OBSERVATIONS AND RESEARCHES

MADE AT

THE HONGKONG OBSERVATORY,

IN THE YEAR

1894,

BY

W. DOBERCK,

DIRECTOR.

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HONGKONG OBSERVATORY,

23rd *March*, 1895.

SIR,—I have the honour to submit my annual report for 1894 to His Excellency the Governor. My tenth volume of observations and researches was published last summer and the eleventh volume is now being printed.

2. In my last annual report I was able to state that "precedence urgency" had been granted by the Eastern Extension and Great Northern Telegraph Companies and also by the Chinese Telegraph Administration to our messages. I regret, however, to be unable to report any improvement in the time of receipt of these, and so far as the United Telegraph Companies are concerned the delay would thus appear to be beyond their control. With regard to the messages coming over the lines of the Chinese Telegraph Administration, the case is however different, as it is clearly established that the messages are handed in at their offices immediately and, therefore, it is certain that the delay occurs in transmission over their lines. But as the messages received through this channel pass over land lines communication will, of course, be more frequently interrupted. The tardy receipt or non-arrival of the observations interferes greatly with the prompt issue of weather intelligence, and the early or late issue of such must necessarily depend upon the time of receipt of the observations from the coast stations. With regard to the observations made at Anping (South Formosa) and Hoihow (Hainan), the messages are so seldom received in time that for the purpose of storm-warnings they are as a rule practically useless, and as both these stations are outposts, as regards local warnings, so to speak, the one to the east and the other to the west of the Colony, it is readily seen that the non-receipt of these observations is a very great loss. Last typhoon season the Hoihow observations would have been particularly valuable, had they been received, as many of the typhoons approached the immediate neighbourhood of that station, and there is no doubt that were the Hoihow observations received in time, the information the Observatory is able to give with regard to typhoons in the China Sea would be much improved. Unfortunately the irregularities and delay in the receipt of the messages are more frequent in the typhoon season than in the winter months, and this remark applies to all stations, Bolinao excepted.

3. The thanks of the Government are due to the Telegraph Companies for their kindness in continuing to forward the meteorological telegrams free of charge, and the staff of the Eastern Extension Telegraph Company at Bolinao is to be especially thanked for their kind aid in making observations at all times, but particularly during the typhoon season. During the past year their help has been invaluable in this respect and their observations during the passage of typhoon centres in the vicinity of the station enabled Mr. FIGG to indicate the subsequent movements of such typhoons in the China Sea with accuracy. The staff of the same Company at Sharp Peak, near Foochow, also rendered valuable assistance on two or three occasions, and it would be a great improvement could the Telegraph Company be prevailed upon to allow the staff to forward observations regularly. No observations have been received from Foochow since the 10th September last, when the port was closed on account of the China-Japan war.

4. In my last annual report I stated that Victoria Peak and Gap Rock would shortly be placed in direct communication with the Observatory. This improvement has not yet been effected, and the wind observations made at Victoria Peak are often received too late for insertion in the China Coast Register, and latterly no observations have been received until about 2.30 p.m. and frequently later than this each day. This apparently arises to a great extent from the roundabout method by which the observations are forwarded to the United Telegraph Offices in Queen's Road for transmission to the Observatory. The importance of the wind observations from Victoria Peak has frequently been insisted on by me, but their value is at once discounted through the delay in transmission.

5. The following table shows the times of observation at the various coast stations and the *percentage* of days during the month of June last, when the morning or afternoon observations were received at the Observatory after 11 a. or 5 p. respectively. It is seen that on about two-thirds of

the days during the month the observations from the most important stations, Bolinao excepted, were not received in time to enable the China Coast Register to be issued until after 11 a. The delay in the receipt of the messages thus exhibited includes also that which has occurred through interruptions of the local (Observatory) line. This is given as an example and it shows that considerable delays, beyond the control of the Observatory, must frequently occur in the issue of weather intelligence as long as the observations are not more promptly received :—

Station.	Times of Observation.	A.M. Observation received after 11 a.	P.M. Observation received after 5 p.	Station.	Times of Observation.	A.M. Observation received after 11 a.	P.M. Observation received after 5 p.
Tokio, ...	10 a., 2 p.	93	73	Victoria Peak, ...	10 a., 4 p.	27	33
Nagasaki, ...	10 a., 2 p.	93	60	Gap Rock, ...	10 a., 4 p.	40	27
Shanghai, ...	9 a., 3 p.	7	10	Macao, ...	10 a., 4 p.	10	10
Foochow, ...	9 a., 3 p.	63	100	Haiphong, ...	7 a., 1.30 p.	10	20
Amoy, ...	9 a., 3 p.	67	33	Hoihow, ...	9 a., 3 p.	100	100
Anping, ...	9 a., 3 p.	100	93	Bolinao, ...	8 a., 2 p.	3	3
Swatow, ...	9 a., 3 p.	67	60	Manila, ...	10 a., 4 p.	83	83
Canton, ...	9 a., 3 p.	73	53	Cape St. James,...	7 a., 3 p.	10	43

6. Telegraphic connection with Victoria was interrupted on the following days in 1894:—23rd February, 11.10 a. to 2.6 p.; 7th April, 12.30 p. to 6.25 p.; June 6th, 9.20 a. to June 7th 10.25 a.; June 22nd, 9.45 a. to 1.30 p.; June 25th, 10 a. to June 26th 6.15 a.; June 26th, 9.45 a. to 10.19 a.; 10.28 a. to 10.45 a., noon to 2.4 p., 3.37 p. to 4.56 p.; June 28th, 2.10 p. to 2.53 p.; July 1st, 2.30 p. to July 2nd 10.52 a.; September 19th, 7.10 a. to 21st 12.20 p.; October 5th, 11.26 a. to 8th October 1.35 p.; November 9th, 3.20 p. to 10.20 p.; November 19th, 10.20 a. to 2 p.; November 21st, 9.50 a. to 11.25 a.; November 22nd, 9.56 a. to 11.30 a., 11.45 a. to 12.35 p.; November 23rd, 10.20 a. to 12.20 p. Interruptions, therefore, occurred on 22 days as well as during thunderstorms.—Telephonic connection between the look-out on the Peak and the Post Office in Victoria (for transmitting observations every hour to the Observatory) was interrupted from the 3rd July at 6 a. to the 4th July at 6 a.; from the 3rd September at noon to the 4th September at 6 a.; from the 5th September at 6 a. to the 5th September at 8 p.; from the 23rd September at 6 a. to the 24th September at 6 a.; from the 25th September at 6 a. to the 28th September at 6 a.; from the 5th October at 11 a. to 11th October at 6 a.; from the 14th October at 6 a. to the 15th October at 6 a.; from the 28th November at 2 p. to the 29th November at 6 a.; from the 8th December at 2 p. to the 9th December at 6 a., and from the 23rd December at 2 p. to the 24th December at 6 a., *i.e.*, on 26 days as well as during thunderstorms.

7. The China Coast Meteorological Register was printed daily at the Observatory, and information regarding storms was telegraphed and exhibited on notice boards in Hongkong and elsewhere as often and as fully as such information could be justified by the observations received. Some of these notices were telegraphed by Mr. Figg to a printer in Hongkong, who issued them in the form of "expresses." Such expresses used to be circulated by the Police, but the Government intimated to me last summer that it would be preferable to issue them as printed expresses except on Sundays or after the printing office is closed.

8. Telegrams giving information about typhoons were issued on 61 days by Mr. Figg. The Red Drum was hoisted 3 times, Red North Cone 2, Red South Cone 5, Black Ball 8, Black North Cone 1, Black South Cone 8, Lanterns vertically 5 times. The gun was fired one round 6 times, and two rounds twice. Printed expresses were circulated 3 times.

