773	.775	.758	.744	.731	.717	.703	.691	.686	.683	.693	.716	.724	.742	.751	.747	.741
,, 13, ...	.736	.715	.710	.710	.713	.717	.722	.733	.741	.737	.729	.712	.690	.674	.659	.639	.642	.645	.661	.678	.711	.728	.724	.712	.702
,, 14, ...	.683	.646	.643	.655	.661	.664	.679	.691	.696	.694	.680	.668	.646	.641	.604	.602	.601	.614	.627	.632	.646	.662	.651	.641	.651
,, 15, ...	.636	.616	.600	.598	.583	.599	.589	.600	.605	.616	.614	.603	.584	.579	.565	.556	.565	.572	.591	.614	.631	.659	.664	.647	.604
,, 16, ...	.644	.647	.642	.625	.650	.656	.679	.721	.736	.744	.751	.743	.740	.754	.754	.759	.764	.771	.769	.782	.790	.804	.804	.796	.730
,, 17, ...	.768	.763	.758	.759	.754	.769	.795	.808	.820	.821	.836	.820	.802	.784	.767	.755	.751	.756	.771	.787	.815	.823	.806	.789	.787
,, 18, ...	.764	.743	.729	.727	.724	.729	.737	.748	.755	.754	.748	.742	.732	.718	.700	.688	.678	.684	.698	.725	.737	.753	.740	.718	.728
,, 19, ...	.697	.688	.687	.690	.689	.690	.704	.713	.715	.718	.717	.697	.678	.667	.663	.651	.651	.663	.675	.700	.718	.724	.722	.713	.693
,, 20, ...	.699	.682	.670	.657	.666	.674	.688	.698	.704	.702	.704	.698	.684	.682	.680	.682	.678	.679	.695	.712	.723	.729	.726	.725	.693
,, 21, ...	.708	.685	.673	.654	.679	.674	.683	.730	.739	.749	.758	.761	.751	.746	.728	.729	.727	.743	.752	.765	.778	.768	.767	.764	.730
,, 22, ...	.747	.733	.730	.731	.730	.729	.735	.737	.742	.737	.742	.738	.735	.734	.728	.721	.721	.710	.710	.721	.739	.756	.759	.752	.734
,, 23, ...	.748	.730	.711	.706	.706	.709	.718	.717	.724	.734	.724	.720	.704	.680	.665	.650	.643	.656	.673	.691	.713	.715	.702	.699	.702
,, 24, ...	.688	.677	.668	.669	.676	.693	.702	.715	.723	.722	.714	.704	.685	.654	.641	.635	.649	.647	.661	.673	.681	.705	.699	.694	.682
,, 25, ...	.691	.683	.679	.679	.683	.695	.721	.735	.751	.765	.760	.746	.726	.704	.684	.669	.667	.677	.684	.707	.743	.743	.741	.731	.711
,, 26, ...	.724	.707	.689	.684	.689	.687	.702	.715	.725	.741	.746	.723	.692	.681	.672	.668	.668	.655	.664	.679	.687	.702	.702	.697	.696
,, 27, ...	.682	.673	.656	.658	.658	.656	.669	.682	.694	.698	.686	.678	.687	.674	.661	.641	.642	.647	.670	.689	.716	.734	.723	.713	.679
,, 28, ...	.688	.666	.668	.674	.683	.696	.729	.738	.754	.763	.764	.748	.726	.719	.704	.680	.677	.697	.720	.745	.770	.786	.787	.768	.723
,, 29, ...	.752	.745	.732	.733	.740	.750	.775	.793	.799	.799	.799	.790	.768	.748	.730	.718	.721	.732	.744	.775	.796	.822	.816	.803	.766
,, 30, ...	.791	.765	.757	.757	.767	.783	.795	.795	.801	.808	.803	.796	.776	.750	.732	.714	.724	.742	.758	.792	.802	.810	.803	.800	.776
,, 31, ...	.784	.768	.765	.763	.758	.766	.786	.802	.808	.806	.796	.778	.750	.729	.715	.696	.692	.698	.731	.765	.785	.810	.811	.808	.765
Hourly Means, ...	29.706	29.693	29.686	29.685	29.689	29.697	29.711	29.723	29.731	29.734	29.731	29.720	29.704	29.690	29.677	29.667	29.667	29.671	29.685	29.704	29.720	29.733	29.731	29.724	29.703

TABLE II.

TEMPERATURE FOR THE MONTH OF AUGUST, 1887.

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,	81.6	81.6	81.7	81.7	82.0	82.5	83.5	83.9	85.5	84.5	83.6	83.7	84.6	86.1	85.7	84.6	84.4	84.1	82.8	82.5	82.5	82.4	82.3	82.3	83.3	86.1	81.6
„ 2,	82.0	82.2	82.2	82.0	81.9	81.8	82.6	83.4	84.8	85.3	85.6	86.8	86.9	86.1	86.3	85.2	84.5	83.1	83.0	82.2	82.3	82.7	82.0	82.3	83.6	86.9	81.7
„ 3,	82.1	81.5	81.8	81.7	82.2	81.8	82.7	83.1	83.0	85.4	85.7	85.6	84.7	84.3	84.1	84.4	84.4	82.8	83.0	82.0	81.8	82.0	81.8	82.0	83.1	85.7	81.1
„ 4,	81.4	81.0	82.0	81.7	81.2	81.4	81.9	81.8	82.9	84.2	83.3	85.4	85.0	84.9	85.8	85.3	83.5	82.7	82.6	82.0	82.3	81.8	81.8	82.2	82.8	86.2	80.5
„ 5,	81.9	81.7	81.4	81.9	81.4	80.6	81.3	82.4	83.4	84.6	84.1	86.4	85.5	85.7	86.1	84.5	83.9	83.1	82.1	80.2	80.2	81.2	81.2	81.1	82.7	86.4	80.2
„ 6,	80.6	80.0	80.2	79.8	79.5	80.0	81.8	83.0	84.3	85.1	85.7	86.8	86.9	86.7	85.9	85.0	83.8	82.4	81.0	80.8	80.8	80.7	81.4	80.0	82.6	86.9	79.4
„ 7,	80.3	79.6	79.6	79.5	79.7	79.9	80.8	82.1	82.7	84.2	83.8	85.3	87.1	86.9	86.8	85.7	84.2	82.4	80.0	79.9	79.9	79.7	79.4	79.8	82.1	87.9	79.4
„ 8,	80.0	80.0	79.4	79.1	78.7	78.8	79.7	80.8	81.8	82.4	84.7	85.9	86.7	87.2	87.4	87.6	86.4	82.0	81.2	80.3	79.1	79.0	78.7	78.6	81.9	87.8	78.6
„ 9,	78.9	78.6	78.6	78.0	77.5	77.8	79.0	81.3	81.7	82.7	84.4	86.2	85.2	85.5	85.4	84.4	83.2	81.9	80.1	80.0	79.9	79.8	78.7	78.0	81.1	86.2	77.3
„ 10,	76.2	76.0	76.8	76.5	76.8	77.3	80.0	82.1	82.7	83.0	84.6	85.4	86.8	87.1	84.9	82.9	83.5	82.8	80.9	79.4	79.2	78.7	78.6	78.9	80.9	87.1	76.0
„ 11,	79.0	78.6	78.9	78.8	79.0	78.7	80.1	81.6	82.8	84.7	84.3	85.0	84.9	85.1	84.5	84.1	83.2	81.6	81.1	81.1	80.8	80.6	80.1	80.4	81.6	85.6	78.3
„ 12,	80.4	79.8	80.2	79.9	80.0	79.8	81.1	83.0	84.8	84.7	85.4	86.4	85.9	85.6	85.3	84.5	84.1	83.4	82.5	81.4	81.0	80.9	80.6	80.1	82.5	86.4	79.5
„ 13,	80.5	80.2	80.1	79.3	79.5	79.9	82.0	82.9	83.8	86.0	86.3	86.8	86.9	87.9	88.0	87.0	85.6	83.9	83.0	82.5	82.4	82.2	81.6	81.6	83.3	88.6	79.3
„ 14,	80.9	80.5	81.1	80.7	80.6	80.3	81.3	83.4	84.8	85.6	86.5	86.5	86.1	85.9	85.0	84.8	83.8	82.9	81.9	81.6	80.8	80.6	80.7	80.0	82.8	86.5	80.0
„ 15,	79.8	78.3	79.2	78.5	80.3	77.0	78.2	77.8	78.1	76.0	76.5	77.1	79.1	78.7	76.3	76.4	77.4	78.7	78.5	76.6	77.4	78.4	77.5	78.4	77.9	81.9	76.0
„ 16,	79.1	79.4	79.0	77.6	76.7	76.6	77.6	77.9	79.4	81.1	81.2	80.9	80.6	77.1	76.3	75.6	74.9	74.5	75.6	75.0	75.2	75.8	76.9	76.1	77.5	81.6	74.1
„ 17,	76.2	76.6	77.2	76.3	77.2	76.8	74.9	75.5	75.7	75.7	76.1	76.9	78.5	78.9	77.1	77.5	77.2	76.6	76.0	76.1	77.4	75.1	75.1	76.4	76.5	79.4	73.8
„ 18,	76.0	75.9	76.1	76.2	76.2	75.8	77.7	78.7	80.4	80.5	81.9	81.0	80.9	81.8	81.4	81.2	80.3	80.6	78.2	77.0	77.0	77.1	77.2	76.9	78.6	81.9	75.6
„ 19,	76.0	75.9	75.9	76.2	76.0	76.1	77.9	80.1	81.2	81.6	81.6	81.7	82.4	81.7	81.5	81.3	81.1	79.4	79.0	78.5	77.5	77.7	77.1	76.8	78.9	82.4	75.7
„ 20,	76.9	76.9	76.8	76.9	76.9	76.7	78.6	78.6	77.9	79.9	81.1	82.0	80.9	80.0	77.5	75.6	74.1	75.1	75.7	76.5	76.7	76.3	76.7	77.0	77.6	82.7	74.1
„ 21,	77.1	77.5	77.9	77.8	78.0	77.3	77.4	74.8	75.4	76.6	76.7	76.6	76.8	76.5	77.0	76.0	75.3	74.9	76.1	75.2	76.0	75.7	75.7	75.7	76.4	78.7	74.8
„ 22,	75.9	75.8	76.8	76.2	76.4	76.4	77.4	78.9	80.4	80.8	81.1	81.7	83.0	81.3	80.9	81.0	78.7	79.0	78.9	78.6	78.1	77.8	77.7	77.7	78.8	83.1	75.4
„ 23,	77.3	77.6	76.8	76.6	76.8	76.9	77.9	80.3	81.8	83.9	83.9	84.4	85.9	85.8	85.9	85.1	85.6	83.6	80.7	79.9	79.3	79.2	78.8	78.2	80.9	85.9	76.5
„ 24,	78.0	77.6	77.9	77.3	77.8	77.6	78.6	79.8	81.6	82.6	83.8	84.9	85.3	85.7	86.2	84.5	83.6	83.1	81.8	81.7	81.4	81.0	80.6	81.0	81.4	86.2	77.2
„ 25,	81.1	80.9	80.7	82.1	80.1	81.0	81.0	81.0	80.9	77.9	80.1	81.0	81.8	81.9	83.9	83.5	81.3	80.9	79.5	80.3	78.9	74.3	74.6	74.5	80.1	83.9	73.1
„ 26,	75.3	75.2	75.8	75.6	75.8	75.9	77.1	78.0	76.3	74.4	74.9	75.0	77.4	77.9	77.9	77.1	76.5	76.1	76.2	76.0	77.2	76.9	76.8	75.7	76.3	79.6	72.9
„ 27,	75.8	75.6	75.7	75.8	76.3	77.1	78.1	79.2	80.3	81.2	81.4	80.4	78.9	75.3	76.6	77.3	77.6	77.0	77.2	76.8	76.4	76.9	77.0	77.1	77.5	81.9	75.3
„ 28,	76.9	77.5	76.9	76.8	76.6	76.6	77.4	79.8	79.8	80.0	82.0	83.3	82.3	82.6	83.6	81.9	80.2	80.1	79.9	80.4	79.4	78.9	78.9	78.8	79.6	84.0	76.5
„ 29,	77.9	77.6	77.5	77.5	77.6	77.4	79.0	81.1	81.9	84.0	84.8	85.1	84.8	83.4	83.6	84.2	82.8	81.2	80.6	79.2	79.0	78.6	78.1	78.1	80.6	85.1	77.3
„ 30,	77.7	77.4	77.5	77.4	77.6	77.6	79.2	80.9	81.9	83.7	85.4	85.9	86.9	86.7	86.6	84.8	84.1	82.9	82.0	81.0	80.6	79.9	79.5	79.4	81.5	87.5	77.3
„ 31,	78.8	78.7	78.3	78.2	78.1	78.1	79.9	82.0	83.4	85.2	85.6	86.3	86.7	86.8	84.8	85.0	83.6	82.1	81.8	81.4	81.4	81.3	81.3	81.4	82.1	86.8	78.0
Hourly Means,	78.8	78.6	78.7	78.5	78.5	78.4	79.5	80.6	81.5	82.2	82.8	83.4	83.7	83.5	83.2	82.5	81.7	80.8	80.1	79.6	79.4	79.1	79.0	78.9	80.5	84.7	77.3

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF AUGUST, 1887.

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.	Sun.	Rad.
Aug. 1	78.2	78.2	78.4	78.4	78.9	79.2	79.2	78.7	79.9	79.4	78.3	78.7	79.5	80.3	78.7	79.2	78.7	78.7	78.6	78.4	78.4	77.8	78.5	78.7	78.8	142.1	79.0
„ 2	78.6	78.8	78.8	78.6	78.7	78.3	78.6	78.5	78.6	78.4	79.9	80.0	80.1	79.4	79.5	78.9	77.6	77.6	77.9	77.8	77.6	77.9	77.7	78.1	78.6	141.3	79.3
„ 3	77.7	77.4	77.4	77.4	77.6	77.7	77.8	78.5	78.6	78.0	77.1	79.3	78.5	78.9	78.2	78.9	78.0	77.2	77.6	76.9	77.2	77.7	77.6	77.4	77.9	148.7	79.3
„ 4	77.2	76.4	76.9	76.7	76.5	75.9	76.6	77.4	77.6	78.0	77.9	79.1	79.1	78.3	78.1	77.9	77.5	76.8	76.9	77.0	77.4	77.7	77.8	77.7	77.4	148.8	79.0
„ 5	77.7	77.5	77.0	76.8	76.7	76.7	77.1	77.8	77.6	78.1	76.9	79.2	78.2	77.6	78.7	77.8	78.5	78.2	77.5	77.3	77.6	77.4	77.4	77.3	77.6	144.6	78.1
„ 6	76.6	76.4	76.2	75.5	75.5	75.4	76.1	76.8	77.3	77.7	77.7	78.2	79.2	78.3	77.6	77.5	77.2	77.4	76.8	77.0	76.9	76.8	77.1	75.6	76.9	143.6	76.0
„ 7	76.4	76.0	76.0	76.1	76.0	76.4	76.4	76.6	76.6	77.4	76.8	77.1	78.1	77.5	77.5	78.3	76.8	76.5	75.6	75.7	75.7	75.5	75.2	74.9	76.5	141.2	75.4
„ 8	75.2	75.1	75.2	74.6	74.5	74.9	75.1	76.0	76.4	76.5	77.2	76.7	76.5	77.5	76.6	74.8	76.3	76.8	76.4	75.8	75.2	75.5	75.4	76.0	75.8	140.9	73.7
„ 9	75.5	75.1	75.0	74.9	74.5	74.8	75.4	75.4	75.6	75.0	76.5	77.3	77.2	77.5	76.8	74.8	75.2	75.7	75.5	75.1	75.1	74.9	75.0	74.5	75.5	142.1	72.9
„ 10	74.4	74.0	74.8	74.4	74.3	74.3	75.1	75.5	75.8	75.1	73.9	74.7	75.1	76.4	76.2	76.2	76.2	75.5	75.2	75.0	75.6	75.8	75.8	76.5	75.2	141.9	73.8
„ 11	76.6	76.3	76.7	76.9	76.8	76.6	77.5	77.6	77.6	77.5	78.1	77.6	77.6	78.3	77.6	78.7	78.4	78.3	78.4	78.2	77.7	77.5	77.7	78.4	77.6	142.5	76.3
„ 12	78.5	77.3	77.7	77.7	77.5	77.9	78.2	78.7	79.3	78.6	79.4	79.5	79.5	79.2	80.1	79.7	79.3	78.9	78.0	77.8	78.0	78.4	78.2	77.9	78.6	141.7	77.3
„ 13	77.7	77.9	77.3	77.7	77.6	77.8	78.7	78.4	77.7	77.2	77.1	77.1	77.9	78.7	79.1	79.1	79.1	77.9	77.2	76.6	76.5	76.7	76.9	77.5	77.7	146.2	77.4
„ 14	77.3	77.1	77.5	77.7	76.9	76.9	77.6	77.6	77.9	77.0	77.6	77.0	77.1	77.6	77.2	77.3	76.5	76.2	76.5	76.4	76.1	75.9	75.4	75.7	76.9	141.5	77.5
„ 15	75.9	75.5	75.7	75.4	76.3	75.1	75.5	75.4	76.1	75.2	75.0	75.2	75.6	74.6	74.5	73.9	75.0	75.2	75.7	75.2	75.8	75.7	75.2	75.5	75.3	135.4	73.9
„ 16	75.7	75.2	75.9	75.7	74.0	74.6	74.8	74.4	75.3	76.4	76.0	75.8	76.9	72.7	73.5	73.5	72.6	73.0	72.8	73.0	72.7	73.2	74.7	74.6	74.5	120.3	72.7
„ 17	74.1	74.8	75.4	74.8	75.2	75.1	73.9	74.5	74.4	74.4	74.8	75.4	75.6	75.4	74.4	74.2	74.4	73.5	73.7	73.5	74.5	73.3	73.2	74.0	74.4	108.2	72.8
„ 18	74.2	74.0	74.3	73.6	73.8	73.8	75.1	75.1	75.7	75.0	76.8	75.6	75.8	75.6	75.7	75.7	75.1	74.7	72.9	73.2	73.5	74.2	74.7	74.8	74.7	142.4	71.6
„ 19	74.4	74.6	74.1	74.7	74.4	74.7	75.7	76.2	75.6	75.6	75.5	75.2	75.5	75.7	75.9	76.1	75.3	74.9	75.2	75.2	75.1	74.7	74.4	74.2	75.1	147.6	71.5
„ 20	74.8	74.3	74.6	74.7	74.7	74.9	75.7	75.3	75.7	76.4	76.3	76.3	75.5	76.1	75.0	72.8	72.7	73.3	73.7	74.1	74.3	74.1	74.5	74.7	74.8	149.2	74.2
„ 21	74.9	75.3	75.6	75.6	75.5	75.4	75.4	72.5	74.2	75.1	75.5	75.1	74.8	75.0	74.8	74.6	74.8	74.5	74.3	74.1	74.2	74.2	73.9	73.8	74.7	88.6	73.3
„ 22	73.7	74.2	74.9	73.8	74.6	75.1	76.1	76.4	77.6	77.8	77.2	77.6	78.5	77.6	77.4	76.2	75.2	77.0	77.3	76.9	76.8	76.6	76.5	76.0	76.3	139.5	73.7
„ 23	76.3	76.3	75.8	75.4	75.2	75.5	76.2	76.8	76.6	78.6	76.7	76.8	78.0	78.8	77.5	77.1	77.6	76.7	74.5	74.3	75.4	76.4	76.2	76.0	76.4	142.3	72.8
„ 24	75.5	75.6	75.5	75.3	74.5	75.4	75.6	76.6	76.7	76.8	76.7	76.7	77.2	77.0	76.9	76.7	77.1	77.3	77.3	77.0	76.5	76.6	76.0	75.3	76.3	140.0	73.1
„ 25	75.6	76.1	75.3	76.0	75.2	75.1	74.7	75.7	77.4	75.2	77.1	76.6	77.4	77.5	76.7	76.1	75.7	74.6	76.1	76.3	72.5	72.5	72.5	72.9	75.4	136.0	72.8
„ 26	73.5	73.9	74.0	74.1	74.3	74.6	75.1	75.6	75.4	72.6	73.6	74.3	75.1	75.7	74.9	74.7	74.1	74.1	74.5	74.2	74.5	74.6	74.5	73.2	74.4	123.9	73.1
„ 27	74.2	73.9	73.8	74.1	74.5	74.8	75.6	76.0	76.6	77.4	77.1	76.2	76.7	72.9	73.7	74.6	74.9	74.5	74.9	74.4	74.6	74.6	74.7	74.7	75.0	148.7	72.1
„ 28	74.6	75.3	75.0	74.9	75.0	75.2	75.5	76.4	76.7	75.6	76.8	77.2	77.4	77.7	78.0	77.0	77.4	77.3	77.5	77.4	77.0	77.0	76.6	76.3	76.4	147.4	73.1
„ 29	76.2	75.6	75.8	75.6	75.7	75.7	76.7	77.3	77.5	77.5	77.4	77.6	77.0	77.8	78.0	77.4	77.2	77.1	77.5	76.4	76.4	76.2	76.1	76.4	76.8	141.9	73.3
„ 30	76.4	76.3	76.2	75.8	75.8	75.9	77.0	77.2	77.2	78.3	79.2	79.0	79.4	78.8	*78.6	78.3	77.3	77.6	78.2	77.6	77.9	77.7	76.9	77.2	77.5	149.7	73.2
„ 31	76.5	76.3	76.2	76.2	76.0	76.1	77.5	78.4	77.5	78.6	77.2	77.5	77.7	79.1	78.3	77.5	76.6	76.4	76.0	76.1	75.8	75.6	75.7	76.2	76.9	146.0	74.3
Hourly Means,	75.9	75.8	75.9	75.8	75.7	75.8	76.3	76.6	76.9	76.8	76.9	77.1	77.3	77.2	77.0	76.6	76.4	76.2	76.1	75.9	75.9	75.9	75.9	75.9	76.3	139.2	74.7

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF AUGUST, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	87	0.857	Aug. 1,.....	81	0.925
2 „	88	.855	„ 2,.....	79	.912
3 „	88	.858	„ 3,.....	78	.887
4 „	88	.856	„ 4,.....	77	.869
5 „	88	.852	„ 5,.....	79	.879
6 „	89	.858	„ 6,.....	76	.849
7 „	86	.865	„ 7,.....	77	.839
8 „	83	.863	„ 8,.....	75	.811
9 „	81	.864	„ 9,.....	76	.809
10 „	77	.851	„ 10,.....	75	.799
11 „	75	.846	„ 11,.....	83	.894
Noon.	74	.847	„ 12,.....	83	.927
1 p	73	.852	„ 13,.....	77	.875
2 „	74	.850	„ 14,.....	75	.846
3 „	74	.845	„ 15,.....	89	.843
4 „	75	.837	„ 16,.....	86	.815
5 „	77	.840	„ 17,.....	91	.824
6 „	80	.843	„ 18,.....	82	.808
7 „	82	.848	„ 19,.....	83	.821
8 „	84	.847	„ 20,.....	87	.827
9 „	85	.849	„ 21,.....	92	.838
10 „	86	.852	„ 22,.....	89	.874
11 „	87	.854	„ 23,.....	80	.850
Midt.	87	.855	„ 24,.....	78	.839
			„ 25,.....	79	.818
			„ 26,.....	91	.827
			„ 27,.....	89	.836
			„ 28,.....	86	.868
			„ 29,.....	84	.872
			„ 30,.....	83	.890
			„ 31,.....	78	.856
Mean, ...	82	0.852	Mean,.....	82	0.852

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.
1887.														
Aug. 1,	0.1	1.0	1.0	1.0	0.5	...	...	0.4	1.0	1.0	1.0	1.0	0.1	8.1
„ 2,	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	10.5
„ 3,	...	0.1	0.5	0.8	1.0	1.0	0.7	0.3	...	0.3	0.7	0.1	...	5.5
„ 4,	...	0.1	0.1	0.3	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.5	...	7.8
„ 5,	...	0.1	0.5	0.5	0.9	0.8	1.0	0.9	1.0	1.0	0.8	0.5	...	8.0
„ 6,	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.4
„ 7,	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
„ 8,	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.8
„ 9,	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.7
„ 10,	0.4	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.6
„ 11,	0.2	0.9	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	...	10.7
„ 12,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.3
„ 13,	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6	0.2	10.8
„ 14,	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.6
„ 15,	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	0.3	1.0	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	1.0	1.0	0.4	11.3
„ 19,	0.2	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.8	...	10.8
„ 20,	...	...	...	0.5	0.1	0.5	0.1	0.1	...	...	...	...	...	1.3
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	0.2	...	...	...	...	0.9	0.1	...	...	...	...	1.2
„ 23,	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
„ 24,	0.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.3
„ 25,	...	...	...	...	...	...	...	...	0.5	0.5	0.5	...	...	1.5
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	0.1	1.0	0.5	0.4	0.5	0.7	0.1	...	...	...	...	...	...	3.3
„ 28,	...	0.5	0.5	...	...	0.2	0.4	0.6	1.0	0.6	0.7	0.3	0.2	5.0
„ 29,	0.1	1.0	1.0	1.0	1.0	1.0	0.6	0.7	1.0	0.9	0.9	0.7	0.3	10.2
„ 30,	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.9	0.9	...	10.0
„ 31,	...	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	10.8
Sums,.....	2.9	18.8	20.1	20.3	20.8	20.8	19.6	20.9	21.2	20.8	21.5	17.2	4.7	229.6
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF AUGUST, 1887.

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.
August 1,	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	0·020	0·015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·035
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	0·070	...	...	...	0·010	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·090
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020
„ 15,	0·050	0·100	...	...	0·100	0·100	0·050	0.100	0·400	0·340	0·575	0·150	0·040	0·085	0·285	0·160	0·040	...	0·240	0·160	0·040	...	0·160	0·040	3·215
„ 16,	...	...	...	0·200	0·205	0·080	0·050	0·025	...	0·040	...	0·010	...	0·010	0·040	0·035	0·035	0·015	...	...	...	...	...	...	0·745
„ 17,	...	...	0·025	0·005	0·040	0·090	0·125	0·070	0·150	0·055	0·055	0·030	...	...	0·010	...	...	...	...	...	0·390	0·020	...	...	1·065
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	0·075	...	0·015	0·005	...	...	...	...	...	...	0·005	0·115	0·020	...	0·005	...	...	...	...	...	0·240
„ 21,	...	...	...	0·010	0·045	0·020	...	0·170	0·035	0·055	0·195	0·150	0·145	0·035	0·080	0·080	0·300	0·705	0·455	0·200	0·150	0·005	...	...	2·835
„ 22,	...	...	...	0·790	0·010	...	...	...	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	...	...	0·805
„ 23,	...	...	...	0·015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·015
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	0·050	0·055	...	...	...	...	...	...	...	...	...	...	0·130	0·070	0·075	0·035	0·415
„ 26,	0·010	...	...	...	...	...	...	...	0·705	0·805	0·920	0·320	0·010	...	...	0·005	0·045	...	...	...	...	...	...	...	2·820
„ 27,	...	...	...	...	...	...	...	...	...	...	...	0·410	0.310	0·020	...	...	0·005	0·005	...	...	...	...	...	...	0·750
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
„ 31,	...	...	...	..	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·100	0·105
Sums,	0·130	0·100	0·025	1·040	0·485	0·305	0·260	0·385	1·340	1·350	1·745	1·070	0·505	0·150	0·420	0·395	0·450	0·725	0·700	0·360	0·710	0·095	0.235	0·175	13·155

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF AUGUST, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
August 1	21	17	21	17	20	17	21	15	21	15	21	16	21	17	21	15	20	13	21	17	20	11	20	11	21	14	21	18	19	26	20	25	19	28	19	25	19	24	20	25	20	24	21	15	22	19	21	17	441	18.4
" 2	21	19	20	22	20	22	21	22	21	17	20	21	20	16	21	16	20	17	19	21	19	20	18	25	18	25	19	32	19	30	19	29	18	31	18	22	19	20	19	22	19	18	18	15	19	13	19	18	513	21.4
" 3	19	22	20	18	19	18	19	18	18	15	19	17	18	22	19	25	20	20	21	18	19	25	19	23	19	30	19	27	19	31	19	26	19	25	19	24	18	22	18	19	18	19	17	22	18	19	18	21	526	21.9
" 4	18	19	20	21	18	18	19	24	19	20	19	20	19	21	19	22	20	29	20	29	19	30	19	28	19	29	19	25	19	21	18	16	17	19	18	17	18	14	17	14	17	13	16	9	16	10	17	11	479	20.0
" 5	17	11	17	11	17	13	18	19	17	17	16	15	17	17	17	15	17	19	17	15	19	14	18	12	17	15	17	17	17	15	17	15	17	12	16	7	16	6	15	5	15	5	16	10	16	11	16	10	306	12.7
" 6	17	6	18	6	18	8	19	7	20	7	18	5	18	7	20	5	22	7	18	10	19	11	20	9	23	9	20	10	16	11	16	12	16	8	17	11	17	10	18	5	18	5	18	3	19	8	21	9	189	7.9
" 7	20	8	21	11	21	11	22	9	22	9	22	6	24	6	23	8	24	10	24	11	23	10	22	9	22	13	23	10	21	12	19	9	21	9	20	8	17	5	17	3	16	2	14	3	..	1	8	3	186	7.8
" 8	23	3	22	11	22	10	24	11	25	7	25	7	23	7	26	11	24	15	25	14	23	9	23	10	23	10	23	12	23	11	23	8	25	7	17	9	17	9	18	4	20	2	17	2	17	2	...	0	191	8.0
" 9	20	3	22	8	21	9	23	3	27	3	27	3	27	2	29	3	25	7	25	9	25	8	25	7	17	9	16	13	16	13	17	13	16	13	17	11	17	7	17	2	...	1	...	1	...	1	...	1	150	6.2
" 10	17	2	...	1	15	3	7	4	7	4	7	5	7	3	7	3	10	5	25	5	28	7	25	10	21	5	25	8	6	5	8	10	10	9	12	7	12	8	10	8	7	6	7	8	7	9	8	8	143	6.0
" 11	9	7	9	7	9	6	9	9	7	6	8	12	9	10	9	8	9	9	10	8	9	14	10	11	9	14	8	19	8	19	8	17	7	15	7	16	8	12	8	10	8	8	8	8	8	9	8	10	264	11.0
" 12	9	11	9	5	8	3	...	1	...	0	12	2	12	2	12	4	10	10	10	13	10	14	10	15	9	19	8	19	7	18	7	14	8	13	11	7	13	8	13	4	12	5	11	3	11	3	11	2	195	8.1
" 13	6	3	...	1	6	2	...	1	...	1	...	1	6	2	8	3	16	3	10	4	9	9	9	6	9	8	10	7	12	7	15	12	16	14	15	10	15	7	11	9	9	9	6	9	5	3	5	4	135	5.6
" 14	6	5	8	4	9	8	9	6	4	4	3	6	7	11	7	12	8	11	8	18	8	16	9	18	9	23	8	19	10	22	8	19	6	23	7	24	7	23	6	22	7	26	6	29	6	27	6	32	408	17.0
" 15	5	23	6	19	6	22	7	20	5	23	7	22	8	31	6	28	7	29	9	38	7	38	9	40	9	49	10	51	11	48	11	48	10	50	10	49	10	46	9	47	10	50	11	47	12	42	12	44	904	37.7
" 16	12	38	12	39	10	37	10	43	13	39	14	27	13	19	13	26	13	21	13	21	13	23	12	30	11	32	17	19	16	5	28	8	20	13	29	5	1	4	8	7	8	17	6	19	6	25	8	28	545	22.7
" 17	8	27	9	19	7	15	7	14	6	15	7	12	6	8	5	7	4	3	8	8	8	11	7	11	8	11	8	8	8	17	7	13	8	11	9	11	7	7	8	7	14	10	6	5	6	3	6	5	258	10.8
" 18	6	5	7	6	7	5	6	2	...	1	...	0	...	1	7	8	8	9	8	9	8	12	7	12	7	13	8	15	8	15	8	15	7	12	15	10	15	4	...	0	...	1	4	3	5	5	6	4	167	7.0
" 19	7	3	...	1	...	0	...	1	...	1	11	2	8	2	8	6	8	9	9	16	8	11	7	17	9	15	9	18	8	16	8	15	8	14	9	13	11	11	10	8	11	5	11	4	11	4	11	4	196	8.2
" 20	10	4	10	4	9	6	11	4	...	1	10	2	18	4	...	1	6	7	8	6	9	9	11	5	9	13	5	6	12	14	10	4	32	5	7	6	8	7	8	7	9	16	8	16	8	13	9	12	172	7.2
" 21	9	11	8	8	9	16	9	21	10	13	8	14	8	11	12	11	6	9	6	6	2	2	6	11	5	9	6	14	6	14	6	13	6	14	8	9	9	7	6	7	10	9	9	12	9	12	9	10	263	11.0
" 22	9	11	8	12	8	10	10	16	7	15	8	14	9	14	10	19	8	18	9	19	8	17	8	13	7	12	8	13	9	13	8	8	12	9	8	9	9	9	9	6	9	7	9	5	1	3	7	3	275	11.5
" 23	9	2	...	0	...	1	...	1	...	0	...	1	...	1	6	3	6	5	5	4	23	6	23	7	24	10	24	12	24	10	24	9	22	6	21	2	13	2	6	2	4	3	1	3	31	2	...	0	92	3.8
" 24	...	0	...	0	...	0	...	1	...	0	...	1	30	3	28	8	24	9	24	9	22	11	22	13	22	13	22	14	24	13	18	14	19	17	19	11	20	11	19	5	19	2	19	2	19	2	23	4	163	6.8
" 25	26	5	24	4	19	3	19	5	23	4	20	9	19	13	21	11	26	14	24	8	23	6	23	5	22	7	24	8	25	8	22	5	22	4	...	1	16	4	15	3	28	16	22	6	11	3	10	5	157	6.5
" 26	...	1	6	3	5	2	...	0	...	0	2	2	7	6	7	5	27	11	16	5	14	5	6	2	7	2	27	6	26	11	26	11	26	13	26	7	30	3	8	7	9	11	9	10	10	4	...	1	128	5.3
" 27	8	4	10	3	...	0	...	0	9	5	8	6	8	9	8	9	8	9	8	12	8	10	6	9	14	8	1	3	13	2	...	1	...	1	8	6	8	4	8	2	...	1	8	8	9	11	9	8	131	5.5
" 28	9	9	9	7	9	4	...	1	9	2	9	2	...	1	...	0	9	9	8	10	7	6	8	10	8	14	8	13	11	9	8	14	8	17	8	11	9	10	7	8	7	8	9	5	9	2	6	3	175	7.3
" 29	6	2	...	1	6	2	..	0	...	0	6	3	...	1	6	4	9	3	11	3	12	4	23	6	14	6	8	15	8	10	15	11	14	6	...	1	14	3	...	1	...	0	...	0	...	0	...	0	82	3.4
" 30	...	0	...	0	...	0	14	2	...	1	...	0	...	1	21	2	24	6	23	7	24	6	24	7	24	6	15	6	16	11	16	10	16	6	25	2	25	4	32	3	...	1	...	0	...	1	...	1	83	3.5
" 31	...	1	...	0	...	0	...	0	...	1	...	1	...	1	6	4	9	3	10	4	10	6	26	3	30	4	9	7	10	8	12	5	14	5	14	10	15	7	13	5	13	3	...	0	13	2	1	6	86	3.6
Sums	...	282	...	269	...	271	...	280	...	246	...	254	...	269	...	302	...	349	...	377	...	381	...	395	...	447	...	464	...	465	...	429	...	429	...	361	...	318	...	277	...	303	...	282	...	269	...	284	8003	333.8
Hourly Means	...	9.1	...	8.7	...	8.7	...	9.0	...	7.9	...	8.2	...	8.7	...	9.7	...	11.3	...	12.2	...	12.3	...	12.7	...	14.4	...	15.0	...	15.0	...	13.8	...	13.8	...	11.6	...	10.3	...	8.9	...	9.8	...	9.1	...	8.7	...	9.2	258.2	10.8

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR AUGUST, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	0.7	4.6	3.6	2.0	−2.8	+2.6	S 43° E
2 „	0.3	3.9	3.7	2.7	3.5	1.1	S 17° E
3 „	0.4	4.1	3.6	2.4	3.2	1.7	S 28° E
4 „	0.0	4.2	3.5	3.0	3.5	1.2	S 19° E
5 „	0.8	3.3	3.4	2.2	2.6	1.1	S 23° E
6 „	0.3	3.5	3.4	2.4	3.1	1.1	S 20° E
7 „	0.2	3.9	3.5	2.4	3.2	1.5	S 25° E
8 „	1.0	4.4	3.8	3.0	2.8	1.5	S 28° E
9 „	0.7	5.0	3.2	4.1	2.5	0.9	S 20° E
10 „	0.2	6.0	3.7	4.1	3.5	1.9	S 28° E
11 „	0.2	6.2	3.6	4.4	3.4	1.7	S 27° E
Noon.	0.3	6.2	3.9	4.4	3.6	1.8	S 27° E
1 p.	0.3	7.3	4.7	4.1	4.4	3.2	S 36° E
2 „	0.5	6.8	5.1	4.6	4.6	2.2	S 26° E
3 „	0.3	6.6	6.6	4.4	6.3	2.3	S 20° E
4 „	0.5	5.7	6.5	3.5	6.0	2.2	S 20° E
5 „	0.7	5.6	6.5	3.3	5.8	2.3	S 22° E
6 „	0.2	5.2	5.7	2.4	5.5	2.8	S 27° E
7 „	0.2	4.5	5.4	1.8	5.2	2.6	S 27° E
8 „	0.5	5.0	3.4	1.5	2.9	3.5	S 50° E
9 „	0.4	5.6	3.6	1.7	3.2	3.9	S 51° E
10 „	0.9	5.4	3.6	0.7	2.8	4.6	S 59° E
11 „	1.0	4.8	3.3	1.3	2.3	3.6	S 57° E
Midt.	0.8	5.2	3.4	1.4	2.6	3.8	S 56° E
Mean,.....	0.5	5.1	4.2	2.8	−3.7	+2.3	S 32° E

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
August 1,.....	...	...	2	SW	5	3	SW	6	3	SW	5	3
„ 2,.....	...	...	3	SSW	4	3	SSW	5	3	SSW	5	2
„ 3,.....	...	...	2	SW	5	2	SW	6	3	SW	6	3
„ 4,.....	...	...	3	SSW	6	3	SSW	6	3	SSW	6	2
„ 5,.....	...	...	3	S	5	2	S	5	2	S	5	2
„ 6,.....	...	...	1	S	4	1	S	4	1	S	4	1
„ 7,.....	...	...	1	S	4	1	SW	3	2	SW	4	1
„ 8,.....	...	...	2	NW	3	2	S	3	2	S	3	1
„ 9,.....	...	...	1	S	4	2	S	4	1	SW	4	1
„ 10,.....	...	...	0	S	3	0	S	2	0	S	3	1
„ 11,.....	...	...	1	E	3	1	ESE	2	1	SE	2	1
„ 12,.....	...	...	0	E	3	1	SE	4	1	SE	4	1
„ 13,.....	...	...	0	SE	2	0	SE	3	2	S	3	1
„ 14,.....	...	...	1	E	4	2	E	4	2	E	5	3
„ 15,.....	...	...	5	E	6	5	SE	8	5	SE	9	5
„ 16,.....	...	...	5	S	6	2	S	4	2	SW	3	2
„ 17,.....	...	...	3	SE	4	2	SE	3	1	SE	4	1
„ 18,.....	...	...	1	SE	3	1	SE	3	1	SE	4	0
„ 19,.....	...	...	1	SE	3	2	SE	3	1	SE	4	0
„ 20,.....	...	...	1	S	3	0	S	4	0	S	5	0
„ 21,.....	...	...	0	ESE	5	0	ESE	3	0	ESE	4	1
„ 22,.....	...	...	0	E	3	0	SE	4	1	SE	3	1
„ 23,.....	...	...	0	SE	3	0	W	3	1	SW	3	1
„ 24,.....	...	...	1	W	3	1	SW	5	1	SW	5	1
„ 25,.....	...	...	1	SW	4	1	SW	3	1	SW	3	0
„ 26,.....	...	...	0	S	4	1	W	4	1	SW	3	1
„ 27,.....	...	...	0	SW	3	0	SW	3	0	SSW	3	0
„ 28,.....	...	...	0	SW	3	0	S	2	1	SE	2	0
„ 29,.....	...	...	0	S	2	0	S	4	1	NW	2	0
„ 30,.....	...	...	0	N	2	1	S	3	1	NE	2	0
„ 31,.....	...	...	0	ENE	3	0	S	2	0	S	2	0
Mean,.....	...	...	1.2	S 11° E	3.7	1.3	S 1° W	3.8	1.4	S	3.9	1.2

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
Aug. 1,.....	27.943	27.895	27.909	75.8	75.2	75.0	129.1	78.3	74.7	75.4
" 2,.....	.953	.906	.913	75.8	75.7	74.8	134.0	77.3	74.3	74.6
" 3,.....	.909	.859	.886	75.5	75.4	74.5	132.3	76.6	73.5	75.3
" 4,.....	.918	.919	.940	74.9	75.4	74.8	135.5	77.5	74.3	74.4
" 5,.....	28.028	28.012	28.036	74.8	74.6	74.9	137.8	76.6	74.2	74.0
" 6,.....	.076	.028	.033	74.8	75.8	73.8	137.2	77.3	73.8	72.6
" 7,.....	.062	.026	.022	75.0	75.2	74.5	138.4	77.5	73.3	74.0
" 8,.....	.024	27.990	.032	75.8	76.4	73.8	136.5	79.5	73.3	70.5
" 9,.....	.062	28.028	.022	74.7	75.0	74.7	133.4	77.3	73.8	69.6
" 10,.....	.083	.048	.043	74.8	77.8	76.2	140.5	79.1	73.0	71.4
" 11,.....	.094	.057	.077	76.8	77.8	76.7	139.6	79.3	75.2	73.4
" 12,.....	.086	.031	.051	78.0	79.0	77.0	143.8	81.3	75.5	73.5
" 13,.....	.051	27.980	27.982	78.0	78.0	76.0	141.5	79.5	74.3	71.4
" 14,.....	.008	.951	.935	78.2	79.7	74.8	137.6	80.9	74.8	70.4
" 15,.....	27.891	.853	.887	73.8	73.2	71.4	123.3	75.3	71.4	69.8
" 16,.....	28.032	28.050	28.066	72.8	72.5	70.4	117.1	74.3	70.4	68.0
" 17,.....	.102	.078	.079	71.2	71.2	70.8	129.9	73.6	69.7	71.4
" 18,.....	.052	.030	27.999	72.5	74.8	72.2	137.6	75.5	70.8	72.6
" 19,.....	.018	27.977	.970	74.8	74.9	72.8	140.7	76.5	72.2	70.6
" 20,.....	.020	.977	.989	72.8	74.0	72.0	135.5	75.5	71.3	68.4
" 21,.....	.039	28.049	28.060	72.8	71.7	71.8	94.1	73.6	70.3	67.6
" 22,.....	.053	.036	.036	74.0	74.4	73.7	135.2	76.5	71.3	69.8
" 23,.....	.042	27.987	27.986	74.8	77.0	74.8	140.5	78.6	73.3	70.4
" 24,.....	.028	.974	.984	75.8	75.2	73.5	136.1	78.1	72.5	69.3
" 25,.....	.026	.995	.989	73.7	74.2	72.7	124.8	76.1	72.2	70.6
" 26,.....	.023	.974	.984	72.0	72.7	71.8	122.6	75.3	70.7	67.0
" 27,.....	.019	.967	.992	74.5	72.5	71.6	139.7	75.6	71.3	68.6
" 28,.....	.111	.992	28.032	73.8	75.8	73.7	143.0	76.5	71.6	71.4
" 29,.....	.092	28.050	.072	74.8	75.4	73.8	141.5	77.3	72.5	68.6
" 30,.....	.090	.049	.079	76.8	76.0	74.7	123.5	79.5	73.8	69.8
" 31,.....	.088	.052	.062	78.5	77.5	76.0	142.4	79.6	74.1	72.2
Mean,.....	28.033	27.994	28.005	74.9	75.3	73.8	133.7	77.3	72.8	71.2

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Aug. 1,.....	79	77	81	98	97	95	0.937	0.926	0.892	0.868	0.846	0.828
" 2,.....	72	75	80	98	99	99	.880	.904	.892	.868	.877	.852
" 3,.....	70	77	82	95	98	95	.860	.915	.892	.842	.864	.819
" 4,.....	75	70	83	99	96	98	.876	.858	.895	.855	.848	.848
" 5,.....	74	73	84	99	99	95	.875	.863	.890	.852	.850	.829
" 6,.....	70	70	83	98	91	98	.852	.843	.870	.848	.806	.815
" 7,.....	72	70	81	94	92	95	.849	.870	.828	.816	.806	.819
" 8,.....	75	53	84	89	83	98	.834	.692	.837	.798	.755	.819
" 9,.....	68	62	78	91	88	94	.766	.734	.801	.784	.768	.812
" 10,.....	67	72	87	86	80	84	.766	.814	.854	.744	.761	.757
" 11,.....	71	77	87	92	88	90	.848	.910	.903	.847	.834	.828
" 12,.....	76	80	89	93	89	90	.897	.951	.940	.900	.886	.836
" 13,.....	65	69	77	89	86	91	.816	.888	.846	.857	.824	.816
" 14,.....	66	70	79	82	81	90	.813	.837	.832	.801	.823	.775
" 15,.....	96	88	88	93	93	90	.865	.804	.853	.771	.755	.699
" 16,.....	79	90	88	98	94	95	.847	.799	.784	.784	.749	.712
" 17,.....	94	85	91	95	93	93	.835	.802	.797	.731	.712	.702
" 18,.....	76	77	86	94	86	93	.795	.816	.808	.753	.744	.730
" 19,.....	75	78	86	88	82	90	.806	.832	.821	.759	.711	.730
" 20,.....	85	87	90	95	92	96	.864	.770	.814	.769	.773	.756
" 21,.....	93	93	93	94	99	93	.852	.839	.827	.761	.771	.720
" 22,.....	87	79	94	93	94	95	.914	.840	.901	.785	.804	.789
" 23,.....	78	68	88	94	86	85	.908	.824	.873	.810	.803	.732
" 24,.....	76	69	81	89	95	98	.845	.815	.857	.798	.838	.807
" 25,.....	88	69	91	95	88	94	.839	.802	.775	.789	.751	.758
" 26,.....	91	89	90	95	95	90	.778	.829	.827	.748	.762	.705
" 27,.....	84	88	90	91	91	93	.890	.822	.827	.778	.730	.715
" 28,.....	80	79	91	94	93	92	.828	.863	.903	.787	.831	.765
" 29,.....	73	72	89	98	92	94	.856	.849	.872	.843	.807	.783
" 30,.....	77	74	90	94	93	95	.897	.882	.921	.868	.836	.816
" 31,.....	74	70	76	91	87	88	.890	.843	.811	.889	.821	.796
Mean, ...	78	76	86	93	91	93	0.851	0.840	0.853	0.810	0.798	0.779

TABLE XII.

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
1887.												
Aug. 1, ...	4	cum.	SW	6	sm-cum. / cum.	SW	7	sm-cum. / cum.	W / WSW	9	c-str. / sm-cum. / cum.	ENE / W / SW
„ 2, ...	10	sm-cum. / cum.	WSW	8	sm-cum. / cum.	SW	2	c-cum. / cum.	SW	3	sm-cum. / cum.	WSW / SW
„ 3, ...	9	c-str. / cum.	SSW	8	c-str. / cum.	SW	6	c-cum. / cum.	WSW / SW	3	sm-cum. / cum.	WSW / WSW
„ 4, ...	10	c-str. / cum.	SW	7	c-str. / cum.	NE / SW	8	c-str. / nim.	NE / SW	10	c-str. / cum.	NE / SW
„ 5, ...	8	cum.	SSW	9	cum.	SW	10	cum.	SW	7	c-str. / cum.	SW
„ 6, ...	8	c-str. / cum.	S	9	c-str. / cum.	SSW	5	c-str. / cum.	ENE / SSW	4	c-str. / cum.	ENE / WSW
„ 7, ...	7	cum.	SW	5	cum.	SW	2	cum.	SW	1	cum.	WSW
„ 8, ...	6	c-str. / sm-cum.	SSW	2	c-str. / cum.	SW	3	c-str. / cum.	E / W	1	c. / cum.	E / W
„ 9, ...	3	c-str. / cum.	SSW	5	c-str. / cum.	SW	4	c-str. / cum.	E / W	0	...	...
„ 10, ...	1	cum.	SSW	1	cum.	SSW	2	cum.	SSW	2	c-str. / cum.	SSW
„ 11, ...	9	cum.	E	8	cum.	SE	4	cum.	SE	4	cum.	S
„ 12, ...	7	c-cum. / cum.	SE	8	c-str. / cum.	SE	8	c-str. / cum.	N / SE	4	c. / cum.	N / SE
„ 13, ...	0	...	...	2	cum.	SE	2	cum.	E	2	c-cum. / cum.	NE / E
„ 14, ...	2	str.	...	7	cum.	E	8	c-str. / cum.	ENE / E	7	c-str. / cum.	ENE / E
„ 15, ...	10	nim.	E	10	cum-nim.	E	10	nim.	E	10	nim.	E
„ 16, ...	10	nim.	SE	10	nim.	SE	10	nim.	SE	10	cum-nim.	S
„ 17, ...	10	cum.	ESE	10	cum-nim.	ESE	10	nim.	ESE	10	nim.	...
„ 18, ...	7	cum.	SE	3	cum.	SE	4	c-cum. / sm-cum. / cum.	.... / NW / SE	2	c-str. / cum.	SSE
„ 19, ...	0	...	...	0	...	...	2	c. / cum.	SSE	7	sm-cum. / cum-str.	ESE / SE
„ 20, ...	7	cum.	...	8	cum-nim.	...	10	c-cum. / cum-nim.	S	10	c-str. / cum.	S
„ 21, ...	10	cum-nim.	S	10	cum-nim.	S	10	cum-nim.	S	10	nim.	SSE
„ 22, ...	10	nim.	E	10	nim.	E	10	cum. / cum-nim.	WSW / ESE	10	sm-cum. / cum.	S / ESE
„ 23, ...	1	cum.	...	0	...	...	6	c-str.	N	7	c-str. / cum.	N / SE
„ 24, ...	8	cum.	...	1	cum.	NW	1	c-str. / cum.	...	1	cum.	W
„ 25, ...	10	c-str. / cum-nim.	...	10	c-str. / cum-nim.	...	10	sm-cum. / str-cum.	SW	10	str-cum.	ENE
„ 26, ...	10	nim.	...	10	cum-nim.	SW	10	sm-cum. / cum.	SW	10	nim.	...
„ 27, ...	1	str.	...	7	str-cum.	S	3	sm-cum. / cum.	W / S	10	sm-cum. / cum.	W / SSW
„ 28, ...	2	cum.	...	3	cum.	S	5	cum.	S	8	sm-cum. / cum-str.	E / S
„ 29, ...	1	cum.	...	0	...	...	1	cum.	SE	3	cum.	SE
„ 30, ...	0	...	...	0	...	...	0	...	...	1	cum.	SE
„ 31, ...	1	cum.	E	0	...	...	5	c. / sm-cum. / cum.	.... / NE / SE	6	cum.	NE
Mean, ...	5.9	...	...	5.7	...	...	5.7	...	...	5.9	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Aug. 1,.....	9	c-str. / cum.	ENE / WSW	4	c-str. / R-cum.	ENE / WSW	8	c-str. / cum.	ENE / SW	10	c-str. / cum.	WSW	7.1
" 2,.....	3	c. / cum.	ENE / WSW	7	c. / sm-cum. / cum.	ENE / WSW / SW	9	sm-cum. / cum.	W / SW	10	sm-cum. / cum.	W / SW	6.5
" 3,.....	9	c-str. / cum.	ENE / WSW	10	c-str. / cum.	NE / SW	10	c-str. / R-cum.	NE / SW	8	c-str. / cum.	NE / SW	7.9
" 4,.....	9	c-str. / cum.	NE / SW	8	c-str. / cum.	NE / SW	10	c-str. / R-cum.	SSW	9	R-cum.	SSW	8.9
" 5,.....	9	c-str. / cum.	SW	6	c-str. / cum.	NE / SSW	8	c-str. / cum.	SSW	7	c-str. / cum.	SSW	8.0
" 6,.....	4	c-str. / cum.	ENE / SW	3	c-str. / cum.	NE / SW	2	c. / cum.	E / SW	6	cum.	SSW	5.1
" 7,.....	1	c. / cum.	W	0	...	...	1	c-str.	...	0	...	...	2.1
" 8,.....	1	c.	E	4	c.	ENE	4	c-str.	ENE	6	c-str.	ENE	3.4
" 9,.....	1	cum.	WSW	1	c-str. / cum.	SW	0	...	...	0	...	...	1.7
" 10,.....	6	c-str. / cum.	NNE / SSW	2	c. / cum.	NNE / SSW	0	...	...	0	...	...	1.8
" 11,.....	5	c-str. / cum.	SE	6	c-str. / cum.	E	5	c-str. / cum.	...	1	cum.	E	5.2
" 12,.....	3	c. / cum.	SE	3	cum.	E	0	...	...	0	...	...	4.1
" 13,.....	5	c-cum. / cum.	NNE / ESE	2	cum.	ESE	2	cum-str.	E	3	c-str. / cum.	E	2.3
" 14,.....	2	c-str. / cum.	E	5	c-str. / cum.	E	6	cum.	E	3	cum.	E	5.0
" 15,.....	10	cum-nim.	E	10	nim.	ESE	10	nim.	ESE	10	nim.	SSE	10.0
" 16,.....	10	str. / cum-nim.	SE	10	nim.	SSE	10	nim.	SE	4	cum.	ESE	9.3
" 17,.....	10	str. / cum.	ESE	10	str-cum. / cum.	ESE	10	c-str. / sm-cum. / cum-str.	... / NW / SE	10	nim.	SE	10.0
" 18,.....	5	c-str. / cum.	SSE	2	c-str. / cum.	SSE	0	...	...	0	...	...	2.9
" 19,.....	4	sm-cum. / cum.	ESE / SE	3	c-cum. / cum-str.	WNW / W	2	c-cum. / cum-str.	...	2	c-str.	...	2.5
" 20,.....	10	c-str. / cum.	S	10	nim.	S	10	cum-nim.	S	10	str.	...	9.4
" 21,.....	10	nim.	SSE	10	nim.	SSE	10	nim.	...	10	nim.	...	10.0
" 22,.....	10	sm-cum. / cum.	S / ESE	10	c-str. / cum.	SE	9	c-str. / sm-cum. / cum.	... / S / SE	1	c-str.	...	8.7
" 23,.....	9	c-str. / cum.	N / ESE	5	c-str. / cum.	NNE /	1	c-str.	...	1	c-str.	...	3.8
" 24,.....	3	cum.	W	3	c-str. / cum.	NNW	8	sm-cum. / cum-str.	W /	10	c-str. / cum-str.	...	4.4
" 25,.....	10	str-cum.	NW	10	sm-cum. / str-cum.	W /	10	sm-cum. / str-cum.	W / NW	10	nim.	...	10.0
" 26,.....	10	sm-cum. / nim.	...	10	nim.	SW	10	sm-cum. / str-cum.	NW /	9	sm-cum. / str-cum.	W /	9.9
" 27,.....	10	str. / nim.	SSW	10	str-cum.	...	10	cum-nim.	...	10	sm-cum. / str-cum.	W /	7.6
" 28,.....	9	str-cum.	SSW	8	c-str. / sm-cum. / cum.	NE / NE / ESE	8	c-str. / cum-str.	NE /	3	c-str.	ENE	5.8
" 29,.....	4	cum.	SE	6	c-str. / cum.	SSE	0	...	...	0	...	...	1.9
" 30,.....	8	cum.	E	7	c-str. / cum.	NE	7	sm-cum. / cum-str.	N / E	7	c-str.	...	3.7
" 31,.....	4	cum.	ENE	4	cum.	NE	1	cum-str.	...	10	sm-cum. / cum.	WSW / E	3.9
Mean,.....	6.5	...	...	6.1	...	...	5.8	...	...	5.5	...	...	5.9

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
August 1,	...	...	...	...
" 2,	...	...	...	...
" 3,	0.035	1	0.03	...
" 4,	...	...	...	...
" 5,	...	...	...	...
" 6,	...	...	...	...
" 7,	...	...	...	...
" 8,	...	...	...	...
" 9,	...	...	...	...
" 10,	...	...	...	...
" 11,	0.090	2	0.01	...
" 12,	...	...	...	...
" 13,	0.020	1	...	...
" 14,	1.215	6	0.80	...
" 15,	2.560	18	3.30	4.26
" 16,	0.735	12	0.78	1.29
" 17,	0.515	5	0.25	0.19
" 18,	...	...	...	...
" 19,	0.095	2	...	0.40
" 20,	0.425	8	0.42	1.33
" 21,	3.355	16	3.38	1.93
" 22,	0.020	1	...	...
" 23,	...	...	...	...
" 24,	0.105	1	0.20	..
" 25,	1.730	6	1.61	2.21
" 26,	1.400	4	0.85	2.31
" 27,	0.750	3	0.09	1.68
" 28,	...	...	...	...
" 29,	...	...	...	...
" 30,	0.005	...	...	...
" 31,	0.135	1	0.05	...
Total,	13.190	87	11.77	15.60

W. Doberck,
Government Astronomer.

Hongkong Observatory, 20th September, 1887.

HONGKONG OBSERVATORY.

Weather Report for September, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock. It contains also information concerning the first appearance and progress of typhoons.

It was hazy on the mornings of the 1st, 2nd, 9th, 20th, 23rd, 24th, 28th and 29th.

Dew fell on the 1st, 9th, 16th, 19th, 23rd, 27th, 28th and 29th.

Lightning was seen on the evenings of the 4th, 5th, 10th, 14th, 15th, 17th, 20th and 24th.

Lightning accompanied by faint thunder was noted on the evening of the 3rd, and between $3^{h.}$ and $4^{h.}$ a. on the 4th a thunderstorm passed from E through S to W. It was nearest (25s.) at 4 a. Thunder continued during the same morning.

On the 16th from $5^{h.}$ to $7^{h.}$ p. a thunderstorm was passing from NE through W to SW. It was nearest (30s.) at $5^{h.}$ $45^{m.}$ p.

On the 28th during the evening lightning with thunder was noted, and on the 29th between $1^{h.}$ and $3^{h.}$ p. a thunderstorm passed far West of here. Later between $5\frac{1}{2}^{h.}$ and $6\frac{1}{2}^{h.}$ p. a thunderstorm passed from NE to SW through W. It was nearest (18s.) at $6^{h.}$ $0^{m.}$ p.

Lightning and thunder were noted during the early morning of the 30th.

Solar halos were seen on the 1st, 5th, 6th, 24th, 25th and 27th.

A solar corona was seen on the 19th.

Lunar halos were noted on the 7th, 24th and 29th.

Lunar coronas were observed on the 27th and 28th.

Rainbows were seen at $5^{h.}$ $45^{m.}$ p. on the 13th, at $6^{h.}$ $35^{m.}$ a. on the 15th, and at $7^{h.}$ $0^{m.}$ a. on the 19th.

Visibility was noted on the 1st.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters, were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	329	34	9.7
NE	1901	78	24.4
E	6908	300	23.0
SE	2395	103	23.3
S	376	27	13.9
SW	196	17	11.5
W	791	81	9.8
NW	388	31	12.5
Calm	26	49	0.5

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF SEPTEMBER, 1887.

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, ...	29.794	29.762	29.752	29.748	29.746	29.748	29.769	29.778	29.792	29.803	29.801	29.783	29.754	29.739	29.725	29.711	29.713	29.730	29.741	29.767	29.790	29.806	29.805	29.799	29.765
„ 2, ...	.795	.774	.765	.748	.746	.751	.765	.785	.799	.803	.795	.782	.758	.730	.718	.704	.686	.696	.710	.725	.749	.762	.759	.754	.752
„ 3, ...	.750	.740	.729	.724	.726	.735	.744	.756	.757	.761	.757	.750	.728	.705	.689	.680	.674	.677	.690	.708	.733	.740	.741	.738	.726
„ 4, ...	.728	.716	.717	.724	.742	.744	.755	.776	.799	.808	.800	.779	.758	.741	.717	.696	.697	.697	.713	.731	.758	.776	.767	.769	.746
„ 5, ...	.751	.734	.735	.734	.737	.753	.775	.782	.787	.788	.789	.778	.761	.742	.728	.718	.716	.714	.720	.740	.769	.773	.772	.770	.753
„ 6, ...	.771	.746	.733	.733	.747	.758	.768	.770	.773	.772	.751	.728	.706	.687	.669	.660	.679	.679	.679	.703	.729	.732	.723	.711	.725
„ 7, ...	.707	.679	.679	.668	.666	.659	.676	.671	.680	.680	.682	.677	.662	.641	.638	.634	.639	.651	.669	.686	.698	.705	.707	.704	.673
„ 8, ...	.692	.695	.689	.683	.685	.704	.715	.725	.736	.743	.737	.724	.705	.691	.678	.668	.669	.670	.670	.691	.701	.709	.708	.692	.699
„ 9, ...	.687	.668	.649	.633	.635	.632	.641	.658	.655	.654	.643	.621	.595	.564	.534	.527	.519	.524	.530	.534	.547	.552	.544	.513	.594
„ 10, ...	.501	.492	.477	.458	.453	.437	.450	.454	.449	.453	.440	.421	.396	.367	.341	.340	.337	.342	.344	.355	.367	.364	.348	.328	.405
„ 11, ...	.302	.292	.281	.273	.275	.277	.276	.294	.290	.284	.260	.243	.226	.203	.172	.164	.148	.148	.133	.116	.096	.088	.070	.100	.209
„ 12, ...	.120	.126	.138	.154	.185	.219	.252	.298	.320	.324	.325	.327	.324	.321	.324	.337	.357	.395	.416	.444	.484	.505	.517	.514	.322
„ 13, ...	.503	.495	.516	.512	.526	.547	.575	.598	.613	.631	.640	.635	.614	.595	.592	.594	.607	.622	.647	.675	.698	.696	.702	.697	.606
„ 14, ...	.690	.686	.668	.652	.650	.671	.689	.709	.717	.719	.716	.708	.673	.640	.630	.644	.641	.641	.672	.686	.707	.718	.718	.716	.682
„ 15, ...	.704	.687	.682	.682	.681	.685	.717	.736	.752	.754	.756	.727	.704	.672	.664	.653	.663	.675	.695	.711	.731	.739	.738	.736	.706
„ 16, ...	.724	.705	.693	.683	.679	.689	.705	.715	.717	.705	.686	.672	.645	.616	.611	.605	.605	.631	.645	.664	.690	.675	.676	.668	.671
„ 17, ...	.636	.616	.608	.585	.575	.570	.566	.566	.567	.554	.524	.491	.480	.476	.455	.453	.452	.484	.506	.540	.566	.597	.599	.613	.545
„ 18, ...	.615	.618	.614	.606	.625	.644	.656	.691	.701	.717	.718	.703	.694	.677	.671	.665	.656	.672	.682	.702	.732	.745	.749	.733	.679
„ 19, ...	.727	.709	.701	.701	.705	.700	.726	.746	.757	.761	.748	.721	.697	.678	.670	.659	.649	.651	.657	.670	.688	.701	.697	.680	.700
„ 20, ...	.668	.651	.634	.620	.621	.629	.641	.650	.643	.648	.655	.652	.620	.576	.557	.549	.552	.552	.569	.577	.594	.593	.575	.554	.607
„ 21, ...	.539	.510	.512	.491	.508	.505	.530	.534	.552	.556	.556	.551	.522	.530	.534	.546	.571	.603	.621	.646	.691	.703	.697	.699	.571
„ 22, ...	.709	.708	.697	.711	.727	.735	.759	.795	.814	.834	.839	.823	.805	.799	.797	.797	.804	.822	.833	.860	.871	.877	.875	.876	.799
„ 23, ...	.865	.860	.855	.845	.845	.846	.873	.879	.881	.883	.882	.857	.836	.804	.795	.771	.764	.756	.762	.773	.785	.781	.763	.742	.821
„ 24, ...	.723	.708	.700	.693	.702	.715	.722	.730	.728	.713	.690	.649	.615	.574	.547	.549	.550	.553	.549	.558	.561	.558	.535	.540	.632
„ 25, ...	.535	.530	.536	.535	.553	.555	.560	.556	.580	.581	.565	.534	.506	.486	.494	.499	.490	.494	.526	.560	.562	.576	.575	.576	.540
„ 26, ...	.579	.572	.562	.569	.585	.611	.641	.675	.696	.719	.721	.713	.697	.688	.690	.702	.717	.736	.759	.792	.821	.820	.806	.805	.695
„ 27, ...	.809	.811	.799	.802	.802	.816	.837	.866	.890	.904	.902	.901	.880	.860	.851	.850	.850	.850	.857	.880	.892	.893	.889	.889	.858
„ 28, ...	.872	.863	.850	.843	.838	.857	.865	.883	.890	.898	.888	.858	.835	.817	.796	.781	.781	.791	.798	.822	.840	.832	.836	.819	.840
„ 29, ...	.804	.794	.789	.781	.780	.781	.791	.808	.807	.808	.795	.775	.754	.729	.721	.724	.737	.762	.762	.763	.773	.775	.774	.771	.773
„ 30, ...	.735	.730	.726	.730	.745	.755	.777	.795	.807	.804	.793	.776	.745	.722	.721	.711	.726	.734	.750	.772	.789	.792	.787	.779	.758
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	29.668	29.656	29.650	29.644	29.650	29.658	29.674	29.689	29.698	29.702	29.695	29.679	29.656	29.636	29.624	29.620	29.622	29.632	29.644	29.662	29.680	29.686	29.682	29.676	29.662

TABLE II.

TEMPERATURE FOR THE MONTH OF SEPTEMBER, 1887.

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,	77.6	77.7	79.2	78.6	78.4	78.8	79.6	80.3	82.0	83.8	85.1	85.8	86.9	86.8	86.5	84.7	84.3	82.7	81.7	80.8	80.2	79.7	79.0	78.0	81.6	86.9	77.6
„ 2,	77.9	77.5	77.3	77.1	77.8	77.8	80.3	81.8	83.3	85.2	86.0	85.0	87.2	86.6	86.9	84.6	84.9	83.5	81.9	81.5	81.3	81.1	79.9	79.1	81.9	87.3	77.0
„ 3,	79.3	79.4	78.6	78.5	78.2	78.6	80.7	82.7	83.7	85.8	86.4	84.9	84.8	86.1	85.9	81.1	81.6	80.9	80.5	80.8	81.1	80.5	80.8	80.1	81.7	86.4	78.2
„ 4,	80.2	79.0	79.5	76.2	75.0	75.9	76.2	77.7	76.1	76.1	78.2	81.0	80.9	82.9	82.1	82.2	80.7	79.8	79.9	79.7	80.1	80.1	80.1	79.9	79.1	82.9	74.8
„ 5,	79.8	79.7	79.6	79.6	79.9	79.5	80.6	81.6	82.0	82.8	84.1	84.0	83.9	83.4	83.1	82.6	82.4	81.5	81.5	81.2	81.4	81.6	81.4	80.7	81.6	84.1	79.3
„ 6,	80.4	80.0	79.8	79.8	79.6	79.2	80.9	82.8	84.0	85.3	86.1	86.4	87.3	86.2	86.9	85.2	83.0	81.9	81.1	80.7	81.1	81.8	81.8	81.3	82.6	87.3	79.0
„ 7,	81.0	81.1	81.0	81.5	82.0	83.1	84.0	85.0	86.3	85.6	84.9	83.3	83.6	82.9	82.9	83.3	83.1	82.9	83.1	82.9	83.3	83.2	82.0	81.4	83.1	86.5	80.8
„ 8,	81.2	81.1	80.9	81.1	81.3	81.4	82.1	82.8	83.4	84.2	84.6	84.9	85.3	85.1	84.9	84.8	83.7	82.0	81.7	81.8	81.9	81.9	81.6	80.9	82.7	85.4	80.8
„ 9,	81.0	80.7	80.3	80.7	80.3	79.6	80.7	83.0	83.2	84.0	86.1	85.2	84.9	84.9	86.1	86.3	85.2	83.4	82.5	81.6	81.7	80.6	80.6	81.3	82.7	87.9	79.5
„ 10,	80.9	80.9	81.0	81.1	81.2	81.3	81.7	82.9	85.1	87.3	87.8	87.7	89.5	88.7	88.1	87.9	87.0	86.1	86.3	85.8	85.4	85.2	87.7	87.2	85.2	90.7	80.8
„ 11,	86.1	85.1	87.4	87.1	87.2	84.3	86.6	85.0	85.4	83.7	84.0	84.2	81.6	80.1	80.9	80.5	81.2	79.2	79.9	79.6	79.5	79.1	78.7	79.3	82.7	88.7	78.5
„ 12,	78.7	79.0	79.6	80.1	80.6	80.6	79.8	78.0	78.4	78.9	80.0	80.3	80.9	81.9	81.1	81.1	80.4	80.8	80.5	*79.7	*78.9	78.2	77.1	78.3	79.7	82.3	77.1
„ 13,	79.4	79.5	79.6	80.1	80.4	81.0	82.2	83.4	83.7	84.8	84.9	81.5	85.0	85.2	84.1	83.2	82.5	81.0	80.5	80.8	81.1	81.0	81.2	80.4	81.9	85.7	78.2
„ 14,	80.5	80.2	80.0	80.7	79.3	79.5	80.3	81.9	83.0	84.7	84.6	84.9	85.4	84.9	85.1	83.7	83.2	82.2	82.1	81.0	80.3	80.2	80.0	77.9	81.9	85.4	77.9
„ 15,	78.6	80.0	79.7	79.6	79.1	79.3	78.9	80.2	81.0	82.0	83.0	83.1	83.8	83.9	83.0	82.7	82.1	81.9	81.1	81.2	81.7	81.2	81.3	81.1	81.2	84.7	77.3
„ 16,	81.0	80.9	79.2	79.7	80.0	80.5	81.0	81.9	82.8	83.8	84.9	88.4	88.8	88.4	87.1	85.4	83.6	82.6	82.0	81.3	81.6	80.8	80.7	80.5	82.8	89.3	79.1
„ 17,	80.6	80.6	83.1	83.0	82.2	83.3	83.9	85.6	85.8	86.3	85.5	85.0	81.2	78.4	75.9	75.3	75.1	76.4	77.2	77.5	79.0	78.1	78.9	80.4	80.8	86.5	73.5
„ 18,	80.9	81.6	81.5	81.2	81.1	80.8	81.4	81.7	82.8	82.9	83.3	83.0	82.8	82.6	82.9	81.8	81.9	81.2	80.8	80.7	80.9	80.2	80.9	80.9	81.7	83.3	80.2
„ 19,	80.2	79.5	79.5	80.2	79.0	80.0	80.7	82.0	80.8	80.4	82.3	83.0	82.3	82.8	82.9	82.4	82.0	80.7	80.1	80.0	79.7	79.5	79.3	79.6	80.8	83.1	78.9
„ 20,	80.0	79.0	79.3	79.2	78.8	79.6	80.4	82.4	84.0	85.7	84.9	83.9	85.8	85.9	85.6	85.4	83.3	83.2	83.1	83.5	83.2	83.1	82.9	81.9	82.7	85.9	78.7
„ 21,	82.2	81.9	79.2	81.4	80.5	81.1	82.0	82.0	82.5	82.7	84.0	83.1	82.9	83.0	82.8	81.7	82.4	81.6	81.6	81.8	81.4	81.2	80.4	80.3	81.8	84.6	79.2
„ 22,	80.0	80.4	80.5	80.0	80.4	80.5	81.2	81.8	83.1	84.2	84.4	84.0	83.0	83.1	82.6	82.5	81.5	81.3	81.3	81.2	81.1	81.1	81.2	80.3	81.7	84.4	79.4
„ 23,	80.1	80.2	80.2	80.1	79.1	79.2	80.1	82.2	82.8	84.7	84.7	85.0	85.4	85.1	85.9	86.1	84.2	82.3	81.4	81.3	80.1	80.0	79.8	79.5	82.1	87.9	79.0
„ 24,	79.6	79.8	80.0	80.3	80.5	81.1	81.9	82.6	84.0	85.2	86.7	85.7	85.9	87.4	86.8	87.5	86.9	85.4	84.9	84.8	84.8	85.0	84.3	83.1	83.9	87.6	79.5
„ 25,	82.9	83.0	82.1	81.5	82.2	82.2	83.1	84.8	85.0	86.2	86.3	87.8	87.2	87.1	85.2	78.9	81.8	81.1	78.9	79.7	80.2	80.9	78.6	79.5	82.8	87.8	78.0
„ 26,	80.0	79.8	80.3	80.9	81.0	81.0	81.8	81.8	82.1	83.3	82.9	82.6	81.4	81.8	80.4	80.9	80.9	80.8	81.6	80.9	80.7	80.6	80.6	80.6	81.2	83.4	79.5
„ 27,	80.7	80.9	80.4	81.1	80.2	80.3	80.9	81.6	81.9	82.8	83.0	83.3	83.9	83.4	81.9	82.3	81.3	80.0	79.8	79.9	79.6	79.0	79.0	79.1	81.1	83.9	79.0
„ 28,	78.9	78.8	78.9	79.0	78.0	77.9	78.7	80.7	82.0	83.8	83.7	84.2	84.8	85.5	85.1	85.2	84.1	82.1	81.4	80.2	80.1	79.5	78.9	78.7	81.3	86.1	77.8
„ 29,	78.9	78.2	78.4	78.8	78.9	79.0	80.2	81.1	82.3	84.6	86.3	86.7	86.1	82.9	81.3	80.3	80.3	80.3	78.6	78.6	78.6	78.3	78.6	79.1	80.7	86.9	78.1
„ 30,	78.9	78.3	78.5	79.7	76.8	78.0	79.6	80.0	80.7	82.2	82.3	84.0	84.8	84.5	84.7	85.0	83.2	80.9	79.9	79.9	79.6	79.2	79.1	76.6	80.7	85.2	76.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	80.2	80.1	80.2	80.3	80.0	80.1	81.1	82.0	82.8	83.8	84.4	84.4	84.6	84.4	84.0	83.2	82.6	81.7	81.2	81.0	81.0	80.7	80.5	80.2	81.9	85.9	78.4

* Interpolated.

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF SEPTEMBER, 1887.