9. During 1894, in addition to meteorological registers kept at about 40 stations on shore, 1348 ship-logs have been received. 1123 were forwarded by Captains and 225 were copied on board ship in the harbour. The ship-logs collected in 1894 were thus distributed:—for 1890, 1 log; for 1892, 1 log; for 1893, 44 logs; for 1894, 1302 logs. The total number of ships, whose log-books have been made use of, was 292. The total number of days' observations was 17093. These data, which are

very complete, are collected, reduced, tabulated and made available for the study of typhoons and other meteorological features by Miss DOBERCK. Mr. FIGG has finished the investigation of the typhoons of 1890, and I have commenced those in 1891, but the investigation of the typhoons in 1893 has not yet been touched. These unfortunate arrears of work, by which we are handicapped in our storm-warnings, are due solely to the undermanning of the Observatory in 1889 and 1890.

10. The thanks of the Government are due to all those commanders of vessels who during the year 1894 have made meteorological observations regularly and forwarded them to the Observatory, and also to those who have given facilities for the copying of their meteorological logs on board. Mr. KIRKWOOD, of the I. M. C. C. *Kaipan*, is to be especially thanked for the very complete observations he made during last summer while this vessel was stationed on the south coast of Hainan. His observations have been of great value for the determination of some of the typhoon tracks of last year.

11. The following is a list of ships from which logs have been obtained in 1894. Those to which* is prefixed have been communicated directly by their respective Captains, and the remainder have been copied on board the several vessels. The majority are steam-ships and the others are distinguished as follows:—b, barque; s, ship; sch., schooner; bqt., barquentine :—

Abner Coburn (s), *Activ, Adam W. Spies (b), *Aden, Agamemnon, *Aglaia, A. G. Ropes (s), *Airlie, *Ajax, A. K. Wood (sch.), Alcides (4 m b), *Altair (b), *Alwine, *Amigo, *Amoy, Amy Turner (b), *Ancona, Andelana (4 m s), Andreta (b), *Afghanistan, *Ardgay, *Argyll; *Ariake Maru, *Arratoon Apcar, *Assam, Atlantic (s), Aviso, L'Inconstant (Frigate), Avochie, Barcore (s), Bayard (b), *Bayard (Fr. Flagship), *Bayern, *Belgic, *Bellona, *Benalder, *Bengloe, *Benlomond, Benvenue, Bidstore Hill (b), *Bisagno, Bittern (bqt), *Bombay, *Bormida, *Borneo, *Brema, *Bucephalus, *Bullmouth, *Bygdo, *Bylgia (s), *Canton, *Canton (P. and O.), *Carmarthenshire, *Cascapedia, Cassius, *Cathay, *Catherine Apcar, *Centurion (H.M.S.), Charon Wattana (b), *Cheang Hock Kian, *Chelydra, China, *China (P.M.), *Chingtu, *Chi Yuen, *Chowfa, *Choy Sang, *Chusan, *City of Peking, *City of Rio de Janeiro, *Clyde, Colonna (b), Comet (b), *Continental, County of Cardiganshire (s), Cromarty, *Daphne, *Darmstadt, *Decima, *Denbighshire, *Deuteros, *Devawongse, *Devonhurst, *Diamond, *Douar, *Dryfesdale, Edward May (b), *Elax, *Emily Reed (s), *Empress of China, *Empress of India, *Empress of Japan, *Esang, *Esmeralda, *Ethiope, *Exe, Falls of Clyde (s), Fannie Skolfield (b), *Feilung, *Fernando (b), Fidelio, Fokien, *Foohng Suey (b), *Fooksang, *Formosa, Framnes, *Frejr, *Fushun, *Gaelic, *Ganges, Gera, Gerard C. Tobei (s), *Gerda, *Gisela, *Glamorganshire, *Glenavon, *Glenesk, *Glenorchy, *Glengyle, Guthrie, *Gwalior, *Glücksburg, Hackfeld (b), Hailoong, *Haiphong, *Hangchow, *Hanoi, Herat (s), Hiddekel (s), *Hiogo Maru, Holstein, *Hongay, *Hongkong, *Hupeh, *Imacos (b), *Ingraban, *Irene, Iser, Ivy (s), *Jacob Diederichsen, *Japan, Japan (b), *Java, *Josephus (s), *Kaipan (R.S.), Keemun, Kenilworth (4 m s), *Kiel, Kistna (s), Kitty (b), *Kong Beng, *Kutsang, *Kwang Chia, *Kwanglee, *Kweilin, *Kweiyang, *Kwongsang, *Lawang, *Leander (H.M.S.), *Lemantha, (s), Lennox, *Le Schepp (s), *Lightning, *Likin (R.C.), Lilian Robbins (s), Lina (b), *Loosok, Lothair (b), Lyderhorn, *Lyeemoon, *Macduff, Machew, Maiden City (b), *Malacca, *Malwa, *Manila, *Maria Valerie, Martha Davis (s), *Mathilde, *Melbourne, *Melpomene, *Menmuir, Mongkut, *Moray, *Mount Washington (b), *Namoa, *Nanchang, *Nanyang, *Natal, *Ningpo, *Niobe, *Nürnberg, *Oakley, *Oanfa, *Oceana, *Oceanic, *Omega, (b), Otago (b), *Oxus, *Pakling, *Pakshan, *Palamed, Pandur (b), Paramita (s), Parthian, *Pathan, *Peiyang, *Pekin, *Peninsular, *Peru, *Phra Chom Klao, *Phra Chula Chom Klao, *Phra Nang, *Ping Suey, *Poseidon, *Presto, *Preussen, *Priam, *Priok, *Progress, *Pronto, *Propontis, *Rattler (H.M.S.), *Ravenna, Rheingold, *Rio, *Riversdale, *Rohilla, *Rosetta, *Rossia (M. of W.), *Saghalien, *Salazie, Schwalbe, Sebastian Bach, *Seine, *Selkirk (s), *Severn (H.M.S.), Serrano (b), Sierra Miranda (s), *Shanghai, *Shantung, Sharpshooter (b), Siam, *Sikh, Silberhorn (b), *Sishan, Stanfield (b), St. Mark (s), *Strathdee, *Strathleven, *Sungkiang, *Surat, Susquehannah (s), *Sutlej, *Swatow, *Sydney, *Tacoma, *Taicheong, *Taichiow, *Tailee, *Taisang, *Taiwan, *Taiyick, *Taksang, *Tamarind, Tam O'Shanter (s), Tantalus, *Teheran, *Telamon, *Thales, *Thames, Thermopylæ, (b), *Thibet, *Toyo Maru, *Tritos, *Trocas, *Tsinan, Turbo, Ulysses, Velocity (b), *Verona, *Victoria, *Vorwärtz, Wandering Jew, (s), Wingsang, Wm. Le Lacheur (b), *Worcester, *Wuotan, *Yarra, *Yiksang, *Yuensang, Zafiro.

12. The entry of observations made at sea in degree squares for the area between 9° south and 45° north latitude, and between the longitude of Singapore and 180° East of Greenwich for the construction of trustworthy pilot charts has been continued, and 61385 observations in all have now been entered.

Table I.

Meteorological Observations entered in 10° Squares in 1893 and 1894.

Square number.	January.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.
19	0	0	0	0	0	0	0	1	0	0	0	0
20	8	2	6	15	0	0	0	8	0	18	16	12
21	2	4	10	7	15	0	0	0	0	9	8	5
22	0	3	12	12	15	0	0	0	0	8	0	0
23	122	126	42	30	14	0	83	60	30	22	31	114
24	136	134	145	120	112	114	262	208	180	145	172	192
25	48	61	25	40	42	43	60	56	37	72	64	60
26	609	586	758	880	1097	1035	992	1034	960	938	789	684
27	0	0	0	0	1	1	0	2	3	1	0	0
55	7	2	8	16	18	13	3	4	4	0	10	4
56	11	8	10	12	24	7	9	11	7	11	15	0
57	19	10	15	29	34	7	8	1	4	8	15	13
58	13	13	30	12	46	26	15	7	4	0	34	19
59	57	36	50	15	50	36	48	17	4	32	57	57
60	110	91	91	66	74	123	173	97	52	40	64	84
61	569	561	814	798	1156	1141	1044	980	1087	820	755	662
62	517	568	706	783	956	814	675	600	668	581	512	535
63	2	1	3	4	6	5	3	3	5	3	1	1
91	0	33	14	21	8	0	0	6	5	9	9	40
92	0	30	20	20	4	1	7	4	5	3	5	44
93	0	23	22	10	0	5	0	4	3	18	0	37
94	6	4	4	20	1	2	0	0	1	14	3	8
95	35	40	34	42	27	34	12	4	10	28	14	26
96	765	611	655	607	962	921	790	810	682	793	614	702
97	236	187	254	275	352	338	272	267	264	272	255	257
98	44	35	35	82	94	73	54	71	67	86	67	68
127	39	15	30	14	9	14	5	9	26	28	47	5
128	42	15	32	28	7	27	3	10	19	47	52	13
129	49	14	41	61	15	36	13	24	10	60	61	38
130	70	39	87	74	96	121	139	117	94	114	90	95
131	169	131	129	122	145	173	158	191	128	154	156	136
132	352	217	415	396	539	530	499	459	435	474	410	327
133	0	0	40	27	26	24	21	21	15	22	23	7
163	15	7	13	38	40	73	120	70	64	57	17	22
164	23	12	18	58	41	90	133	81	82	71	23	15
165	27	17	15	37	52	94	134	77	83	60	25	12
166	7	7	5	6	18	13	24	14	20	23	11	7
167	6	0	0	2	1	13	24	35	22	9	9	0
168	0	0	0	0	0	0	0	1	2	1	0	0
199	6	5	7	3	10	2	5	2	3	7	5	0
200	2	3	0	0	0	0	0	0	0	1	3	0
322	1	2	0	0	6	4	7	5	9	0	0	0
323	86	77	96	47	74	29	62	36	72	56	67	75
324	63	19	50	3	32	22	6	18	7	46	19	28
325	72	87	112	128	89	100	94	82	45	82	70	52
	4345	3836	4853	4960	6308	6104	5957	5507	5218	5243	4598	4456

13. As stated in the "Instructions for making Meteorological Observations, etc.," (Kelly & Walsh, 1892) meteorological instruments forwarded by observers who regularly send their registers to the Observatory, are verified here free of cost. During the past year 6 anëroids were verified. In addition several hundred marine barometers and anëroids on board ship were compared with the Observatory standard.

14. The following table shows the spectroscopic rainband as observed daily at about 10 a. The mean value for the year was 2.4. :—

Table II.
Rainband in 1894.

Date.	Jan.	Feb.	March.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1, ...	1+	1+	2	2−	2+	4−	3	3−	3−	3+	1+	2−
2, ...	1+	1+	2+	2−	2	3	2+	3	3−	3−	1	1−
3, ...	2	2−	2+	2	2	3+	3−	3	3−	3−	0	2−
4, ...	2−	2+	3	2	2	3+	3	3	3−	3	0	2
5, ...	2	3	3	2+	2+	3+	3	3	2+	5	0	2
6, ...	2	3−	3	3−	2	3−	3−	4	3	5−	1	2
7, ...	1	2+	3	5	2+	3−	2+	3	2+	3−	1	1
8, ...	1−	2	3+	4−	2+	4	3−	5	2+	3−	0	1−
9, ...	0+	2+	3−	3−	2+	3	2+	5−	3−	3−	1	1−
10, ...	1	3−	3−	2+	2+	5−	3	5	4	3−	1−	0+
11, ...	1+	2+	2−	3−	3−	3	3−	5	3	1+	0	0
12, ...	1	2−	1+	2+	3	3	3−	5	3−	2	0	1−
13, ...	2	1+	2−	2+	3−	3	3	3−	3−	2	0	1+
14, ...	1+	2−	3−	2+	3−	2+	3	3+	2+	2	1−	2−
15, ...	2+	2−	2	3−	3−	2+	3	3	3−	2	1	2−
16, ...	3−	2	2	2+	3	3	3	3	3	1+	1−	2−
17, ...	3	2	2	2+	5	3+	3−	3	3−	2	0	2−
18, ...	3	2−	2	2+	5	3	3−	2+	3−	2−	2−	0
19, ...	2	2−	2+	2	5	3−	3−	3−	5	2−	2	0
20, ...	2+	2	2	2	5	3+	3	3	3−	2−	2	1−
21, ...	2	2	2	2	3	3−	4−	2+	3+	2−	2	0+
22, ...	2	2	2	2+	2+	3	4−	2+	3−	2	2	1
23, ...	2−	2+	2+	2	3−	3	3−	2+	3−	1+	2	2−
24, ...	2−	2+	2+	3−	2+	3	3−	2	3	2−	2+	2−
25, ...	2	2+	2	3	3−	3−	3−	3−	5	1+	2	1+
26, ...	2	2+	2+	2−	3−	3−	3	3	3	2−	2	2+
27, ...	2	2	3	2	2+	2+	4−	3	3−	2−	2	3−
28, ...	2	2	1−	2	3−	2+	4	3−	3	2−	2	2+
29, ...	2+	...	1+	2+	2+	3−	3−	3−	3	1+	2	2+
30, ...	3	...	2	2+	2+	3−	3−	2+	4	1+	2−	2−
31, ...	3	...	2	...	3−	...	3	2+	...	2−	...	2
Mean,.....	1.8	2.0	2.2	2.4	2.8	3.0	3.0	3.1	3.1	2.3	1.2	1.4

15. The tide-tables for the port of Hongkong for 1895 have been obtained by Mr. E. Roberts by aid of his tide-predicting machine from the hourly readings for the three years 1887, 1888 and 1889.

16. The number of transits observed by Mr. Plummer in 1894 was 660, the inclination of the axis was determined 288 times, and circumpolar stars for determination of azimuth and collimation errors were observed 13 times. The following miscellaneous observations have been made:—

Moon .....21 observations.
Sun .....82 ,,
Moon Culminating Stars .....13 ,,

the remainder (529) being for time determination. Each limb of the sun has been counted separately. The azimuth of the meridian mark above Wanchai, which I constructed in 1884, has been determined 8 times by Mr. Plummer, but it is not yet ascertained how much or to which side it deviates from the meridian, as that depends upon the weight attributed to individual measures, and the unweighted mean result is below the probable error. The rates of the standard clocks are exhibited in the following table. They are compared with the rates calculated from formulæ exhibited at the head of the tables. On September 10 at 10.30 a. the cord of the sidereal standard clock snapped while being wound up. The clock was kept going with a shortened cord until September 17 at 5 p. when it was stopped to admit of an alteration being made in the stopping gear. On this occasion all the pivots were oiled. The acceleration in the rate which took place in the earlier months, probably owing to dryness of the pivots, is not observable after the oiling of the pivots on September 17.

Table III.

Rate of Sidereal Standard Clock in 1894.