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.	Sun.	Rad.
Sept. 1,	72.9	72.4	71.9	72.4	73.2	71.2	73.9	74.4	75.2	75.5	74.3	74.3	74.5	74.4	75.3	74.3	73.4	72.7	71.8	73.4	73.1	72.5	73.0	74.3	73.5	142.9	72.4
„ 2,	74.7	74.8	74.1	73.7	73.9	74.4	74.6	74.5	74.6	75.2	75.3	76.3	77.5	78.0	77.5	76.2	76.5	76.3	76.6	76.1	77.3	77.3	77.6	77.4	75.8	141.9	72.1
„ 3	76.6	76.8	76.5	75.7	76.1	75.3	74.0	74.4	74.6	75.6	76.2	75.5	76.4	76.6	76.8	77.3	76.9	76.6	76.0	76.2	76.4	76.1	76.2	75.3	76.0	149.8	76.8
„ 4,	74.9	74.7	74.7	75.1	73.2	74.4	74.2	74.5	74.7	73.8	74.1	76.6	76.5	76.6	76.5	76.2	76.6	76.4	76.4	76.6	76.4	75.8	76.1	75.8	75.5	138.6	77.0
„ 5,	76.1	75.6	75.3	74.6	74.5	73.8	74.3	74.7	74.4	74.2	74.1	75.1	76.0	75.6	76.4	77.0	76.4	75.7	75.6	75.7	76.1	76.4	76.3	76.2	75.4	140.1	75.3
„ 6,	76.3	76.1	75.7	75.3	75.0	75.0	75.5	75.2	74.7	75.6	75.2	74.8	76.2	76.7	76.9	77.4	77.4	76.9	76.6	77.3	77.5	78.0	78.0	78.1	76.3	145.2	76.6
„ 7,	78.6	78.1	77.8	77.5	76.8	75.4	75.4	76.1	75.4	76.8	77.2	77.5	77.8	77.5	77.1	77.1	76.4	76.4	76.0	77.0	76.2	77.1	77.2	77.0	76.9	139.7	77.4
„ 8,	76.9	76.9	76.7	76.4	76.4	76.0	76.2	76.1	76.3	75.9	76.3	76.4	76.5	76.8	76.6	77.2	77.4	77.5	77.8	77.7	77.8	77.4	77.0	76.5	76.8	142.8	79.4
„ 9,	76.6	76.7	76.7	76.6	76.6	76.5	77.3	77.7	77.6	77.9	78.9	79.0	79.4	79.1	79.2	79.2	79.3	79.4	78.1	78.6	78.8	78.8	78.9	77.7	78.1	146.2	77.1
„ 10,	77.6	77.6	77.5	78.7	77.9	78.2	77.7	77.7	77.2	77.3	78.2	77.6	79.2	80.1	78.7	78.6	78.6	78.3	78.5	78.5	77.8	78.4	*77.8	*77.2	78.1	158.6	76.3
„ 11,	76.6	*75.9	75.2	74.8	*75.0	75.2	74.5	74.6	74.8	75.7	75.9	77.1	76.2	76.8	76.5	76.5	76.8	76.4	76.5	76.3	76.7	76.7	76.2	75.5	75.9	100.2	76.3
„ 12,	76.2	76.2	75.7	75.6	75.8	75.5	75.1	75.4	75.7	75.9	77.2	77.5	77.1	77.5	76.8	76.5	76.2	75.7	75.8	76.3	76.0	75.2	74.5	75.0	76.0	*114.8	75.5
„ 13,	76.1	75.9	76.4	77.1	77.6	78.0	78.5	78.7	78.8	79.2	79.4	78.3	79.1	79.8	80.5	79.8	79.6	78.6	78.9	79.3	79.2	79.2	79.0	78.6	78.6	140.3	75.3
„ 14,	78.1	78.4	78.0	77.5	77.0	76.7	76.9	77.6	78.2	78.5	77.2	78.4	79.0	78.5	77.5	76.3	76.9	77.6	77.4	77.2	77.0	77.3	77.2	75.5	77.5	145.3	76.1
„ 15,	76.5	76.1	75.9	75.9	76.0	76.2	75.8	76.4	76.2	76.0	75.7	75.9	75.8	75.5	76.5	77.1	76.7	76.5	76.8	77.3	77.1	77.1	76.5	76.5	76.3	145.0	75.0
„ 16,	76.8	76.4	76.1	76.3	76.4	76.6	76.9	77.4	77.2	78.4	79.1	78.5	78.6	79.4	80.6	78.5	78.7	78.7	77.9	78.3	78.3	78.6	77.9	78.4	77.9	155.6	76.2
„ 17,	77.7	77.2	75.7	74.3	74.7	74.7	75.0	74.4	75.4	75.9	75.6	76.1	77.5	76.4	73.5	73.8	74.1	74.7	75.7	74.7	75.9	76.2	76.6	77.7	75.6	134.9	70.6
„ 18,	77.7	77.7	77.6	77.7	77.6	77.7	77.5	77.4	77.6	77.7	78.1	78.0	78.0	78.3	78.5	77.7	77.4	77.4	77.3	77.0	76.7	77.2	77.2	77.3	77.6	134.4	76.3
„ 19,	77.5	76.2	77.1	76.7	76.7	76.6	77.3	77.3	76.7	76.8	77.4	77.8	77.2	77.5	78.0	77.8	77.0	77.1	76.7	77.0	77.2	77.2	77.0	76.5	77.1	140.8	75.7
„ 20,	76.2	76.3	76.3	75.4	75.9	75.1	75.2	76.4	76.6	77.3	78.6	78.6	77.7	78.5	78.6	78.8	78.8	78.2	77.5	75.8	75.1	75.8	75.6	76.3	76.9	144.2	73.0
„ 21,	76.3	76.3	74.8	76.1	75.8	75.7	76.5	76.5	77.4	77.4	76.9	76.6	77.0	77.1	77.7	77.2	77.3	77.0	77.1	77.1	77.0	76.8	76.9	76.8	76.7	129.8	75.7
„ 22,	77.0	76.8	77.2	76.9	76.8	76.9	77.4	77.2	77.6	77.5	77.8	78.7	78.1	78.0	78.2	78.2	78.2	77.7	78.0	78.1	77.6	77.8	78.0	77.7	77.6	150.1	76.1
„ 23,	77.6	77.5	77.2	76.7	76.7	76.6	77.2	77.5	78.0	78.4	77.6	77.3	78.4	77.6	77.8	78.7	78.8	77.8	77.3	76.8	77.3	77.7	76.8	77.5	77.5	145.5	74.6
„ 24,	77.6	77.8	77.3	77.6	77.2	77.7	77.6	78.3	79.2	80.1	81.4	80.6	80.4	81.1	81.1	81.4	81.2	80.3	79.5	79.9	79.7	79.3	80.0	80.3	79.4	141.1	75.7
„ 25,	80.2	80.1	79.5	79.0	79.0	75.8	76.0	75.9	75.7	77.1	76.2	76.9	75.2	75.7	75.8	74.3	75.3	75.9	73.3	75.3	75.8	75.5	76.2	75.9	76.5	146.7	74.2
„ 26,	75.6	75.1	75.3	76.0	76.2	76.1	77.0	77.1	77.6	77.4	77.6	77.5	77.2	77.5	77.1	76.9	76.9	76.7	76.9	76.8	77.0	77.2	77.1	76.9	76.8	125.5	74.8
„ 27,	76.9	76.8	76.5	76.4	75.9	76.1	75.9	75.9	76.6	76.3	76.5	76.0	76.1	77.6	76.0	75.9	76.4	75.6	75.9	75.9	75.9	75.2	74.8	75.5	76.1	141.4	75.5
„ 28,	75.5	76.1	75.9	76.0	75.7	75.7	74.9	76.4	75.7	76.6	77.0	77.6	76.7	76.5	76.7	77.2	76.7	75.7	76.4	75.8	76.7	76.2	76.3	75.8	76.2	144.2	77.2
„ 29,	76.5	76.5	76.6	76.9	76.9	77.0	77.4	76.9	77.6	75.8	78.3	77.6	78.1	78.1	77.4	76.8	76.8	76.6	74.4	75.4	74.3	75.2	75.1	75.0	76.5	148.9	75.0
„ 30,	74.6	74.5	75.3	75.5	72.9	73.3	73.5	74.2	72.6	72.8	72.8	73.4	73.5	73.5	74.0	73.2	73.1	74.4	74.8	75.2	75.6	75.2	74.8	73.7	74.0	144.8	73.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	76.6	76.4	76.2	76.1	76.0	75.8	76.0	76.2	76.3	76.6	76.9	77.1	77.2	77.4	77.3	77.1	77.1	76.8	76.6	76.8	76.8	76.8	76.7	76.6	76.6	140.6	75.4

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF SEPTEMBER, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	85	0.869	Sept. 1,.....	67	0.718
2 „	84	.861	„ 2,.....	75	.811
3 „	82	.851	„ 3,.....	76	.822
4 „	81	.845	„ 4,.....	84	.836
5 „	82	.845	„ 5,.....	74	.798
6 „	81	.835	„ 6,.....	74	.823
7 „	78	.830	„ 7,.....	74	.842
8 „	76	.827	„ 8,.....	75	.843
9 „	73	.820	„ 9,.....	81	.901
10 „	71	.820	„ 10,.....	72	.868
11 „	70	.825	„ 11,.....	72	.805
Noon.	71	.834	„ 12,.....	84	.850
1 p	70	.836	„ 13,.....	86	.935
2 „	72	.847	„ 14,.....	81	.885
3 „	73	.848	„ 15,.....	78	.841
4 „	75	.850	„ 16,.....	79	.891
5 „	77	.858	„ 17,.....	78	.817
6 „	79	.856	„ 18,.....	83	.892
7 „	81	.855	„ 19,.....	84	.882
8 „	82	.866	„ 20,.....	76	.848
9 „	82	.866	„ 21,.....	79	.851
10 „	83	.870	„ 22,.....	83	.892
11 „	84	.869	„ 23,.....	81	.882
Midt.	85	.869	„ 24,.....	81	.945
			„ 25,.....	74	.829
			„ 26,.....	81	.863
			„ 27,.....	78	.834
			„ 28,.....	78	.836
			„ 29,.....	81	.857
			„ 30,.....	72	.751
			.....	...	...
Mean, ...	78	0.848	Mean,.....	78	0.848

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.
1887.														
Sept. 1,	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.4
„ 2,	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.2	11.2
„ 3,	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.7	...	0.7	...	9.3
„ 4,	...	...	...	...	...	...	0.1	...	0.4	0.3	0.8	0.6	0.1	2.3
„ 5,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.4
„ 6,	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.2	10.3
„ 7,	...	0.8	0.5	0.6	0.3	...	0.1	...	0.1	...	...	0.1	...	2.5
„ 8,	...	0.8	1.0	1.0	1.0	0.5	0.9	1.0	0.8	1.0	1.0	1.0	0.2	10.2
„ 9,	...	0.9	1.0	1.0	1.0	1.0	0.8	0.5	1.0	1.0	1.0	1.0	...	10.2
„ 10,	...	...	...	...	...	0.8	...	0.6	0.2	0.1	...	...	...	1.7
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	0.1	0.1	0.3	...	...	0.5
„ 13,	...	...	0.4	0.9	0.5	0.6	0.6	0.4	0.6	0.5	0.7	0.2	...	5.4
„ 14,	...	...	...	0.5	0.7	0.6	0.8	1.0	0.8	0.9	0.7	0.4	...	6.4
„ 15,	...	...	0.6	0.9	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	9.1
„ 16,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.1	...	8.5
„ 17,	...	0.2	1.0	0.9	0.3	0.4	0.1	...	...	...	...	...	...	2.9
„ 18,	...	...	...	0.7	0.2	0.8	0.4	0.1	0.1	...	...	...	...	2.3
„ 19,	...	0.2	1.0	0.6	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.0	0.1	9.7
„ 20,	0.1	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.8	0.9	...	10.6
„ 21,	...	0.1	...	0.6	...	0.5	0.6	0.3	0.1	0.1	...	...	...	2.3
„ 22,	...	...	0.2	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.7	...	8.1
„ 23,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.5
„ 24,	...	0.6	0.9	0.9	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.6	...	9.7
„ 25,	...	0.1	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.1	0.2	...	...	7.2
„ 26,	...	...	...	0.3	0.7	0.7	0.4	0.1	0.1	0.1	0.3	...	...	2.7
„ 27,	...	0.7	0.8	1.0	1.0	1.0	1.0	1.0	0.1	1.0	1.0	1.0	...	9.6
„ 28,	...	0.5	0.7	1.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	...	10.0
„ 29,	...	0.5	0.3	0.4	1.0	0.9	1.0	1.0	0.5	...	...	...	...	5.6
„ 30,	...	0.5	0.9	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.3	...	9.5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	0.8	12.4	18.3	22.1	21.0	22.6	21.6	20.2	19.8	18.5	17.0	14.7	1.1	210.1
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF SEPTEMBER, 1887.

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.
Sept. 1,	0·035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·035
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	0·200	...	...	...	...	...	...	...	...	0·210
„ 4,	...	0·010	0·015	0·180	0·030	0·255	0·035	0·005	0·110	0·035	...	0·010	...	...	...	...	...	...	...	...	...	0·005	...	...	0·690
„ 5,	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	0·005	...	0·040	0·020	...	...	...	...	...	...	...	...	...	0·065
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	0·025	0·035	0·060	0·025	0·075	0·095	0·105	0·130	0·140	0·140	0·055	0·885
„ 12,	0·135	0·010	0·080	...	...	...	0·005	0·120	...	...	0·020	0·035	0·010	0·060	...	...	...	...	...	...	0·310	0·195	0·020	0·030	1.030
„ 13,	...	...	...	...	...	...	...	...	...	...	...	0·065	...	...	...	...	...	0·100	...	...	...	...	...	...	0·165
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	...	0·030	0.110	0·080	0·100	0·330
„ 15,	...	...	0·010	0·045	0·175	0·075	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·310
„ 16,	...	...	0·075	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·075
„ 17,	...	...	...	0·010	...	...	...	...	...	...	...	0·035	0·110	0·785	0·490	1·390	0·960	0·525	0·230	0·140	0·115	0·550	0·420	0·095	5·855
„ 18,	0·015	0·010	...	...	...	0·005	...	...	...	...	...	...	...	0·005	0·030	0·010	...	...	0·015	0·005	0·085	0·020	...	0·020	0·220
„ 19,	0·075	0·045	0·005	...	0·025	...	...	...	0·030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·180
„ 20,	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
„ 21,	...	0·020	0·120	0·020	...	...	...	0·025	...	...	...	...	...	...	0·100	0·020	...	0·015	...	...	...	...	...	...	0·320
„ 22,	...	...	...	0·065	...	...	...	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	0·070
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	0·035	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	0·005	0·020	...	0·170	...	0·235
„ 26,	...	...	...	...	...	0·035	...	...	...	...	...	...	...	...	0·055	0·040	...	...	...	...	...	...	...	...	0·130
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	...	...	...	0·020	...	0·025
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·055	0·045	0·100
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0·280	0·095	0·305	0·320	0·265	0·375	0·045	0·150	0.140	0·035	0·020	0·150	0·120	0·915	0·740	1·725	0·985	0·715	0·360	0·255	0·690	1·020	0.905	0·345	10·955

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF SEPTEMBER, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
Sept. 1,	32	5	30	3	1	12	3	3	...	1	2	3	...	0	1	2	31	4	7	5	6	9	8	14	10	15	9	14	10	15	10	15	10	10	9	7	4	3	...	1	...	0	...	0	...	1	12	2	144	6.0
" 2,	...	0	...	1	...	0	...	1	...	1	4	2	3	2	2	6	12	3	6	3	15	5	22	8	23	10	25	12	25	10	22	9	22	10	22	9	22	5	22	3	22	3	7	9	8	14	8	11	137	5.7
" 3,	7	8	8	6	...	1	...	0	...	0	31	4	32	10	2	9	32	9	8	8	2	8	8	8	10	8	9	11	9	9	8	14	8	14	8	16	7	14	7	14	6	14	6	19	5	20	4	16	240	10.0
" 4,	5	19	6	17	6	18	9	30	8	21	6	18	6	17	5	20	8	22	6	21	6	12	7	19	7	21	7	21	7	21	7	21	7	19	7	19	7	14	7	24	7	23	7	27	7	26	7	29	499	20.8
" 5,	7	30	6	28	7	26	7	30	6	31	6	29	6	28	6	26	6	28	6	29	6	25	7	23	8	23	9	21	9	20	9	21	8	24	7	23	7	22	7	24	8	24	8	28	7	19	7	22	604	25.2
" 6,	7	21	7	22	7	23	6	22	7	19	7	15	5	11	5	16	6	26	4	19	5	18	5	16	8	18	9	9	10	10	9	16	9	19	8	16	7	13	7	13	7	13	6	14	6	14	7	12	395	16.5
" 7,	8	11	6	7	7	10	6	12	5	15	6	20	5	24	4	27	6	39	6	47	6	44	7	43	7	40	6	39	6	39	7	43	7	43	7	38	7	41	7	39	7	38	6	36	6	34	6	34	763	31.8
" 8,	6	35	6	33	7	35	6	36	6	37	6	34	6	33	6	31	7	30	7	33	7	24	7	26	7	25	8	23	7	23	7	20	7	16	8	18	7	18	7	18	7	21	7	20	7	16	7	16	621	25.9
" 9,	6	15	6	15	7	14	6	10	7	6	7	5	...	1	27	2	23	7	22	10	22	9	23	5	19	9	20	8	22	4	16	5	24	6	24	3	...	1	28	4	25	2	26	6	26	9	23	8	164	6.8
" 10,	26	7	26	7	25	2	26	9	26	15	24	11	25	9	25	3	23	6	31	9	24	5	23	7	23	8	23	12	26	18	27	12	26	7	26	8	22	4	18	2	20	2	22	6	32	9	31	8	186	7.8
" 11,	28	10	22	7	30	12	30	14	30	14	28	12	30	20	30	19	30	17	25	17	26	19	28	16	30	12	26	18	27	20	27	17	27	22	26	29	27	30	26	38	25	43	25	49	24	51	22	39	545	22.7
" 12,	20	34	18	37	18	31	18	24	17	26	17	18	16	12	16	11	8	6	4	8	14	7	14	12	15	17	15	15	16	14	16	12	15	15	15	14	13	12	12	16	14	20	15	21	15	27	13	20	429	17.9
" 13,	15	17	15	14	12	9	13	11	14	22	14	17	14	15	14	13	13	13	14	13	13	13	12	11	14	10	13	9	7	13	8	15	8	14	11	11	9	10	9	11	10	11	9	12	10	9	10	5	298	12.4
" 14,	6	4	8	4	7	10	6	7	8	2	30	2	32	3	2	5	6	8	6	7	6	9	10	13	9	16	9	15	9	16	8	13	8	13	8	13	7	15	7	25	7	24	7	22	7	24	8	24	294	12.2
" 15,	7	16	6	22	6	19	6	20	7	21	5	19	6	22	6	28	6	25	7	28	7	29	7	26	7	25	8	24	8	24	8	22	8	17	8	19	8	21	7	19	6	20	7	19	7	22	7	20	527	22.0
" 16,	9	23	7	18	7	16	8	16	7	11	6	6	6	5	9	4	29	4	23	10	28	14	32	7	1	6	26	13	22	8	15	6	13	10	13	4	8	3	...	1	10	2	10	3	...	1	...	1	192	8.0
" 17,	10	2	4	11	4	22	2	24	3	29	3	28	2	34	3	34	4	41	4	48	5	56	5	60	6	61	11	63	6	51	9	68	9	69	9	67	9	61	11	59	10	53	10	54	10	61	10	58	1114	46.4
" 18,	10	54	11	50	11	48	10	45	10	40	11	40	12	39	12	41	13	39	13	26	13	27	13	26	13	24	13	23	13	19	13	21	13	23	11	19	12	19	11	22	11	22	10	21	11	21	10	22	731	30.5
" 19,	11	18	11	20	10	19	10	16	9	15	11	14	10	15	10	15	10	16	9	15	8	19	8	17	8	16	9	17	9	18	8	13	8	12	10	10	8	6	8	7	8	7	8	4	..	0	32	2	311	13.0
" 20,	32	2	...	0	...	0	...	1	24	3	24	3	24	2	32	5	1	12	1	16	10	16	10	16	11	11	11	9	8	11	9	11	7	18	7	16	6	23	6	32	7	35	6	39	6	38	6	42	361	15.0
" 21,	6	43	6	46	7	45	6	49	6	45	6	45	6	43	7	43	7	45	7	47	8	54	7	52	7	54	8	56	8	54	9	53	9	50	10	47	10	42	11	41	11	38	11	33	10	37	10	33	1095	45.6
" 22,	10	31	11	32	11	35	12	33	11	28	12	32	12	30	13	29	12	31	13	25	13	20	10	20	8	24	9	19	8	20	9	21	9	20	9	22	10	19	9	19	8	19	8	21	10	18	9	16	584	24.3
" 23,	10	16	10	16	10	10	13	5	13	4	...	1	...	0	13	2	10	5	10	7	9	10	9	4	25	8	25	9	23	6	24	5	24	8	24	7	23	7	23	4	...	1	24	4	25	6	25	4	149	6.2
" 24,	25	3	25	5	25	9	25	10	25	10	25	10	25	10	26	10	24	15	25	16	24	15	23	19	21	18	26	14	23	12	24	12	26	8	26	8	27	13	26	13	27	9	22	8	8	11	9	17	275	11.5
" 25,	10	11	10	8	10	13	7	10	10	29	7	34	7	35	6	29	7	30	5	35	6	36	6	34	6	40	5	46	6	44	6	49	6	48	6	51	6	45	6	44	7	42	7	47	8	44	7	40	844	35.2
" 26,	7	40	7	40	8	46	8	51	8	55	9	54	10	49	10	48	10	54	11	48	10	48	10	41	10	45	10	40	10	39	11	36	11	34	11	35	11	31	11	28	10	26	10	25	10	27	10	28	968	40.3
" 27,	10	25	10	21	10	24	9	26	9	28	9	29	9	26	9	24	9	20	8	23	9	18	9	19	9	20	9	17	9	16	9	17	9	12	8	10	9	9	11	8	7	7	7	2	...	1	...	1	403	16.8
" 28,	13	2	...	0	...	0	...	0	...	0	...	1	...	1	...	1	...	1	24	2	24	7	23	9	23	9	22	7	25	8	25	7	25	4	25	2	18	2	...	0	...	1	18	2	...	0	...	1	67	2.8
" 29,	...	1	18	2	18	2	...	0	...	0	...	0	...	1	26	4	24	2	23	5	23	2	10	9	12	7	16	11	23	11	29	6	29	5	29	6	1	5	2	2	...	0	7	2	10	2	...	0	85	3.5
" 30,	...	1	...	0	7	2	11	11	7	21	5	16	4	15	2	9	1	19	1	20	2	18	2	13	1	12	2	9	1	11	1	11	8	12	10	10	8	7	6	6	9	17	8	18	7	17	8	10	285	11.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.. ...	.....
Sums,	...	504	...	492	...	513	...	526	...	549	...	522	...	512	...	516	...	577	...	600	...	596	...	593	...	612	...	604	...	584	...	591	...	582	...	557	...	515	...	537	...	537	...	571	...	579	...	541	13310	554.7
Hourly Means,	...	16.8	...	16.4	...	17.1	...	17.5	...	18.3	...	17.4	...	17.1	...	17.2	...	19.2	...	20.0	...	19.9	...	19.8	...	20.4	...	20.1	...	19.5	...	19.7	...	19.4	...	18.6	...	17.2	...	17.9	...	17.9	...	19.0	...	19.3	...	18.0	443.7	18.5

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR SEPTEMBER, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.1	12.6	3.4	1.3	−1.3	+11.2	E 7° S
2 „	2.4	11.7	4.6	1.1	2.2	10.6	E 12° S
3 „	1.7	13.1	3.9	0.9	−2.2	12.2	E 10° S
4 „	3.1	13.3	2.8	1.0	+0.3	12.3	E 1° N
5 „	2.9	13.8	3.0	1.0	−0.1	12.8	E
6 „	3.8	12.6	3.1	1.1	+0.7	11.5	E 3° N
7 „	4.9	11.4	3.2	0.9	1.7	10.5	E 9° N
8 „	5.4	11.8	3.2	0.8	2.2	11.0	E 11° N
9 „	4.5	13.8	2.9	1.3	1.6	12.5	E 7° N
10 „	5.3	13.6	2.9	2.0	2.4	11.6	E 12° N
11 „	4.6	14.3	2.6	2.1	2.0	12.2	E 9° N
Noon.	3.1	15.1	2.5	1.9	+0.7	13.1	E 3° N
1 p.	2.1	15.3	3.3	1.9	−1.1	13.4	E 5° S
2 „	2.3	14.1	4.0	2.8	−1.7	11.3	E 9° S
3 „	2.6	14.2	1.8	2.9	+0.8	11.3	E 4° N
4 „	1.8	15.4	2.4	1.9	−0.6	13.5	E 3° S
5 „	1.4	15.6	2.3	1.9	0.9	13.7	E 4° S
6 „	1.3	14.4	3.0	2.1	1.7	12.4	E 8° S
7 „	2.0	13.6	2.3	1.5	0.3	12.1	E 1° S
8 „	1.7	13.5	4.2	1.8	2.5	11.7	E 12° S
9 „	0.6	14.2	3.1	1.8	2.5	12.4	E 11° S
10 „	1.3	14.4	2.9	2.4	1.6	12.1	E 8° S
11 „	1.9	14.2	3.2	2.2	1.3	12.0	E 6° S
Midt.	1.6	14.4	2.7	1.5	−1.1	+12.9	E 5° S
Mean,.....	2.7	13.8	3.1	1.7	−0.4	+12.1	E 2° S

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Sept. 1,.....	...	...	0	NE	3	1	E	3	1	N	3	1
„ 2,.....	...	...	0	NE	4	2	SW	3	1	NE	4	1
„ 3,.....	...	...	1	NE	4	2	E	3	3	E	4	4
„ 4,.....	...	...	3	E	5	3	E	5	3	E	6	4
„ 5,.....	...	...	3	E	5	3	E	4	3	E	5	3
„ 6,.....	...	...	3	E	4	3	ENE	3	2	ENE	4	3
„ 7,.....	...	...	3	E	7	1	SE	7	1	E	7	1
„ 8,.....	...	...	1	E	5	1	E	4	1	E	4	3
„ 9,.....	...	...	3	ENE	3	2	SSW	4	1	SE	4	2
„ 10,.....	...	...	1	NNE	3	1	NNE	4	2	NNW	5	1
„ 11,.....	...	...	2	NNW	6	2	NNE	7	3	NNW	9	3
„ 12,.....	...	...	4	S	5	2	SW	5	3	S	6	2
„ 13,.....	...	...	2	S	5	2	S	4	2	S	5	2
„ 14,.....	...	...	1	E	5	2	E	4	2	NE	5	3
„ 15,.....	...	...	3	E	5	4	E	4	3	E	4	3
„ 16,.....	...	...	2	NNE	4	1	SSE	3	1	NE	5	1
„ 17,.....	...	...	4	NE	6	6	E	8	6	SE	10	6
„ 18,.....	...	...	5	S	5	4	S	5	3	SE	5	3
„ 19,.....	...	...	1	ESE	4	2	SE	4	1	SE	5	1
„ 20,.....	...	...	1	NE	5	3	E	5	2	E	6	4
„ 21,.....	...	...	5	E	7	5	ESE	7	5	ESE	6	5
„ 22,.....	...	...	3	SE	4	3	SE	4	2	SE	4	2
„ 23,.....	...	...	1	SE	4	1	SE	3	1	NW	4	1
„ 24,.....	...	...	0	NW	4	0	NNW	5	0	NNW	6	1
„ 25,.....	...	...	3	E	5	4	E	6	6	E	7	5
„ 26,.....	...	...	5	ESE	6	5	ESE	6	3	ESE	6	2
„ 27,.....	...	...	2	ESE	4	1	ESE	3	0	ESE	3	0
„ 28,.....	...	...	0	ESE	3	0	E	2	0	S	2	0
„ 29,.....	...	...	0	SE	3	0	SE	4	0	E	4	1
„ 30,.....	...	...	4	NE	4	3	NE	3	1	NNE	3	2
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	...	...	2.2	E 3° N	4.6	2.3	E 18° S	4.4	2.1	E 1° S	5.0	2.3

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
Sept. 1,.....	28.080	28.048	28.040	76.5	78.8	76.5	136.3	79.3	73.7	69.8
" 2,.....	.092	.044	.011	77.7	78.8	76.5	139.7	81.3	73.5	70.4
" 3,.....	.066	.013	.008	76.8	79.2	76.0	142.4	80.1	74.2	71.3
" 4,.....	.078	.014	.038	73.2	74.2	73.5	131.3	79.5	72.9	70.6
" 5,.....	.066	.024	27.999	74.7	76.4	74.0	135.5	76.6	71.5	71.0
" 6,.....	.062	.006	.990	75.2	80.2	74.8	137.8	81.5	73.9	72.4
" 7,.....	27.966	27.923	.975	76.8	74.8	74.5	127.1	77.3	74.5	72.0
" 8,.....	28.030	.991	.978	76.4	78.8	75.4	135.5	79.3	74.4	72.6
" 9,.....	27.970	.899	.856	77.5	79.4	76.4	145.8	80.3	73.2	73.4
" 10,.....	.793	.705	.713	77.7	79.6	78.4	148.1	80.5	74.7	73.0
" 11,.....	.639	.517	.509	76.7	75.0	73.8	97.4	79.5	73.7	71.6
" 12,.....	.627	.645	.741	72.8	72.8	72.4	108.4	77.1	72.0	71.4
" 13,.....	.920	.919	.934	75.2	76.9	74.8	140.5	79.1	72.4	72.5
" 14,.....	28.002	.958	.953	75.2	77.7	75.7	143.5	78.6	74.3	73.3
" 15,.....	.028	.973	28.005	73.9	76.7	74.2	134.7	78.3	73.8	71.0
" 16,.....	.025	.960	27.941	76.4	78.2	76.8	142.7	80.9	74.2	71.3
" 17,.....	27.847	.663	.854 *	76.2	72.2	*73.6	124.9	*76.8	*72.2	70.3
" 18,.....	28.007	.996	.995	73.7	74.8	73.8	117.2	75.3	73.3	71.3
" 19,.....	.057	.993	.988	74.3	76.2	74.9	142.8	77.6	72.2	71.8
" 20,.....	27.972	.887	.853	75.8	80.2	76.0	143.9	81.6	73.8	70.4
" 21,.....	.843	.843	.959	73.9	74.8	74.0	129.0	76.0	73.9	69.6
" 22,.....	28.116	28.113	28.141	73.8	75.7	74.8	130.0	77.3	73.7	70.8
" 23,.....	.173	.125	.098	75.9	78.8	76.7	145.6	80.1	74.7	71.6
" 24,.....	.036	27.900	27.911	75.8	80.0	75.8	136.5	80.3	74.7	74.3
" 25,.....	27.879	.773	.763	76.8	76.7	74.7	144.9	79.1	73.3	72.4
" 26,.....	.978	.982	28.041	74.5	74.5	73.7	125.1	78.2	71.3	69.4
" 27,.....	28.175	28.159	.166	74.8	77.2	75.1	140.7	78.6	73.2	71.6
" 28,.....	.186	.110	.092	76.7	78.8	77.2	142.8	80.3	74.2	69.6
" 29,.....	.120	.094	.067	77.0	76.8	75.0	142.4	79.6	74.6	70.6
" 30,.....	.095	.039	.031	74.7	78.5	75.4	139.5	79.3	73.2	69.8
.....	...	...	...	...	...	...	...	...	...	...
Mean,.....	27.998	27.944	27.955	75.6	77.1	75.1	135.1	79.0	73.5	71.4

* Interpolated.

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Sept. 1,.....	66	59	69	82	82	82	0.772	0.709	0.703	0.753	0.805	0.753
" 2,.....	61	66	84	82	83	86	.741	.791	.887	.783	.809	.789
" 3,.....	61	84	80	85	85	90	.750	.887	.842	.789	.850	.808
" 4,.....	89	75	81	93	93	98	.805	.824	.835	.756	.782	.807
" 5,.....	65	77	78	91	84	90	.731	.854	.841	.776	.770	.761
" 6,.....	62	69	84	95	81	94	.757	.836	.909	.830	.838	.814
" 7,.....	65	74	75	81	94	88	.804	.848	.850	.750	.810	.755
" 8,.....	67	70	81	89	83	93	.784	.833	.880	.811	.809	.823
" 9,.....	75	72	92	91	88	86	.874	.903	.961	.863	.882	.790
" 10,.....	62	65	73	81	80	82	.803	.854	.881	.775	.804	.802
" 11,.....	68	82	89	86	93	93	.783	.861	.888	.791	.812	.775
" 12,.....	87	80	86	97	99	98	.855	.852	.835	.780	.796	.774
" 13,.....	77	85	92	98	94	98	.923	.973	.975	.855	.871	.843
" 14,.....	75	69	87	98	88	91	.892	.808	.900	.859	.836	.812
" 15,.....	75	77	83	94	90	95	.818	.857	.877	.786	.828	.806
" 16,.....	77	72	90	94	92	92	.900	.883	.950	.860	.893	.847
" 17,.....	60	100	100	82	93	94	.756	.835	.905	.741	.730	.782
" 18,.....	78	83	87	99	99	98	.881	.895	.895	.821	.852	.815
" 19,.....	85	81	90	96	92	94	.875	.892	.904	.817	.834	.813
" 20,.....	66	74	70	94	82	95	.825	.896	.794	.839	.842	.857
" 21,.....	78	81	81	98	99	95	.870	.874	.863	.818	.852	.801
" 22,.....	73	82	86	94	94	98	.854	.908	.910	.787	.840	.843
" 23,.....	74	70	90	95	88	86	.888	.883	.919	.850	.868	.795
" 24,.....	79	76	77	95	93	95	.960	.991	.925	.851	.962	.851
" 25,.....	65	80	76	86	85	85	.809	.787	.811	.802	.787	.733
" 26,.....	75	83	85	93	93	98	.862	.872	.890	.790	.794	.817
" 27,.....	73	73	83	94	85	88	.820	.810	.824	.814	.801	.771
" 28,.....	71	68	86	94	87	89	.820	.827	.861	.869	.855	.825
" 29,.....	65	85	86	93	93	95	.774	.876	.833	.870	.855	.828
" 30,.....	61	55	82	86	73	83	.681	.659	.822	.737	.717	.728
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	71	76	83	91	89	92	0.822	0.853	0.872	0.807	0.826	0.801

TABLE XII.

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
1887.												
Sept. 1, ...	4	c-str. / sm-cum. / cum-str.	.... / SSE / ESE	8	c-str. / cum.	E	6	c-str. / sm-cum.	S /	7	c-str. / cum.	S / NE
„ 2, ...	1	cum.	...	0	...	...	0	...	...	1	c-str. / cum.	...
„ 3, ...	2	cum.	NE	4	cum.	...	0	...	...	7	cum.	NE
„ 4, ...	10	c-cum. / cum-nim.	NE	10	c-str. / cum-nim.	E	10	c-str. / nim.	ENE	10	str. / nim.	E
„ 5, ...	10	R-cum.	ENE	9	cum.	E	7	c-cum. / cum.	NE / ENE	3	c-str. / c-cum. / cum.	WSW / ENE / E
„ 6, ...	6	c-cum. / cum.	E	5	c-str. / cum.	E	1	c-cum. / cum.	E	4	c-str. / cum.	ENE
„ 7, ...	10	sm-cum. / cum.	E	8	c-str. / cum.	E	7	c-str. / cum.	S / E	10	R-cum.	E
„ 8, ...	7	c-str. / cum.	ENE	6	c-str. / cum.	ENE	5	c-str. / cum.	ENE	1	c-str. / cum.	E
„ 9, ...	5	cum.	E	7	cum.	E	0	...	...	3	cum.	NE
„ 10, ...	9	sm-cum.	NE	5	sm-cum.	...	9	c-str.	S	10	c-str.	ENE
„ 11, ...	10	R-cum.	NNE	10	R-cum.	NNE	10	str.	N	10	nim.	NNE
„ 12, ...	10	nim.	W	10	nim.	SW	10	R-cum.	SSW	10	str. / cum-nim.	S
„ 13, ...	10	nim.	...	10	nim.	SSW	7	c-cum. / cum.	SSE / SSW	9	c-str. / cum.	ENE / S
„ 14, ...	7	c-str. / cum.	ESE	3	c-str. / cum.	E	9	c-str. / cum.	ENE / NE	9	c-str. / cum.	ENE / ENE
„ 15, ...	10	nim.	E	10	nim.	E	9	R-cum.	E	8	sm-cum. / R-cum.	E / E
„ 16, ...	9	cum.	E	10	cum.	ENE	8	R-cum.	NE	3	c-str. / cum.	E / N
„ 17, ...	9	R-cum.	NE	10	nim.	NNE	9	c-cum. / cum.	NE / NE	9	sm-cum. / R-cum.	E / ENE
„ 18, ...	10	nim.	ESE	10	R-cum.	SE	10	R-cum.	SSE	10	R-cum.	SSE
„ 19, ...	10	nim.	SE	9	cum-nim.	SE	8	nim.	SE	7	nim.	SE
„ 20, ...	0	...	...	0	...	...	0	...	...	3	sm-cum. / cum.	ENE / NE
„ 21, ...	8	R-cum.	ENE	9	c-str. / R-cum.	E	10	c-cum. / R-cum.	E / E	10	R-cum.	E
„ 22, ...	8	cum.	SE	10	nim.	SE	8	sm-cum. / cum.	SSE / SE	9	str-cum. / cum.	SE / SE
„ 23, ...	8	cum.	E	1	cum.	ESE	4	c-cum. / cum.	E / E	3	cum.	SSE
„ 24, ...	0	...	...	0	...	...	6	c-str. / cum.	E / NE	8	c-str. / cum.	E / ....
„ 25, ...	8	cum.	NE	10	nim.	ENE	7	c-str. / sm-cum. / cum.	.... / NE / ENE	7	c-str. / cum.	ENE
„ 26, ...	9	R-cum.	ESE	10	nim.	ESE	10	c-str. / R-cum.	ESE	9	c-cum. / R-cum.	SE / SE
„ 27, ...	9	cum.	ESE	10	cum.	ESE	6	cum.	ESE	4	cum.	ESE
„ 28, ...	0	...	...	0	...	...	1	sm-cum.	E	7	sm-cum. / cum-str.	ENE / E
„ 29, ...	1	c-cum.	NE	0	...	...	7	c-str. / sm-cum.	S / NE	7	c-str. / cum.	NE
„ 30, ...	4	c-cum. / cum-str.	ENE /	10	c-cum. / cum.	ENE	8	c-cum. / cum.	NE	3	c-cum.	SW
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	6.8	...	...	6.8	...	...	6.4	...	...	6.7	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Sept. 1,.....	3	c-str. / cum.	S / ENE	1	cum.	...	1	cum.	...	1	cum.	...	3.9
" 2,.....	2	cum.	SE	5	cum.	NNW	1	cum.	NNE	1	cum.	NE	1.4
" 3,.....	8	c-str. / cum.	NE	9	cum-nim.	NNE	10	cum.	NE	3	cum.	NE	5.4
" 4,.....	10	c-cum. / R-cum.	E	7	sm-cum. / cum.	WNW / E	5	cum.	E	10	R-cum.	E	9.0
" 5,.....	5	c-str. / c-cum. / cum.	WSW / ENE / E	9	c-str. / cum.	WSW / E	9	c-str. / cum.	E	10	c-str. / cum.	E	7.8
" 6,.....	5	c-str. / cum.	ENE	8	c-str. / cum.	SW / ENE	3	c-str. / cum.	E	10	c-str. / cum.	E	5.2
" 7,.....	10	c-str. / cum-nim.	E	10	c-str. / R-cum.	WSW / ENE	5	c-str. / cum.	ENE	6	c-str. / cum.	ENE	8.3
" 8,.....	1	c-cum. / cum.	E	0	...	...	2	cum.	E	9	cum.	E	3.9
" 9,.....	9	cum-str. / cum.	NE	3	cum. / cum.	NNE / SW	0	...	...	0	...	...	3.4
" 10,.....	10	c-str. / sm-cum.	NE	10	str-cum.	NE	10	str-cum.	ENE	4	c-str. / str-cum.	E	8.4
" 11,.....	10	str. / nim.	N	10	str. / nim.	NNW	10	str. / nim.	NW	10	nim.	NW	10.0
" 12,.....	10	str. / nim.	SSW	10	c-str. / R-cum.	NE / SSW	10	sm-cum. / cum.	SSW / SSW	10	str. / nim.	SSW	10.0
" 13,.....	10	sm-cum. / cum.	SSW	6	cum.	SSW	9	cum-nim.	SSE	1	cum.	SE	7.7
" 14,.....	10	c-str. / cum.	ENE / E	10	c-str. / cum.	NE /	10	R-cum.	ENE	4	cum-nim.	ENE	7.8
" 15,.....	6	c-str. / sm-cum. / cum.	.... / E / E	5	c-cum. / cum.	E /	2	cum.	E	7	cum.	E	7.1
" 16,.....	4	c-str. / cum.	NNE	10	c-str. / cum. / cum-nim.	SSW / NNE	10	cum-str.	NE	4	str-cum.	NE	7.2
" 17,.....	10	nim.	E	10	nim.	ESE	10	nim.	ESE	10	nim.	SE	9.6
" 18,.....	10	c-str. / R-cum.	SSE	10	c-str. / R-cum.	SSE	10	nim.	SE	3	nim.	SE	9.1
" 19,.....	6	cum.	SE	1	cum.	SSE	0	...	...	0	...	...	5.1
" 20,.....	1	cum.	NE	3	cum.	NE	1	cum-str.	NE	4	R-cum.	ENE	1.5
" 21,.....	10	nim.	E	9	c-cum. / R-cum.	SE / ESE	10	R-cum.	ESE	7	cum.	ESE	9.1
" 22,.....	6	sm-cum. / cum.	SE	9	cum. / nim.	SE	1	cum.	ESE	5	cum.	E	7.0
" 23,.....	2	cum.	SE	1	cum.	ESE	0	...	...	0	...	...	2.4
" 24,.....	10	c-str.	ENE	9	c-str.	ENE	3	c.	E	10	c-str. / cum-str. / cum.	.... / .... / NE	5.7
" 25,.....	7	c-str. / sm-cum. / cum.	ESE / E / ENE	7	c-str. / sm-cum. / nim.	.... / E / ENE	10	c-str. / R-cum.	ENE	10	str. / R-cum.	E	8.3
" 26,.....	10	cum. / cum-nim.	ESE	10	cum. / R-cum.	SE	10	R-cum.	SE	8	R-cum.	SE	9.5
" 27,.....	7	c-str. / cum.	ENE / ESE	1	c-str. / cum.	ENE /	0	...	...	1	cum.	E	4.7
" 28,.....	6	cum.	ENE	3	c-str. / cum-str.	E / NE	1	cum-str.	...	0	...	...	2.3
" 29,.....	4	c-cum. / cum.	NE	9	str-cum. / cum.	NNE / ESE	10	cum-str.	NE	4	c-cum. / cum-str.	E / NE	5.2
" 30,.....	5	c-cum. / cum.	WSW / NE	4	c-str. / cum.	SW / NNE	3	c-cum. / cum.	W / NE	5	R-cum.	ENE	5.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	6.9	...	...	6.6	...	...	5.5	...	...	5.2	...	...	6.4

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Sept. 1,.....	...	...	...	...
„ 2, ...	...	...	...	...
„ 3,.....	0.885	6	0.31	0.71
„ 4,.....	0.035	2	0.13	0.19
„ 5,.....	...	...	...	...
„ 6,.....	...	...	...	...
„ 7,.....	0.065	1	0.05	...
„ 8,.....	...	...	...	...
„ 9,.....	...	...	...	...
„ 10,.....	...	1	...	...
„ 11,.....	1.235	15	1.20	1.71
„ 12,.....	0.680	6	0.90	1.51
„ 13,.....	0.165	1	...	...
„ 14,.....	0.640	7	0.63	0.44
„ 15,.....	0.075	1	...	...
„ 16,.....	0.010	1	...	0.10
„ 17,.....	5.875	14	6.36	1.72
„ 18,.....	0.370	6	0.35	...
„ 19,.....	0.005	...	...	...
„ 20,.....	0.185	3	0.27	...
„ 21,.....	0.200	2	0.16	0.40
„ 22,.....	0.005	1	...	...
„ 23,.....	...	...	...	...
„ 24,.....	0.035	1	0.27	...
„ 25,.....	0.235	4	0.21	0.22
„ 26,.....	0.095	2	0.09	...
„ 27,.....	...	...	...	...
„ 28,.....	...	...	...	...
„ 29,.....	0.025	1	0.38	0.10
„ 30,.....	0.265	1	...	0.24
.....	...	...	...	...
Total,.....	11.085	76	11.31	7.34

A great number of typhoons were experienced in the neighbourhood of the Colony in the cours of the month. They were generally preceded by thunderstorms, which occasionally occur all roun the centre beyond the area where the wind is strong. Nearer the centre but before the wind began t rise, the clouds assumed the form of Roll-cumulus which prevails till full typhoon force is reache The mean height of the mercurial column during this month was below the average of previous Sep tembers, but not very much, as the high pressure area all round the typhoon counter-effects th low pressure near the centre. The solar radiation was both with regard to intensity and to duratio below the average. The true air-temperature, the tension of water-vapour and the rain-fall were abov the average. The mean force of the wind was much above the average as the surrounding calm rin is not sufficient to counteract the strength of the wind nearer the centre. The early morning hours o the 11th furnish a striking instance of the hot, dry and close weather, that precedes a typhoon.