Jan. 1 – Sept. 2 $r_c = +0^s.08 - 0^s.063\ (\tau - 70°) - 0^s.0028\ (t - \text{Jan. 1.})$ [arc = 3° 6′ ± 1′]
Sept. 22 – Dec. 31 $r_c = -0^s.75 - 0^s.063\ (\tau - 70°)$ [arc = 3° 3′ ± 1′]

Period.			Observed rate r_o	Temp. τ	Calculated rate. r_c	$r_o - r_c$
			s.	°	s.	s.
December	26—January	5,.....	+0.33	65.0	+0.39	−0.06
January	5— „	15, ...	+0.56	60.8	+0.63	−0.07
„	15— „	25,.....	+0.33	65.0	+0.33	0.00
„	15—February	4,.....	+0.56	59.0	+0.69	−0.13
February	4— „	14,.....	+0.64	61.1	+0.53	+0.11
„	14— „	24,.....	+0.51	62.9	+0.39	+0.12
„	24—March	6,.....	+0.31	65.0	+0.22	+0.09
March	6— „	16,.....	+0.41	62.5	+0.35	+0.06
„	16— „	26,.....	+0.33	64.3	+0.21	+0.12
„	26—April	5,.....	+0.17	68.3	−0.06	+0.23
April	5— „	15,.....	−0.09	70.3	−0.22	+0.13
„	15— „	25,.....	−0.27	73.9	−0.48	+0.21
„	25—May	5,.....	−0.46	74.8	−0.56	+0.10
May	5— „	15,.....	−0.75	78.7	−0.84	+0.09
„	15— „	25,.....	−0.88	79.3	−0.89	+0.01
„	25—June	4,.....	−0.91	76.9	−0.78	−0.13
June	4— „	14,.....	−1.11	79.7	−0.98	−0.13
„	14— „	24,.....	−1.20	80.9	−1.04	−0.16
„	24—July	4,.....	−1.47	82.6	−1.22	−0.25
July	4— „	14,.....	−1.42	83.5	−1.31	−0.11
„	14— „	24,.....	−1.32	81.4	−1.20	−0.12
„	24—August	3,.....	−1.34	82.4	−1.29	−0.05
August	3— „	13,.....	−1.38	82.7	−1.34	−0.04
„	13— „	23,.....	−1.38	81.3	−1.28	−0.10
„	23—September	2,.....	−1.43	83.4	−1.45	+0.02
September	2— „	12,.....	.....	82.0	.....	.....
„	12— „	22,.....	.....	82.4	.....	.....
„	22—October	2,.....	−1.68	80.9	−1.44	−0.24
October	2— „	12,.....	−1.47	77.3	−1.21	−0.26
„	12— „	22,.....	−1.15	75.6	−1.10	−0.05
„	22—November	1,.....	−0.91	72.5	−0.91	0.00
November	1— „	11,.....	−0.71	70.5	−0.78	+0.07
„	11— „	21,.....	−0.63	69.9	−0.75	+0.12
„	21—December	1,.....	−0.75	72.7	−0.92	+0.17
December	1— „	11,.....	−0.62	68.7	−0.67	+0.05
„	11— „	21,.....	−0.33	63.3	−0.33	0.00
„	21— „	31,.....	−0.24	63.7	−0.36	+0.12

Table IV.

Rate of Brock Standard Mean Time Clock in 1894.

$r_c = -0^s.14 - 0^s.124\,(\tau - 75^\circ) - 0^s.0056\,(t - \text{Jan. 1.})$

Period.	Observed rate. r_o	Temp. τ	Arc. a	Calculated rate. r_c	$r_o - r_c$
	s.	°	° ′ ″	s.	s.
December 26—January 5, ...	+0.39	70.1	3 56 48	+0.47	−0.08
January 5— „ 15, ...	+0.71	66.3	3 55 42	+0.88	−0.17
„ 15— „ 25, ...	+0.42	70.1	3 56 42	+0.36	+0.06
„ 25—February 4, ...	+0.88	64.0	3 54 42	+1.05	−0.17
February 4— „ 14, ...	+0.47	66.3	3 54 42	+0.72	−0.25
„ 14— „ 24, ...	+0.38	68.7	3 54 42	+0.36	+0.02
„ 24—March 6, ...	+0.15	70.6	3 53 18	+0.07	+0.08
March 6— „ 16, ...	+0.25	68.0	3 53 18	+0.34	−0.09
„ 16— „ 26, ...	−0.01	69.9	3 53 48	+0.04	−0.05
„ 26—April 5, ...	−0.25	72.8	3 54 18	−0.37	+0.12
April 5— „ 15, ...	−0.50	74.4	3 54 12	−0.63	+0.13
„ 15— „ 25, ...	−0.73	77.6	3 53 48	−1.08	+0.35
„ 25—May 5, ...	−0.87	78.1	3 53 18	−1.19	+0.32
May 5— „ 15, ...	−1.33	81.4	3 53 42	−1.66	+0.33
„ 15— „ 25, ...	−1.52	81.2	3 54 18	−1.69	+0.17
„ 25—June 4, ...	−1.62	79.4	3 55 6	−1.53	−0.09
June 4— „ 14, ...	−1.91	81.6	3 54 24	−1.86	−0.05
„ 14— „ 24, ...	−2.18	83.0	3 54 12	−2.08	−0.10
„ 24—July 4, ...	−2.36	84.3	3 55 24	−2.30	−0.06
July 4— „ 14, ...	−2.50	84.7	3 56 0	−2.40	−0.10
„ 14— „ 24, ...	−2.53	83.3	3 56 6	−2.29	−0.24
„ 24—August 3, ...	−2.54	84.2	3 55 54	−2.46	−0.08
August 3— „ 13, ...	−2.59	84.6	3 56 6	−2.56	−0.03
„ 13— „ 23, ...	−2.52	83.3	3 55 0	−2.46	−0.06
„ 23—September 2, ...	−2.63	85.4	3 54 42	−2.77	+0.14
September 2— „ 12, ...	−2.63	84.5	3 55 12	−2.72	+0.09
„ 12— „ 22, ...	−2.71	84.7	3 55 12	−2.80	+0.09
„ 22—October 2, ...	−2.58	83.6	3 55 30	−2.72	+0.14
October 2— „ 12, ...	−2.47	79.6	3 55 30	−2.28	−0.19
„ 12— „ 22, ...	−2.30	77.9	3 55 30	−2.12	−0.18
„ 22—November 1, ...	−2.13	75.2	3 56 30	−1.94	−0.19
November 1— „ 11, ...	−1.78	73.5	3 56 30	−1.69	−0.09
„ 11— „ 21, ...	−1.56	74.2	3 56 36	−1.83	+0.27
„ 21—December 1, ...	−1.82	75.5	3 56 42	−2.05	+0.23
December 1— „ 11, ...	−1.70	70.8	3 56 48	−1.52	−0.18
„ 11— „ 21, ...	−1.39	67.5	3 56 18	−1.17	−0.22
„ 21— „ 31, ...	−1.26	68.3	3 56 0	−1.33	+0.07

17. The rate of the Brock Standard Mean Time Clock, reduced to 75°, appears to depend to some extent upon the position of the weight; going faster immediately after the clock is wound up, and gradually more and more slowly until the time of the next winding. This seven-day period has been observed ever since the clock was erected in August 1891, as is shown in the following table:—

	Interval. Weeks	*Mean Daily Rate for 3 days after winding*	*Mean Daily Rate for 4 days before winding*	*Difference*
Jan. 5, 1892—Jan. 16, 1893	54	+ 2ˢ.583	+ 2ˢ.651	− 0ˢ.068
Jan. 20, 1893—Dec. 21, 1893	48	+ 2.442	+ 2.553	− 0.111
Jan. 23, 1894—Mar. 5, 1895	58	− 1.392	− 1.336	− 0.056

The daily change of rate due to this cause has been determined for the intermediate period and together with the observed arc of the pendulum corresponding thereto is shown below. It is to be remarked that the clock is regularly wound on Monday morning, and that the rate for the 24 hours subsequent to that is entered opposite to the day. The sudden increase of the arc of the pendulum on Saturday is due to the fact that it is then often read by Mr. Figg, whose habit of observing it is to give a greater reading than Mr. Plummer who has made the other observations:—

	Mean Daily Rate.	*Mean Arc of Pendulum.*
Monday, ...	+ 2ˢ.428	3° 56′ 55″
Tuesday, ...	+ 2.444	3 56 54
Wednesday, ...	+ 2.455	3 56 46
Thursday, ...	+ 2.497	3 56 48
Friday, ...	+ 2.543	3 56 3
Saturday, ...	+ 2.593	3 56 43
Sunday, ...	+ 2.571	3 56 1

18. During the year 1894 the Time Ball has been dropped daily except on Government holidays. On the 29th July it was not hoisted as one of the wires in the discharge circuit was found corroded. On the 19th September, the 25th and 30th of the same month, and also on the 5th October the wind was two strong to risk hoisting the ball. The line was interrupted on the 6th and 7th October. The ball failed once in 1894. The failure was due to the top of the cylinder being dirty with thickened oil.—The following table exhibits the errors of the time-ball in 1894. It will be seen that these never exceeded a half a second perceptibly, and that in nearly three out of four cases there was practically no error noticeable. This was due to the care bestowed upon the astronomical observations by Mr. Plummer.

Table V.

Errors of Time-Ball in 1894.

− means too late. + means too early.

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

19. During my absence on leave from the 28th May to the 26th December, inclusive, after eleven years continuous service in the Colony, Mr. J. I. PLUMMER, Chief Assistant, took charge of the astronomical and magnetic observations, including the time-ball, and Mr. F. G. FIGG, First Assistant, attended to weather-forecasts and storm-warnings and superintended the meteorological work. The way Mr. FIGG discharged these duties, which are of considerable importance to shipping, during my absence, is deserving of the highest praise, and calls, I respectfully submit, for some reward from the Government. Miss A. DOBERCK, Assistant Meteorologist, attended to maritime meteorology and made weather maps. Mr. HO TO SHANG, Second Assistant, attended to the monthly and annual weather-reports, in which he was assisted by two native computers, who also made hourly observations day and night and attended to electric and photographic work. Some of the instruments suffered during my absence from various causes, but I expect to have them in as good order next summer as they were last spring.

20. Observations of magnetic declination and horizontal force were made by Mr. PLUMMER and reduced by Mr. FIGG 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 Observations and Researches made in 1885:* "On the verification of the unifilar magnetometer Elliott Brothers No. 55." The value of log π^2 K was 3.44901 at 25°. The value of P was +8.360. The mean value of the magnetic moment of the vibrating needle was 0.45363 in English units and 592.24 in C. G. S. units.

The times of vibration exhibited is 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 centimetre, one gramme, one second), but the monthly synopsis exhibites **X**, the horizontal, as well as **Y**, the vertical, and total forces, which have been computed by aid of the observed dips, and their value is also given in English units (one foot, one grain, one second) and in Gauss's units (one millimetre, one milligramme, one second.]

21. The cisterns of the barograph and standard barometers are placed 109 feet above M.S.L. The bulbs of the thermometers are rotated 108 feet above M.S.L., and 4 feet above the grass. The solar radiation thermometer is placed at the same height. The rim of the rain-guage is 105 feet above M.S.L., and 21 inches above the ground.

22. The monthly weather reports are arranged as follows :—

Table I. exhibits the hourly readings of the barometer reduced to freezing point of water, but not to sea level, as measured (at two minutes to the hour named) from the barograms.

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

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

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

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

Table VII. exhibits the velocity of the wind in miles and its direction in points (1-32). The velocity is measured from half an hour before to half an hour after the hour named, but the direction is read off at the hour.

After the typhoon of October 5th to 6th the axis on which the cups revolve was found to be broken just above the point where the cups are fixed. This is believed to have occurred at about 4.30 p. on the 5th. The velocity recorded for 5 p. (4.30 p. to 5.30 p.) was only 46 miles and during this interval the wind was estimated to be at its worst and to be blowing with full typhoon force. The velocity recorded for 6 p. (5.30 p. to 6.30 p.) was 67 miles and during the hour the wind was also estimated to be of typhoon force, but perhaps somewhat less violent than during the preceding hour. The values 85 and 80 miles have, therefore, been substituted for these two hours respectively in place of those actually recorded. The values for subsequent hours agree very well with the estimations of force on

the whole and they have, therefore, been entered as recorded. It is believed that the record was but little affected except for the two hours named when the cups were observed to wobble to a great extent during the violent squalls.

Table VIII. exhibits the amount (0-10), name (Howard's classification) and direction whence coming of the clouds. Where the names of upper and lower clouds are given, but only one direction, this refers to the lower clouds.

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

Below this is printed a list of the phenomena observed.

23. The following annual weather report for 1894 is arranged as follows:—

Table VI. exhibits the mean values for the year (or hourly excess above this) obtained from the monthly reports. The total duration of rain was 846 hours. There fell at least 0.01 inch of rain on 145 days.

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

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

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

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

Table XI. is arranged as last year.

Table XII. exhibits the monthly and annual extremes. The extremes of humidity and vapour tension are only approximate as the hourly values were not calculated.

Table XIII. contains five-day means.

Table XIV, XV, XVI. contain magnetic observations.

I have the honour to be,

Sir,

Your most obedient Servant,

W. Doberck,
Director.

The Honourable

The Colonial Secretary,

&c., &c., &c.

Table VI.

Mean Values and Hourly Excess above the Mean of Meteorological Elements in 1894.

	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Mean or Total.
Pressure,	+.005	—.006	—.016	—.018	—.014	—.001	+.016	+.030	+.040	+.042	+.036	+.017	—.007	—.027	—.040	—.045	—.040	—.031	—.017	+.001	+.015	+.023	+.022	+.015	29.843
Temperature,	— 1.4	— 1.7	— 1.9	— 2.0	— 2.1	— 2.1	— 1.5	— 0.5	+ 0.7	+ 1.5	+ 2.2	+ 2.6	+ 2.8	+ 2.7	+ 2.4	+ 1.9	+ 1.0	+ 0.1	— 0.3	— 0.5	— 0.7	— 0.9	— 1.0	— 1.2	71.7
Diurnal Range,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.0
Humidity,	+ 5	+ 5	+ 5	+ 4	+ 4	+ 4	+ 2	0	— 3	— 5	— 6	— 8	— 8	— 8	— 7	— 5	— 3	0	+ 2	+ 3	+ 3	+ 4	+ 4	+ 5	77
Vapour Tension,	+.007	+.003	—.001	—.004	—.007	—.008	—.005	—.003	—.004	—.007	—.006	—.007	—.006	—.005	—.005	—.001	—.002	+.002	+.006	+.009	+.010	+.012	+.011	+.011	0.630
Sunshine (Total),	...	...	...	...	...	12.0	89.3	155.6	174.7	193.0	198.0	203.8	207.4	204.3	200.6	173.2	108.1	14.7	...	...	...	...	...	...	1934.7
Rainfall, (Total),	1.850	5.025	5.315	4.160	3.335	5.780	5.700	5.705	8.215	5.990	9.040	5.635	5.820	3.535	4.200	3.760	3.305	4.920	2.850	2.810	2.235	2.255	1.235	1.575	104.250
Hours of Rain (Total),	39	47	49	56	49	62	55	47	48	38	32	44	48	47	41	40	32	31	33	28	38	29	29	32	994
Intensity of Rain,	0.047	0.107	0.108	0.074	0.068	0.093	0.104	0.121	0.171	0.158	0.282	0.128	0.121	0.075	0.102	0.094	0.103	0.159	0.086	0.100	0.059	0.078	0.043	0.049	0.105
Wind-Velocity,	— 0.5	— 0.4	— 0.4	— 0.9	— 0.8	— 1.2	— 1.0	— 0.2	+ 0.8	+ 1.3	+ 2.0	+ 2.1	+ 1.8	+ 1.4	+ 1.2	+ 1.0	+ 0.4	— 0.5	— 1.1	— 1.8	— 1.0	— 1.1	— 0.7	— 0.4	14.0
Wind-Direction,	— 6°	— 7°	— 6°	— 5°	— 3°	— 3°	— 5°	— 4°	— 2°	+ 1°	+ 4°	+ 8°	+ 13°	+ 13°	+ 14°	+ 13°	+ 8°	+ 3°	— 1°	— 2°	— 6°	— 7°	— 6°	— 4°	E
Cloudiness,	— 1	...	...	+ 2	...	...	+ 7	...	...	+ 5	...	...	0	...	...	+ 1	...	...	— 7	...	...	— 8	...	...	61
Solar Radiation,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	128.2
Excess of do. do.,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52.4

Table VII.