W. Doberck,
Government Astronomer.

Hongkong Observatory, 24th October, 1887.

HONGKONG OBSERVATORY.

Weather Report for October, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock. It contains also information concerning the first appearance and progress of typhoons.

It was hazy on the mornings of the 10th, 11th and 12th.

Dew fell on the evenings of the 7th and 10th.

On the 18th between $7^{h.}$ $30^{m.}$ and $8^{h.}$ $30^{m.}$ a., a thunderstorm passed from SW through W to NE. It was nearest (20s.) at $8^{h.}$ $2^{m.}$ a.

A lunar halo was noted on the 5th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows:—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	2209	153	14.4
NE	2093	164	12.8
E	4640	288	16.1
SE	612	69	8.9
S	61	16	3.8
SW	18	3	6.0
W	53	10	5.3
NW	29	6	4.8
Calm	22	35	0.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF OCTOBER, 1887.

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, ...	29.769	29.749	29.750	29.746	29.746	29.765	29.780	29.804	29.814	29.817	29.817	29.801	29.780	29.758	29.750	29.758	29.761	29.762	29.783	29.794	29.805	29.806	29.804	29.798	29.780
„ 2, ...	.783	.771	.759	.759	.769	.780	.798	.810	.817	.815	.811	.794	.759	.737	.722	.722	.724	.734	.738	.757	.770	.776	.769	.757	.768
„ 3, ...	.750	.742	.740	.739	.751	.766	.775	.792	.798	.795	.784	.771	.740	.717	.700	.703	.703	.711	.722	.745	.764	.772	.766	.763	.750
„ 4, ...	.752	.749	.744	.728	.733	.751	.753	.772	.778	.783	.773	.755	.732	.710	.699	.694	.703	.705	.729	.736	.744	.743	.742	.737	.739
„ 5, ...	.722	.717	.694	.697	.697	.706	.722	.736	.738	.736	.725	.703	.667	.644	.637	.631	.632	.646	.661	.686	.705	.707	.701	.684	.691
„ 6, ...	.678	.663	.664	.659	.680	.686	.709	.711	.726	.727	.716	.706	.685	.665	.653	.654	.662	.684	.705	.726	.745	.753	.753	.755	.699
„ 7, ...	.755	.757	.740	.745	.780	.810	.835	.846	.852	.857	.846	.831	.823	.796	.791	.800	.815	.831	.857	.882	.894	.897	.899	.898	.827
„ 8, ...	.895	.896	.894	.893	.900	.918	.937	.965	.976	.978	.966	.951	.931	.914	.906	.914	.919	.923	.942	.966	.976	.970	.965	.956	.935
„ 9, ...	.948	.940	.932	.931	.936	.949	.969	.976	.981	.982	.969	.944	.920	.901	.889	.888	.890	.898	.904	.925	.933	.932	.918	.903	.932
„ 10, ...	.896	.889	.882	.871	.881	.893	.902	.921	.931	.927	.917	.892	.863	.833	.824	.831	.839	.851	.863	.885	.892	.890	.887	.879	.881
„ 11, ...	.869	.856	.849	.843	.861	.878	.897	.923	.931	.927	.909	.887	.862	.845	.841	.833	.840	.853	.871	.884	.898	.902	.906	.899	.878
„ 12, ...	.897	.890	.884	.883	.894	.918	.930	.947	.957	.956	.936	.911	.887	.875	.874	.882	.890	.900	.919	.939	.951	.961	.957	.948	.916
„ 13, ...	.939	.936	.932	.939	.950	.960	.981	.997	30.013	30.014	30.003	.974	.951	.927	.916	.915	.921	.936	.953	.975	.976	.976	.971	.970	.959
„ 14, ...	.959	.954	.945	.947	.953	.965	.973	.988	29.997	29.989	29.969	.945	.928	.905	.892	.896	.897	.902	.911	.927	.943	.947	.944	.944	.943
„ 15, ...	.937	.925	.918	.914	.912	.925	.945	.954	.970	.959	.943	.920	.896	.881	.872	.868	.880	.896	.915	.934	.942	.941	.940	.929	.921
„ 16, ...	.918	.903	.889	.887	.892	.902	.923	.939	.953	.948	.938	.917	.888	.866	.851	.842	.846	.855	.869	.889	.899	.903	.903	.894	.896
„ 17, ...	.878	.870	.855	.851	.848	.864	.883	.902	.912	.914	.903	.876	.862	.839	.825	.825	.823	.826	.829	.844	.848	.846	.835	.835	.858
„ 18, ...	.826	.809	.791	.787	.784	.795	.814	.848	.866	.867	.855	.846	.810	.788	.789	.794	.802	.810	.808	.844	.852	.866	.869	.870	.825
„ 19, ...	.870	.850	.847	.845	.851	.870	.887	.902	.921	.925	.907	.899	.883	.870	.863	.869	.880	.879	.893	.912	.924	.925	.925	.913	.888
„ 20, ...	.903	.904	.893	.884	.886	.894	.907	.923	.934	.938	.945	.930	.918	.905	.898	.894	.891	.895	.901	.916	.918	.916	.912	.906	.909
„ 21, ...	.897	.884	.874	.874	.874	.881	.903	.918	.934	.930	.906	.871	.837	.805	.794	.796	.816	.826	.849	.868	.878	.882	.870	.865	.868
„ 22, ...	.854	.844	.838	.843	.851	.869	.892	.915	.924	.921	.897	.869	.836	.820	.814	.815	.823	.830	.852	.869	.867	.879	.883	.889	.862
„ 23, ...	.883	.871	.872	.877	.891	.917	.951	.978	.980	.981	.969	.945	.919	.907	.901	.903	.907	.924	.935	.949	.956	.958	.960	.951	.929
„ 24, ...	.942	.937	.933	.927	.935	.952	.978	.989	.997	.996	.975	.954	.935	.918	.920	.925	.932	.941	.966	.981	.989	.986	.982	.977	.957
„ 25, ...	.968	.961	.960	.962	.972	30.000	30.011	30.030	30.042	30.044	30.030	30.011	.981	.964	.959	.966	.975	.987	30.000	30.029	30.035	30.039	30.037	30.026	30.000
„ 26, ...	30.026	30.023	30.022	30.024	30.025	.044	.061	.076	.085	.081	.058	.032	30.011	.993	.984	.982	.983	.994	.012	.037	.046	.047	.047	.042	.031
„ 27, ...	.026	.015	.003	.001	.004	.021	.033	.046	.056	.049	.030	29.996	29.965	.945	.932	.930	.943	.951	29.973	29.999	.007	.018	.022	.012	29.999
„ 28, ...	.006	29.994	29.992	29.991	29.999	.019	.038	.053	.063	.058	.044	30.029	30.003	.990	.975	.971	.975	.985	.999	30.030	.037	.040	.040	.031	30.015
„ 29, ...	.032	30.010	30.003	30.003	30.011	.025	.044	.061	.075	.082	.065	.035	.009	.983	.965	.968	.979	.992	30.008	.038	.041	.042	.044	.032	.023
„ 30, ...	.025	.004	29.987	29.987	29.985	29.993	.011	.019	.041	.041	.015	29.995	29.974	.958	.953	.961	.967	.968	29.976	29.993	29.998	.012	.014	.004	29.995
„ 31, ...	29.994	29.990	.965	.963	.972	.990	.007	.022	.033	.026	29.999	.964	.953	.931	.923	.931	.940	.949	.966	.988	.993	29.997	.003	.003	.979
Hourly Means, ...	29.890	29.881	29.873	29.871	29.878	29.894	29.911	29.928	29.939	29.938	29.923	29.902	29.878	29.858	29.849	29.850	29.857	29.866	29.881	29.902	29.911	29.914	29.912	29.905	29.892

TABLE II.

TEMPERATURE FOR THE MONTH OF OCTOBER 1887.

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,	76.0	76.5	76.2	75.9	75.7	73.8	74.6	76.0	78.0	79.7	80.2	79.2	80.6	81.5	80.4	80.0	79.8	79.5	79.2	78.5	77.4	77.5	77.0	76.1	77.9	81.6	73.0
„ 2,	76.1	75.1	75.3	75.3	74.4	74.1	76.2	77.6	78.4	79.7	80.2	80.1	80.7	80.4	79.9	80.1	79.8	79.0	78.6	78.3	78.1	78.0	77.8	77.9	78.0	80.7	73.7
„ 3,	77.9	78.1	77.9	78.0	77.8	77.0	77.9	79.5	80.0	81.3	82.1	82.7	82.9	81.8	81.0	80.1	79.6	79.2	79.0	79.2	79.2	78.7	78.1	79.0	79.5	82.9	76.9
„ 4,	78.7	76.8	76.2	75.9	76.7	75.3	76.9	79.3	80.8	81.8	83.5	83.8	83.9	84.2	83.8	82.7	82.2	80.2	80.1	79.3	78.6	78.4	77.6	78.1	79.8	84.2	75.3
„ 5,	78.0	75.7	75.7	76.8	76.6	76.0	76.1	77.8	79.3	80.8	81.6	82.9	83.4	83.9	83.9	82.7	82.2	79.9	79.4	78.4	77.2	78.5	78.3	77.4	79.3	84.8	75.2
„ 6,	77.0	76.5	76.0	75.3	74.6	74.1	74.7	76.3	77.2	79.0	79.6	80.5	81.8	82.7	82.9	82.3	81.1	79.0	77.3	78.3	78.0	77.7	77.3	76.8	78.2	82.9	74.1
„ 7,	76.7	76.4	75.7	75.0	73.8	73.0	74.0	76.1	78.4	79.7	80.9	82.7	83.7	82.6	81.9	82.1	80.1	78.9	76.7	76.0	74.6	74.4	74.6	74.0	77.6	83.7	73.0
„ 8,	74.4	74.0	74.2	73.1	72.3	73.7	74.1	77.0	77.8	78.5	79.2	79.0	79.6	79.1	79.8	80.0	79.3	77.6	77.2	77.0	77.0	76.8	76.9	77.4	76.9	80.0	72.2
„ 9,	76.4	76.4	76.3	74.9	75.0	74.8	74.9	76.2	77.8	78.8	78.2	78.2	78.1	78.4	78.5	77.0	76.6	76.0	74.5	74.5	73.9	73.7	73.5	73.8	76.1	78.8	73.4
„ 10,	75.1	73.7	73.8	73.8	73.9	73.9	74.6	76.5	78.2	79.5	80.2	79.8	79.0	79.5	79.1	78.3	77.1	76.0	74.7	74.4	73.9	73.6	73.1	73.0	76.0	80.2	73.0
„ 11,	73.0	72.8	72.8	72.3	72.9	72.9	74.1	76.4	78.2	79.0	81.7	80.2	80.7	80.4	80.1	80.7	78.9	76.6	75.9	75.6	75.3	74.9	74.7	74.9	76.5	81.7	72.1
„ 12,	74.9	73.9	75.2	74.2	74.1	73.7	75.0	77.3	79.6	81.0	82.8	82.6	83.8	83.0	81.8	80.1	79.4	77.8	77.4	77.3	77.2	77.0	76.5	76.8	78.0	83.8	73.6
„ 13,	77.1	77.2	76.8	76.6	77.1	77.1	78.0	78.5	79.0	79.9	80.3	80.0	79.8	80.1	79.5	79.2	77.9	76.7	76.4	76.4	76.5	76.6	76.4	76.4	77.9	80.3	76.4
„ 14,	76.4	76.7	77.0	76.9	76.5	76.6	77.1	78.3	79.1	80.5	80.8	81.6	81.5	80.3	80.2	79.4	78.5	77.1	76.8	76.4	76.3	75.2	75.0	74.5	77.9	81.6	74.2
„ 15,	74.1	74.6	74.7	74.2	74.2	75.5	76.7	78.1	79.5	80.8	80.6	80.8	80.7	80.1	79.5	78.6	77.9	77.3	76.9	76.0	75.6	75.4	75.1	74.3	77.1	81.0	73.8
„ 16,	73.8	73.4	74.0	74.4	74.3	75.6	76.2	77.7	78.1	79.2	80.4	80.5	81.4	80.6	79.6	78.0	77.6	77.2	77.0	77.0	77.1	77.0	76.9	76.6	77.2	81.4	73.2
„ 17,	76.5	76.4	76.1	75.9	76.1	77.3	77.8	77.9	79.0	79.6	80.7	79.0	80.5	79.3	79.3	77.9	77.6	77.8	77.4	77.4	76.3	75.9	75.5	74.9	77.6	80.7	74.7
„ 18,	75.4	75.3	75.6	74.8	75.1	75.5	75.9	71.8	72.8	73.7	75.1	75.1	77.0	77.3	77.7	75.7	75.4	75.3	74.7	74.6	74.8	73.7	72.3	73.9	74.9	78.5	71.8
„ 19,	73.6	74.1	74.2	72.5	72.0	72.4	72.7	73.5	74.8	74.7	75.5	73.7	75.0	74.1	74.9	73.8	74.0	73.1	73.1	73.7	73.2	73.8	74.3	73.7	73.8	76.0	72.0
„ 20,	73.6	74.2	73.1	73.5	73.7	74.6	74.1	74.9	75.7	76.2	76.2	75.8	75.9	76.7	77.4	76.8	76.5	76.1	75.9	75.5	75.6	75.6	74.3	74.3	75.3	77.5	72.6
„ 21,	73.7	73.1	73.4	73.0	73.3	72.5	73.8	75.8	77.4	79.3	81.2	81.0	82.3	82.7	82.0	81.9	80.7	79.5	79.2	79.2	78.8	78.9	78.2	77.6	77.9	82.7	72.4
„ 22,	77.2	76.9	76.1	75.0	75.5	74.8	74.9	76.2	77.5	78.3	79.8	81.0	81.9	82.1	81.2	80.1	78.9	78.1	77.0	76.7	75.5	73.8	72.8	72.7	77.2	82.3	72.5
„ 23,	72.5	71.6	71.5	71.6	71.4	71.3	70.4	72.8	74.6	75.4	76.5	76.6	76.6	76.1	75.5	75.0	74.6	73.9	74.0	74.2	73.9	73.6	73.3	73.1	73.8	76.6	70.3
„ 24,	73.0	72.8	71.8	71.7	71.7	70.5	71.1	72.7	73.4	74.6	75.1	75.4	74.8	74.9	74.8	74.6	74.5	72.7	72.6	72.1	70.9	71.7	71.0	71.3	72.9	75.4	70.5
„ 25,	71.7	71.3	72.4	71.4	71.2	70.9	71.4	73.0	75.0	75.3	76.3	76.6	77.1	77.3	76.5	76.8	76.0	74.8	74.8	74.6	74.6	74.2	74.1	73.8	74.2	77.7	70.6
„ 26,	73.8	73.4	72.3	72.3	72.0	71.8	71.0	72.7	74.2	74.8	75.9	76.6	75.8	75.7	75.6	75.4	74.5	73.8	73.3	72.9	72.8	72.9	72.4	72.2	73.7	76.6	70.9
„ 27,	72.2	71.8	71.7	71.3	70.6	70.1	69.8	71.4	72.9	74.3	74.7	76.5	75.8	75.8	73.8	73.0	72.0	71.8	71.8	71.9	72.1	72.2	72.4	72.1	72.6	76.5	68.9
„ 28,	72.2	72.3	72.4	72.2	71.4	71.7	71.5	72.6	73.4	73.3	74.3	74.1	73.5	73.6	72.8	72.3	72.4	72.6	71.8	72.6	72.7	73.0	72.8	72.7	72.7	74.3	70.8
„ 29,	72.6	73.0	72.2	71.5	71.6	71.0	70.6	71.6	73.3	73.6	73.3	73.9	73.7	72.9	72.8	72.7	72.7	72.7	72.6	72.6	72.8	72.5	72.4	72.2	72.5	74.3	70.5
„ 30,	72.1	71.5	71.2	70.8	70.5	70.7	70.7	71.8	72.5	73.4	73.8	73.7	74.0	*74.0	74.0	73.5	72.2	71.8	71.8	71.8	71.2	70.8	69.8	69.2	71.9	74.0	69.2
„ 31,	69.3	69.8	71.3	69.4	70.6	70.6	69.7	70.6	72.8	73.9	75.1	76.1	74.8	74.4	74.2	73.8	72.1	71.4	71.0	69.6	68.8	67.0	66.0	64.6	71.1	76.1	64.6
Hourly Means,	74.7	74.4	74.3	73.9	73.8	73.6	74.1	75.4	76.7	77.7	78.6	78.7	79.0	78.9	78.5	77.9	77.2	76.2	75.7	75.5	75.2	74.9	74.5	74.4	76.0	79.6	72.4

* Interpolated.

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF OCTOBER, 1887.

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.	Sun.	Rad.
Oct. 1,	73.2	71.0	69.5	69.0	69.3	68.5	68.4	69.5	70.2	70.4	70.8	70.9	71.1	72.3	72.2	72.5	71.7	71.6	71.6	70.6	70.6	70.6	70.7	69.3	70.6	148.1	69.9
„ 2,	69.8	69.6	69.1	68.5	68.3	68.8	69.5	70.4	70.8	71.2	70.9	70.8	70.7	70.4	70.1	70.5	70.1	68.9	69.5	71.2	71.9	72.5	72.3	71.1	70.3	141.2	74.3
„ 3,	70.8	70.8	69.8	70.2	70.0	69.2	69.6	68.5	68.7	69.8	70.1	69.8	71.4	71.3	70.6	71.3	71.0	70.8	71.5	71.1	71.5	70.9	71.0	72.2	70.5	140.5	72.7
„ 4,	72.6	71.4	72.0	71.4	69.9	68.3	68.6	69.6	70.1	71.2	71.7	71.5	72.1	72.4	72.7	72.7	72.5	72.5	72.6	72.8	73.3	73.2	73.2	73.3	71.7	143.0	69.5
„ 5,	73.4	71.9	69.3	65.8	64.6	*64.4	64.3	65.3	65.7	65.8	66.1	66.3	66.4	65.6	65.8	65.5	65.8	63.8	64.7	65.0	65.7	64.1	63.5	61.9	65.9	139.9	66.8
„ 6,	61.9	60.2	59.3	57.8	58.9	59.0	59.9	59.7	60.7	61.6	61.8	62.2	63.6	65.1	66.0	66.4	65.2	64.0	*63.3	62.7	62.0	62.3	61.4	61.1	61.9	139.6	67.7
„ 7,	60.5	59.7	59.1	58.9	59.2	60.1	60.9	63.2	62.7	63.0	64.3	64.7	67.2	67.6	65.3	65.8	65.0	66.0	66.2	66.1	66.5	67.3	66.6	66.7	63.9	140.1	63.7
„ 8,	67.2	67.2	68.2	68.1	67.4	65.0	65.7	68.2	68.7	69.7	69.9	69.4	68.2	68.5	68.3	65.4	65.3	67.2	67.7	68.3	68.2	68.0	68.0	68.9	67.8	135.7	63.7
„ 9,	67.9	68.0	68.7	68.5	67.8	66.5	65.1	65.6	65.7	66.8	66.6	66.5	66.0	66.5	66.1	64.9	65.7	65.9	66.0	66.5	67.1	67.1	66.7	66.4	66.6	135.3	66.7
„ 10,	67.7	67.4	67.4	67.8	67.0	68.4	67.9	69.5	70.1	70.9	70.0	70.1	70.4	69.9	69.2	68.3	68.1	68.1	67.6	68.0	68.8	68.5	68.5	68.8	68.7	149.3	64.0
„ 11,	68.7	68.6	68.6	68.5	68.9	68.1	69.8	69.2	69.1	70.1	70.5	70.0	70.2	70.9	70.6	70.3	69.7	69.1	69.0	69.4	69.9	70.0	70.4	69.8	69.6	140.7	65.2
„ 12,	69.1	69.4	69.5	69.7	69.8	70.1	71.0	70.4	70.1	70.2	70.9	71.7	72.3	72.7	72.8	70.7	70.5	69.6	69.2	69.1	69.7	69.8	69.2	69.6	70.3	138.9	68.6
„ 13,	69.1	69.5	69.5	68.3	68.2	66.6	67.1	68.9	68.8	68.2	70.0	69.9	70.2	70.3	70.5	71.0	71.0	70.4	70.3	70.4	70.3	70.7	71.0	71.2	69.6	135.6	69.1
„ 14,	71.3	71.5	71.5	70.5	69.8	69.2	70.0	69.4	70.0	71.4	71.2	72.1	72.4	71.0	70.0	70.5	69.8	69.5	68.7	69.5	70.5	70.6	70.4	70.5	70.5	139.7	70.3
„ 15,	70.4	70.5	70.4	70.4	70.4	70.9	71.6	71.4	71.0	71.5	71.5	70.1	69.4	70.5	70.0	70.5	70.4	69.8	69.9	69.6	69.7	70.0	69.6	69.9	70.4	139.6	67.4
„ 16,	69.7	69.8	69.7	69.8	69.9	70.4	71.2	71.8	71.5	71.8	71.8	72.3	72.9	72.5	72.1	71.6	71.5	71.4	71.4	71.5	72.3	71.7	71.7	71.4	71.3	144.8	67.0
„ 17,	70.7	71.5	70.7	70.6	71.1	71.4	71.7	71.5	72.3	72.7	72.4	71.8	72.6	73.0	72.7	73.0	72.6	71.4	71.2	70.9	71.3	71.1	71.2	71.5	71.7	139.8	72.2
„ 18,	71.3	71.6	71.7	71.5	72.2	72.5	73.1	70.5	71.2	72.1	72.7	72.9	74.4	74.2	73.7	74.0	72.1	72.1	72.6	72.6	72.5	71.2	70.0	71.3	72.2	140.3	70.6
„ 19,	71.3	71.3	71.7	70.6	70.6	70.9	70.8	70.8	71.2	71.2	71.2	70.9	71.9	71.0	71.2	70.5	69.7	70.3	70.4	70.1	70.3	70.1	70.2	69.7	70.7	108.5	70.3
„ 20,	69.8	69.7	69.4	68.7	68.9	69.0	68.9	69.1	69.1	69.3	69.8	69.5	69.6	70.0	69.5	69.5	69.7	70.3	70.4	70.2	69.6	70.1	68.6	69.1	69.5	121.0	69.5
„ 21,	69.4	69.0	69.3	69.0	69.3	69.3	69.7	69.8	68.0	67.3	68.1	67.5	67.2	67.0	66.6	66.8	66.5	66.1	65.9	65.6	65.3	64.5	63.7	62.9	67.2	138.3	68.8
„ 22,	62.4	62.0	61.5	61.4	60.3	60.0	60.6	61.8	61.9	63.1	63.7	63.0	63.5	64.4	64.3	63.9	63.9	62.6	63.3	62.6	61.1	60.2	58.9	58.3	62.0	137.1	65.5
„ 23,	57.9	56.6	55.9	55.6	55.1	54.6	57.4	58.2	60.0	60.9	61.6	61.9	62.0	62.4	63.4	64.2	63.5	64.1	64.9	64.1	65.6	65.3	65.1	65.0	61.1	132.3	63.3
„ 24,	65.6	65.2	65.4	65.1	64.6	64.5	64.1	65.3	65.2	64.1	63.1	63.7	62.8	62.7	62.6	61.8	60.5	61.1	62.7	62.6	63.1	64.2	64.3	64.8	63.7	131.7	64.0
„ 25,	64.9	65.1	65.2	65.4	64.3	64.5	65.4	65.5	66.1	65.1	65.2	64.5	64.2	64.7	64.7	64.4	64.1	64.5	64.0	65.0	65.6	65.9	65.9	66.0	65.0	132.6	66.2
„ 26,	65.7	65.6	64.6	64.0	61.9	60.4	60.8	61.0	62.6	62.4	62.8	63.7	63.5	64.1	64.5	64.6	64.7	64.6	64.8	65.0	65.3	65.7	65.8	65.8	63.9	132.8	70.6
„ 27,	65.2	65.3	65.2	64.5	64.6	63.4	63.8	64.0	64.2	64.2	64.1	64.9	64.7	65.0	65.1	65.6	64.5	64.0	64.5	65.0	64.8	64.7	64.8	64.7	64.6	133.6	62.7
„ 28,	64.5	65.7	65.7	65.1	64.4	64.1	63.2	60.3	60.5	62.1	64.4	63.2	62.9	62.9	62.8	63.1	63.8	65.0	65.2	65.2	65.9	65.8	65.9	65.2	64.0	131.3	66.3
„ 29,	65.5	66.5	65.8	65.3	65.2	64.3	64.5	64.4	63.7	63.9	62.7	63.9	64.5	63.8	63.8	64.2	64.4	65.4	64.8	65.5	65.8	66.2	*66.1	*65.9	64.8	130.2	67.7
„ 30,	*65.8	*65.4	*65.2	*64.9	*64.7	*64.8	64.8	65.1	63.8	62.9	63.2	63.4	64.0	64.5	65.0	64.8	64.5	64.1	64.7	64.9	65.0	65.5	65.6	65.0	64.7	134.2	66.5
„ 31,	65.0	63.9	63.7	62.7	58.2	58.6	59.0	60.0	61.5	62.3	63.5	62.7	61.7	62.0	61.9	62.1	61.8	61.4	61.0	60.4	59.0	57.7	57.4	57.2	61.0	136.2	61.7
Hourly Means,	67.7	67.4	67.2	66.7	66.3	66.0	66.4	66.7	66.9	67.3	67.6	67.6	67.9	68.0	67.9	67.8	67.4	67.3	67.4	67.5	67.7	67.6	67.3	67.2	67.3	136.5	67.5

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF OCTOBER, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	68	0.589	Oct. 1,.....	69	0.652
2 „	68	.582	„ 2,.....	66	.639
3 „	68	.576	„ 3,.....	61	.626
4 „	67	.564	„ 4,.....	66	.670
5 „	65	.551	„ 5,.....	46	.458
6 „	65	.543	„ 6,.....	35	.338
7 „	64	.550	„ 7,.....	44	.412
8 „	61	.544	„ 8,.....	61	.560
9 „	58	.534	„ 9,.....	59	.527
10 „	55	.534	„ 10,.....	68	.605
11 „	54	.534	„ 11,.....	69	.632
Noon.	54	.532	„ 12,.....	66	.639
1 p	54	.539	„ 13,.....	64	.613
2 „	54	.544	„ 14,.....	67	.648
3 „	56	.546	„ 15,.....	70	.655
4 „	58	.550	„ 16,.....	73	.688
5 „	58	.545	„ 17,.....	74	.699
6 „	60	.554	„ 18,.....	87	.756
7 „	63	.565	„ 19,.....	86	.711
8 „	64	.572	„ 20,.....	74	.644
9 „	66	.583	„ 21,.....	55	.524
10 „	67	.583	„ 22,.....	38	.354
11 „	67	.577	„ 23,.....	44	.371
Midt.	67	.575	„ 24,.....	58	.468
			„ 25,.....	58	.496
			„ 26,.....	56	.465
			„ 27,.....	63	.504
			„ 28,.....	59	.481
			„ 29,.....	64	.511
			„ 30,.....	66	.516
			„ 31,.....	53	.404
Mean, ...	62	0.557	Mean,.....	62	0.557

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.
1887.														
Oct. 1,	...	0.8	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.1	...	...	...	7.6
„ 2,	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	9.4
„ 3,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 4,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.7
„ 5,	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.7
„ 6,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.8
„ 7,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 8,	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.4
„ 9,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 10,	...	0.5	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.8	...	10.1
„ 11,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.7	1.0	0.8	...	9.5
„ 12,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	...	9.7
„ 13,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.1	...	9.7
„ 14,	...	0.3	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.7	0.3	...	9.2
„ 15,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.1
„ 16,	...	0.5	1.0	0.6	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.8	...	9.7
„ 17,	...	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4	...	9.4
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	0.2	...	...	0.2	...	...	...	...	...	0.4
„ 21,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 22,	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.9
„ 23,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 24,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 25,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.5
„ 26,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.6
„ 27,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 28,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.4
„ 29,	...	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.7
„ 30,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.4	1.0	0.4	...	...	8.3
„ 31,	...	0.3	0.7	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.7	...	9.4
Sums,.....	...	17.2	26.3	27.6	28.2	28.0	27.1	28.1	26.7	26.5	25.4	20.0	...	281.1
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF OCTOBER, 1887.

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.
Oct. 1,	0·165	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·165
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	0·010
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	0·070	0·930	0·320	0·160	0·125	...	...	...	...	0·055	...	...	...	...	...	...	...	...	1·660
„ 19,	...	...	...	0·030	...	...	...	0·015	0·010	...	...	0·005	0·065	0·005	...	...	...	0·005	0·020	...	...	...	...	...	0·155
„ 20,	...	...	...	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0·165	0·020	...	0·050	...	...	0·070	0·945	0.330	0·160	0·125	0·005	0·065	0·005	...	0·055	...	0·005	0·020	...	...	...	...	0·010	2·030

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF OCTOBER, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
Oct. 1,	1	10	1	15	1	19	1	15	1	11	32	15	32	15	32	6	5	14	7	19	7	21	7	19	7	14	8	16	7	14	8	12	7	11	4	9	5	8	2	13	32	13	2	9	2	11	1	11	320	13.3
„ 2,	1	8	1	5	1	11	1	14	1	11	1	6	3	10	4	14	6	15	7	18	7	19	8	20	8	16	10	18	9	14	9	14	9	14	8	13	7	10	7	10	6	9	6	8	6	7	7	16	300	12.5
„ 3,	6	18	3	12	3	14	4	13	4	15	5	15	5	13	4	17	5	18	5	21	4	17	5	15	8	18	8	18	9	21	9	23	8	18	7	15	7	17	7	13	7	9	6	6	6	4	6	9	359	15.0
„ 4,	7	13	2	14	3	8	1	9	1	11	1	12	1	13	2	7	5	14	4	14	5	14	6	10	8	10	10	8	9	8	9	8	9	3	4	5	11	8	10	8	9	11	9	7	9	4	6	6	225	9.4
„ 5,	6	4	1	7	32	10	1	15	1	16	1	18	1	20	1	21	1	22	1	20	1	16	1	16	30	10	30	8	31	11	31	12	31	10	30	3	30	2	28	4	30	3	32	10	32	10	32	15	283	11.8
„ 6,	32	15	32	27	32	25	32	31	32	30	1	32	1	30	32	35	1	29	32	30	32	25	32	21	1	18	2	16	1	13	31	9	30	5	1	5	2	3	2	9	1	15	2	21	2	22	2	24	490	20.4
„ 7,	2	25	1	25	1	30	1	24	32	8	8	2	22	3	32	6	1	15	32	14	32	11	31	5	17	3	22	6	10	7	11	6	7	3	14	4	14	3	...	1	...	1	...	1	13	2	..	1	206	8.6
„ 8,	...	0	...	1	13	2	...	1	...	1	1	7	1	9	3	12	5	15	6	17	8	19	8	19	8	19	7	20	8	18	8	17	8	18	8	15	8	12	7	12	8	14	7	13	6	12	5	10	283	11.8
„ 9,	7	15	6	14	5	13	5	11	5	15	5	15	2	14	4	14	7	15	8	24	8	21	8	24	8	23	9	18	9	22	10	23	9	17	11	11	12	8	12	7	12	6	13	4	13	3	12	4	341	14.2
„ 10,	13	7	...	1	...	0	...	0	31	2	...	1	...	0	6	5	4	8	6	9	10	12	10	12	10	14	9	18	9	18	10	16	11	12	11	9	12	5	14	4	...	0	...	1	...	0	...	0	154	6.4
„ 11,	...	0	...	0	...	0	...	1	...	0	...	0	...	1	1	3	...	1	26	4	24	4	25	8	24	6	16	3	16	7	18	5	18	7	16	5	16	5	16	5	16	5	16	3	...	1	16	3	77	3.2
„ 12,	16	2	...	1	16	2	16	3	16	3	...	1	...	1	5	3	10	5	11	6	12	6	20	5	24	7	10	9	10	13	9	15	11	15	9	13	7	12	8	9	7	6	6	7	6	7	7	9	160	6.7
„ 13,	6	7	5	7	5	7	4	6	4	8	5	11	6	14	7	18	7	19	8	21	10	19	10	21	9	21	10	21	9	23	8	21	9	21	7	14	7	15	7	12	7	11	6	10	6	9	6	9	345	14.4
„ 14,	8	15	8	16	7	16	6	16	7	13	7	11	6	11	7	12	9	12	10	11	10	10	10	10	9	9	8	12	8	12	9	13	11	11	11	7	12	8	11	8	11	7	11	4	...	0	...	1	245	10.2
„ 15,	10	4	9	8	7	6	7	6	9	5	5	5	4	10	4	10	4	10	8	11	10	13	10	17	10	19	10	19	9	19	10	16	10	14	11	10	12	8	13	5	13	4	13	5	...	1	...	1	226	9.4
„ 16,	13	2	13	2	7	5	6	8	6	7	5	10	4	14	5	12	7	16	7	19	8	15	8	19	10	23	9	23	9	23	9	24	8	24	9	18	8	20	9	21	9	21	9	21	9	20	8	19	386	16.1
„ 17,	8	21	9	21	7	16	8	16	8	18	10	19	10	19	9	20	8	21	9	22	9	20	8	21	8	21	8	19	8	21	9	22	9	15	11	11	13	9	11	10	13	5	13	5	13	4	11	5	381	15.9
„ 18,	11	4	11	4	12	5	13	6	7	4	12	6	8	9	13	11	31	2	12	5	5	7	8	5	4	2	30	3	24	3	22	5	24	5	24	3	5	3	6	5	9	6	3	6	4	3	9	7	119	5.0
„ 19,	9	6	5	7	9	7	4	4	2	4	2	2	2	4	2	5	1	4	3	7	3	9	4	6	1	7	...	1	30	3	32	4	5	8	32	5	2	3	5	12	7	14	5	15	5	19	5	21	177	7.4
„ 20,	5	19	4	24	6	23	6	27	6	28	6	28	7	34	6	32	6	28	6	29	6	20	6	21	6	21	7	21	7	17	7	17	7	13	7	14	7	16	6	13	4	7	4	9	3	6	2	9	476	19.8
„ 21,	2	6	2	6	2	5	2	4	3	4	1	6	1	4	32	5	32	9	1	18	32	13	32	14	32	13	1	15	32	14	32	15	1	12	31	10	30	9	1	8	1	11	32	14	1	19	32	13	253	10.5
„ 22,	32	23	32	21	32	21	32	14	32	28	1	30	32	25	1	20	1	25	1	26	2	21	2	21	1	26	2	19	1	17	1	13	1	16	1	17	1	16	1	23	1	31	1	31	1	28	1	19	531	22.1
„ 23,	1	18	1	24	1	24	1	19	1	21	1	14	2	2	1	4	4	4	6	14	5	13	6	18	7	20	7	20	7	19	7	17	7	15	7	11	5	9	4	9	4	11	7	15	6	13	7	19	353	14.7
„ 24,	6	17	3	14	4	13	4	15	4	17	4	15	3	14	4	19	4	17	6	19	8	18	8	20	9	22	9	21	10	23	8	19	7	16	7	13	6	9	5	6	5	5	6	8	4	6	6	8	354	14.7
„ 25	5	8	5	9	4	10	4	16	4	13	3	10	4	15	4	15	5	15	5	18	5	16	6	15	7	15	9	21	8	17	8	14	7	16	7	13	6	11	6	11	7	17	7	21	7	21	7	22	359	15.0
„ 26,	6	22	5	20	6	18	5	18	5	19	5	16	4	10	4	15	5	14	7	23	7	21	8	20	9	17	9	17	10	16	10	18	8	16	7	11	6	10	7	8	7	11	7	17	7	18	7	19	394	16.4
„ 27,	6	19	6	12	4	14	4	11	4	13	3	9	4	11	5	13	6	10	9	10	10	7	13	8	10	9	10	15	10	20	8	22	10	20	7	14	7	13	7	14	7	17	7	18	7	16	8	15	330	13.8
„ 28,	7	16	6	17	6	18	5	18	6	17	5	15	5	15	6	17	7	23	7	23	8	21	9	21	9	21	10	23	10	23	9	22	8	21	7	17	7	18	7	18	8	22	7	23	7	23	7	22	474	19.7
„ 29,	7	22	6	22	6	26	6	22	5	23	5	24	6	20	5	17	6	21	7	24	8	22	8	23	9	20	9	22	8	21	9	18	7	16	8	18	7	18	7	21	7	22	7	23	7	24	7	26	515	21.5
„ 30,	6	22	6	25	6	22	6	21	6	22	5	23	5	21	7	24	7	23	7	20	8	20	9	23	9	21	9	19	9	21	11	10	10	8	9	11	8	10	7	8	7	9	10	7	10	5	9	2	397	16.5
„ 31,	...	1	9	2	5	6	2	6	1	13	2	12	32	4	1	8	32	8	31	7	24	8	32	16	32	11	1	11	32	14	32	11	31	10	32	10	2	9	1	8	2	14	2	17	2	9	1	9	224	9.3
Sums,	...	369	...	383	...	396	...	390	...	400	...	390	...	385	...	420	...	452	...	523	...	478	...	493	...	476	...	480	...	492	...	461	...	410	...	334	...	307	...	315	...	337	...	359	...	327	...	360	9737	405.7
Hourly Means,	...	11.9	...	12.4	...	12.8	...	12.6	...	12.9	...	12.6	...	12.4	...	13.5	...	14.6	...	16.9	...	15.4	...	15.9	...	15.4	...	15.5	...	15.9	...	14.9	...	13.2	...	10.8	...	9.9	...	10.2	...	10.9	...	11.6	...	10.5	...	11.6	314.1	13.1