Number of Hours during portion of which it rained for each Month in the Year 1894.

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,	6	3	2	1	3	1	...	...	...	1	...	2	4	5	2	...	...	1	3	2	3	4	4	5	52
February,	1	...	1	2	2	2	4	3	2	1	1	1	1	1	...	...	2	2	3	1	1	...	1	1	33
March,	2	2	1	3	1	3	1	1	...	...	...	1	1	1	1	1	...	...	1	1	3	1	1	3	29
April,	...	1	2	5	3	5	6	2	2	3	1	1	2	1	1	1	1	1	1	1	2	3	4	2	51
May,	5	7	7	8	5	7	6	6	9	9	6	4	7	7	5	9	7	7	6	7	4	4	4	4	150
June,	4	7	8	6	8	11	9	5	9	6	7	8	8	7	6	6	8	4	3	5	4	4	3	3	149
July,	6	7	5	7	9	10	6	6	10	4	5	8	8	4	8	9	5	4	4	2	4	3	...	2	136
August,	1	5	6	6	5	6	8	7	3	6	4	7	7	7	6	3	1	3	1	...	2	1	...	1	96
September,	8	8	8	10	8	9	8	9	8	5	3	7	5	9	8	6	4	4	5	4	9	5	6	4	160
October,	4	4	4	3	3	3	3	4	2	2	3	3	3	4	3	4	3	4	4	2	4	4	3	4	80
November,	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	4
December,	2	3	5	5	2	4	4	4	3	1	2	2	2	1	1	1	1	1	2	3	2	...	2	1	54
Total,	39	47	49	56	49	62	55	47	48	38	32	44	48	47	41	40	32	31	33	28	38	29	29	32	994

Table VIII.

Number of Days with Wind from eight different points of the Compass during each Month of the Year 1894.

Month.	N.	NE.	E.	SE.	S	SW.	W	NW.
January,	6	4	20	1	...	...	...	...
February,	1	2	25	...	...	...	...	...
March,	2	1	22	1	...	...	3	2
April,	...	1	26	1	...	...	1	1
May,	...	2	18	3	5	2	1	...
June,	...	...	15	2	3	9	1	...
July,	...	...	16	6	4	4	1	...
August,	1	1	11	2	4	5	7	...
September,	...	7	19	3	...	...	1	...
October,	13	9	6	2	...	1	...	...
November,	5	6	16	...	...	...	1	2
December,	9	6	15	...	...	...	...	1
Sum,	37	39	209	21	16	21	16	6

Table IX.

Total Number of Days on which different Meteorological Phenomena were noted and Total Number of Thunderstorms during each Month of the Year 1894.

Month.	Fog.	Electric Phenomena.	Lightning.	Thunder.	Thunder-storms.	Unusual Visibility.	Dew.	Rainbows.	Lunar Halo.	Lunar Corona.	Solar Halo.	Solar Corona.
January,	5	...	...	...	...	4	...	...	...	1	...	...
February,	4	...	...	...	...	1	2	...	...	2	...	...
March,	5	1	1	1	...	1	3	...	5	...	3	...
April,	12	7	4	5	1	1	15	...	...	2	1	...
May,	...	13	13	8	8	1	5	1	1	3	2	...
June,	1	17	16	14	12	...	7	1	7	2	5	...
July,	2	17	15	10	2	1	11	4	6	7	5	...
August,	7	25	22	15	8	...	14	2	9	3	5	2
September,	2	14	11	8	3	1	3	1	6	6	6	...
October,	...	2	2	...	...	2	...	1	...	2	1	...
November,	2	...	...	...	...	...	1	...	2	1	4	...
December,	...	...	...	...	...	1	...	1	...	1	1	...
Sums,	40	96	84	61	34	13	61	11	36	30	33	2

Table X.

Total Number of Times that Clouds of different forms were observed in each Month of the Year 1894.

Month.	c.	c-str.	c-cum.	sm-cum.	cum.	cum-str.	str.	R-cum.	cum-nim.	nim.
January,	...	...	...	74	79	...	29	7	18	24
February,	...	1	9	65	82	...	21	1	10	20
March,	...	12	9	75	111	...	23	2	14	25
April,	...	4	16	31	125	...	14	1	14	37
May,	...	12	29	25	127	...	19	5	20	60
June,	...	21	44	45	169	1	18	3	9	42
July,	...	37	66	28	190	1	15	1	3	30
August,	...	26	56	29	162	4	32	...	5	28
September,	...	27	60	25	161	3	19	11	7	29
October,	...	2	32	59	139	...	11	9	6	24
November,	2	16	28	39	86	...	9	5	1	1
December,	...	3	8	67	76	...	19	5	2	27
Sums,	2	161	357	562	1507	9	229	50	109	347

Table XI.

Month.	Barometric Tide.	Mean Diurnal Variability of Temperature.	Weight of Water Vapour in Troy Grains in each cubic foot of Air.	Rainfall.		Hourly Intensity of Rain.	Mean Direction of Clouds whence coming.			Number of Days with Clouds below	
				Mean.	1894.		Lower.	Upper.	Cirrus.	2,000 ft.	1,000 ft.
January, ...	0.103	2°.29	4.33	0.98	0.895	0.012	E 10° S	W 24° S	...	13	7
February, ...	0.111	2 .73	4.34	1.32	0.580	0.011	E 9° S	W 32° S	...	8	4
March, ...	0.105	2 .30	4.97	3.24	0.270	0.005	E 13° S	W 1° S	...	12	8
April, ...	0.093	1 .75	7.22	5.27	2.485	0.030	E 31° S	W 13° S	...	18	14
May, ...	0.081	1 .70	8.28	12.54	20.010	0.142	E 55° S	W 17° N	...	22	6
June, ...	0.066	1 .29	9.27	15.81	16.540	0.155	E 89° S	W 85° N	...	17	3
July, ...	0.066	1 .12	9.33	15.98	9.475	0.126	E 55° S	N 42° E	...	13	...
August, ...	0.072	1 .12	9.46	14.85	16.530	0.280	S 29° W	N 10° W	...	18	7
September, ...	0.074	1 .22	8.86	12 65	19.110	0.208	E 5° N	N 3° E	...	6	...
October, ...	0.096	1 .00	6.24	5.36	17.570	0.293	E 24° N	N 42° W	...	3	...
November, ...	0.109	1 .21	4.80	1.17	0.030	0.030	E 20° N	W 57° S	SW	1	...
December, ...	0.107	2 .61	4.09	1.00	0.755	0.015	E 7° N	W 43° S	...	4	4
Mean, ...	0.090	1 .70	6.77	90.17	104.250	0.109	E 27° S	W 1° N	...	135	53

Table XII.

Monthly Extremes of the Principal Meteorological Elements registered during the year 1894.

Month.	Barometer.		Temperature.		Humidity.	Vapour Tension.		Rain.		Wind Velocity.	Radiation.
	Max.	Min.	Max.	Min.	Min.	Max.	Min.	Daily Max.	Hourly Max.	Max.	Sun Max.
January, ...	30.246	29.718	73.8	42.5	23	0.652	0.102	0.245	0.115	37	146.5
February, ...	.310	.850	73.9	41.4	24	0.562	0 096	0.260	0.045	42	136.0
March, ...	.239	.680	79.2	49.6	26	0.703	0.197	0.110	0.030	49	140.2
April, ...	29.964	.649	83.2	59.8	49	0.779	0.420	1.365	0.705	38	142.3
May, ...	.946	.554	89.2	68.4	46	0.954	0.393	6.180	1.500	42	148.8
June, ...	.825	.414	88.9	73.6	60	1.034	0.678	3.405	1.225	48	146.5
July, ...	.820	.499	89.4	73.5	57	1.012	0.680	1.595	0.690	32	156.0
August, ...	.846	.335	90.2	73.1	62	1.012	0.758	5.670	1.230	32	149.1
September, ...	.846	.311	92.9	75.0	52	1.022	0.661	5.785	0.995	86	150.5
October, ...	30.062	.089	85.2	65.3	38	0.941	0.304	10.190	1.400	85	149.3
November, ...	.161	.747	81.2	61.8	10	0.731	0.067	0.015	0.010	40	149.6
December, ...	.349	.845	75.1	48.5	15	0.597	0.066	0.250	0.065	34	136.7
Year, ...	30.349	29.089	92.9	41.4	10	1.034	0.066	10.190	1.500	86	156.0

Table XIII.

Five-Day-Means of the Principal Meteorological Elements observed at Hongkong in 1894.

Five-Day Periods.	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Velocity.	Nebulosity.	Sunshine.	Rain.
January 1– 5	29.960	62.8	71	0.404	16.3	4.8	5.5	0 000
„ 6–10	30.109	54.5	47	0.202	10.9	1.4	9.4	0.000
„ 11–15	.041	61.9	67	0.376	17.2	5.4	5.3	0.001
„ 16–20	29.949	63.0	87	0.505	14.9	9.7	0.2	0.022
„ 21–25	.881	63.5	90	0.529	18.3	7.8	4.7	0.077
„ 26–30	30.002	55.1	83	0.372	13.2	10.0	0.1	0.073
„ 31– 4	.164	51.2	60	0.238	14.6	7.7	2.7	0.028
February 5– 9	.063	59.4	90	0.460	16.4	8.6	1.1	0.077
„ 10–14	.105	61.0	72	0.393	12.6	5.6	6.1	0.016
„ 15–19	.065	61.1	68	0.369	13.7	3.4	7.6	0.000
„ 20–24	29.999	63.2	74	0.433	15.8	5.1	6.3	0.000
„ 25– 1	.959	61.1	84	0.453	24.5	7.2	4.5	0.001
March 2– 6	.786	65.7	93	0.592	17.5	9.0	1.9	0.010
„ 7–11	.969	57.5	81	0.394	9.9	9 0	1.4	0.038
„ 12–16	30.112	61.3	73	0.399	17.1	5.1	6.0	0.000
„ 17–21	29.977	62.0	73	0.409	22.6	6.8	4.3	0.000
„ 22–26	.877	67.1	73	0.486	15.4	6.0	6.1	0.000
„ 27–31	.939	66.9	66	0.436	8 0	4.0	6.0	0.006
April 1– 5	.874	69.7	83	0.607	9.0	2.6	8.1	0.002
„ 6–10	.813	66.5	89	0.581	17.4	9.7	0.1	0.404
„ 11–15	.821	70.7	91	0.681	13 0	6.9	4.9	0.015
„ 16–20	.815	72.4	93	0.734	13.6	7.9	3.8	0.008
„ 21–25	.801	74.1	86	0 730	8.7	5.0	5.8	0.063
„ 26–30	.854	74.1	80	0.675	15.7	4.3	8.5	0.005
May 1– 5	.866	74.7	84	0.722	16.2	6.1	6.4	0.005
„ 6–10	.712	77.8	84	0.801	13.4	5.0	7.4	0.059
„ 11–15	.673	79.7	82	0.829	9.8	5.4	6.8	0.037
„ 16–20	.673	79.1	89	0 880	14.0	9.7	0.5	3.334
„ 21–25	.738	75.0	74	0.645	20.5	9.1	1.5	0.480
„ 26–30	.691	74.2	89	0.753	20.9	8.7	2.4	0.069
„ 31– 4	.658	79.6	85	0.861	18.5	8.7	2.5	0.585
June 5– 9	.602	79.2	82	0.821	14.8	7.7	4.1	0.560
„ 10–14	.716	77.8	89	0.850	9.1	8.5	2.2	0.816
„ 15–19	.728	79.6	88	0.891	14.3	8.1	4.2	0.888
„ 20–24	.639	80.1	86	0.885	12.7	7.0	4.1	0.350
„ 25–29	.581	81.9	84	0.917	13.5	4.8	7.4	0.127
„ 30– 4	.623	81.9	83	0.905	9.4	5.5	7.9	0.112
July 5– 9	.665	83.0	80	0.896	10.1	6 2	6.4	0.108
„ 10–14	.749	81.1	81	0.863	8.0	5.3	6.2	0.322
„ 15–19	.686	80.1	82	0.846	11.3	5.5	9.0	0.230
„ 20–24	.610	79.9	87	0.881	15.9	7.1	4.5	0.405
„ 25–29	.646	80.1	86	0.883	11.8	7.2	4.1	0.718
„ 30– 3	.573	83.6	80	0.926	8.3	2.5	11.2	0.000
August..... 4– 8	.484	81.7	83	0.899	12.9	8.3	3.2	0.661
„ 9–13	.587	78.0	92	0.881	10.4	9.6	0.3	2.041
„ 14–18	.685	78.9	89	0.873	6.0	8.2	2.9	0.202
„ 19–23	.722	81.4	83	0.891	4.4	3.2	9.2	0.076
„ 24–28	.707	81.9	82	0.890	14.5	5.8	6.6	0.326
„ 29– 2	.781	81.9	81	0.884	6.9	3.4	9.2	0.018
September 3– 7	.772	81.0	72	0.767	16.0	4.7	7.1	0.044
„ 8–12	.666	81.4	79	0.839	22.2	6.6	6.8	0.255
„ 13–17	.699	81.6	81	0.876	7.8	5.7	7.9	0.259
„ 18–22	.612	80.9	80	0.844	23.5	7.1	3.5	1.292
„ 23–27	.644	80.3	82	0.849	22.2	7.4	5.2	1.274
„ 28– 2	.657	80.2	81	0.839	27.6	8.0	2.3	0.809
October..... 3– 7	.609	76.2	84	0.759	31.6	8.8	2.7	3.375
„ 8–12	.875	75.9	71	0.637	10.3	6.3	5.5	0.010
„ 13–17	.877	75.8	63	0.561	15.5	2.2	9.2	0.000
„ 18–22	.973	73.9	65	0.541	12.6	6.0	6.5	0.000
„ 23–27	.977	70.9	56	0.423	11.1	4.3	7.5	0.000
„ 28– 1	.967	71.3	55	0.425	10.4	3.1	8.5	0.003
November 2– 6	.999	68.8	48	0.336	13.2	1.0	10.2	0.001
„ 7–11	.979	70.4	53	0.396	12.7	0.7	10.0	0.000
„ 12–16	30 073	68.3	51	0 354	12.5	0.3	10.1	0.000
„ 17–21	29.882	72.3	61	0 490	8.1	5.7	4.8	0.002
„ 22–26	30.074	69.6	74	0.536	17.0	5.9	4.6	0.000
„ 27– 1	29.988	70.3	75	0.560	13.9	6.2	4.8	0.000
December..... 2– 6	.962	66.5	66	0.432	8.3	6.7	3.5	0.018
„ 7–11	30.017	62.7	53	0.311	9.1	1.4	9.7	0.000
„ 12–16	.105	64.6	68	0.418	15.0	8.2	2.5	0.000
„ 17–21	.262	56.3	39	0.181	11.8	1.6	9.1	0.000
„ 22–26	.019	64.3	73	0.442	15.9	6.0	4.1	0.007
„ 27–31	.021	58.6	86	0.428	11.1	9.8	0.2	0.126

Table XIV.