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR OCTOBER, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.1	7.8	0.4	0.0	+4.6	+ 7.8	E 30° N
2 „	7.7	6.5	0.1	0.0	7.5	6.5	E 49° N
3 „	7.8	6.7	0.2	0.0	7.5	6.7	E 48° N
4 „	8.4	6.1	0.2	0.0	8.2	6.1	E 53° N
5 „	8.7	6.2	0.1	0.0	8.6	6.2	E 54° N
6 „	9.0	5.8	0.4	0.0	8.6	5.8	E 56° N
7 „	7.9	6.4	0.3	0.1	7.7	6.3	E 51° N
8 „	8.1	7.9	0.3	0.0	7.8	7.9	E 45° N
9 „	7.4	9.2	0.1	0.0	7.4	9.2	E 39° N
10 „	6.1	11.9	0.4	0.1	5.7	11.8	E 26° N
11 „	4.6	11.3	0.8	0.4	3.8	10.9	E 19° N
Noon.	4.1	11.8	1.0	0.4	3.1	11.5	E 15° N
1 p.	3.0	11.7	0.8	0.5	2.1	11.1	E 11° N
2 „	2.1	12.7	1.5	0.3	0.6	12.4	E 3° N
3 „	2.3	12.7	1.4	0.1	0.9	12.6	E 4° N
4 „	2.1	12.0	1.4	0.2	0.7	11.8	E 3° N
5 „	1.9	10.5	1.5	0.3	0.4	10.2	E 2° N
6 „	1.9	8.2	1.4	0.1	0.5	8.1	E 4° N
7 „	2.0	7.7	1.3	0.1	0.7	7.6	E 5° N
8 „	2.9	7.3	1.0	0.1	1.9	7.2	E 15° N
9 „	3.4	7.5	0.6	0.0	2.7	7.5	E 20° N
10 „	4.2	8.0	0.6	0.0	3.6	8.0	E 24° N
11 „	4.4	7.1	0.3	0.0	4.1	7.1	E 30° N
Midt.	4.3	7.8	0.3	0.0	+4.0	+ 7.8	E 27° N
Mean,.....	5.0	8.8	0.7	0.1	+4.3	+ 8.7	E 26° N

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Oct. 1,.....	...	...	2	E	4	2	E	3	3	NE	3	1
„ 2,.....	...	...	2	NE	4	3	E	3	3	ENE	4	2
„ 3,.....	...	...	3	NE	4	3	E	4	2	E	4	2
„ 4,.....	...	...	2	ENE	4	3	E	3	1	NE	4	1
„ 5,.....	...	...	2	NE	4	2	E	3	2	NE	4	1
„ 6,.....	...	...	2	N	5	3	NE	4	1	NE	4	1
„ 7,.....	...	...	2	ENE	4	2	ENE	2	1	ENE	3	1
„ 8,.....	...	...	1	E	4	2	E	4	2	E	4	2
„ 9,.....	...	...	2	E	4	3	E	4	2	E	3	1
„ 10,.....	...	...	1	E	3	2	E	2	1	ESE	3	0
„ 11,.....	...	...	0	SE	3	0	ESE	2	0	ESE	3	0
„ 12,.....	...	...	0	E	3	0	ESE	4	1	S	3	1
„ 13,.....	...	...	2	E	4	3	E	4	1	E	3	2
„ 14,.....	...	...	1	E	2	2	E	2	1	E	3	0
„ 15,.....	...	...	0	E	4	2	E	3	1	E	4	0
„ 16,.....	...	...	2	E	5	2	E	4	2	SE	4	2
„ 17,.....	...	...	0	E	4	2	ESE	3	2	SE	5	2
„ 18,.....	...	...	0	SE	4	0	W	3	0	SE	4	0
„ 19,.....	...	...	1	NE	4	1	NE	3	1	NE	4	2
„ 20,.....	...	...	4	E	5	4	E	5	3	E	4	3
„ 21,.....	...	...	2	NE	4	2	N	5	1	N	5	1
„ 22,.....	...	...	2	NE	5	3	ENE	4	2	ENE	5	3
„ 23,.....	...	...	2	E	4	3	E	5	2	E	4	3
„ 24,.....	...	...	3	E	5	3	E	4	2	E	4	2
„ 25,.....	...	...	3	E	4	3	E	5	3	E	4	4
„ 26,.....	...	...	3	E	5	3	E	4	3	E	4	4
„ 27,.....	...	...	2	E	4	2	E	4	2	E	5	2
„ 28,.....	...	...	3	E	5	4	E	4	3	E	5	3
„ 29,.....	...	...	3	E	5	4	E	4	3	E	5	3
„ 30,.....	...	...	3	E	4	3	NE	3	2	NE	3	1
„ 31,.....	...	...	2	NNE	5	2	NNE	4	1	NE	4	2
Mean,.....	...	...	1.8	E 13° N	4.1	2.4	E 9° N	3.6	1.7	E 7° N	3.9	1.7

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
1,.....	28.096	28.060	28.093	73.9	74.2	72.7	133.1	76.5	70.7	69.6
2,.....	.090	.032	.054	71.7	74.7	72.8	135.0	76.3	70.0	70.3
3,.....	.077	.004	.029	72.7	75.8	72.7	132.3	75.9	69.5	68.6
4,.....	.068	.018	.001	73.9	76.8	73.2	134.7	78.3	71.0	65.0
5,.....	.024	27.950	27.970	72.2	74.6	72.0	131.9	76.3	69.9	62.4
6,.....	.002	.976	28.020	69.7	73.9	71.5	130.4	75.3	68.3	62.1
7,.....	.120	28.107	.158	70.9	74.5	70.4	131.6	75.9	68.5	60.8
8,.....	.236	.204	.230	72.2	73.5	69.8	136.3	74.3	69.3	62.4
9,.....	.247	.194	.177	71.8	73.2	69.2	132.3	74.6	67.2	65.4
10,.....	.191	.130	.138	72.8	73.9	72.7	140.5	75.1	68.7	65.1
11,.....	.192	.128	.147	72.1	71.0	69.8	137.2	74.3	69.3	67.6
12,.....	.224	.190	.169	72.7	72.8	70.6	135.4	74.9	69.2	† 67.0
13,.....	.271	.212	.214	72.8	75.0	71.0	132.3	75.9	69.2	† 67.0
14,.....	.254	.189	.173	72.7	73.0	70.8	136.5	75.1	69.5	† 67.0
15,.....	.230	.161	.173	74.4	76.1	71.7	135.2	76.9	68.7	66.4
16,.....	224	.150	.133	71.8	75.0	70.8	140.7	75.6	68.0	65.8
17,.....	.178	.124	.129	71.1	71.0	70.0	139.9	75.3	70.0	66.4
18,.....	.143	.073	.116	69.2	70.9	69.7	104.1	73.6	68.3	64.8
19,.....	.177	.144	.148	71.2	68.8	68.0	94.3	72.3	67.7	64.0
20,.....	.193	.181	.153	67.4	69.1	67.5	122.6	71.5	67.3	65.4
21,.....	.195	.102	.154	70.4	73.1	68.4	131.0	73.9	67.4	63.1
22,.....	.236	.113	.145	68.0	72.7	68.0	131.0	73.6	65.3	57.4
23,.....	.218	.181	.209	68.2	70.5	66.4	127.1	71.5	65.2	58.6
24,.....	.244	.183	.213	68.4	67.7	66.7	128.9	72.2	64.3	61.4
25,.....	.283	.235	.271	68.0	70.7	66.5	130.2	71.5	66.0	58.7
26,.....	.318	.262	.283	67.7	70.7	66.5	127.1	71.5	64.0	58.4
27,.....	.297	.222	.241	67.7	70.0	65.4	125.7	71.3	64.9	59.8
28,.....	.293	.234	.279	67.5	68.8	64.7	127.3	70.5	64.7	59.1
29,.....	.310	.238	.264	66.2	68.5	65.1	125.1	69.1	64.3	60.4
30,.....	.261	.227	.253	66.5	68.7	65.5	130.2	70.3	63.2	59.6
31,.....	.277	.193	.190	66.7	69.0	64.7	133.1	69.9	61.4	60.8
Mean,.....	28.199	28.142	28.159	70.4	72.2	69.2	130.1	73.8	67.5	63.6

† Approximate.

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Oct. 1,.....	60	68	70	81	88	90	0.620	0.698	0.658	0.679	0.747	0.724
" 2,.....	64	60	75	86	82	80	.651	.618	.725	.662	.706	.648
" 3,.....	54	63	67	82	76	80	.575	.650	.652	.660	.681	.646
" 4,.....	58	60	77	80	77	82	.623	.670	.749	.671	.707	.676
" 5,.....	42	36	41	66	57	55	.436	.399	.407	.515	.492	.432
" 6,.....	32	39	37	56	59	53	.318	.436	.357	.414	.497	.407
" 7,.....	35	38	68	63	52	74	.354	.418	.575	.472	.454	.545
" 8,.....	62	42	61	79	60	72	.609	.432	.568	.620	.495	.525
" 9,.....	51	49	70	63	62	69	.498	.454	.577	.490	.510	.487
" 10,.....	64	58	76	71	68	68	.642	.559	.630	.576	.577	.549
" 11,.....	61	57	77	83	89	83	.618	.603	.669	.660	.678	.604
" 12,.....	56	60	68	83	89	82	.595	.626	.633	.675	.718	.614
" 13,.....	52	65	73	84	87	88	.534	.650	.673	.681	.757	.671
" 14,.....	62	61	79	86	90	96	.648	.628	.688	.686	.735	.725
" 15,.....	61	65	75	89	88	92	.648	.639	.662	.764	.795	.714
" 16,.....	68	72	76	94	88	94	.681	.690	.707	.735	.772	.706
" 17,.....	70	78	78	95	97	97	.712	.747	.698	.721	.745	.716
" 18,.....	93	92	88	97	97	96	.767	.818	.732	.693	.743	.702
" 19,.....	84	84	82	97	95	91	.718	.703	.688	.746	.673	.626
" 20,.....	69	68	75	96	95	93	.625	.624	.663	.644	.680	.629
" 21,.....	51	42	41	93	91	73	.509	.456	.416	.685	.745	.503
" 22,.....	39	37	41	67	60	59	.376	.379	.342	.460	.476	.405
" 23,.....	39	53	62	59	69	83	.343	.458	.514	.409	.514	.541
" 24,.....	54	44	64	76	61	56	.459	.383	.501	.529	.412	.370
" 25,.....	55	47	62	81	67	66	.484	.440	.527	.558	.501	.433
" 26,.....	45	53	66	71	69	76	.399	.466	.538	.473	.525	.495
" 27,.....	55	65	65	78	74	81	.467	.533	.512	.535	.543	.508
" 28,.....	50	57	66	72	69	80	.410	.456	.540	.482	.488	.492
" 29,.....	56	60	70	74	76	84	.466	.488	.561	.483	.531	.519
" 30,.....	53	59	74	87	75	81	.435	.498	.559	.566	.259	.513
" 31,.....	49	48	54	70	66	74	.409	.403	.355	.461	.467	.449
Mean, ...	56	57	67	79	77	79	0.536	0.549	0.583	0.594	0.609	0.567

TABLE XII.

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.	Direct
1887.												
Oct. 1, ...	10	c-str. / cum.	ENE	8	c-str. / cum.	ENE	1	c-str. / cum.	E / N	2	c-str. / cum.	WNW / ENE
„ 2, ...	10	R-cum.	NE	8	cum.	NE	10	R-cum. / cum.	N / NE	7	R-cum.	NNE
„ 3, ...	1	cum.	ENE	7	cum.	ENE	0	...	...	1	cum.	E
„ 4, ...	9	cum.	ENE	10	cum.	NE	2	sm-cum.	SE	0	...	...
„ 5, ...	9	cum.	ENE	2	cum.	NE	0	...	...	1	c-str.	E
„ 6, ...	9	c-str.	SE	4	c-str.	SSE	4	c-str.	S	2	c-str.	SSE
„ 7, ...	0	...	...	0	...	...	1	c-cum.	...	1	c-str.	...
„ 8, ...	1	str.	...	0	...	...	8	cum.	SE	5	sm-cum. / cum.	SE / ENE
„ 9, ...	2	c-str.	...	1	c-str.	...	1	c-str.	...	0	...	...
„ 10, ...	4	cum.	E	1	cum.	E	1	cum.	E	3	cum.	NE
„ 11, ...	0	...	...	0	...	...	0	...	...	2	cum.	NNE
„ 12, ...	0	...	...	0	...	...	0	...	...	1	cum.	ENE
„ 13, ...	0	...	...	0	...	...	0	...	...	1	c-cum.	W
„ 14, ...	1	cum.	NE	4	c-cum. / cum.	NE	1	c-cum. / cum.	WSW / NE	2	cum.	NE
„ 15, ...	0	...	...	0	...	...	2	cum.	NE	4	cum.	NE
„ 16, ...	0	...	...	0	...	...	7	c-str. / cum.	N / E	4	c. / cum.	N / E
„ 17, ...	1	cum.	E	3	cum.	E	3	cum.	ESE	3	cum.	E
„ 18, ...	2	cum.	ESE	4	cum.	ESE	10	c-str. / cum.	SE	10	nim.	SW
„ 19, ...	7	cum.	...	10	cum.	...	10	sm-cum. / cum.	W / NE	10	str. / nim.	W / E
„ 20, ...	10	cum-nim.	ENE	10	cum-nim.	ENE	10	cum-nim.	ENE	9	sm-cum. / cum.	SSW / E
„ 21, ...	3	cum.	...	2	cum.	...	1	cum.	...	1	cum.	NNE
„ 22, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 23, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 24, ...	2	cum.	ENE	1	cum.	NE	1	cum.	NE	1	cum.	NE
„ 25, ...	0	...	...	0	...	...	1	cum.	ENE	3	cum.	ENE
„ 26, ...	6	cum.	ENE	1	cum.	ENE	0	...	...	0	...	...
„ 27, ...	3	cum.	ENE	2	cum.	ENE	1	cum.	ENE	1	cum.	NNE
„ 28, ...	4	cum.	NE	3	cum.	NE	0	...	...	0	...	...
„ 29, ...	7	cum.	E	9	cum.	E	7	cum.	E	0	...	...
„ 30, ...	6	cum.	E	8	cum.	E	2	cum.	ENE	0	...	...
„ 31, ...	9	sm-cum.	W	10	sm-cum.	W	7	sm-cum.	WSW	3	sm-cum.	W
Mean, ...	3.7	...	...	3.5	...	...	2.9	...	...	2.5	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Oct. 1,.....	9	cum.	ENE	10	cum.	NE	10	R-cum.	NE	10	R-cum.	NE	7.5
„ 2,.....	1	cum.	NE	1	c-cum. / cum.	NE	0	...	...	1	cum.	NE	4.7
„ 3,.....	2	cum.	ENE	1	cum.	NE	1	cum.	NE	1	sm-cum.	ENE	1.8
„ 4,.....	1	cum.	NE	2	cum.	NE	1	cum.	NE	1	cum.	NE	3.2
„ 5,.....	2	c-str.	SSE	9	c-str.	SE	2	c-str.	...	6	c-str.	SE	3.9
„ 6,.....	1	c-str.	SSE	1	c-str.	...	0	...	...	0	...	...	2.6
„ 7,.....	0	...	...	1	c-str.	...	1	c-str.	...	1	c-str.	...	0.6
„ 8,.....	2	c. / cum.	ENE	2	c-str. / sm-cum.	NW	0	...	...	0	...	...	2.3
„ 9,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.5
„ 10,.....	2	cum.	ENE	1	cum.	NE	0	...	...	0	...	...	1.5
„ 11,.....	8	c-str. / cum.	NNE	1	c-str. / cum.	...	0	...	...	0	...	...	1.4
„ 12,.....	5	c-str. / cum.	ENE	4	sm-cum.	NE	0	...	...	0	...	...	1.2
„ 13,.....	3	c-str. / cum.	WNW / E	7	c-str.	WNW	1	c-str.	WNW	0	...	...	1.5
„ 14,.....	3	cum.	NE	7	cum.	NE	0	...	...	0	...	...	2.3
„ 15,.....	1	cum.	NE	3	c-str.	NE	0	...	...	0	...	...	1.2
„ 16,.....	3	c-str. / cum.	E	2	c-str. / cum.	NNW / E	0	...	...	0	...	...	2.0
„ 17,.....	3	cum.	E	4	cum.	ESE	0	...	...	0	...	...	2.1
„ 18,.....	10	str. / nim.	SW	10	str-cum. / cum-nim.	SW	10	cum.	W	5	cum.	W	7.6
„ 19,.....	10	str. / nim.	E	10	str-cum. / cum.	W / E	10	nim.	E	7	cum.	ENE	9.3
„ 20,.....	10	sm-cum. / cum.	ENE	10	sm-cum. / cum.	SW / ENE	6	cum.	NE	3	cum.	NE	8.5
„ 21,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.9
„ 22,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 23,.....	0	...	...	0	...	...	0	...	...	2	cum.	ENE	0.2
„ 24,.....	1	cum.	NE	0	...	...	0	...	...	0	...	...	0.8
„ 25,.....	0	...	...	0	...	...	0	...	...	6	cum.	NE	1.2
„ 26,.....	1	cum.	NE	1	cum.	NE	0	...	...	1	cum.	ENE	1.3
„ 27,.....	1	cum.	NE	0	...	...	0	...	...	2	cum.	NE	1.2
„ 28,.....	0	...	...	0	...	...	0	...	...	9	R-cum.	ENE	2.0
„ 29,.....	0	...	...	0	...	...	0	...	...	2	cum.	ENE	3.1
„ 30,.....	2	sm-cum.	W	7	sm-cum.	W	8	sm-cum.	W	2	sm-cum.	W	4.4
„ 31,.....	2	sm-cum.	W	1	sm-cum.	WSW	1	sm-cum.	W	1	sm-cum.	W	4.3
Mean,.....	2.7	...	...	3.1	...	...	1.6	...	...	1.9	...	...	2.7

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Oct. 1,.....	...	...	...	...
„ 2, ...	...	...	...	...
„ 3,.....	0.010	1	0.09	...
„ 4,.....	0.020	1	...	...
„ 5,.....	...	...	...	...
„ 6,.....	...	...	...	...
„ 7,.....	...	...	...	...
„ 8,.....	...	...	...	...
„ 9,.....	...	...	...	...
„ 10,.....	...	...	...	...
„ 11,.....	...	...	...	...
„ 12,.....	...	...	...	...
„ 13,.....	...	...	...	...
„ 14,.....	...	...	...	...
„ 15,.....	...	...	...	...
„ 16,.....	...	...	...	...
„ 17,.....	1.370	3	1.11	0.48
„ 18,.....	0.345	7	0.08	0.73
„ 19,.....	0.120	6	0.23	0.22
„ 20,.....	...	...	0.07	...
„ 21,.....	...	...	...	...
„ 22,.....	...	...	...	...
„ 23,.....	...	...	...	...
„ 24,.....	...	...	...	..
„ 25,.....	...	...	...	...
„ 26,.....	...	...	...	...
„ 27,.....	...	...	...	...
„ 28,.....	...	...	...	...
„ 29,.....	...	...	...	...
„ 30,.....	...	...	...	...
„ 31,.....	...	...	...	...
Total,.....	1.865	18	1.58	1.43

W. Doberck,
Director.

Hongkong Observatory, 26th November, 1887.

HONGKONG OBSERVATORY.

Weather Report for November, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock. It contains also information concerning the first appearance and progress of typhoons.

It was hazy on the mornings of the 26th and 28th.

Slight fog was noted on the early morning of the 23rd.

Dew fell on the 1st, 6th, 9th, 13th, 18th, 19th, 20th, 22nd, 23rd, 26th and 28th.

Solar halos were observed on the 10th and 27th, lunar halos on the 26th and 27th, and lunar coronas on the 3rd and 26th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	1841	144	12.8
NE	1840	158	11.6
E	5022	318	15.8
SE	517	47	11.0
S	2	1	2.0
SW	16	2	8.0
W	74	12	6.2
NW	66	10	6.6
Calm	21	28	0.7

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF NOVEMBER, 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Nov. 1, ...	29.999	29.996	29.994	29.988	29.993	30.001	30.019	30.039	30.048	30.051	30.046	30.021	29.996	29.962	29.954	29.961	29.973	29.982	29.990	30.013	30.018	30.026	30.032	30.025	30.005
„ 2, ...	30.018	30.015	30.015	30.017	30.023	.041	.053	.078	.100	.096	.081	.051	30.025	.994	.980	.980	.985	.993	30.021	.045	.045	.047	.041	.033	.032
„ 3, ...	.025	.016	.009	.004	.007	.020	.041	.064	.069	.073	.062	.035	.013	.984	.970	.975	.976	.986	29.985	.007	.023	.030	.024	.008	.017
„ 4, ...	29.993	29.984	29.979	29.984	29.993	.010	.016	.021	.032	.034	.013	29.986	29.958	.932	.915	.909	.916	.922	.934	29.952	29.965	29.972	29.977	29.967	29.974
„ 5, ...	.953	.936	.931	.930	.939	29.960	29.978	29.981	29.991	29.987	29.954	.931	.909	.888	.876	.872	.877	.889	.917	.943	.959	.967	.969	.967	.938
„ 6, ...	.957	.938	.920	.903	.906	.932	.946	.957	.971	.969	.951	.929	.903	.887	.880	.879	.886	.896	.911	.934	.941	.950	.950	.938	.926
„ 7, ...	.928	.918	.918	.916	.920	.931	.948	.958	.972	.972	.956	.937	.911	.887	.882	.874	.878	.877	.893	.908	.911	.917	.915	.903	.918
„ 8, ...	.893	.878	.885	.894	.897	.914	.929	.958	.980	.976	.957	.930	.902	.881	.864	.864	.863	.870	.893	.903	.909	.910	.908	.906	.907
„ 9, ...	.892	.879	.874	.880	.890	.910	.929	.940	.949	.950	.942	.919	.886	.860	.844	.846	.860	.879	.902	.918	.931	.945	.941	.946	.905
„ 10, ...	.934	.911	.899	.904	.912	.940	.970	.996	.999	.988	.969	.939	.916	.907	.907	.910	.920	.935	.949	.968	.978	.976	.981	.979	.945
„ 11, ...	.976	.964	.946	.949	.955	.973	.997	30.018	30.032	30.033	30.017	.989	.963	.950	.952	.940	.960	.976	30.003	30.031	30.045	30.052	30.056	30.054	.993
„ 12, ...	30.041	30.033	30.022	30.027	30.037	30.053	30.067	.078	.086	.092	.081	30.055	30.025	30.014	30.014	30.016	30.018	30.021	.041	.066	.075	.072	.068	.062	30.048
„ 13, ...	.040	.027	.023	.020	.010	.030	.040	.052	.062	.044	.012	29.985	29.962	29.940	29.931	29.936	*29.948	*29.963	*29.981	*29.999	*.011	.016	.017	.006	.002
„ 14, ...	29.996	29.985	29.985	29.978	29.988	29.996	29.997	.025	.035	.045	.028	30.000	.967	.939	.936	.937	.944	.953	.964	.986	.000	.016	.014	.006	29.988
„ 15, ...	.999	.993	.973	.972	.970	.981	30.009	.023	.042	.029	.010	29.988	.954	.929	.919	.929	.942	.956	.989	30.015	.034	.039	.037	.018	.990
„ 16, ...	30.002	.989	.988	.983	.985	.991	.006	.017	.028	.031	.017	.999	.961	.938	.938	.945	.961	.967	.987	.006	.011	.022	.027	.011	.992
„ 17, ...	.007	.998	.988	.987	.994	30.015	.025	.037	.043	.055	.034	30.021	.996	.980	.974	.979	30.001	30.008	30.032	.054	.072	.079	.078	.075	30.022
„ 18, ...	.070	30.064	30.065	30.074	30.088	.111	.130	.141	.146	.148	.134	.106	30.077	30.068	30.065	30.061	.073	.091	.102	.128	.126	.127	.131	.128	.102
„ 19, ...	.126	.110	.105	.105	.110	.130	.143	.153	.166	.164	.144	.120	.092	.079	.075	.080	.089	.103	.118	.136	.140	.144	.128	.118	.120
„ 20, ...	.114	.107	.097	.084	.091	.115	.134	.152	.157	.152	.130	.107	.076	.050	.045	.045	.065	.074	.100	.120	.122	.132	.122	.111	.104
„ 21, ...	.106	.094	.090	.085	.089	.108	.129	.148	.168	.161	.137	.117	.091	.066	.059	.058	.067	.073	.096	.107	.120	.118	.118	.111	.105
„ 22, ...	.102	.087	.088	.090	.100	.108	.115	.133	.146	.139	.115	.084	.047	.025	.013	.016	.030	.051	.063	.084	.088	.084	.078	.060	.081
„ 23, ...	.048	.035	.035	.031	.039	.053	.076	.088	.089	.079	.057	.026	29.990	29.965	29.955	29.952	29.955	29.973	29.992	.002	.008	.016	.015	.006	.020
„ 24, ...	.000	29.990	29.986	29.986	29.996	.004	.020	.024	.043	.037	.027	29.994	.963	.937	.937	.936	.955	.972	.992	.008	.023	.031	.020	.014	29.996
„ 25, ...	.015	30.010	30.002	.994	30.001	.022	.036	.058	.077	.074	.062	30.037	.999	.980	.974	.977	.993	30.014	30.043	.059	.063	.073	.082	.072	30.030
„ 26, ...	.071	.067	.068	30.066	.067	.083	.092	.098	.108	.108	.091	.065	30.024	30.014	30.012	30.020	30.034	.039	.055	.071	.076	.072	.069	.066	.064
„ 27, ...	.048	.023	.008	.007	.017	.026	.040	.052	.056	.054	.045	.017	29.974	29.950	29.940	29.937	29.931	29.939	29.953	29.965	29.965	29.965	29.966	29.955	29.993
„ 28, ...	29.949	29.939	29.925	29.916	29.910	29.924	29.933	29.948	29.950	29.943	29.921	29.887	.861	.845	.839	.840	.830	.850	.855	.871	.886	.885	.891	.883	.895
„ 29, ...	.875	.871	.865	.859	.861	.870	.878	.900	.930	.957	.950	.940	.919	.909	.903	.919	.933	.948	.978	.993	30.013	30.029	30.029	30.025	.931
„ 30, ...	30.027	30.026	30.026	30.024	30.043	30.073	30.099	30.126	30.144	30.142	30.123	30.096	30.060	30.043	30.029	30.026	30.040	30.043	30.061	30.078	.083	.081	.059	.054	30.067
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	30.007	29.996	29.990	29.989	29.994	30.011	30.026	30.042	30.054	30.053	30.036	30.010	29.981	29.960	29.953	29.954	29.963	29.975	29.993	30.012	30.021	30.026	30.025	30.017	30.004

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF NOVEMBER, 1887.

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,	64.4	64.5	63.3	63.4	62.8	62.7	64.1	66.3	68.5	70.2	71.8	72.4	72.8	73.4	72.2	71.8	70.1	70.0	69.5	69.2	68.8	67.0	65.8	66.1	68.0	73.4	62.6
„ 2,	66.1	65.9	65.9	66.9	67.0	66.1	68.0	69.4	71.2	71.6	72.3	73.1	73.6	73.0	71.9	71.2	70.5	70.0	69.9	69.1	69.4	69.7	69.7	69.8	69.6	73.6	65.3
„ 3,	70.1	70.5	70.6	70.2	70.1	70.3	70.5	71.5	72.0	72.6	73.5	73.8	74.0	73.8	73.4	72.7	72.1	71.7	71.8	71.7	71.7	71.6	71.6	71.6	71.8	74.0	69.6
„ 4,	71.5	71.4	71.3	70.7	70.8	70.8	71.0	71.8	72.7	73.1	73.2	73.5	74.6	74.4	73.9	73.0	72.1	71.2	71.1	71.2	71.6	70.5	70.2	69.2	71.9	74.9	68.9
„ 5,	68.8	70.0	70.0	69.5	70.3	71.0	70.9	72.7	73.6	74.6	75.6	75.3	75.5	75.5	75.1	75.6	74.4	74.0	73.7	73.5	72.5	70.9	70.4	70.1	72.6	76.4	68.4
„ 6,	69.7	70.6	70.8	70.3	71.0	69.7	68.5	70.7	71.8	73.7	75.3	76.1	76.9	76.7	76.1	74.1	72.6	71.8	70.8	70.8	70.0	70.9	71.7	71.3	72.2	76.9	68.4
„ 7,	71.7	71.4	71.2	71.0	70.5	69.8	69.9	71.8	72.5	72.8	73.0	73.9	73.4	73.6	72.7	72.7	71.5	70.9	71.1	71.7	71.9	71.8	71.8	71.8	71.9	73.9	69.8
„ 8,	71.7	71.6	71.3	70.0	70.3	70.6	69.9	70.9	72.7	72.8	73.1	74.0	73.9	74.2	73.7	72.7	72.8	72.4	72.6	72.8	73.0	72.6	72.2	72.1	72.2	74.5	69.9
„ 9,	72.0	72.1	71.7	71.6	71.7	70.3	71.4	72.6	74.4	75.7	75.9	75.2	75.9	75.0	74.8	74.2	73.0	72.8	72.8	72.9	72.7	72.1	71.5	72.6	73.1	76.6	70.3
„ 10,	71.0	70.3	69.5	68.6	68.3	67.8	67.0	68.9	71.4	71.9	73.0	73.9	74.6	72.9	72.1	71.5	71.0	71.3	71.0	70.5	70.5	70.5	70.2	71.1	70.8	74.6	67.0
„ 11,	70.9	70.8	69.7	68.6	67.5	67.5	67.1	67.9	68.7	70.6	71.4	70.9	70.7	70.4	69.8	69.8	69.9	69.9	70.3	70.9	70.7	70.4	70.2	70.4	69.8	71.4	66.7
„ 12,	69.7	69.1	68.2	69.0	68.6	65.8	65.4	65.8	67.4	66.9	69.3	69.2	70.9	69.5	69.7	69.2	68.4	68.8	69.3	69.4	67.7	67.6	68.1	68.4	68.4	70.9	64.2
„ 13,	68.3	67.6	66.6	66.5	65.9	65.4	65.5	66.5	67.4	69.7	71.5	73.3	73.3	73.7	72.1	70.9	69.7	68.6	68.5	68.7	68.2	67.7	68.1	67.9	68.8	74.0	64.3
„ 14,	67.7	67.1	65.9	65.5	64.8	64.7	65.1	66.2	67.8	69.3	71.2	71.7	71.7	72.9	71.9	71.5	70.5	69.5	69.8	68.8	68.6	67.7	68.0	66.6	68.5	74.1	64.1
„ 15,	67.2	68.2	68.1	67.6	67.2	67.4	66.7	68.7	70.4	71.4	72.4	74.5	74.3	74.1	74.0	73.7	71.5	71.1	69.3	68.9	67.9	67.8	67.5	66.8	69.9	74.9	66.4
„ 16,	66.1	65.6	65.4	66.7	65.7	65.0	65.8	68.3	69.8	71.6	72.3	72.6	73.7	73.4	71.7	70.9	69.4	68.4	67.7	67.5	67.5	66.4	66.1	64.7	68.4	74.1	64.7
„ 17,	64.4	65.1	67.1	67.3	67.9	66.5	67.9	70.9	73.5	74.1	74.9	74.9	75.3	75.9	74.1	73.5	70.4	68.6	69.3	69.5	69.5	69.3	69.2	69.1	70.3	76.1	63.9
„ 18,	68.8	68.5	67.7	67.4	67.1	67.0	67.1	67.7	67.8	68.6	68.5	69.2	69.3	69.8	69.5	68.9	67.9	67.5	67.8	67.7	67.8	67.6	67.3	66.8	68.1	69.9	66.8
„ 19,	66.9	65.7	64.4	63.8	63.9	63.8	63.5	65.7	67.7	69.6	69.7	70.4	70.1	69.7	68.8	68.6	67.8	67.7	68.2	68.5	68.4	68.4	67.8	67.7	67.4	70.8	63.5
„ 20,	67.7	68.2	68.0	67.9	65.9	65.8	65.5	67.4	68.9	70.7	71.1	71.7	71.3	70.9	69.6	68.7	67.7	66.8	65.7	65.5	65.4	65.3	64.9	64.6	67.7	71.7	64.6
„ 21,	64.7	63.9	63.0	63.6	65.1	64.7	65.4	67.9	69.8	70.9	71.3	70.1	70.1	71.6	70.9	68.8	68.4	68.3	68.6	68.7	67.8	67.8	66.6	66.2	67.7	72.0	62.9
„ 22,	66.0	65.8	66.0	65.8	65.8	65.2	65.7	66.8	68.7	69.8	69.9	69.7	69.2	69.9	69.2	68.9	67.9	67.4	66.5	66.3	65.6	65.0	64.3	64.3	67.1	70.2	64.1
„ 23,	66.4	66.6	66.0	64.3	63.9	64.3	64.8	67.5	68.8	71.3	72.9	72.6	73.6	74.2	72.3	70.9	68.7	68.2	68.3	67.7	66.7	65.8	65.5	64.6	68.2	74.2	63.7
„ 24,	64.3	64.4	64.2	66.1	68.4	68.9	69.7	71.5	73.6	74.8	74.9	76.1	76.9	77.7	77.4	75.9	74.5	73.6	73.0	73.5	72.3	71.5	71.2	70.7	71.9	77.9	64.1
„ 25,	70.2	69.6	69.0	68.5	68.0	68.0	67.8	68.8	71.3	73.1	73.9	74.3	74.5	73.4	72.3	70.7	69.4	68.8	68.5	67.3	67.3	66.2	66.0	66.6	69.7	74.5	65.0
„ 26,	66.6	66.2	65.9	65.8	65.9	65.3	65.7	66.7	68.6	70.4	69.8	71.4	71.7	70.8	68.9	68.3	67.6	66.9	66.3	65.9	66.2	64.5	64.9	64.1	67.3	71.9	64.1
„ 27,	63.7	63.9	66.4	64.4	65.5	65.0	64.9	65.8	67.8	70.4	71.9	72.6	72.7	72.8	71.6	70.4	68.6	67.0	66.4	66.1	66.0	65.5	64.6	64.5	67.4	73.0	63.6
„ 28,	64.5	64.9	64.0	64.5	62.2	62.4	62.5	64.6	68.2	70.0	71.2	73.8	72.9	73.8	71.8	71.1	71.1	71.2	69.3	68.5	67.9	67.7	67.6	67.6	68.1	73.8	62.2
„ 29,	67.8	68.4	68.7	68.7	69.6	68.3	69.1	69.2	69.8	64.1	60.6	61.8	61.9	64.3	64.2	63.2	65.4	64.8	65.7	65.9	65.6	65.9	65.8	65.9	66.0	69.8	59.5
„ 30,	65.2	66.0	65.2	64.0	63.4	61.2	60.7	59.6	60.5	56.5	56.3	57.5	58.1	58.0	58.0	58.3	58.6	58.9	60.1	60.9	61.9	62.5	62.7	62.7	60.7	66.0	56.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	67.8	67.8	67.5	67.3	67.2	66.7	66.9	68.3	69.9	70.8	71.4	72.0	72.2	72.3	71.5	70.7	69.8	69.3	69.1	69.0	68.7	68.3	68.0	67.9	69.2	73.3	65.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF NOVEMBER, 1887.

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.	Sun.	Rad.
Nov. 1,	56.8	56.5	56.8	56.7	56.6	56.6	56.7	57.8	58.2	59.4	60.2	61.3	61.5	62.3	61.7	62.1	61.6	61.8	62.1	61.8	60.5	62.0	62.0	61.6	59.8	130.2	59.6
„ 2,	62.1	61.6	62.2	61.2	61.4	60.9	61.2	62.5	63.1	63.5	63.3	64.1	64.1	63.5	63.1	63.1	63.1	63.2	63.6	63.2	63.9	64.3	63.9	64.4	62.9	131.2	57.2
„ 3,	64.6	64.6	65.1	64.8	64.8	64.9	64.8	65.7	65.9	66.1	66.1	65.9	65.8	65.7	66.2	65.2	64.6	65.5	65.3	65.6	65.8	65.4	65.4	65.4	65.4	136.9	65.9
„ 4,	65.2	65.8	66.3	66.0	65.5	65.7	65.7	65.8	66.1	66.5	66.2	66.8	66.8	66.5	65.7	65.9	64.8	65.6	66.2	66.5	66.4	66.0	66.0	65.9	66.0	133.5	65.2
„ 5,	65.6	65.8	65.7	65.7	66.2	65.7	66.7	67.4	67.9	67.2	67.7	69.2	68.9	68.8	68.8	68.8	67.9	68.1	68.7	66.6	65.8	64.0	63.4	63.4	66.8	140.6	62.4
„ 6,	62.5	62.4	61.0	61.8	62.9	62.4	60.9	61.8	61.8	62.9	64.7	65.1	65.8	66.2	66.5	66.3	66.0	66.0	66.0	66.8	67.1	67.9	67.0	66.9	64.5	132.9	62.2
„ 7,	67.0	66.7	66.7	66.0	65.7	65.3	65.3	65.8	65.8	66.0	65.8	66.8	66.0	65.8	65.0	64.7	64.8	64.8	65.4	65.3	64.6	65.4	65.7	65.3	65.7	133.8	65.2
„ 8,	64.9	64.9	65.6	64.8	64.7	63.9	63.7	62.2	62.6	63.3	61.8	63.8	64.7	64.5	64.4	64.7	64.2	64.8	66.4	67.0	66.8	67.0	67.6	67.7	64.8	131.4	66.8
„ 9,	67.7	67.6	67.2	66.5	66.4	65.5	66.4	66.9	67.1	67.9	68.0	67.9	68.3	67.6	67.5	67.5	67.2	67.3	68.1	68.0	67.9	65.6	66.0	62.5	67.0	142.5	62.7
„ 10,	60.1	59.6	58.6	57.7	57.0	57.9	57.4	59.1	60.6	61.8	62.6	62.8	63.1	64.2	63.6	63.4	63.8	63.3	64.9	65.3	65.3	65.3	64.7	64.8	62.0	126.3	62.3
„ 11,	64.6	64.3	63.9	61.3	60.9	59.0	58.6	59.7	60.0	61.8	63.1	62.7	62.8	63.1	62.3	62.2	62.3	63.2	63.8	64.2	64.6	65.3	65.2	64.9	62.7	118.5	63.5
„ 12,	64.6	64.8	63.9	64.5	63.6	61.8	60.9	60.8	61.3	61.6	62.7	62.2	63.4	61.9	62.2	61.5	61.7	62.2	62.2	62.5	61.1	61.5	61.7	62.1	62.4	102.0	62.8
„ 13,	63.2	62.4	61.6	60.7	61.1	60.5	59.6	60.1	60.6	61.6	62.1	62.4	63.5	63.4	64.0	64.0	63.5	63.3	63.5	64.0	64.2	64.2	63.9	63.9	62.6	138.0	61.1
„ 14,	63.4	61.3	61.2	60.7	56.8	56.1	56.9	58.2	59.1	59.8	61.2	62.1	61.8	62.0	62.5	62.4	62.5	62.7	62.8	63.1	62.6	63.0	62.5	61.9	61.1	131.8	60.2
„ 15,	58.1	*57.5	*56.9	*56.2	*55.5	*54.8	54.2	54.1	54.8	55.5	56.2	58.1	59.6	59.2	57.8	56.6	55.1	54.1	59.2	60.0	60.3	60.1	60.3	58.6	57.2	134.6	58.0
„ 16,	58.7	58.1	54.3	50.8	49.2	49.3	50.0	51.9	52.7	54.1	54.2	55.4	55.8	53.6	56.9	57.0	56.9	57.5	57.7	58.2	57.8	58.7	59.5	61.1	55.4	131.3	54.0
„ 17,	59.3	55.2	50.9	50.9	50.6	52.6	50.8	51.3	52.1	53.4	53.3	55.1	56.4	55.6	57.6	57.8	59.9	59.1	60.2	59.9	61.2	61.3	60.8	60.1	56.1	134.0	59.0
„ 18,	58.4	59.0	57.2	56.9	57.0	56.4	56.2	56.3	55.3	56.0	57.2	56.8	58.0	57.8	58.4	59.7	60.3	60.2	60.5	61.2	61.0	61.7	61.1	60.9	58.5	128.5	62.6
„ 19,	61.2	60.6	59.2	58.4	58.1	57.6	56.9	56.5	57.9	57.6	59.0	59.0	60.0	59.6	58.5	59.5	58.3	59.7	60.4	60.8	61.1	61.7	60.9	60.9	59.3	133.6	64.3
„ 20,	60.4	60.4	59.2	59.6	58.3	57.7	58.8	59.3	60.1	59.8	61.6	62.4	62.6	62.1	61.6	61.1	60.5	60.2	59.8	60.0	60.6	60.2	60.4	59.9	60.3	129.8	57.3
„ 21,	59.8	58.8	57.9	56.7	52.5	51.1	52.9	54.8	55.6	56.1	57.5	57.8	58.3	58.3	58.2	58.6	58.9	60.2	60.6	61.2	61.1	61.6	61.4	60.5	57.9	129.0	58.7
„ 22,	59.5	59.1	58.3	58.1	57.3	54.8	55.1	56.8	57.1	56.9	57.0	58.0	58.7	59.6	60.3	59.4	59.1	59.0	59.2	60.1	59.6	59.6	59.4	60.4	58.4	127.2	60.6
„ 23,	61.8	61.7	61.9	60.6	60.5	60.8	61.9	63.1	62.8	61.9	62.7	61.9	62.5	63.7	62.5	63.8	63.5	63.2	62.6	62.3	62.3	62.2	61.9	61.2	62.2	129.2	60.5
„ 24,	60.8	61.0	60.7	57.7	55.2	54.9	55.1	57.5	58.0	58.0	58.3	59.1	60.4	60.0	59.3	59.3	58.5	58.6	58.2	58.1	57.3	57.4	56.8	55.2	58.1	133.4	58.0
„ 25,	54.8	54.1	53.2	*52.8	*52.5	*52.1	51.7	52.0	52.5	53.3	54.1	54.2	55.4	55.5	56.2	56.3	56.1	57.5	57.7	58.1	58.1	59.5	60.6	61.4	55.4	133.7	57.9
„ 26,	61.4	60.8	60.8	60.6	60.0	59.5	59.9	58.9	58.6	59.7	60.5	60.1	60.4	60.7	59.9	59.0	58.9	59.1	59.1	59.3	59.6	59.4	59.2	58.8	59.8	130.6	57.8
„ 27,	58.3	57.5	54.6	53.7	51.7	51.2	51.1	52.1	52.9	54.7	54.3	57.1	57.0	55.5	55.1	54.7	55.0	57.0	57.8	59.2	59.3	59.8	59.3	59.4	55.8	134.5	58.0
„ 28,	59.4	59.6	59.1	59.3	57.4	57.9	57.1	58.6	58.5	55.8	56.1	55.1	57.0	54.4	54.8	54.7	53.3	54.4	60.2	62.0	62.9	62.4	62.6	62.4	58.1	124.7	60.7
„ 29,	59.7	55.3	54.6	53.6	53.0	53.2	52.5	52.0	52.8	54.9	56.3	56.1	56.9	57.8	57.7	58.1	59.1	59.0	60.6	61.8	61.9	60.9	60.6	60.2	57.0	82.8	59.1
„ 30,	59.2	58.8	58.2	57.9	57.7	58.2	55.6	53.7	54.0	53.9	55.2	55.1	57.3	56.4	56.5	56.5	56.5	57.6	58.1	58.5	58.8	59.0	59.0	58.8	57.1	79.8	54.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	61.4	60.9	60.1	59.4	58.7	58.3	58.2	58.8	59.2	59.7	60.3	60.8	61.4	61.2	61.2	61.1	60.9	61.3	62.0	62.4	62.3	62.4	62.3	62.0	60.7	127.5	60.6

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF NOVEMBER, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	67	0.463	Nov. 1,.....	59	0.407
2 „	65	.447	„ 2,.....	67	.486
3 „	62	.425	„ 3,.....	69	.542
4 „	60	.406	„ 4,.....	71	.561
5 „	58	.386	„ 5,.....	73	.580
6 „	57	.381	„ 6,.....	63	.505
7 „	56	.375	„ 7,.....	71	.552
8 „	54	.374	„ 8,.....	65	.515
9 „	49	.365	„ 9,.....	72	.582
10 „	49	.369	„ 10,.....	58	.440
11 „	49	.380	„ 11,.....	66	.477
Noon.	49	.388	„ 12,.....	70	.485
1 p	51	.404	„ 13,.....	69	.486
2 „	50	.397	„ 14,.....	63	.441
3 „	52	.408	„ 15,.....	41	.301
4 „	55	.415	„ 16,.....	38	.268
5 „	57	.420	„ 17,.....	36	.263
6 „	61	.440	„ 18,.....	53	.365
7 „	65	.466	„ 19,.....	60	.399
8 „	67	.480	„ 20,.....	62	.426
9 „	68	.480	„ 21,.....	52	.352
10 „	70	.489	„ 22,.....	56	.375
11 „	71	.490	„ 23,.....	70	.481
Midt.	70	.481	„ 24,.....	39	.301
			„ 25,.....	34	.251
			„ 26,.....	62	.415
			„ 27,.....	44	.293
			„ 28,.....	51	.353
			„ 29,.....	54	.347
			„ 30,.....	79	.421
Mean, ...	59	0.422	Mean,.....	59	0.422

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.
1887.														
Nov. 1,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.3
„ 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,	...	0.1	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.8
„ 4,	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.7
„ 5,	...	0.5	1.0	1.0	1.0	1.0	0.6	0.6	0.1	...	0.4	0.6	...	6.8
„ 6,	...	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.2
„ 7,	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.0
„ 8,	...	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	...	7.4
„ 9,	...	0.5	1.0	1.0	1.0	1.0	1.0	0.3	...	...	0.7	0.6	...	7.1
„ 10,	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	...	...	7.4
„ 11,	...	...	...	...	...	0.1	0.1	...	...	...	...	...	...	0.2
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	0.1	0.3	0.2	0.9	0.8	1.0	1.0	1.0	0.8	0.1	...	6.2
„ 14,	...	0.1	0.1	0.1	0.3	0.1	...	0.5	0.9	0.2	0.1	0.3	...	2.7
„ 15,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	...	9.8
„ 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,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 18,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.7
„ 19,	...	...	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	...	7.8
„ 20,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 21,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 22,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 23,	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.6
„ 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,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 26,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 27,	...	0.1	0.1	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	7.9
„ 28,	...	...	...	0.3	0.3	...	0.4	...	...	...	...	...	...	1.0
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	7.9	19.5	23.0	23.6	24.1	23.9	23.4	23.0	22.0	20.8	10.3	...	221.5
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF NOVEMBER, 1887.

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.
Nov. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
„ 13,	...	0·005	0·020	...	...	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·030
„ 14,	0·005	0·005	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·015
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	0·060	0·085	0·015	0·015	0·005	...	...	...	...	...	...	...	...	...	...	0·180
„ 30,	...	...	...	...	0·025	0·040	0·060	0·065	0·100	0·050	...	0·010	0·040	0·035	0·015	0·080	0·040	...	...	...	...	...	...	...	0·560
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0·005	0·010	0·025	...	0·030	0·045	0·060	0·065	0·100	0·110	0·085	0·025	0·055	0·040	0·015	0·080	0·040	...	...	...	...	...	...	...	0·790

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF NOVEMBER, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
Nov. 1,	2	4	2	5	32	2	...	1	...	0	...	0	...	1	32	5	32	9	1	4	9	6	6	14	8	15	10	14	10	13	10	15	9	15	9	10	6	6	6	5	6	2	6	2	...	1	...	1	150	6.2
" 2,	10	2	...	0	...	0	5	4	2	9	1	9	1	8	4	10	6	14	7	15	9	15	10	16	10	17	10	18	10	17	11	14	9	14	9	13	9	7	6	6	6	10	5	11	7	12	7	15	256	10.7
" 3,	7	17	7	16	6	17	6	18	6	18	6	17	6	19	6	18	7	23	7	23	7	20	8	22	7	18	7	20	9	22	7	18	7	15	7	14	7	21	7	19	7	17	7	19	7	20	7	20	451	18.8
" 4,	7	23	7	20	6	19	6	19	6	19	6	19	6	16	7	20	7	23	7	22	7	20	8	15	7	16	7	17	7	16	7	15	7	14	7	12	7	12	7	12	7	10	4	6	4	6	11	4	375	15.6
" 5,	6	4	6	9	5	8	6	7	6	9	4	9	5	8	4	9	9	11	10	10	10	7	9	5	23	8	23	10	22	8	23	4	23	5	28	10	27	6	30	8	31	9	31	7	2	7	1	9	187	7.8
" 6,	2	8	2	9	3	15	5	12	8	10	8	7	30	11	1	13	1	12	1	10	22	5	21	5	12	9	11	11	11	12	9	15	9	18	10	8	9	8	9	6	...	1	...	1	7	12	7	13	231	9.6
" 7,	6	11	6	13	6	13	5	14	4	12	5	15	6	15	7	20	7	23	8	25	7	23	7	22	7	22	9	28	8	23	8	21	8	16	8	17	7	17	8	18	7	21	8	24	7	26	7	26	465	19.4
" 8,	7	26	7	29	7	27	7	26	6	28	6	29	7	27	5	25	7	25	7	28	7	23	8	25	9	24	9	25	9	24	9	21	8	17	8	14	7	15	7	17	7	22	7	22	7	19	7	16	554	23.1
" 9,	6	13	6	16	7	18	7	17	6	10	6	3	6	5	7	8	10	8	9	13	10	18	10	19	9	21	9	25	8	22	9	20	8	19	10	15	7	14	7	14	6	11	32	5	3	3	1	15	332	13.8
" 10,	1	24	32	20	1	19	1	18	1	22	2	16	1	10	1	3	3	9	5	21	5	17	6	15	8	15	10	21	8	18	6	15	4	13	4	11	6	14	7	17	7	20	7	18	7	19	5	13	388	16.2
" 11,	5	12	4	12	6	11	2	8	1	6	1	10	1	8	1	8	4	10	7	13	7	19	7	20	9	19	8	16	7	16	7	13	7	13	6	12	6	11	7	12	7	13	7	18	6	18	6	21	319	13.3
" 12,	6	25	6	18	6	21	5	18	5	15	32	12	1	9	1	10	6	15	6	14	5	9	4	13	2	8	5	11	6	9	4	10	5	8	4	11	2	7	3	6	1	12	1	7	1	9	1	8	285	11.9
" 13,	3	5	1	7	32	10	1	11	1	9	32	10	32	10	32	12	1	8	32	8	32	10	6	8	9	13	10	12	10	13	10	11	9	11	9	9	8	10	7	8	6	10	6	7	5	8	6	13	233	9.7
" 14,	7	15	3	8	6	6	5	5	32	7	32	16	1	19	1	9	1	16	1	13	32	8	30	4	11	5	8	5	22	9	27	8	26	6	27	9	30	3	9	8	6	8	7	8	5	6	32	5	206	8.6
" 15,	32	14	1	16	1	19	1	17	1	19	1	21	1	17	1	31	1	29	1	30	1	21	2	11	9	13	4	8	31	11	1	12	1	9	32	5	9	6	7	8	5	3	...	1	5	2	1	3	326	13.6
" 16,	1	8	1	10	1	9	2	13	1	15	1	16	1	8	1	13	1	17	32	15	5	9	7	13	10	13	1	9	8	9	6	6	7	5	9	9	7	9	6	7	9	10	9	5	...	1	11	2	231	9.6
" 17,	...	1	2	3	1	10	32	13	32	18	2	8	1	15	1	23	3	27	2	21	5	17	5	14	8	15	6	12	9	16	10	19	10	17	5	10	6	11	7	19	7	18	7	21	6	23	6	23	374	15.6
" 18,	6	22	6	20	7	23	6	23	7	23	6	23	7	30	7	33	7	34	6	36	7	33	7	33	7	30	7	28	7	25	7	25	7	25	7	21	8	22	8	27	7	25	7	28	7	28	7	25	642	26.8
" 19,	6	26	6	24	6	23	6	22	6	18	4	14	4	11	4	12	5	12	5	16	8	12	10	16	10	22	10	22	8	17	8	17	7	15	8	15	7	14	7	16	6	19	7	18	7	21	7	20	422	17.6
" 20,	7	15	4	13	3	9	4	10	3	3	3	3	3	2	8	3	9	10	10	11	10	13	9	11	9	15	9	19	8	22	8	19	11	12	10	13	7	10	6	9	6	6	6	7	5	9	6	11	255	10.6
" 21,	6	9	6	9	32	4	32	11	1	19	32	17	3	5	7	5	5	14	5	13	8	17	10	25	10	21	10	17	10	18	10	19	8	14	8	16	7	17	7	19	6	15	5	19	6	16	6	21	360	15.0
" 22,	6	20	6	18	5	13	5	11	4	13	6	18	7	15	8	12	7	15	8	21	9	25	10	25	10	23	10	20	10	18	10	15	11	10	11	6	12	5	...	1	12	3	12	3	12	3	...	1	314	13.1
" 23,	4	10	4	10	5	9	2	3	3	2	...	1	...	0	11	2	11	3	12	4	23	4	10	3	23	8	23	8	25	5	27	7	26	6	26	7	...	1	...	1	...	1	...	1	26	2	...	1	99	4.1
" 24,	...	1	6	2	6	2	6	2	2	8	1	14	32	17	1	6	32	14	32	21	1	20	1	19	1	15	2	12	2	17	1	12	1	5	1	4	2	6	2	8	32	6	1	18	1	27	1	23	279	11.6
" 25,	1	21	1	23	1	22	1	24	1	25	1	21	1	24	1	21	1	17	1	13	4	7	7	14	9	12	10	13	11	15	10	17	9	17	8	12	8	6	7	5	13	2	11	4	9	8	7	8	351	14.6
" 26,	7	9	6	9	6	8	6	10	6	9	5	10	5	13	6	12	7	6	10	11	10	11	9	12	9	12	9	14	9	19	9	14	9	11	10	9	10	10	10	9	9	7	10	4	11	8	9	3	240	10.0
" 27,	...	1	3	7	2	3	...	1	4	4	8	2	7	4	7	4	6	3	8	9	8	11	12	10	10	13	10	16	9	16	9	14	8	10	9	11	10	12	7	11	6	11	5	10	7	12	6	10	205	8.5
" 28,	6	9	5	9	5	8	5	10	2	5	2	5	...	0	...	0	16	2	27	3	...	1	6	2	9	7	32	12	6	10	32	4	1	14	3	8	8	14	8	14	8	12	7	7	9	9	8	6	171	7.1
" 29,	7	3	6	8	3	7	2	11	2	11	32	7	1	12	2	13	2	13	4	13	10	12	8	10	6	12	32	5	32	17	2	15	5	14	7	14	8	16	7	22	7	21	6	20	6	18	6	20	314	13.1
" 30,	7	22	6	16	6	19	7	23	7	21	6	14	3	13	2	17	3	15	32	17	32	17	32	15	32	12	32	13	1	18	1	19	32	14	1	11	4	9	2	5	5	16	4	20	5	21	5	17	384	16.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	380	...	379	...	374	...	382	...	387	...	366	...	352	...	377	...	437	...	473	...	430	...	436	...	453	...	461	...	475	...	434	...	382	...	336	...	319	...	337	...	341	...	341	...	374	...	373	9399	391.6
Hourly Means,	...	12.7	...	12.6	...	12.5	...	12.7	...	12.9	...	12.2	...	11.7	...	12.6	...	14.6	...	15.8	...	14.3	...	14.5	...	15.1	...	15.4	...	15.8	...	14.5	...	12.7	...	11.2	...	10.6	...	11.2	...	11.4	...	11.4	...	12.5	...	1.24	313.3	13.1

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR NOVEMBER, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	4.8	9.1	0.0	0.0	+4.8	+ 9.1	E 28° N
2 „	6.3	8.3	0.0	0.0	6.3	8.3	E 37° N
3 „	6.5	7.9	0.0	0.0	6.5	7.9	E 39° N
4 „	7.3	7.4	0.0	0.0	7.3	7.4	E 45° N
5 „	8.0	6.5	0.0	0.0	8.0	6.5	E 51° N
6 „	8.5	5.3	0.0	0.0	8.5	5.3	E 58° N
7 „	7.4	5.3	0.0	0.1	7.4	5.2	E 55° N
8 „	7.6	6.1	0.0	0.0	7.6	6.1	E 51° N
9 „	6.8	9.1	0.2	0.0	6.6	9.1	E 36° N
10 „	7.1	9.8	0.5	0.1	6.6	9.7	E 34° N
11 „	3.9	10.6	0.8	0.3	3.1	10.3	E 17° N
Noon.	2.6	11.8	1.6	0.2	+1.1	11.6	E 5° N
1 p.	1.3	12.7	1.6	0.5	−0.3	12.2	E 1° S
2 „	2.2	12.1	2.0	0.6	+0.2	11.5	E 1° N
3 „	2.2	12.4	1.7	0.6	0.5	11.8	E 2° N
4 „	2.8	11.1	1.4	0.5	1.4	10.6	E 7° N
5 „	2.4	10.1	0.7	0.5	1.7	9.6	E 10° N
6 „	2.3	8.9	0.7	0.6	1.6	8.3	E 11° N
7 „	1.3	9.6	0.4	0.2	0.9	9.4	E 5° N
8 „	1.0	10.4	0.1	0.1	0.9	10.3	E 5° N
9 „	2.4	9.7	0.1	0.0	2.3	9.7	E 13° N
10 „	3.2	9.1	0.2	0.0	3.0	9.1	E 18° N
11 „	3.6	9.9	0.3	0.1	3.3	9.9	E 18° N
Midt.	4.2	9.3	0.1	0.0	+4.1	+ 9.3	E 24° N
Mean,.....	4.4	9.3	0.5	0.2	+3.9	+ 9.1	E 24° N

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Nov. 1,.....	...	...	2	NE	4	2	E	3	1	E	4	1
„ 2,.....	...	...	2	E	4	2	E	3	1	E	4	2
„ 3,.....	...	...	3	E	5	2	E	5	3	E	5	2
„ 4,.....	...	...	3	E	4	3	E	4	3	E	3	2
„ 5,.....	...	...	2	E	5	1	E	4	1	E	4	1
„ 6,.....	...	...	2	NE	3	2	NE	3	1	NE	4	1
„ 7,.....	...	...	2	E	5	3	E	4	3	E	6	4
„ 8,.....	...	...	4	E	5	4	E	4	3	E	4	3
„ 9,.....	...	...	3	E	4	2	E	2	2	E	3	2
„ 10,.....	...	...	3	NE	4	3	E	5	4	E	5	4
„ 11,.....	...	...	4	E	4	4	E	5	3	E	4	4
„ 12,.....	...	...	4	NE	4	3	E	4	4	NE	4	4
„ 13,.....	...	...	2	NE	3	3	NE	3	2	ENE	3	3
„ 14,.....	...	...	2	ENE	3	3	NE	4	1	NE	4	2
„ 15,.....	...	...	1	NE	5	3	NE	4	2	ENE	3	1
„ 16,.....	...	...	2	NE	4	2	E	4	2	NE	5	2
„ 17,.....	...	...	2	NE	5	3	ENE	4	2	NE	4	3
„ 18,.....	...	...	3	E	7	5	E	6	4	E	6	5
„ 19,.....	...	...	3	E	5	3	E	4	2	E	4	3
„ 20,.....	...	...	3	ENE	4	2	ENE	3	2	ENE	3	2
„ 21,.....	...	...	1	NE	5	2	ENE	4	2	ENE	4	2
„ 22,.....	...	...	3	E	5	3	E	4	4	E	3	2
„ 23,.....	...	...	2	E	3	1	E	4	1	E	4	1
„ 24,.....	...	...	1	NE	5	1	NE	4	1	NE	5	1
„ 25,.....	...	...	2	NE	4	2	ENE	3	1	E	4	1
„ 26,.....	...	...	2	ENE	4	2	E	3	2	E	3	2
„ 27,.....	...	...	3	E	4	3	E	3	2	E	4	3
„ 28,.....	...	...	1	ENE	5	1	NE	5	2	NE	5	3
„ 29,.....	...	...	3	NNE	5	4	NE	6	4	NE	5	4
„ 30,.....	...	...	4	ENE	5	4	NE	5	3	NE	4	4
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	...	...	2.5	E 21° N	4.4	2.6	E 15° N	4.0	2.3	E 17° N	4.1	2·5

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
Nov. 1,.....	28.273	28.215	28.246	63.8	68.7	63.8	124.6	70.3	62.2	59.8
„ 2,.....	.319	.246	.236	65.4	68.2	65.4	128.1	69.3	61.5	58.0
„ 3,.....	.311	.224	.258	64.2	67.2	63.5	130.0	68.3	62.6	58.6
„ 4,.....	.260	.184	.201	65.8	68.4	64.5	127.1	69.5	63.4	58.6
„ 5,.....	.251	.177	.189	65.2	68.4	65.0	124.1	69.9	63.2	60.8
„ 6,.....	.217	.171	.191	67.4	70.9	66.7	129.1	71.5	63.6	59.4
„ 7,.....	.220	.144	.164	66.4	68.0	62.8	128.1	68.6	62.8	59.4
„ 8,.....	.188	.147	.166	67.8	68.8	64.5	124.9	69.5	61.5	58.7
„ 9,.....	.161	.137	.143	69.2	71.0	68.2	130.0	72.2	62.3	56.4
„ 10,.....	.211	.166	.183	65.1	66.4	62.8	120.3	68.2	59.6	58.3
„ 11,.....	.246	.191	.187	63.1	63.8	61.8	119.4	68.3	60.6	59.4
„ 12,.....	.298	.249	.219	61.4	62.7	61.8	110.5	67.2	59.9	58.6
„ 13,.....	.263	.197	.249	62.2	67.0	63.5	131.2	67.6	60.2	56.8
„ 14,.....	.249	.192	.224	62.0	65.7	61.5	130.1	67.2	56.6	55.4
„ 15,.....	.268	.200	.216	62.2	66.7	60.2	126.0	67.3	59.3	53.4
„ 16,.....	.260	.205	.237	62.4	67.4	63.2	120.5	68.5	58.7	56.3
„ 17,.....	.258	.245	.253	68.4	68.8	63.0	129.0	69.3	60.3	57.4
„ 18,.....	.322	.293	.320	62.0	63.1	59.7	121.8	63.1	53.3	52.4
„ 19,.....	.359	.331	.326	60.7	64.1	59.5	125.8	65.2	56.5	53.6
„ 20,.....	.372	.304	.326	63.2	66.7	61.8	121.6	66.9	57.0	51.4
„ 21,.....	.378	.311	.340	63.1	64.9	59.1	122.2	66.6	57.0	53.1
„ 22,.....	.354	.286	.319	61.7	65.7	61.7	125.5	66.2	57.3	49.3
„ 23,.....	.322	.220	.246	63.7	67.8	64.2	121.9	68.2	60.2	56.4
„ 24,.....	.284	.219	.261	65.7	68.7	62.1	123.3	69.0	62.1	57.8
„ 25,.....	.301	.240	.296	63.8	67.8	60.7	125.9	68.2	60.2	52.4
„ 26,.....	.334	.283	.297	64.0	67.0	60.7	121.8	67.6	58.6	52.4
„ 27,.....	.288	.202	.168	62.8	66.8	60.7	126.6	66.9	59.6	52.5
„ 28,.....	.186	.108	.097	61.7	62.8	59.8	114.8	64.3	58.6	54.1
„ 29,.....	.162	.125	.167	56.4	57.7	54.4	77.5	60.5	54.4	49.3
„ 30,.....	.317	.241	.231	54.7	54.8	52.7	79.0	58.9	52.7	50.4
.....	...	...	...	...	...	...	...	...	...	...
Mean,.....	28.274	28.215	28.232	63.5	66.2	62.0	121.4	67.5	59.5	55.7

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Nov. 1,.....	48	55	74	72	74	82	0.365	0.430	0.491	0.429	0.522	0.488
„ 2,.....	62	62	73	81	77	78	.479	.471	.532	.511	.532	.489
„ 3,.....	69	65	70	89	83	85	.556	.522	.545	.536	.554	.501
„ 4,.....	69	67	78	85	82	85	.564	.543	.580	.542	.570	.520
„ 5,.....	66	70	66	88	81	91	.569	.614	.505	.550	.563	.559
„ 6,.....	52	64	85	81	69	80	.431	.543	.644	.542	.529	.524
„ 7,.....	68	63	69	85	77	90	.550	.506	.542	.551	.531	.512
„ 8,.....	56	63	74	86	85	87	.456	.506	.588	.584	.601	.532
„ 9,.....	65	69	69	78	79	82	.579	.585	.545	.553	.595	.565
„ 10,.....	54	62	74	68	72	82	.419	.477	.556	.423	.468	.469
„ 11,.....	58	63	75	82	75	84	.436	.460	.557	.475	.447	.463
„ 12,.....	73	62	69	91	84	81	.479	.445	.466	.499	.483	.451
„ 13,.....	61	66	82	87	78	82	.441	.505	.555	.486	.521	.482
„ 14,.....	54	57	76	86	77	65	.389	.444	.514	.479	.489	.354
„ 15,.....	29	29	61	55	61	50	.231	.233	.419	.312	.399	.262
„ 16,.....	24	37	61	50	50	46	.189	.282	.393	.282	.339	.265
„ 17,.....	16	33	61	30	41	53	.136	.272	.437	.211	.286	.307
„ 18,.....	41	55	70	61	67	61	.283	.391	.473	.340	.385	.310
„ 19,.....	44	56	66	72	69	67	.317	.389	.462	.380	.414	.340
„ 20,.....	49	63	73	70	70	64	.371	.438	.455	.407	.455	.356
„ 21,.....	34	51	69	56	58	64	.255	.358	.467	.323	.358	.317
„ 22,.....	40	54	71	61	65	58	.294	.382	.440	.338	.409	.321
„ 23,.....	56	66	81	77	77	58	.430	.499	.513	.461	.527	.346
„ 24,.....	30	32	37	55	53	51	.260	.286	.286	.347	.375	.286
„ 25,.....	17	35	65	47	47	57	.146	.264	.421	.276	.321	.298
„ 26,.....	50	55	72	67	88	68	.371	.377	.441	.403	.580	.360
„ 27,.....	30	30	70	52	42	57	.222	.222	.440	.299	.277	.303
„ 28,.....	36	28	73	47	44	49	.258	.212	.494	.257	.251	.254
„ 29,.....	52	72	73	71	75	91	.311	.418	.469	.325	.359	.386
„ 30,.....	83	89	80	86	91	97	.383	.435	.455	.369	.395	.386
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	50	56	71	71	70	71	0.372	0.417	0.490	0.416	0.451	0.400

TABLE XII.

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
1887.												
Nov. 1, ...	1	cum.	E	0	...	...	0	...	...	1	c-str. / cum.	ENE
„ 2, ...	0	...	...	3	c-str. / cum.	E	3	c-str. / cum.	WSW / ENE	3	cum.	ENE
„ 3, ...	1	cum.	ENE	6	cum.	E	6	sm-cum. / cum.	E	5	sm-cum. / cum.	W / E
„ 4, ...	3	cum.	E	8	cum.	E	6	cum.	E	2	cum.	E
„ 5, ...	0	...	...	0	...	...	1	cum.	ENE	2	cum.	ENE
„ 6, ...	10	cum.	E	8	sm-cum.	E	5	sm-cum.	E	1	c-str.	...
„ 7, ...	3	cum.	E	4	cum.	ENE	1	cum.	NE	2	cum.	ENE
„ 8, ...	2	cum.	E	10	nim.	E	3	sm-cum. / cum.	SW / E	3	cum.	S
„ 9, ...	1	sm-cum.	...	1	sm-cum.	...	1	sm-cum.	...	7	sm-cum.	S
„ 10, ...	0	...	...	0	...	...	7	c-str.	W	8	c-str.	SW
„ 11, ...	10	cum.	ENE	10	cum.	NE	10	str.	SW	10	str-cum.	SW
„ 12, ...	10	cum-nim.	ENE	10	str-cum.	ENE	10	str.	ENE	10	nim.	E
„ 13, ...	10	cum.	E	10	cum-nim.	E	10	str. / cum-nim.	W / ENE	9	sm-cum.	W
„ 14, ...	10	cum.	NE	10	cum.	NE	10	cum.	W	9	str-cum.	W
„ 15, ...	0	...	...	0	...	...	1	c-str.	...	1	c-str.	W
„ 16, ...	0	...	...	0	...	...	7	c-str.	WSW	6	c-str.	W
„ 17, ...	0	...	...	0	...	...	1	c-str.	W	1	c-str.	W
„ 18, ...	0	...	...	0	...	...	1	c-str.	W	1	c-str. / cum.	W / E
„ 19, ...	1	c-str.	...	0	...	...	9	c-str.	W	9	c-str.	W
„ 20, ...	10	cum.	W	2	sm-cum.	W	3	sm-cum.	W	0	...	...
„ 21, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 22, ...	1	cum.	...	0	...	...	0	...	...	0	...	...
„ 23, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 24, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 25, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 26, ...	0	...	...	0	...	...	0	...	...	3	c-str.	SW
„ 27, ...	9	c-str.	SW	9	c-str.	SSW	7	c-str.	SSW	7	c-str.	SSW
„ 28, ...	7	c-str.	SSW	8	c-str.	SSW	8	c-str.	SSW	7	c-str.	S
„ 29, ...	10	str-cum.	S	10	R-cum.	NE	10	str.	E	10	nim.	...
„ 30, ...	10	R-cum.	NE	10	nim.	NE	10	nim.	ENE	10	nim.	ENE
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean, ...	3.6	...	...	4.0	...	...	4.3	...	...	4.2	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Nov. 1,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.2
„ 2,.....	0	...	...	0	...	...	1	c-cum.	W	1	cum.	ENE	1.4
„ 3,.....	2	cum.	E	7	c-str. / cum.	W / E	3	c-str.	WNW	4	c-str. / cum.	ENE	4.3
„ 4,.....	2	c-str. / cum.	E	2	c-str. / cum.	W / E	0	...	...	1	cum.	E	3.0
„ 5,.....	10	R-cum.	NNE	2	cum.	N	0	...	...	9	sm-cum.	NW	3.0
„ 6,.....	0	...	...	1	cum.	N	0	...	...	9	cum.	NE	4.2
„ 7,.....	2	cum.	NE	0	...	...	1	cum.	ENE	2	cum.	E	1.9
„ 8,.....	1	sm-cum.	SW	7	sm-cum.	SW	9	sm-cum.	SW	0	...	...	4.4
„ 9,.....	9	sm-cum.	SSW	6	sm-cum.	SW	4	sm-cum.	SW	1	sm-cum.	SW	3.8
„ 10,.....	9	c-str.	WSW	10	c-str. / R-cum.	ENE	10	cum.	E	10	cum.	E	6.7
„ 11,.....	10	str.	SW	10	str-cum.	SW	10	str-cum.	...	10	cum-nim.	ENE	10.0
„ 12,.....	10	nim.	ENE	10	str-cum.	ENE	10	str-cum.	ENE	10	cum.	NE	10.0
„ 13,.....	0	...	...	2	sm-cum.	WNW	0	...	...	3	cum.	NNE	5.5
„ 14,.....	9	sm-cum.	W	10	sm-cum.	W	1	sm-cum.	W	0	...	...	7.4
„ 15,.....	2	sm-cum.	WSW	10	c-str.	W	1	c-str.	...	0	...	...	1.9
„ 16,.....	9	c-str.	W	10	c-str.	W	4	c-str.	...	0	...	...	4.5
„ 17,.....	1	c-str.	W	1	c-str.	...	2	c-str.	...	0	...	...	0.8
„ 18,.....	1	c-str.	W	3	c-cum.	W	0	...	...	4	c-str. / cum.	E	1.2
„ 19,.....	9	c-str. / sm-cum.	W	10	c-str. / sm-cum.	W / W	10	c-str. / sm-cum.	W / W	10	c-str. / cum.	W	7.3
„ 20,.....	0	...	...	0	...	...	0	...	...	0	...	...	1.9
„ 21,.....	0	...	...	0	...	...	0	...	...	3	cum.	E	0.4
„ 22,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 23,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 24,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 25,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 26,.....	2	c-str.	SW	3	c-str.	SW	2	c-str.	SW	9	c-str.	SW	2.4
„ 27,.....	7	c-str.	SSW	7	c-str.	SSW	7	c-str.	SSW	2	c-str.	S	6.9
„ 28,.....	9	c-str.	SW	10	str-cum.	SSW	10	str-cum.	SSW	10	R-cum.	S	8.6
„ 29,.....	10	nim.	NE	10	str.	NE	10	str. / R-cum.	NNE	10	c-str. / R-cum.	NE	10.0
„ 30,.....	10	nim.	NE	10	nim.	NE	10	str. / cum.	ENE	10	str. / cum.	ENE	10.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	4.1	...	...	4.7	...	...	3.5	...	...	3.9	...	...	4.1

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Nov. 1,.....	...	...	...	...
„ 2, ...	...	...	...	...
„ 3,.....	...	...	...	...
„ 4,.....	...	...	...	...
„ 5,.....	...	...	...	...
„ 6,.....	...	...	...	...
„ 7,.....	...	...	...	...
„ 8,.....	...	...	...	...
„ 9,.....	...	...	...	...
„ 10,.....	...	...	...	...
„ 11,.....	0.005	2	0.01	...
„ 12,.....	0.030	2	0.02	...
„ 13,.....	0.015	1	...	...
„ 14,.....	...	...	...	...
„ 15,.....	...	...	...	...
„ 16,.....	...	...	...	...
„ 17,.....	...	...	...	...
„ 18,.....	...	...	...	...
„ 19,.....	...	...	...	...
„ 20,.....	...	...	...	...
„ 21,.....	...	...	...	...
„ 22,.....	...	...	...	...
„ 23,.....	...	...	...	...
„ 24,.....	...	...	...	...
„ 25,.....	...	...	...	...
„ 26,.....	...	...	...	...
„ 27,.....	...	...	...	...
„ 28,.....	0.045	1	...	...
„ 29,.....	0.475	10	0.26	0.52
„ 30,.....	0.220	6	0.14	0.40
.....	...	...	...	...
Total,.....	0.790	22	0.43	0.92

W. Doberck,
Director.

Hongkong Observatory, 17th December, 1887.

HONGKONG OBSERVATORY.

Weather Report for December, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock.

Slight fog was noted on the early morning of the 10th.

It was hazy on the 6th, 8th, 10th, 22nd and 30th.

Visibility was noted on the 28th.

Dew fell on the 6th, 7th, 8th, 9th, 10th, 12th, 13th, 19th, 21st and 24th.

Lunar coronas were noted on the 1st, 20th and 26th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	2286	198	11.5
NE	1257	120	10.5
E	4976	317	15.7
SE	317	37	8.6
S	16	4	4.0
SW	57	6	9.5
W	251	31	8.1
NW	56	9	6.2
Calm	18	22	0.8

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF DECEMBER, 1887.

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, ...	30.045	30.026	30.009	30.002	30.013	30.021	30.033	30.043	30.044	30.042	30.028	30.004	29.963	29.943	29.936	29.939	29.951	29.963	29.985	30.008	30.013	30.008	29.995	29.977	30.000
„ 2, ...	29.971	29.967	29.959	29.947	29.952	29.960	29.973	29.980	29.996	29.997	29.991	29.963	.942	.935	.932	.937	.944	.964	.993	.001	.012	.010	30.001	.992	29.972
„ 3, ...	.987	.977	.982	.987	.997	30.008	30.020	30.042	30.062	30.059	30.045	30.024	.997	.983	.980	.977	.982	.988	30.006	.018	.026	.041	.041	30.037	30.011
„ 4, ...	30.036	30.029	30.030	30.030	30.038	.052	.073	.088	.104	.105	.091	.067	30.040	30.026	30.020	30.018	30.020	30.030	.052	.071	.087	.089	.089	.079	.057
„ 5, ...	.079	.074	.064	.061	.072	.076	.105	.119	.130	.114	.089	.068	.030	.016	.023	.021	.032	.047	.069	.080	.090	.091	.088	.077	.071
„ 6, ...	.076	.068	.060	.061	.076	.093	.104	.123	.140	.138	.124	.097	.066	.044	.032	.034	.046	.054	.068	.081	.093	.093	.084	.079	.081
„ 7, ...	.076	.062	.045	.051	.052	.066	.087	.100	.116	.113	.095	.067	.026	.004	29.999	.000	.015	.032	.046	.062	.072	.085	.087	.081	.060
„ 8, ...	.079	.072	.056	.054	.060	.068	.081	.098	.108	.104	.091	.057	.019	.004	.993	29.984	29.997	.002	.016	.036	.047	.047	.048	.036	.048
„ 9, ...	.018	29.998	29.989	29.981	29.981	29.982	29.986	.006	.018	.017	.005	29.983	29.947	29.933	.927	.926	.933	29.943	29.954	29.964	29.972	29.975	29.974	29.969	29.974
„ 10, ...	29.951	.936	.933	.926	.932	.944	.965	29.998	.014	.009	29.993	.954	.924	.902	.898	.892	.906	.922	.945	.968	.985	.996	.993	.989	.953
„ 11, ...	.993	.982	.963	.964	.963	.975	.995	30.018	.041	.051	30.038	30.010	.974	.961	.961	.961	.973	.989	30.000	30.019	30.023	30.023	30.005	.995	.995
„ 12, ...	30.003	.989	.992	30.003	30.008	30.019	30.041	.069	.097	.104	.094	.060	30.035	30.011	.998	.995	30.005	30.010	.026	.039	.046	.061	.052	30.053	30.034
„ 13, ...	.056	30.048	30.036	.033	.038	.052	.068	.097	.122	.120	.108	.083	.058	.040	30.031	30.037	.045	.058	.070	.089	.097	.102	.106	.100	.071
„ 14, ...	.102	.107	.117	.132	.134	.156	.180	.203	.200	.184	.169	.151	.100	.088	.074	.077	.091	.098	.112	.124	.125	.126	.124	.113	.129
„ 15, ...	.107	.098	.090	.089	.083	.087	.099	.116	.143	.144	.140	.113	.078	.059	.052	.050	.060	.054	.069	.076	.090	.097	.096	.088	.091
„ 16, ...	.090	.080	.068	.062	.063	.072	.090	.106	.121	.117	.114	.090	.061	.043	.035	.042	.053	.073	.091	.106	.121	.131	.134	.127	.087
„ 17, ...	.117	.092	.093	.092	.101	.104	.119	.138	.163	.169	.168	.143	.097	.062	.049	.064	.074	.083	.097	.116	.128	.127	.128	.124	.110
„ 18, ...	.106	.094	.085	.069	.083	.096	.108	.123	.142	.138	.123	.092	.064	.035	.025	.024	.037	.055	.064	.075	.087	.087	.089	.085	.083
„ 19, ...	.083	.071	.066	.060	.067	.078	.092	.102	.105	.099	.083	.069	.039	.019	.003	29.997	.000	.011	.026	.042	.047	.043	.051	.044	.054
„ 20, ...	.039	.019	.016	29.993	29.982	29.996	.012	.020	.042	.037	.025	29.995	29.957	29.938	29.928	.928	29.933	29.937	29.950	29.951	29.960	29.961	29.970	29.966	29.981
„ 21, ...	29.967	29.964	29.957	.950	.958	.965	29.980	29.991	.010	.012	.000	.970	.947	.943	.930	.936	.940	.948	.964	.977	*.988	.993	.989	.983	.969
„ 22, ...	.986	.986	.981	.974	.971	.989	30.007	30.025	.038	.037	.021	.994	.952	.934	.934	.936	.952	.962	.976	.996	30.009	30.031	30.038	30.039	.990
„ 23, ...	30.035	30.040	30.041	30.037	30.048	30.054	.072	.099	.115	.122	.108	30.080	30.040	30.015	30.012	30.009	30.020	30.029	30.043	30.052	.061	.070	.068	.070	30.056
„ 24, ...	.071	.057	.050	.051	.066	.083	.085	.102	.117	.114	.100	.073	.030	.009	29.998	29.998	.004	.014	.031	.048	.060	.068	.071	.072	.057
„ 25, ...	.073	.070	.065	.076	.087	.100	.117	.129	.152	.148	.134	.109	.071	.053	30.046	30.038	.046	.049	.072	.094	.107	.118	.117	.114	.091
„ 26, ...	.118	.119	.119	.117	.121	.137	.152	.171	.186	.185	.176	.151	.122	.104	.104	.104	.122	.134	.149	.166	.175	.176	.176	.173	.144
„ 27, ...	.167	.151	.139	.134	.138	.146	.165	.187	.209	.204	.185	.152	.110	.066	.064	.076	.091	.099	.121	.133	.140	.142	.131	.120	.136
„ 28, ...	.108	.097	.088	.072	.073	.080	.092	.105	.108	.105	.089	.060	.023	29.998	29.983	29.981	29.987	29.996	.005	.018	.030	.035	.030	.015	.049
„ 29, ...	.014	29.989	29.977	29.962	29.945	29.950	29.955	29.971	29.997	29.995	29.983	29.955	29.916	.891	.892	.902	.906	.915	29.921	29.933	29.951	29.960	29.974	29.975	29.951
„ 30, ...	29.976	.974	.972	.970	.974	.985	30.011	30.038	30.065	30.071	30.059	30.036	30.008	30.006	30.019	30.046	30.082	30.112	30.133	30.149	30.182	30.197	30.209	30.215	30.062
„ 31, ...	30.225	30.226	30.230	30.234	30.241	30.251	.266	.282	.305	.300	.284	.250	.221	.199	.187	.188	.197	.218	.231	.243	.244	.243	.231	.226	.238
Hourly Means, ...	30.057	30.047	30.041	30.038	30.042	30.053	30.069	30.087	30.104	30.102	30.089	30.062	30.028	30.009	30.002	30.004	30.014	30.025	30.041	30.056	30.067	30.072	30.071	30.065	30.052

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF DECEMBER, 1887.

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,	63.0	62.2	62.2	62.4	62.7	62.6	63.3	64.4	66.6	68.6	68.7	69.3	69.8	69.7	70.2	68.8	66.9	66.7	66.6	67.3	66.9	66.6	66.2	66.3	66.2	70.2	61.8
„ 2,	66.3	65.9	65.5	64.7	64.7	65.5	64.8	67.7	69.6	70.2	71.9	71.3	71.6	70.7	70.3	65.9	63.7	63.7	63.8	64.1	64.5	65.8	66.3	65.6	66.8	72.4	63.7
„ 3,	64.7	63.6	60.4	60.4	60.2	61.5	59.6	59.4	58.7	59.1	59.9	60.8	62.4	63.9	64.8	66.4	66.1	64.6	65.5	65.5	64.6	63.7	65.7	64.5	62.7	66.5	58.7
„ 4,	63.8	63.4	63.2	62.8	61.7	61.4	61.1	63.2	64.5	66.3	67.7	68.7	69.1	69.0	68.9	68.4	67.5	64.6	63.0	62.7	62.3	61.7	61.2	60.7	64.5	69.7	60.4
„ 5,	60.2	60.5	60.8	58.5	58.1	59.3	60.4	61.8	63.6	64.4	64.6	64.8	64.4	63.7	64.4	64.0	63.4	63.4	63.4	63.3	63.2	62.8	62.7	62.6	62.4	64.8	57.5
„ 6,	62.4	62.7	61.7	61.4	59.8	59.1	58.6	62.8	64.9	66.1	67.4	67.7	67.8	68.9	68.5	69.0	66.8	66.3	65.0	65.5	67.5	63.8	62.9	62.2	64.5	69.4	58.5
„ 7,	61.6	61.7	66.6	67.2	66.9	66.1	65.3	67.4	69 8	71.0	71.7	72.9	73.5	71.3	71.6	70.0	68.6	65.6	65.2	63.0	63.6	63.9	62.1	61.5	67.0	73.5	61.3
„ 8,	62.3	62.3	63.3	63.6	63.0	62.5	62.5	64.8	66.6	67.6	67.9	68.7	68.1	67.5	66.7	66.6	66.3	65.6	64.6	64.1	64.4	63.1	63.3	63.3	64.9	68.7	61.5
„ 9,	63.9	64.1	64.9	64.8	65.0	65.2	65.2	66.6	67.7	68.4	68.4	69.9	69.6	68.7	68.2	67.5	66.8	65.9	66.3	66.8	65.5	65.2	64.4	64.5	66.4	69.9	63.3
„ 10,	64.0	63.4	64.5	64.2	64.5	64.0	64.1	66.7	69.4	70.5	70.8	72.8	72.1	72.6	71.1	69.6	68.5	67.5	66.8	66.1	66.6	66.3	65.9	65.9	67.4	72.8	63.2
„ 11,	66.6	65.7	67.1	67.6	69.2	69.3	69.6	70.8	69.9	69.3	69.1	68.3	68.7	68.3	68.1	68.1	67.8	67.7	67.5	67.8	67.1	66.4	66.3	65.7	68.0	70.8	65.7
„ 12,	65.5	65.2	65.2	64.8	64.7	65.2	64.7	65.4	65.7	66.8	66.5	68.5	67.6	67.5	67.0	66.4	65.9	65.9	65.9	65.7	65.6	65.7	66.0	66.2	66.0	68.5	64.6
„ 13,	66.4	66.9	66.3	66.4	66.3	66.3	67.2	67.8	68.7	69.5	69.7	70.8	69.6	69.1	68.6	68.4	67.6	67.6	67.6	67.7	67.7	67.2	67.0	66.4	67.8	70.8	66.1
„ 14,	66.6	68.5	66.7	64.5	62.6	60.8	59.7	59.9	62.1	64.1	65.5	65.6	65.7	65.8	64.4	63.5	61.5	60.9	60.6	60.5	59.6	59.5	61.5	59.2	62.9	68.5	59.2
„ 15,	59.9	60.2	59.0	58.6	58.2	58.3	56.8	58.6	59.2	59.7	60.6	61.2	61.7	62.1	60.8	60.5	60.6	60.5	60.4	60.9	61.1	60.3	59.5	60.5	60.0	62.1	56.2
„ 16,	60.4	59.7	59.6	60.4	60.2	60.3	61.7	63.5	64.9	66.5	68.1	68.8	70.9	70.8	66.8	66.2	64.9	64.5	64.6	64.7	64.5	63.9	63.5	63.5	64.3	70.9	59.4
„ 17,	62.9	62.6	63.4	62.7	60.9	60.6	60.8	62.6	64.3	64.8	65.7	66.9	66.7	66.1	65.3	64.7	64.1	63.7	62.9	62.8	62.7	62.6	62.4	62.5	63.5	66.9	60.3
„ 18,	62.3	62.9	61.3	61.2	61.5	60.9	61.8	62.7	65.2	65.8	67.1	66.6	65.8	66.9	66.2	65.5	64.4	64.2	64.2	63.8	63.8	63.6	63.4	63.3	63.9	67.1	60.1
„ 19,	62.7	62.8	62.0	61.5	60.6	60.5	60.6	61.7	61.7	62.2	63.3	63.1	64.6	62.8	61.9	61.4	61.0	60.7	60.8	60.9	60.8	60.8	60.7	60.8	61.7	64.6	60.5
„ 20,	60.5	60.2	60.1	59.7	59.0	59.4	59.5	60.6	62.2	62.6	63.1	63.5	63.2	62.7	62.8	62.1	61.8	61.4	60.8	61.1	60.7	61.0	61.3	60.2	61.2	63.5	59.0
„ 21,	59.3	61.0	61.0	60.7	61.0	61.0	60.7	62.4	63.8	64.6	66.1	66.4	65.7	65.1	64.8	65.5	64.1	63.5	63.4	62.9	62.8	62.9	62.1	62.2	63.0	66.4	59.3
„ 22,	62.7	63.2	63.2	62.5	62.3	63.3	63.6	65.6	67.4	70.8	69.7	70.9	70.5	69.3	69.1	68.7	66.7	65.5	65.9	66.0	64.0	64.3	64.5	62.2	65.9	71.6	62.2
„ 23,	61.1	60.4	60.4	59.6	58.9	58.2	57.8	59.8	61.5	61.4	62.5	63.3	62.6	62.9	62.1	61.1	60.8	60.5	60.5	59.7	59.3	59.6	59.1	60.7	60.6	63.4	57.7
„ 24,	58.9	59.6	59.1	58.2	56.7	56.5	58.2	59.7	60.6	61.4	62.4	64.2	63.8	65.1	64.8	64.6	63.1	61.8	61.4	60.4	61.4	60.5	60.6	60.2	61.0	65.8	56.3
„ 25,	62.0	62.0	61.7	61.4	61.4	60.0	57.9	60.3	62.5	64.2	66.0	66.7	66.3	66.5	66.1	66.5	66.2	65.5	64.9	62.5	62.7	61.8	60.9	60.8	63.2	67.0	57.7
„ 26,	60.1	59.5	58.7	58.5	57.4	57.3	57.0	59.2	62.0	63.4	64.5	66.4	64.8	65.1	64.1	63.2	61.7	61.8	61.3	60.2	60.1	59.3	58.3	59.3	61.0	66.4	57.0
„ 27,	59.4	59.2	58.9	58.7	58.2	58.0	56.6	58.8	60.7	62.9	64.4	65.7	65.4	66.2	65.7	64.1	62.8	62.2	63.1	62.5	62.2	62.3	62.2	60.5	61.7	66.4	56.0
„ 28,	60.4	60.0	59.3	60.1	59.9	59.5	58.8	60.0	62.5	64.4	65.5	66.2	67.0	66.3	65.3	64.8	63.9	62.2	61.3	60.5	60.1	60.3	60.3	60.4	62.0	67.1	58.3
„ 29,	60.3	60.2	60.0	59.1	58.9	59.1	59.1	60.5	60.6	61.1	63.3	63.5	62.9	62.7	62.4	61.8	61.5	61.7	62.3	62.5	62.9	63.0	63.8	64.0	61.6	64.0	58.8
„ 30,	64.6	64.2	64.5	65.3	65.7	64.2	64.7	64.0	67.7	69.6	70.3	70.5	70.5	68.9	67.9	64.7	61.5	59.3	57.8	56.7	55.7	54.3	51.8	51.0	63.1	70.8	50.9
„ 31,	50.2	49.7	47.4	46.4	45.6	45.4	45.6	47.3	48.9	50.6	52.2	54.2	55.4	54.8	55.2	54.9	54.0	51.7	52.1	52.1	51.8	50.7	49.5	49.9	50.6	55.6	44.8
Hourly Means,	62.1	62.0	61.9	61.5	61.2	61.0	60.9	62.5	64.0	65.1	66.0	66.7	66.7	66.5	65.9	65.3	64.2	63.4	63.2	62.9	62.8	62.4	62.1	61.8	63.4	67.6	59.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF DECEMBER, 1887.

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.	Sun.	Rad.
Dec. 1,	58.9	58.6	58.6	58.8	58.7	58.7	58.8	59.3	59.9	60.7	61.1	61.2	63.8	62.6	63.0	63.1	63.2	63.2	63.1	63.5	63.7	63.6	63.7	63.6	61.4	138.8	59.2
„ 2,	63.6	63.4	63.1	62.3	62.5	62.5	60.4	60.8	61.0	62.4	63.9	62.0	62.6	61.9	62.2	61.0	60.7	60.3	60.2	60.0	60.0	59.2	59.4	59.0	61.4	115.7	60.3
„ 3,	59.5	59.7	59.0	59.1	58.1	57.9	57.2	57.7	55.5	55.9	57.0	56.8	59.4	57.9	58.1	57.8	56.2	55.2	55.7	55.6	58.6	57.4	53.8	53.1	57.2	93.8	55.3
„ 4,	52.8	52.1	51.8	51.0	50.9	50.6	50.0	50.7	49.6	51.4	51.7	51.8	52.8	52.9	52.3	53.3	51.8	54.3	54.4	54.8	55.7	55.8	55.5	56.0	52.7	128.3	52.5
„ 5,	55.1	50.9	48.9	49.5	50.3	50.9	51.7	52.6	53.6	53.6	54.7	54.9	54.7	54.6	55.4	56.5	56.5	56.6	57.4	56.8	57.0	57.1	57.8	57.9	54.4	122.8	47.7
„ 6,	57.7	58.1	57.6	56.9	55.7	54.9	53.8	55.3	55.6	55.9	56.3	57.2	57.1	57.8	60.2	60.5	59.1	57.7	57.9	56.9	57.6	57.7	57.0	57.2	57.2	125.8	52.4
„ 7,	56.0	57.3	51.6	52.0	52.2	*51.2	50.3	51.8	53.1	54.6	54.9	55.9	56.8	57.0	59.9	60.1	59.6	59.2	57.3	58.8	58.1	55.8	56.3	56.2	55.7	130.1	51.4
„ 8,	56.4	57.3	57.7	57.6	57.6	56.7	56.8	56.7	56.7	58.0	59.6	56.7	57.8	56.3	56.8	56.9	56.8	57.1	57.3	57.9	59.2	59.5	59.8	59.9	57.6	125.7	52.3
„ 9,	60.4	60.5	60.4	60.6	60.7	60.7	61.0	61.8	62.1	62.0	62.4	62.7	62.5	61.8	61.8	62.0	62.0	61.8	62.0	62.2	61.6	62.9	62.4	62.4	61.7	137.4	53.7
„ 10,	61.8	61.2	61.5	61.5	61.9	61.5	61.6	63.1	62.2	62.6	64.2	65.0	64.9	64.5	64.0	63.9	64.0	64.0	63.8	63.2	62.9	63.1	63.0	62.1	63.0	127.7	61.4
„ 11,	62.2	61.4	59.6	59.1	58.8	*57.9	57.0	57.8	59.8	61.6	62.4	61.8	62.2	62.4	62.7	62.0	62.3	63.0	62.9	63.3	63.1	62.9	62.7	62.6	61.3	132.3	56.8
„ 12,	61.9	61.6	61.5	61.0	60.6	60.6	60.4	60.9	60.8	61.3	62.6	62.2	62.0	62.2	61.6	62.2	62.2	62.7	62.8	63.0	62.9	63.1	63.1	63.4	61.9	121.4	62.7
„ 13,	63.5	63.3	62.3	62.5	62.3	61.9	62.0	62.4	62.3	62.9	64.2	63.7	63.0	64.0	63.6	64.0	64.4	64.1	64.2	64.3	63.9	63.3	63.1	63.3	63.3	99.0	63.7
„ 14,	63.3	58.2	*56.8	*55.3	*53.9	*52.5	51.1	51.2	53.1	53.7	55.5	54.3	56.6	54.3	53.8	53.1	53.0	52.0	51.8	51.8	50.9	51.4	51.2	51.3	53.8	131.4	56.4
„ 15,	49.8	50.5	49.8	49.8	48.8	50.3	48.1	50.0	50.5	50.1	52.3	51.5	52.0	51.1	51.9	51.5	51.7	51.8	51.6	52.3	52.2	52.5	52.5	53.9	51.1	88.2	51.6
„ 16,	52.8	52.2	51.5	51.1	51.8	52.3	52.5	53.3	54.7	55.3	56.5	58.8	60.1	58.1	57.5	57.3	58.4	58.5	58.6	58.7	59.1	59.8	60.5	60.6	56.2	132.2	58.6
„ 17,	60.3	59.9	59.8	59.4	54.5	50.7	49.0	50.9	51.7	51.9	56.7	56.3	56.4	56.6	57.0	57.2	57.0	57.5	57.8	58.3	58.1	58.9	59.0	58.8	56.4	128.2	56.8
„ 18,	58.5	57.8	56.3	54.6	50.2	48.1	48.3	49.9	50.8	52.1	53.9	55.4	56.1	57.3	56.2	57.7	56.8	56.9	57.5	57.4	58.4	58.6	58.1	57.7	55.2	123.0	49.3
„ 19,	57.6	56.8	55.9	55.5	54.3	54.0	53.8	55.0	53.8	55.2	56.6	55.2	55.0	55.0	55.2	54.8	55.2	55.1	55.8	55.8	56.0	56.4	56.2	55.9	55.4	118.6	58.0
„ 20,	56.0	55.8	55.9	55.2	55.0	55.2	55.2	56.0	56.6	56.9	57.5	57.2	57.4	55.9	55.7	55.2	56.2	55.4	55.6	56.0	55.8	56.0	56.3	55.8	56.0	127.7	58.0
„ 21,	56.3	57.2	57.3	57.4	57.4	57.4	57.0	58.2	59.2	59.4	60.7	60.0	60.5	60.0	59.9	60.6	60.2	60.2	60.5	60.3	60.1	60.0	59.7	60.0	59.1	130.9	58.5
„ 22,	60.2	60.6	60.7	60.3	60.2	60.5	61.0	61.5	62.1	62.9	62.6	62.0	63.8	63.0	63.1	61.9	61.1	60.8	61.2	61.3	56.1	56.4	55.8	55.6	60.6	129.8	57.9
„ 23,	56.4	55.0	53.9	54.5	53.1	54.0	53.5	54.2	55.8	55.0	56.7	56.1	56.8	56.8	55.9	54.7	55.2	55.6	54.8	54.1	54.4	54.8	55.6	56.2	55.1	134.2	54.7
„ 24,	55.3	55.0	55.1	55.0	53.2	53.5	53.0	54.1	54.2	55.6	56.2	57.0	57.0	57.6	58.1	57.1	56.8	56.9	57.2	55.8	57.0	57.1	56.8	56.7	55.9	123.7	50.8
„ 25,	57.0	57.2	57.2	56.9	56.9	56.3	54.0	53.4	52.6	52.3	54.2	55.6	53.7	53.8	54.1	56.0	55.4	50.0	48.8	51.4	49.1	47.6	48.1	49.2	53.4	124.3	50.5
„ 26,	46.6	46.1	*45.9	*45.7	*45.5	*45.3	45.1	46.7	48.6	50.2	50.8	51.7	51.0	51.3	53.1	52.1	51.8	53.2	53.3	53.0	53.9	54.6	54.2	51.9	50.1	124.8	48.7
„ 27,	49.2	46.1	45.7	46.1	44.7	44.0	44.5	46.3	48.1	50.0	51.7	50.9	50.7	52.2	52.1	54.1	51.9	51.5	49.2	48.7	46.8	47.2	47.2	46.1	48.5	125.0	47.7
„ 28,	45.8	45.6	45.7	44.8	*44.4	*44.0	43.7	44.3	45.0	46.7	50.8	50.8	51.4	48.6	50.2	50.2	51.5	52.1	53.9	55.6	54.7	55.0	55.2	54.6	49.4	127.3	48.5
„ 29,	54.7	55.0	55.3	55.3	55.1	54.9	54.9	56.2	55.5	55.9	57.9	57.9	58.9	57.1	58.4	57.7	57.6	57.2	57.5	58.0	57.8	58.2	58.8	59.0	56.9	128.4	54.3
„ 30,	60.0	60.3	59.9	59.1	59.9	59.6	60.0	60.2	60.9	60.9	62.1	60.8	58.2	54.5	53.4	50.9	49.3	47.0	45.8	45.0	44.8	43.9	42.4	43.2	54.3	128.3	53.8
„ 31,	41.7	40.3	38.6	37.4	37.3	36.6	36.2	36.6	36.2	37.0	38.9	40.0	41.0	40.2	39.8	40.0	38.7	37.9	38.0	38.1	37.9	37.3	36.9	37.2	38.3	119.3	42.8
Hourly Means,	56.5	56.0	55.3	55.0	54.4	54.0	53.6	54.5	54.9	55.6	57.0	56.9	57.3	56.8	57.0	56.9	56.7	56.4	56.4	56.5	56.4	56.4	56.2	56.1	56.0	124.0	54.4

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF DECEMBER, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	69	0.391	Dec. 1,.....	74	0.481
2 „	67	.378	„ 2,.....	71	.474
3 „	63	.358	„ 3,.....	69	.397
4 „	63	.355	„ 4,.....	40	.244
5 „	61	.342	„ 5,.....	56	.319
6 „	60	.333	„ 6,.....	61	.373
7 „	59	.323	„ 7,.....	45	.296
8 „	56	.327	„ 8,.....	62	.380
9 „	53	.319	„ 9,.....	75	.489
10 „	52	.325	„ 10,.....	77	.518
11 „	54	.354	„ 11,.....	66	.454
Noon.	51	.341	„ 12,.....	79	.501
1 p	52	.354	„ 13,.....	77	.523
2 „	51	.341	„ 14,.....	52	.296
3 „	54	.355	„ 15,.....	49	.259
4 „	56	.360	„ 16,.....	58	.346
5 „	60	.369	„ 17,.....	62	.363
6 „	62	.371	„ 18,.....	54	.322
7 „	63	.373	„ 19,.....	64	.357
8 „	64	.380	„ 20,.....	70	.381
9 „	64	.379	„ 21,.....	78	.451
10 „	67	.384	„ 22,.....	72	.460
11 „	67	.383	„ 23,.....	68	.363
Midt.	68	.383	„ 24,.....	71	.381
			„ 25,.....	48	.280
			„ 26,.....	40	.220
			„ 27,.....	30	.168
			„ 28,.....	33	.188
			„ 29,.....	73	.403
			„ 30,.....	53	.307
			„ 31,.....	19	.072
Mean, ...	60	0.357	Mean,.....	60	0.357

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1887.														
Dec. 1,	...	...	...	...	0.1	0.6	0.5	1.0	0.7	0.6	0.2	...	...	3.7
„ 2,	...	...	0.3	0.2	...	...	...	...	...	...	...	...	...	0.5
„ 3,	...	...	...	...	...	...	...	...	...	0.1	0.1	0.5	...	0.7
„ 4,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 5,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.0
„ 6,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 7,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 8,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 9,	...	0.2	1.0	0.8	1.0	1.0	0.8	0.9	0.8	1.0	1.0	0.5	...	9.0
„ 10,	...	0.1	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.4
„ 11,	...	0.5	1.0	1.0	1.0	1.0	0.8	0.4	0.1	...	0.3	...	...	6.1
„ 12,	...	...	...	...	...	...	0.2	...	...	0.4	0.2	...	...	0.8
„ 13,	...	...	0.1	...	0.1	...	...	...	...	...	0.2	0.4	...	0.8
„ 14,	...	...	...	0.5	0.9	0.8	0.5	...	0.5	0.5	0.4	...	...	4.1
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	0.1	0.2	0.7	1.0	0.5	0.7	0.6	0.2	...	4.0
„ 17,	...	0.1	1.0	1.0	1.0	1.0	0.9	1.0	0.5	0.1	0.1	...	...	6.7
„ 18,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	...	9.5
„ 19,	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
„ 20,	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.0
„ 21,	...	...	0.5	...	...	0.8	0.9	1.0	1.0	1.0	1.0	0.4	...	6.6
„ 22,	...	0.1	0.7	1.0	1.0	0.8	0.8	0.5	1.0	1.0	1.0	...	...	7.9
„ 23,	...	...	...	...	...	...	0.5	0.8	0.3	...	0.5	...	...	2.1
„ 24,	...	...	...	...	...	0.1	0.8	1.0	1.0	1.0	0.9	0.4	...	5.2
„ 25,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 26,	...	0.1	0.9	0.7	0.9	0.3	0.2	1.0	1.0	1.0	0.8	0.1	...	7.0
„ 27,	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
„ 28,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.1
„ 29,	...	...	1.0	0.5	0.6	0.8	0.8	0.9	0.7	...	...	...	...	5.3
„ 30,	...	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	...	8.2
„ 31,	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.4
Sums,.....	...	5.6	18.9	19.4	20.7	21.4	22.4	23.5	22.1	21.4	21.2	7.6	...	204.2
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF DECEMBER, 1887.

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.
Dec. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005	...	...	...	...	...	...	...	...	0·005
„ 3,	...	0·045	0·140	0·095	0·035	0·110	0·085	0·125	0·070	0·065	0·020	0·030	0·010	...	...	...	...	...	...	...	...	...	...	...	0.830
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	0·005	0·005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0·005
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	0·045	0·145	0·100	0·035	0·110	0·085	0·125	0·070	0·065	0·020	0·030	0·010	...	...	0·005	...	...	...	...	...	...	...	0·005	0·850

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF DECEMBER, 1887.

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.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
Dec. 1,	4	14	6	13	6	16	6	13	5	15	6	19	5	19	4	17	6	18	5	15	5	16	7	16	9	16	8	15	8	12	9	12	10	13	8	13	7	11	7	9	7	7	7	8	7	6	6	8	321	13.4
" 2,	6	7	4	5	3	3	32	5	32	3	32	4	1	5	1	4	31	8	28	6	32	8	32	8	32	8	32	6	1	7	32	17	32	15	1	17	1	17	2	16	1	17	3	17	3	17	1	15	235	9.8
" 3,	32	5	1	8	31	6	29	5	31	5	1	8	32	10	32	5	1	17	32	7	1	7	32	6	31	6	1	9	1	10	1	11	1	10	1	7	3	3	6	2	6	3	10	4	2	14	2	12	180	7.5
" 4,	32	15	32	20	32	24	32	26	32	24	32	26	1	24	1	25	2	25	1	21	1	19	1	14	3	8	7	10	32	6	2	6	1	5	...	1	6	5	9	8	8	4	6	5	...	0	...	1	322	13.4
" 5,	6	2	1	9	1	11	1	3	3	4	4	10	4	12	4	13	7	16	7	24	7	22	8	24	7	25	7	21	7	19	8	18	7	18	7	18	7	15	7	14	6	15	6	16	7	20	7	21	370	15.4
" 6,	7	19	5	14	4	13	5	12	4	5	4	3	3	3	3	4	7	7	11	6	14	5	23	7	24	9	23	10	22	14	21	13	22	11	24	7	18	2	...	1	...	1	...	1	...	1	...	1	169	7.0
" 7,	...	1	14	3	2	14	3	19	2	15	32	22	32	19	32	14	3	5	8	5	10	5	11	9	14	4	24	7	25	5	25	7	26	3	1	3	...	0	...	1	9	4	13	6	9	6	9	7	184	7.7
" 8,	8	8	8	9	6	10	5	11	6	9	6	5	10	2	9	7	8	15	8	19	8	15	8	17	9	23	10	19	9	18	8	17	8	17	7	11	7	10	6	6	6	6	7	4	13	2	13	3	263	11.0
" 9,	10	6	6	7	6	11	6	7	6	8	6	11	7	13	7	16	7	15	8	24	8	21	7	22	8	23	8	24	9	25	8	21	8	14	9	12	9	10	11	9	10	11	9	10	9	12	9	9	341	14.2
" 10,	12	4	...	1	...	1	...	0	...	0	...	1	...	1	12	2	12	3	11	4	24	6	23	9	24	8	23	6	8	11	8	12	6	7	31	5	...	1	6	5	9	9	10	8	13	5	12	6	115	4.8
" 11,	12	6	10	3	7	16	7	17	6	27	7	26	6	24	7	26	8	29	7	33	8	27	8	31	8	27	9	33	8	29	7	28	7	27	7	26	7	29	6	29	7	33	7	31	6	31	7	31	619	25.8
" 12,	7	30	7	26	7	23	7	25	7	23	6	24	7	18	7	20	7	23	6	23	7	23	7	23	8	22	8	21	8	20	9	21	9	21	10	17	8	20	8	20	8	19	8	15	7	12	7	12	501	20.9
" 13,	7	15	6	12	7	13	8	19	8	18	7	16	6	10	7	11	7	21	7	23	7	21	8	22	7	23	7	19	8	16	8	14	9	14	8	13	9	16	9	13	8	16	8	11	7	6	29	4	366	15.2
" 14,	17	4	1	16	2	15	1	18	1	18	1	21	32	36	32	15	32	13	30	15	31	15	32	18	31	22	31	15	1	9	1	13	2	14	2	11	2	15	1	12	32	13	1	15	1	13	32	6	362	15.1
" 15,	1	6	1	11	32	10	1	9	2	11	32	8	32	8	3	7	3	5	5	9	1	8	32	6	1	7	8	3	10	11	8	7	6	6	4	4	1	5	9	12	3	8	32	4	1	4	6	6	175	7.3
" 16,	31	8	32	9	1	8	1	5	3	4	2	2	32	8	3	2	4	3	1	10	32	5	12	5	12	8	11	10	8	15	8	13	8	13	9	12	7	9	7	12	7	10	7	10	7	12	6	13	206	8.6
" 17,	7	14	6	11	4	10	5	10	32	8	32	14	32	11	1	5	6	12	5	11	10	11	10	12	9	14	10	15	8	16	8	10	9	12	7	9	8	10	8	7	8	10	6	13	7	10	5	7	262	10.9
" 18,	5	7	5	6	2	3	5	4	1	4	31	4	1	4	6	4	5	6	6	8	10	11	10	18	10	21	9	19	10	21	8	19	8	19	7	16	6	14	7	16	7	19	7	20	7	21	7	20	304	12.7
" 19,	7	21	7	22	7	25	7	25	7	22	7	24	7	22	6	22	7	26	7	28	8	24	6	22	7	19	10	24	10	23	8	21	7	18	7	17	7	14	7	15	7	14	7	16	7	14	7	14	490	20.4
" 20,	7	17	7	16	6	18	7	20	7	17	6	16	6	16	5	14	7	16	8	17	9	19	10	18	9	18	9	21	9	19	10	17	9	18	8	13	8	10	7	11	7	9	7	9	7	7	8	4	360	15.0
" 21,	9	4	6	5	7	7	7	10	9	12	7	17	7	17	8	17	7	17	7	21	7	19	7	18	9	22	10	21	7	15	7	19	8	22	9	22	7	16	8	16	7	14	6	15	8	16	8	15	377	15.7
" 22,	9	12	10	11	10	12	9	3	8	5	6	5	6	4	7	2	7	2	10	3	10	9	10	7	24	10	25	10	24	13	23	9	22	13	22	12	24	10	3	7	2	3	1	2	2	6	29	3	173	7.2
" 23,	31	3	31	7	1	7	1	5	32	13	2	5	30	3	32	7	3	4	32	8	8	12	5	10	5	8	8	15	8	11	3	6	32	8	1	7	6	2	1	5	1	5	1	5	6	5	5	9	170	7.1
" 24,	4	4	3	8	4	11	7	8	32	7	32	4	2	8	2	4	3	5	6	10	8	10	8	13	10	12	11	8	8	7	23	6	23	10	24	6	25	5	26	4	26	2	...	1	...	1	6	10	164	6.8
" 25,	4	13	5	13	5	18	5	15	4	15	5	12	1	10	32	8	32	10	1	11	12	4	22	4	25	8	24	12	23	11	21	10	22	6	31	6	32	2	32	2	3	9	32	9	32	8	3	10	226	9.4
" 26,	1	14	1	17	1	17	1	21	2	17	1	12	1	11	32	10	3	5	32	4	16	5	6	12	6	13	8	16	9	17	8	18	8	15	8	9	7	7	7	5	9	3	8	2	7	2	4	6	258	10.8
" 27,	1	13	1	18	1	14	1	10	2	10	1	9	1	4	1	10	32	12	32	16	32	12	13	6	22	6	13	8	26	9	23	15	28	11	30	10	31	2	...	1	3	8	2	12	1	12	32	10	238	9.9
" 28,	32	9	32	9	31	10	32	18	1	17	32	22	32	21	32	18	1	10	5	13	5	18	7	19	6	16	7	18	7	17	8	14	11	14	8	16	7	12	7	12	7	11	6	10	6	14	6	15	353	14.7
" 29,	7	15	6	18	6	16	7	15	7	20	7	24	7	25	7	26	7	26	7	24	7	22	8	19	9	26	9	23	7	20	8	20	8	20	8	20	7	17	7	17	8	16	8	15	9	14	7	13	471	19.6
" 30,	8	11	5	2	5	3	2	8	2	8	...	1	26	2	25	2	2	7	1	16	32	17	32	15	2	20	2	22	1	25	2	22	2	18	2	18	2	24	1	21	4	5	2	15	32	12	6	11	305	12.7
" 31,	2	12	1	15	2	13	32	8	30	7	1	10	1	19	1	19	1	24	1	25	1	22	1	20	2	18	2	18	2	16	1	15	1	15	1	14	1	14	1	12	32	11	32	10	32	9	32	8	354	14.7
Sums,	...	319	...	344	...	376	...	374	...	371	...	385	...	389	...	356	...	405	...	459	...	438	...	450	...	470	...	478	...	467	...	451	...	427	...	372	...	327	...	320	...	315	...	319	...	312	...	310	9234	384.7
Hourly Means,	...	10.3	...	11.1	...	12.1	...	12.1	...	12.0	...	12.4	...	12.5	...	11.5	...	13.1	...	14.8	...	14.1	...	14.5	...	15.2	...	15.4	...	15.1	...	14.5	...	13.8	...	12.0	...	10.5	...	10.3	...	10.2	...	10.3	...	10.1	...	10.0	297.9	12.4

Owing to stoppage of clock the Direction and Velocity on 31st from 11 a. to midnight inclusive are entered from estimations.

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR DECEMBER, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.6	7.0	0.4	0.0	+3.2	+ 7.0	E 25° N
2 „	6.3	5.7	0.2	0.0	6.1	5.7	E 47° N
3 „	6.8	6.7	0.1	0.0	6.7	6.7	E 45° N
4 „	6.3	6.8	0.0	0.1	6.3	6.7	E 43° N
5 „	6.5	6.6	0.0	0.1	6.5	6.6	E 45° N
6 „	6.9	6.3	0.0	0.0	6.9	6.3	E 48° N
7 „	7.8	5.5	0.0	0.1	7.8	5.4	E 55° N
8 „	6.2	6.1	0.0	0.1	6.2	6.1	E 45° N
9 „	5.0	8.9	0.1	0.0	4.9	8.9	E 29° N
10 „	5.9	9.5	0.3	0.3	5.6	9.3	E 31° N
11 „	4.4	9.5	0.8	0.2	3.6	9.3	E 21° N
Noon.	3.4	10.4	1.1	0.6	2.3	9.7	E 13° N
1 p.	3.1	11.0	0.7	1.3	2.4	9.7	E 14° N
2 „	2.1	11.5	1.5	1.5	0.6	10.1	E 3° N
3 „	2.4	10.9	0.8	1.6	1.6	9.4	E 10° N
4 „	2.7	10.1	0.7	1.7	2.0	8.4	E 13° N
5 „	3.0	9.4	0.8	1.5	2.2	7.9	E 16° N
6 „	3.1	8.2	0.3	0.9	2.7	7.3	E 20° N
7 „	2.7	7.7	0.1	0.5	2.6	7.2	E 20° N
8 „	2.8	7.7	0.2	0.1	2.6	7.6	E 19° N
9 „	2.5	8.1	0.1	0.1	2.4	8.0	E 17° N
10 „	3.2	7.6	0.3	0.0	3.0	7.6	E 22° N
11 „	3.4	7.2	0.2	0.0	3.2	7.2	E 24° N
Midt.	3.2	7.5	0.2	0.2	+3.0	+ 7.3	E 22° N
Mean,.....	4.3	8.2	0.4	0.5	+3.9	+ 7.7	E 27° N

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Dec. 1,.....	...	...	3	E	5	3	E	4	3	ENE	4	3
„ 2,.....	...	...	1	ENE	3	1	ENE	4	2	NE	5	2
„ 3,.....	...	...	1	NE	5	1	NE	4	2	NE	4	1
„ 4,.....	...	...	1	NE	4	2	NE	3	1	NE	3	1
„ 5,.....	...	...	1	E	5	4	E	4	3	E	5	3
„ 6,.....	...	...	2	E	4	2	E	3	1	E	2	1
„ 7,.....	...	...	2	ENE	5	1	E	3	1	E	4	1
„ 8,.....	...	...	1	E	4	1	E	4	2	E	5	2
„ 9,.....	...	...	2	E	4	3	E	4	2	E	3	1
„ 10,.....	...	...	1	ENE	3	1	ENE	4	1	ENE	4	1
„ 11,.....	...	...	3	E	6	4	E	6	5	E	6	4
„ 12,.....	...	...	3	E	6	3	E	4	3	ENE	4	2
„ 13,.....	...	...	2	E	5	3	E	4	2	NE	6	1
„ 14,.....	...	...	3	NE	5	3	NE	6	2	NE	5	3
„ 15,.....	...	...	2	ENE	5	3	ENE	3	2	NE	3	3
„ 16,.....	...	...	1	NE	4	1	NE	3	1	NNE	4	2
„ 17,.....	...	...	1	NE	4	3	E	3	2	E	4	2
„ 18,.....	...	...	2	ENE	4	2	E	4	2	E	5	3
„ 19,.....	...	...	4	E	6	4	E	5	3	E	5	4
„ 20,.....	...	...	2	E	4	2	E	3	2	E	3	2
„ 21,.....	...	...	2	E	5	2	E	4	2	E	5	2
„ 22,.....	...	...	1	E	4	1	E	3	1	E	4	1
„ 23,.....	...	...	2	ENE	4	2	ENE	3	2	ENE	4	1
„ 24,.....	...	...	2	E	4	2	E	3	1	NNE	4	1
„ 25,.....	...	...	1	ENE	3	1	ENE	4	1	N	4	1
„ 26,.....	...	...	2	ENE	4	1	E	3	3	E	3	1
„ 27,.....	...	...	1	NE	4	1	NE	4	1	NNW	4	1
„ 28,.....	...	...	2	ENE	5	1	E	4	2	E	5	2
„ 29,.....	...	...	3	E	6	3	E	5	3	E	5	2
„ 30,.....	...	...	2	NE	4	2	N	5	2	N	5	3
„ 31,.....	...	...	4	NNE	5	4	NE	4	4	NE	5	3
Mean,.....	...	...	1.9	E 17° N	4.5	2.2	E 15° N	3.9	2.1	E 25° N	4.3	1.9

TABLE X.
VICTORIA PEAK.

Date.	Barometer.			Temperature.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
Dec. 1,.....	28.245	28.186	28.210	59.1	63.1	59.0	134.3	64.9	53.2	52.4
„ 2,.....	.234	.190	.173	61.0	62.1	58.2	122.2	63.5	54.3	54.3
„ 3,.....	.265	.203	.218	57.2	57.4	55.7	91.7	61.2	53.2	52.3
„ 4,.....	.300	.259	.282	58.8	62.8	58.2	120.3	60.2	54.9	51.7
„ 5,.....	.318	.239	.282	57.7	56.4	58.8	116.0	64.2	52.2	47.6
„ 6,.....	.344	.263	.348	58.2	62.5	59.1	118.9	63.6	53.3	50.3
„ 7,.....	.344	.272	.249	60.7	65.7	62.2	122.2	66.2	56.3	53.3
„ 8,.....	.313	.236	.228	62.2	64.1	59.0	120.3	64.3	54.2	52.4
„ 9,.....	.248	.186	.227	62.0	64.4	60.8	132.2	65.2	57.7	54.6
„ 10,.....	.241	.181	.203	63.7	68.2	65.8	127.0	68.2	59.3	53.0
„ 11,.....	.249	.192	.208	62.7	62.5	58.5	123.3	65.8	57.5	55.3
„ 12,.....	.296	.254	.279	59.2	62.2	61.1	127.7	65.9	56.5	56.7
„ 13,.....	.304	.283	.325	63.7	62.7	57.5	125.5	63.7	57.5	50.3
„ 14,.....	.383	.311	.310	57.9	58.7	55.2	121.1	61.1	54.3	46.6
„ 15,.....	.325	.265	.259	53.5	55.8	54.2	82.5	58.3	53.2	49.3
„ 16,.....	.332	.274	.275	57.2	61.4	58.0	131.8	63.2	54.1	53.3
„ 17,.....	.296	.305	.315	56.7	59.2	54.1	121.4	63.9	53.9	46.8
„ 18,.....	.338	.284	.322	59.1	61.8	56.8	119.4	62.6	52.5	49.7
„ 19,.....	.300	.224	.269	56.7	57.7	53.7	113.0	61.5	53.3	50.4
„ 20,.....	.248	.179	.204	56.1	60.1	54.2	113.8	60.2	51.9	51.0
„ 21,.....	.218	.184	.202	56.3	60.7	54.6	128.0	61.2	54.2	53.3
„ 22,.....	.268	.196	.215	61.7	64.8	55.0	118.9	64.9	54.6	51.8
„ 23,.....	.313	.228	.257	56.1	59.0	54.8	116.0	63.2	54.7	50.4
„ 24,.....	.305	.229	.265	55.4	59.4	56.8	118.9	61.2	54.3	52.4
„ 25,.....	.343	.289	.275	57.1	60.1	56.2	114.8	62.1	55.2	50.4
„ 26,.....	.330	.300	.296	57.8	59.8	57.1	122.2	59.9	52.5	49.3
„ 27,.....	.388	.291	.287	55.3	59.2	54.8	123.3	59.3	49.2	48.8
„ 28,.....	.310	.221	.216	55.7	59.8	52.8	120.0	60.1	52.6	47.3
„ 29,.....	.192	.128	.172	55.2	55.9	53.4	125.5	60.1	52.2	48.3
„ 30,.....	.287	.264	.253	61.2	61.1	56.8	120.4	63.9	53.4	54.3
„ 31,.....	.376	.274	.341	49.9	53.8	46.2	110.1	58.9	44.2	41.3
Mean,.....	28.298	28.238	28.257	58.2	60.7	56.7	119.4	62.9	53.9	50.9

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

Date. 1887.	Relative Humidity.						Tension of Aqueous Vapour.					
	Observatory.			Victoria Peak.			Observatory.			Victoria Peak.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Dec. 1,.....	61	71	84	85	82	93	0.427	0.503	0.550	0.426	0.475	0.465
„ 2,.....	62	74	66	85	85	95	.461	.472	.417	.458	.475	.463
„ 3,.....	81	57	66	92	84	80	.406	.366	.390	.430	.399	.357
„ 4,.....	28	30	67	55	52	58	.184	.208	.369	.277	.299	.283
„ 5,.....	45	60	68	66	75	48	.270	.359	.393	.316	.340	.240
„ 6,.....	49	58	67	72	67	49	.313	.415	.397	.353	.384	.245
„ 7,.....	28	53	58	51	51	56	.210	.389	.339	.271	.323	.318
„ 8,.....	53	51	80	69	61	63	.356	.335	.463	.388	.367	.316
„ 9,.....	68	72	88	74	83	78	.471	.484	.544	.411	.502	.417
„ 10,.....	62	72	83	78	76	69	.463	.519	.536	.461	.529	.441
„ 11,.....	62	69	81	70	69	57	.447	.476	.528	.401	.392	.280
„ 12,.....	71	78	86	90	85	88	.471	.505	.545	.454	.477	.475
„ 13,.....	68	77	79	79	88	56	.487	.538	.532	.467	.501	.267
„ 14,.....	46	45	53	67	60	60	.276	.267	.274	.324	.296	.262
„ 15,.....	46	50	56	69	64	65	.236	.263	.293	.283	.285	.274
„ 16,.....	44	54	78	73	73	77	.290	.354	.461	.341	.398	.375
„ 17,.....	35	60	79	70	78	69	.218	.370	.450	.324	.397	.291
„ 18,.....	33	60	73	54	66	65	.210	.375	.428	.271	.364	.301
„ 19,.....	61	63	74	77	75	82	.344	.344	.398	.356	.359	.339
„ 20,.....	68	61	71	84	74	71	.390	.346	.384	.379	.385	.300
„ 21,.....	72	74	84	95	89	89	.439	.466	.480	.432	.475	.381
„ 22,.....	62	66	58	88	84	75	.469	.464	.352	.486	.516	.326
„ 23,.....	64	64	72	85	76	70	.349	.345	.367	.382	.379	.302
„ 24,.....	68	60	80	85	78	81	.367	.369	.423	.374	.397	.374
„ 25,.....	39	48	26	69	60	49	.237	.311	.144	.324	.311	.222
„ 26,.....	32	42	72	47	59	56	.190	.244	.366	.227	.306	.261
„ 27,.....	33	48	23	55	54	56	.191	.287	.127	.241	.272	.239
„ 28,.....	15	28	69	58	38	63	.087	.172	.364	.256	.195	.250
„ 29,.....	70	77	73	88	86	84	.380	.424	.423	.385	.384	.343
„ 30,.....	58	31	36	79	54	52	.420	.191	.152	.429	.290	.240
„ 31,.....	12	12	12	40	39	43	.044	.053	.049	.140	.159	.136
Mean, ...	51	57	67	73	70	68	0.326	0.362	0.385	0.357	0.375	0.316

TABLE XII.

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
1887.												
Dec. 1, ...	10	cum.	E	10	cum.	E	10	str. / cum.	W / E	10	str-cum.	SSE
„ 2, ...	8	sm-cum.	SW	10	cum.	SSW	8	R-cum.	SSW	10	str-cum.	ESE
„ 3, ...	10	nim.	N	10	nim.	NNE	10	nim.	NE	10	nim.	NNE
„ 4, ...	0	...	...	0	...	...	1	c-str.	...	0	...	...
„ 5, ...	1	cum.	E	0	...	...	0	...	...	0	...	...
„ 6, ...	1	cum.	E	0	...	...	0	...	...	0	...	...
„ 7, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 8, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 9, ...	2	cum.	S	6	cum.	S	5	cum. / R-cum.	S / E	3	cum.	S
„ 10, ...	0	...	...	10	cum.	NE	3	c-str. / str.	W /	1	c-cum.	...
„ 11, ...	0	...	...	2	cum.	ENE	0	...	...	1	cum.	E
„ 12, ...	10	cum.	ENE	10	cum.	ENE	10	R-cum. / cum.	SE / ENE	8	cum. / cum.	SE / E
„ 13, ...	9	cum.	ESE	8	cum.	ESE	10	R-cum.	E	9	str-cum.	ESE
„ 14, ...	8	cum.	NE	10	sm-cum.	W	9	sm-cum.	WSW	7	sm-cum.	SSE
„ 15, ...	8	cum.	E	10	nim.	E	10	str.	ESE	10	str.	S
„ 16, ...	9	str-cum.	ESE	9	str-cum.	...	10	str-cum.	SW	8	c-str. / cum. / cum.	.... / SW / ENE
„ 17, ...	4	sm-cum.	WSW	8	sm-cum.	WSW	9	sm-cum.	W	2	sm-cum.	WSW
„ 18, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 19, ...	10	cum.	...	6	cum.	...	1	cum.	...	1	sm-cum.	W
„ 20, ...	3	cum.	ENE	2	sm-cum.	WNW	2	sm-cum. / cum.	W / ENE	2	sm-cum. / cum.	W / ENE
„ 21, ...	3	cum.	E	5	sm-cum.	W	6	sm-cum. / cum.	WSW / E	9	sm-cum.	WSW
„ 22, ...	0	...	...	0	...	...	8	cum.	NNW	2	sm-cum. / cum-str.	W / W
„ 23, ...	8	nim.	W	10	cum.	W	10	str.	WSW	10	str. / cum.	NW / E
„ 24, ...	10	cum.	ENE	10	cum.	NE	10	str.	NNE	10	sm-cum.	N
„ 25, ...	2	cum.	NW	10	cum.	NW	10	sm-cum.	NNW	0	...	...
„ 26, ...	0	...	...	0	...	...	2	sm-cum.	SSW	4	sm-cum.	SSW
„ 27, ...	0	...	...	0	...	...	1	c-str.	...	0	...	...
„ 28, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 29, ...	0	...	...	2	cum.	SE	4	cum.	SSE	6	R-cum.	SSE
„ 30, ...	10	cum.	NE	10	cum.	...	5	cum.	S	2	c-cum. / cum.	W / NNE
„ 31, ...	0	...	...	0	...	...	2	sm-cum.	W	0	...	...
Mean, ...	4.1	...	...	5.1	...	...	5.0	...	...	4.0	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Dec. 1,.....	7	str-cum.	SSE	7	sm-cum.	S	10	cum.	...	9	sm-cum.	...	9.1
„ 2,.....	10	str-cum.	SSE	10	nim.	NNE	10	nim.	...	10	cum-nim.	N NE	9.5
„ 3,.....	10	nim.	SSW	9	sm-cum. / cum.	SW	7	str.	WSW	4	str.	W	8.7
„ 4,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 5,.....	0	...	...	0	...	...	0	...	...	1	cum.	E	0.3
„ 6,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 7,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 8,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 9,.....	4	cum.	SSW	1	c-str. / sm-cum.	...	1	str.	...	0	...	...	2.7
„ 10,.....	0	...	...	0	...	...	0	...	...	0	...	...	1.8
„ 11,.....	9	cum.	...	10	sm-cum. / cum.	...	10	cum.	ENE	10	cum. / cum.	ENE	5.2
„ 12,.....	10	sm-cum. / cum.	E	10	sm-cum. / cum.	ENE	10	cum.	...	10	R-cum.	E	9.8
„ 13,.....	10	sm-cum. / R-cum.	E	9	c-str. / sm-cum.	WNW / E	10	cum.	...	10	cum.	E	9.4
„ 14,.....	8	sm-cum.	SE	10	sm-cum.	WSW	10	sm-cum.	WSW	10	cum.	...	9.0
„ 15,.....	10	str.	...	10	str.	...	10	str.	...	10	str.	...	9.8
„ 16,.....	2	sm-cum.	WNW	7	sm-cum.	WNW	10	sm-cum.	W	7	sm-cum.	W	7.7
„ 17,.....	7	sm-cum.	W	9	sm-cum.	W	2	sm-cum.	SW	0	...	...	5.1
„ 18,.....	0	...	...	3	sm-cum.	W	10	sm-cum.	WSW	10	cum.	...	2.9
„ 19,.....	0	...	...	0	...	...	0	...	...	0	...	...	2.3
„ 20,.....	0	...	...	1	sm-cum.	...	2	sm-cum.	...	2	sm-cum.	W	1.7
„ 21,.....	2	sm-cum. / cum.	WSW / ENE	1	sm-cum. / cum.	SW / E	0	...	...	1	cum.	E	3.4
„ 22,.....	8	sm-cum. / cum.	SW / E	2	sm-cum.	WSW	10	cum.	WNW	10	cum.	W	5.0
„ 23,.....	9	sm-cum. / cum.	NE / E	3	sm-cum.	ENE	10	cum.	...	10	str.	...	8.8
„ 24,.....	1	sm-cum. / cum.	...	2	cum.	NNE	0	...	...	0	...	...	5.4
„ 25,.....	0	...	...	0	...	...	0	...	...	0	...	...	2.7
„ 26,.....	10	sm-cum.	SSW	8	sm-cum.	SSW	2	cum.	...	2	c-str.	...	3.5
„ 27,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 28,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 29,.....	9	R-cum.	SSE	10	R-cum.	SE	9	R-cum.	...	10	cum.	E	6.3
„ 30,.....	0	...	...	1	sm-cum.	...	0	...	...	0	...	...	3.5
„ 31,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.2
Mean,.....	4.1	...	...	4.0	...	...	4.3	...	...	4.1	...	...	4.3

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Dec. 1,.....	...	...	...	...
„ 2, ...	0.765	9	1.02	0.82
„ 3,.....	0.070	2	...	...
„ 4,.....	...	...	...	...
„ 5,.....	...	...	...	...
„ 6,.....	...	...	...	...
„ 7,.....	...	...	...	...
„ 8,.....	...	...	...	...
„ 9,.....	...	...	...	...
„ 10,.....	...	...	...	...
„ 11,.....	...	...	...	...
„ 12,.....	...	...	...	...
„ 13,.....	...	...	...	...
„ 14,.....	0.010	2	...	...
„ 15,.....	...	...	...	...
„ 16,.....	...	...	...	...
„ 17,.....	...	...	...	...
„ 18,.....	...	...	...	...
„ 19,.....	...	...	...	...
„ 20,.....	...	...	...	...
„ 21,.....	...	...	...	...
„ 22,.....	0.005	1	...	...
„ 23,.....	...	...	...	...
„ 24,.....	...	...	...	...
„ 25,.....	...	...	...	...
„ 26,.....	...	...	...	...
„ 27,.....	...	...	...	...
„ 28,.....	...	...	...	...
„ 29,.....	...	...	...	...
„ 30,.....	...	...	...	...
„ 31,.....	...	...	...	...
Total,.....	0.850	14	1.02	0.82

W. Doberck,
Director.

Hongkong Observatory, 17th January, 1888.

Appendix A.

REPORT ON INFORMATION ISSUED IN 1886 CONCERNING TYPHOONS.

The remarks concerning Typhoons, Meteorological Signals, and Storm-warnings, published in the *China Coast Meteorological Register* issued daily from here in 1886, are reprinted below. The basis on which typhoons were forecast is added in small print and likewise the position at 9 a. of the centre of the typhoon, as finally determined from a discussion of all available information :—

1886, June 10th.—'The barometer is still falling. Gradients are increasing for S winds. The temperature and the humidity are high and overcast weather prevails. There appears to be a typhoon in the Pacific probably moving NWestward.'

Basis: General and NW breezes in Luzon.—Typhoon in about 19½° N, 124° E.

1886, June 11th.—'The barometer is rising in the South and falling in the North. The temperature and humidity are rather high, and overcast weather prevails with thunderstorms along the coast. The typhoon appears to be E of Formosa moving northwards.'

Red Drum hoisted at 10.30 a.

Typhoon in 19½° N, 120° E.

1886, June 12.—'The barometer is rising. The typhoon appears to have moved northwards at a quick rate and to have crossed southern Japan and entered Siberia. Gradients are moderate for NE winds over southern China and moderate for SW winds over northern China. The temperature is moderate, the humidity low and the weather overcast.'

Red Drum removed at 10.15 a.

Typhoon appears to have crossed the China Sea.—The storm in the Sea of Japan was caused by a different depression.

1886, June 15th.—'The barometer has risen in Wladivostock and has fallen elsewhere. There appears to be a typhoon to the north of Luzon. The temperature is moderate. The humidity is low in the south and high in the north. Cloudy and rainy weather prevails.'

Basis: Fresh NE breeze near Shanghai. Fresh W breezes in the south. Bad weather in Luzon.—Typhoon in 27° N, 122° E.

1886, June 16th.—'The typhoon appears to have passed E of Formosa moving northwards. A fresh gale was reported from Manila last night and very threatening weather is reported from Bolinao this morning, probably owing to another typhoon crossing Luzon. The barometer has risen. The temperature is high and the humidity very low except in Shanghai. The weather is fine along the southern coast and overcast in the East.'

Typhoon in 34° N, 120° E.

1886, August 13th.—'The barometer continues to fall particularly in the north. Gradients are rather steep for SW winds in the south and for NE winds in the north. The temperature is high, the humidity moderate and cloudy weather prevails. There were furious gusts of wind accompanied by heavy rain all night at Bolinao, and this morning a strong breeze and a falling barometer are reported from Shanghai.'

1886, August 14th.—'The barometer has fallen in the north. Gradients are steep for SW winds in the south and for NE winds in the north. The temperature is high, the humidity low and the weather cloudy. There appears to be a typhoon NE of Formosa moving Northwards.'

Basis: Observations telegraphed from coast ports.—Typhoon in 28½° N, 120° E.

1886, August 16th.—'The barometer has risen. Gradients are rather steep for SW winds. The typhoon appears to have entered northern China. The temperature and humidity are moderate and overcast and wet weather prevails.'

Typhoon in 32° N, 116½° E.

1886, August 17th —'The barometer has risen except in Wladivostock but gradients are steep for SW winds. The typhoon is proceeding northwards in northern China. The temperature is high in the south and low in the north. The humidity is low in the south and high in the north and overcast weather prevails.'

Typhoon in 38° N, 115° E.—Telegrams forwarded to treaty ports: "Stormy weather may be expected in the Yellow Sea."

1886, August 18th.—'The barometer has fallen in the south and risen in the north. Gradients are moderate for SW winds. The typhoon appears to be still progressing in northern China. The temperature and humidity are rather high and the weather overcast.'

1886, August 21st.—'The barometer has risen in Luzon and along the south coast of China and gradients are rather steep for SW winds in the China Sea. A typhoon, which probably had its origin some days ago far to the E of Luzon, is proceeding NEastward to the S of Japan. The temperature and humidity are rather moderate and the weather cloudy.'

Basis: Observations in Nagasaki.—Typhoon in 33½° N, 130½° E.

1886, September 3rd.—'The barometer has risen in the West and fallen in the East. Gradients for W winds are very gentle. There appears to be a typhoon in the Pacific E of Formosa probably moving northwards. The temperature is high, the humidity comparatively low and cloudy weather prevails.'

Basis: General.—Typhoon in 19° N, 133° E.

1886, September 10th.—'The barometer is falling along the coast of China and rising in Tonquin and in Siberia. Gradients for W winds are slight. The temperature is moderate, the humidity low, and fine weather prevails. There is a typhoon between Northern Formosa and Southern Japan probably moving northwards.'

Basis: Observations in coast ports and in Nagasaki.—Typhoon in 24° N, 128° E.

1886, September 11th.—'The barometer is falling in Luzon and along the southern coast of China. Gradients are slight for SW winds over the China Sea, and for N winds over China. The typhoon appears to have entered the Sea of Japan.'

Basis: Observations in Nagasaki and Wladivostock.—Typhoon in 38° N, 132° E.

1886, September 16th.—'The barometer has fallen about a tenth of an inch. There is a typhoon in the China Sea West of Bolinao. The temperature is high, the humidity low, and the weather fine along the southern coast of China. The temperature is low, the humidity high, and the weather overcast and wet in Luzon.'

South Cone hoisted at 1.14 p.

Basis: General and SE breeze in Luzon, clouds coming from S.—Typhoon in 18° N, 118° E.

1886, September 17th.—'The barometer is stationary in the south, and has fallen in the north. The typhoon W of Bolinao, appears to be small, and to be moving NWestward, but does not threaten the Colony, as already stated in last night's telegram. It is possible that there is another typhoon approaching southern Japan. The temperature is high, the humidity has increased, and the weather is cloudy.'

South Cone removed at 4.20 p.

Typhoon in 20° N, 119° E. The other typhoon (surmised from observations in Nagasaki) in 34° N, 132° E.

1886, September 18th.—'The barometer is rising in Luzon and in the North of China, but is falling along the SE coast. The temperature is high, the humidity moderate, and the weather fine, except in Luzon. The small typhoon in the China Sea, which was indicated here on the 15th, and announced on the 16th, appears to be approaching the Formosa Channel, probably attracted towards the storm in the Sea of Japan, which is now felt in Wladivostock.'

One typhoon in 21½° N, 119° E, another in 40° N, 139° E.

Red drum hoisted at 10.35 p.

1886, September 20th.—

Red drum removed at 10.30 a.

1886, October 9th.—'The barometer continues to fall, particularly in Luzon, but has risen in the North. Gradients for NE winds have increased. A typhoon has approached Luzon. The temperature is rather high, the humidity moderate, and the weather fine along the coast.'

Basis: General.—Typhoon in 19° N, 122° E.

1886, October 11th.—'The barometer is rising in Luzon, and has fallen along the coast. The typhoon appears to have moved northwards. The temperature and humidity are high, but fine weather prevails.'

This typhoon crossed the China Sea.

1886, October 16th.—'The barometer has fallen, and gradients continue rather steep for NE winds. It appears that a small typhoon coming from the Pacific has crossed near Iloilo, and entered the China Sea near Palawan.'

Basis: General.—Typhoon in 12½° N, 117° E.

1886, November 16th.—'The fall in the barometer over Luzon has increased. It has now fallen also along the coast but risen in Japan. This is evidently due to a typhoon approaching southern Luzon from the East. A fresh NNE gale is reported from Bolinao. The temperature and humidity are rather low and the weather cloudy.'

Basis: Observations in Luzon. Typhoon in 14° N, 128° E.

South Cone hoisted at 1.50 p.

1886, November 17th.—'The barometer is falling except in Japan, and gradients are steep for N winds. The temperature is rather low and the humidity very low. The weather is fine along the coast. A whole gale from N was reported last night from Bolinao. It was blowing very hard all night from NE backing towards W owing to the approach of the typhoon announced yesterday. Gusts with rain occurred just before daybreak. The sea is heavy and the air is inisty.'

1886, November 18th.—'The barometer has risen in the south and fallen in the north. The typhoon appears to have approached Japan. The temperature and humidity are low and the weather fine.'

Typhoon in 22° N, 126° E.

South Cone removed at 10.20 a.

For further explanations the pamphlet on *The Law of Storms in the Eastern Seas* may be consulted.

W. Doberck,
Director.

Hongkong Observatory, 12th December, 1887.

Appendix B.

RESULTS OF FURTHER INVESTIGATIONS CONCERNING TYPHOONS.

A pamphlet on *The Law of Storms in the Eastern Seas*, adapted for the use of the shipping and embodying practically all that is now known about typhoons, was issued in September last year.

A distinguished German meteorologist in reviewing this pamphlet makes reference to the similarity which exists between the typhoons in the Far East and the hurricanes of the West Indies. Any differences which may be ascertained must, I believe, be ascribed to dissimilarity between the coastlines and islands, as the former, more especially, are found to have so great an influence on atmospheric disturbances.—The West India hurricanes may be divided into four classes. Those of the first class pass WNWestward to the south of Hayti and strike the coast of the mainland south of the northern promontory of Yucatan. Those of the second class pass generally NWestward and enter the United States. While those of the third class recurve generally between the West Indies and the Bermudas and pass away to the NE. Hurricanes of the fourth class, moving obliquely towards the equator in a low latitude, are very rare.

My investigations on the typhoons in the past four years furnish already an insight into the sub-classes into which the different kinds of typhoons may be divided in the future. Thus the similarity between the paths of Typhoons V of 1885 and IV of 1886, Typhoons VI of 1885 and X of 1886, Typhoons XVII of 1884 and XVI of 1886, Typhoons X of 1885 and XVII of 1886 may be pointed out, the latter being particularly remarkable, so much so that doubts might reasonably have been entertained about its reality if the case had occurred but once.

Stormpaths in tropical seas are of a very simple nature,—much more so than in the case of minor depressions anywhere or storms in the temperate zones,—as long as the course lies far from any shore. That irregularities occur may be seen from such paths as are furnished by Typhoons VIII and XV of 1886. However there are while the typhoon is far from the shore seldom observations enough available to indicate small irregularities with certainty.

Whether a typhoon ever crosses the Pacific and Canada and reaches Europe is not known for certain. It is of course within the range of possibility, but must be doubted till clearly proved.

The coasts of China and Corea are now well furnished with stations. Wenchow in 28° 0′ N, 120° 35′ E with observations made at 9 a, 3 p and 9 p daily was added on the 1st September, 1886, and Chemulpo in 37° 29′ N, 126° 37′ E on the 1st November, 1886. Observations made every three hours were commenced on the 5th July, 1885, and were discontinued on the 27th February, 1887, in Port Hamilton in 34° 0′ N, 127° 20′ E.

The part of the Far East best supplied with meteorological stations is of course the Empire of Japan. One of the localities from which very poor information was hitherto available was the Philippine Archipelago, but the subject has now been taken up officially since a new Government Observatory was constructed. Meantime the want has been to some extent supplied by telegrams twice a day from Manila, by English volunteer-observers in Bolinao and Iloilo and by extracts from the logbooks of ships trading in the Archipelago.

Thunderstorms occur occasionally all round the centre of a typhoon in the ring of high pressure and gentle gradients beyond the area where the wind is fresh. Nearer the centre but before the wind begins to rise the clouds generally assume the form of Roll-cumulus which prevails till full typhoon force is reached. The mean monthly height of the mercurial column is scarcely lowered in consequence of the typhoons as the high pressure all round the typhoon counter-effects the low pressure near the centre. The monthly mean solar radiation is lowered both with regard to intensity and to duration, while the true air-temperature, the tension of water-vapour and the rain-fall are increased. The mean force of the wind is increased very considerably in months when typhoons approach the neighbourhood.

When the wind rises in a typhoon it blows in gusts and the mercury heaves in the barometer. In a strong gale the mercury fluctuates frequently three hundredths of an inch at intervals of perhaps about four minutes. But there is no heaving when the wind is not strong even if the centre is very close to a vessel. When the wind has attained storm-force it blows in fierce squalls of perhaps about ten minutes duration, while the mercury heaves up and down as much as eight hundredths of an inch. In these squalls the wind veers or backs in the direction towards which it is going to change owing to the progressive motion of the centre of the typhoon. As a general rule it may be said that the mercury gives a jump upwards when the wind begins to veer in the squall. Then it drops down and gives another jump upwards, while the winds shifts back to its original direction. But the mercury has been observed to behave in the opposite way occasionally, and this point deserves further investigation. During these squalls an enormous amount of rain falls in a few minutes. The temperature falls as a

rule a fraction of a degree and sometimes much more. But the wind does not return to quite it original direction. There is frequently a change. At the time when the centre is passing nearest to a vessel, a fierce squall is frequently entered in the log-book. The existence of a line of squalls perpendicular to the path of a storm-centre is well known in the storms that cross the British Isles

It is remarked that typhoons often arrive in quick succession followed by intervals without typhoons, but during the height of the typhoon-season there is generally a typhoon to be found somewhere at any time. The following table exhibits the number of typhoons that occurred during the past three years within squares of 2° extent in longitude and latitude :—

FREQUENCY OF TYPHOONS IN 1884-1886 INCLUSIVE.

Latitude North.	Longitude East.																				
	104° — 106°	106° — 108°	108° — 110°	110° — 112°	112° — 114°	114° — 116°	116° — 118°	118° — 120°	120° — 122°	122° — 124°	124° — 126°	126° — 128°	128° — 130°	130° — 132°	132° — 134°	134° — 136°	136° — 138°	138° — 140°	140° — 142°	142° — 144°	Sums.
42° – 44°	...	...	...	...	...	...	...	...	...	...	1	3	1	1	...	...	2	3	2	2	15
40° – 42°	...	...	...	...	...	...	...	...	...	...	2	2	1	1	2	3	3	4	5	4	27
38° – 40°	...	...	...	...	...	1	...	...	1	1	3	3	3	3	3	5	6	7	6	3	45
36° – 38°	...	...	...	...	...	1	...	2	2	2	3	1	2	2	7	5	3	3	2	2	37
34° – 36°	...	...	...	...	1	1	1	2	1	1	1	3	4	6	7	4	4	4	3	3	46
32° – 34°	...	...	...	...	1	2	4	2	2	1	4	5	2	7	3	5	4	4	2	...	48
30° – 32°	...	...	...	...	...	1	4	3	4	2	4	3	4	6	3	5	1	...	...	...	40
28° – 30°	...	...	...	...	...	2	5	3	5	3	2	2	5	6	5	1	...	...	...	...	39
26° – 28°	...	...	...	...	1	2	3	2	5	5	6	4	5	4	4	...	...	...	...	...	41
24° – 26°	...	...	...	...	1	1	2	3	5	5	8	5	5	3	...	...	...	...	1	...	39
22° – 24°	...	...	...	1	2	2	2	3	5	2	8	7	4	5	2	1	1	1	1	...	47
20° – 22°	1	1	1	...	1	2	2	5	4	3	9	4	4	4	3	2	1	1	...	...	48
18° – 20°	1	1	3	3	4	7	6	8	7	5	8	5	2	4	3	3	1	1	...	...	72
16° – 18°	3	2	3	2	3	3	3	5	6	6	9	8	3	2	...	1	1	...	...	...	60
14° – 16°	...	1	2	1	2	2	1	1	4	5	7	8	5	2	2	...	1	1	1	...	46
12° – 14°	...	...	...	2	4	3	2	2	1	2	4	5	4	1	2	2	...	...	...	...	34
10° – 12°	...	...	...	1	...	1	3	4	2	2	2	2	2	2	...	2	2	...	...	...	25
8° – 10°	...	...	...	...	...	...	1	1	1	1	1	1	1	1	1	1	...	...	...	...	10
Sums.	5	5	9	10	20	31	39	46	55	46	82	71	57	60	47	40	30	29	23	14	719

From the figures in the horizontal lines the average longitude for every 2° of latitude was computed in analogy with the theory of the lever. A curve was then drawn among the points laid down on the map. The result was as follows :—

Lat.	Long.		Lat.	Long.	
	read.	corr.		read.	corr.
43°	135°	136°.9	25°	124°	123°.8
41	137	135 .2	23	125	123 .1
39	134	133 .5	21	124	122 .6
37	133	132 .0	19	122	122 .4
35	132	130 .2	17	121	122 .3
33	129	128 .4	15	124	122 .5
31	127	126 .8	13	123	123 .1
29	125	125 .5	11	124	124 .3
27	125	124 .6	9	126	126 .1

South of 11° latitude the typhoons move on an average NWestward. Between 11° and 15° they move NNWestward between 15° and 22° Northwards, between 22° and 30° NNEastward and north of 30° about NEastward. But it must be remembered that there is comparatively little information available about the paths to the East of the Philippines. If the data were as extensive there as in the China Sea the southern half of the mean path would probably be shifted to the East, and the mean curve would look more like a parabola. The mean curve given above must therefore be considered to represent the mean path of typhoons encountered,—not the actual mean path of typhoons. By and by we may be able to lay down the mean path of each class of typhoons, and of typhoons in each month of the year.

The longitude in which typhoons are most frequently encountered, is 125° E. The latitude is $18\frac{1}{2}$° N. But there is a slight secondary maximum in $33\frac{1}{2}$° N.

The gradients, expressed in parts of an inch in 15 miles, corresponding to different forces (f) of the wind in typhoons have been calculated (g_c), and compared with the values (g_o) deduced from a comparison of the observed values by aid of Ferrel's formula in the following form :—

$$g_c = \left(\frac{\sin\phi \sec i}{1667} + \frac{v}{873\, r} \right) \frac{B\, v}{30\,[1 + 0.002\,(t-32)]}$$

in which ϕ designates the latitude, i the complement of the angle between the wind and the gradient, v the velocity of the wind in miles an hour, r the distance from the centre in miles, B the height of the barometer in inches, reduced to 32° and mean sea-level, and t the temperature of the air in degrees Fahrenheit. B is assumed=29, t=80, ϕ=20° and i=45°:—

g_o	f	v	r	g_c
0.02	6	34	200	0.015
.03	7	40	160	.02
.04	8	48	125	.03
.05	9	56	95	.05
.07	10	65	70	.08
.10	11	75	50	.13
.30	12	90	35	.26

The first part of the expression for gc exceeds the second as long as the force of the wind is below a moderate gale. Thereafter the second part, depending upon the centrifugal force generated by the rotation, exceeds the first, which may be neglected when storm-force is reached and has no appreciable influence when it is blowing with full typhoon force.

Assuming :—

$$a = \frac{\sin\phi \sec i\ B}{50010\,[1 + 0.002\,(t-32)]} \text{ and } b = \frac{B}{26190\,[1 + 0.002\,(t-32)]}$$

the velocity of the wind corresponding to a certain gradient in a certain latitude is determined by a quadratic equation having only one positive root :—

$$v = \frac{ar}{2b}\left(-1 + \sqrt{1 + 2\,\frac{bg}{a^2 r}} \right)$$

The strongest typhoon during the past three years and perhaps as strong as any hurricane ever encountered was that experienced on board of the S. S. *Airlie* in 12° N on the 16th July, 1885, when the gradient rose to about an inch in 15 miles. To gain an idea of the velocity of the wind in that typhoon the simple formula :—

$$v = \sqrt{\frac{gr}{2b}}$$

suffices.—According as r is assumed to have been 50 or 60 miles, we obtain v equal to 158 or 173 miles, and the velocity of the wind must therefore have reached about 150 miles an hour.

W. Doberck,
Director.

Hongkong Observatory, 13th December, 1887.

Appendix C.

HONGKONG OBSERVATORY.

Magnetic Observations made during the year 1887.

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 methods adopted in making the observations and in determining and applying the corrections are explained in *Appendix* G. of *Obs. and Res.* made in 1885: "On the verification of the Unifilar Magnetometer Elliott Brothers, No. 55" The value of log. π^2K was 3.44959, at 20° Cent. and the value of P was + 8.819. The mean value of the magnetic moment of the vibrating needle was 0.48980 in English Units and 639.47 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 milligramme, one second).

The mean of the observations made during the past four years give for the 1st January 1886 the following mean values for the different elements: Declination (East) = 0°44′19″, Dip (North) = 32°25′15″, Horizontal Force = 7.8204 (British Units) = 0.36059 (C.G.S. Units).

OBSERVATIONS OF MAGNETIC DECLINATION AND DIP.

1887.	H.K.M.T.	Declination, East.	Observer.	H.K.M.T.	Dip, North.	Needle.	Observer.
January,	14d. 2h. 43m. p.	0° 43′ 36″	F.G.F.	14d. 3h. 41m. p.	32° 24′.12	No. 1	F.G.F.
					23 .23	2	"
February,	14 2 45 p.	0 41 50	"	15 3 5 p.	23 .81	1	M.A.
				4 20 p.	23 .77	2	"
March,	15 2 49 p.	0 42 34	M.A.	14 3 40 p.	22 .05	1	"
				4 35 p.	22 .58	2	"
April,	16 2 59 p.	0 42 46	"	14 3 5 p.	19 .75	1	"
				3 45 p.	22 .25	2	"
May,	16 2 38 p.	0 41 0	F.G.F.	16 3 16 p.	23 .08	1	"
				4 11 p.	24 .98	2	"
June,	15 2 21 p.	0 41 11	M.A.	15 3 16 p.	23 .71	1	"
				4 12 p.	25 .50	2	"
				16 2 50 p.	25 .78	5	"
				3 42 p.	20 .62	6	"
July,	16 2 36 p.	0 42 50	F.G.F.	14 3 6 p.	24 .71	1	"
				3 55 p.	20 .38	2	"
August,	17 2 38 p.	0 42 30	M.A.	17 3 37 p.	19 .77	1	"
				3 58 p.	20 .54	2	"
September,	14 2 45 p.	0 40 28	F.G.F.	16 3 35 p.	23 .12	1	F.G.F.
					21 .85	2	"
October,	15 2 19 p.	0 41 48	M.A.	15 3 5 p.	20 .57	1	M.A.
				3 49 p.	22 .48	2	"
November,	15 2 37 p.	0 42 0	F.G.F.	16 3 32 p.	22 .83	1	F.G.F.
					20 .33	2	"
December,	14 2 28 p.	0 42 54	"	16 3 14 p.	22 .26	1	"
					21 .25	2	"

OBSERVATIONS OF HORIZONTAL MAGNETIC FORCE.

Date. 1887.	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 $\frac{m}{X}$ Mean.	Value of X.	Observer.
		s										
January 15,...	3h. 13m. p.	3.4860	18°.0	2.36582	643.62	3h. 47m. p.	30 40	17°.5	7° 37′ 17″ 3 11 33	3.25143	0.36074	F.G.F.
February 14,...	3 7 p.	3.4883	20 .9	2.36575	642.82	3 36 p.	30 40	20 .8	7 36 1 3 10 40	3.25042	0.36112	"
March 16,...	2 31 p.	3.4859	17 .1	2.36584	642.57	3 47 p.	30 40	16 .9	7 36 17 3 10 47	3.25000	0.36134	M.A.
April 15,...	3 10 p.	3.4933	27 .7	2.36580	642.83	4 25 p.	30 40	25 .5	7 34 52 3 10 23	3.25040	0.36116	"
May 14,...	3 6 p.	3.4940	26 .5	2.36540	641.99	3 33 p.	30 40	25 .2	7 33 51 3 10 12	3.24966	0.36130	F.G.F.
June 14,...	3 9 p.	3.4991	29 .6	2.36469	641.26	4 15 p.	30 40	28 .7	7 32 6 3 10 5	3.24937	0.36113	M.A.
July 15,...	2 12 p.	3.5026	30 .7	2.36392	639.59	3 18 p.	30 40	29 .3	7 30 56 3 9 11	3.24787	0.36143	"
August 16,...	2 35 p.	3.5046	26 .2	2.36278	638.41	3 40 p.	30 40	25 .6	7 31 7 3 9 19	3.24742	0.36114	"
September 14,...	3 13 p.	3.5108	31 .0	2.36224	636.97	3 52 p.	30 40	29 .5	7 28 56 3 8 20	3.24600	0.36151	F.G.F.
October 14,...	2 44 p.	3.5141	30 .5	2.36146	635.97	3 39 p.	30 40	28 .6	7 28 27 3 8 11	3.24542	0.36143	M.A.
November 14,...	2 49 p.	3.5135	25 .3	2.36048	634.36	3 25 p.	30 40	24 .1	7 28 6 3 8 0	3.24418	0.36153	F.G.F.
December 14....	3 5 p.	3.5142	20 .6	2.35930	633.26	3 33 p.	30 40	19 .8	7 28 40 3 8 10	3.24386	0.36117	"

RESULTS OF MAGNETIC OBSERVATIONS IN 1887.

Month. 1887.	Declination, East.	Dip, North.	MAGNETIC FORCE.								
			English Units.			Metric Units.			C. G. S. Units.		
			X	Y	Total Force	X	Y	Total Force	X	Y	Total Fo
January, ...	0° 43′ 36″	32° 23′ 40″	7.8238	4.9641	9.2657	3.6074	2.2888	4.2723	0.36074	0.22888	0.4272
February, ...	41 50	23 47	7.8322	4.9696	9.2758	3.6112	2.2914	4.2769	0.36112	0.22914	0.4276
March, ...	42 34	22 19	7.8368	4.9680	9.2790	3.6134	2.2906	4.2784	0.36134	0.22906	0.4278
April, ...	42 46	21 0	7.8328	4.9613	9.2720	3.6116	2.2876	4.2751	0.36116	0.22876	0.4275
May, ...	41 0	24 4	7.8360	4.9729	9.2807	3.6130	2.2929	4.2792	0.36130	0.22929	0.4279
June, ...	41 11	23 54	7.8322	4.9700	9.2760	3.6113	2.2916	4.2770	0.36113	0.22916	0.4277
July, ...	42 50	22 33	7.8388	4.9699	9.2816	3.6143	2.2916	4.2796	0.36143	0.22916	0.4279
August, ...	42 30	20 9	7.8325	4.9584	9.2700	3.6114	2.2862	4.2743	0.36114	0.22862	0.4274
September, ...	40 28	22 29	7.8404	4.9709	9.2834	3.6151	2.2920	4.2805	0.36151	0.22920	0.4280
October, ...	41 48	21 32	7.8386	4.9666	9.2796	3.6143	2.2900	4.2787	0.36143	0.22900	0.4275
November, ...	42 0	21 34	7.8410	4.9681	9.2824	3.6153	2.2907	4.2800	0.36153	0.22907	0.4280
December, ...	42 54	21 46	7.8332	4.9639	9.2736	3.6117	2.2887	4.2759	0.36117	0.22887	0.4277
Mean, ...	0° 42′ 7″	32° 22′ 24″	7.8349	4.9670	9.2766	3.6125	2.2902	4.2773	0.36125	0.22902	0.4277

W. Doberck,
Director.

Hongkong Observatory, 19th December, 1887.