Observations of Magnetic Declination and Dip.

1894..	H.K.M.T.	Declination East.	Observer.	H.K.M.T.	Dip North.	Needle No.	Observer.
February,.....	13d. 4h. 25m. p.	0° 30′ 15″	J.I.P.	13d. 3h. 18m p.	31° 53′.29	3	J.I.P.
	14 4 32 p.	0 30 26	"	"	56 .62	4	"
	15 2 28 p.	0 29 53	"	15 3 47 p.	54 .81	3	"
	17 2 48 p.	0 29 40	F.G.F.	"	55 .69	4	"
April, ...	13 4 23 p.	0 29 45	J.I.P.	13 3 16 p.	54 .47	3	"
	16 4 31 p.	0 28 57	"	"	55 .72	4	"
	17 2 28 p.	0 26 38	"	17 3 54 p.	52 .72	3	"
	18 2 52 p.	0 29 44	"	"	52 .72	4	"
June, ...	13 4 18 p.	0 29 58	"	13 3 11 p.	51 .63	3	"
	14 4 31 p.	0 28 29	"	"	53 .22	4	"
	15 2 31 p.	0 29 5	"	15 3 53 p.	53 .56	3	"
	16 3 3 p.	0 28 27	"	"	54 .75	4	"
August, ...	13 4 38 p.	0 29 27	"	13 3 22 p.	51 .79	3	"
	14 4 35 p.	0 29 46	"	"	53 .03	4	"
	15 2 26 p.	0 26 39	"	15 3 56 p.	54 .06	3	"
	16 2 31 p.	0 26 12	"	"	54 .44	4	"
October, ...	15 4 31 p.	0 29 33	"	15 3 23 p.	50 .88	3	"
	16 4 46 p.	0 31 14	"	"	51 .44	4	"
	17 2 41 p.	0 29 51	"	17 4 5 p.	54 .06	3	"
	18 2 30 p.	0 27 8	"	"	54 .58	4	"
December, ...	17 4 22 p.	0 28 24	"	17 3 17 p.	49 .60	3	"
	18 4 30 p.	0 32 44	"	"	49 .38	4	"
	19 2 28 p.	0 28 52	"	19 4 1 p.	49 .13	3	"
	20 2 48 p.	0 28 57	"	"	53 .42	4	"

Table XV.

Observations of Horizontal Magnetic Force.

Date.	H.K.M.T.	Time of one Vibration.	Temperature Cent.	Log m X.	Value of m.	H.K.M.T.	Distance in Centimetres.	Temperature Cent.	Deflection.	Log $\frac{m}{X}$	Value of X.	Observer.
1894. February 14,...	3h. 8m. p.	3s. .6088	20°.0	2.33599	594.21	2h. 32m. p.	30	19°.3	6° 56′ 45″	3.21189	0.36480	J.I.P.
							40		2 56 1			
						3 51 p.	30	21 .2	6 56 14			"
							40		2 55 5			
April 16,...	3 11 p.	3 .6145	26 .4	2.33481	593.26	2 40 p.	30	26 .8	6 54 56	3.21167	0.36439	"
							40		2 53 52			
						3 51 p.	30	27 .0	6 55 14			"
							40		2 53 40			
June 14,...	3 9 p.	3 .6188	30 .5	2.33519	593.30	2 35 p.	30	30 .7	6 53 52	3.21135	0.36468	"
							40		2 52 53			
						3 50 p.	30	30 .9	6 54 14			"
							40		2 53 35			
August 14,...	3 13 p.	3 .6203	27 .4	2.33347	591.73	2 37 p.	30	27 .1	6 54 10	3.21078	0.36421	"
							40		2 53 40			
						3 54 p.	30	26 .9	6 54 15			"
							40		2 53 21			
October 16,...	3 18 p.	3 .6253	28 .3	2.33248	590.27	2 45 p.	30	29 .3	6 52 56	3.20962	0.36427	"
							40		2 53 17			
						4 3 p.	30	29 .3	6 52 28			"
							40		2 52 44			
December 18,...	3 15 p.	3 .6164	18 .9	2.33323	590.67	2 45 p.	30	19 .3	6 54 19	3.20948	0.36464	"
							40		2 53 59			
						3 54 p.	30	18 .9	6 54 25			"
							40		2 53 57			

Table XVI.

Results of Magnetic Observations in 1894.

Month.	Declination East.	Dip North.	MAGNETIC FORCE. English Units. X	Y.	Total.	Metric Units. X.	Y.	Total.	C. G. S. Units. X.	Y.	Total.
1894. February, ...	0° 30′ 3″	31° 55′ 6″	7.9117	4.9281	9.3212	3.6480	2.2723	4.2978	0.36480	0.22723	0.42978
April, ...	28 46	53 55	7.9030	4.9189	9.3087	3.6439	2.2681	4.2921	0.36439	0.22681	0.42921
June, ...	29 0	53 17	7.9093	4.9209	9.3152	3.6468	2.2689	4.2951	0.36468	0.22689	0.42951
August, ...	28 1	53 20	7.8990	4.9145	9 3032	3.6421	2.2660	4.2895	0.36421	0.22660	0.42895
October, ...	29 26	52 44	7.9004	4.9136	9.3038	3.6427	2.2656	4.2898	0.36427	0.22656	0.42898
December, ...	29 44	50 23	7.9084	4.9110	9.3092	3.6464	2.2644	4.2923	0.36464	0.22644	0.42923
Mean,.....	0 29 10	31 53 7	7.9053	4.9178	9.3102	3.6450	2.2675	4.2928	0.36450	0.22675	0.42928

APPENDIX.

THE TYPHOONS OF 1894.

By F. G. Figg.

(With two plates.)

The following account of the typhoons of 1894 is accompanied by two plates showing the tracks. On these plates the month is written at the commencement of each track and the position of the centre at noon is marked by the date. Where the tracks are uncertain they are dotted.

For comparison the weather information issued from the Hongkong Observatory, concerning each typhoon, is given in inverted commas.

May 8th, 10.19 a. "Depression East of Luzon."

May 8th, 10.50 a. "Barometer unsteady. Gradients moderate for NE winds on S coast. Sea moderate. Weather unsettled, some showers."

This depression (I) appears to have recurved to the East of Luzon, but no further information has been obtained.

May 28th, 10.56 a. "Trough of low pressure extends across the middle part of the China Sea. SW winds prevail to the southward and NE winds to the northward of the area. On S coast, fresh NE winds, squally, with light rain. Sea moderate."

May 28th, 4.25 p. "Depression SW of Bolinao."

May 29th, 10.22 a. "Depression appears to be moving westward."

May 29th, 10.50 a. "Barometer unsteady on S coast rising in Luzon. Moderate NE winds on S coast with fair weather. Sea moderate."

May 30th, 10.52 a. "Pressure is lowest in the NW part of China Sea. Moderate E winds on S coast and SW winds in S part of China Sea. Sea slight. Weather cloudy, some drizzling rain."

May 31st, 10.46 a. "Barometer unsteady. Gradients moderate for SE winds. Sea moderate. Weather squally with thundershowers."

June 1st, 10.57 a. "Barometer unsteady. Gradients rather steep for S winds. Sea moderate. Weather squally with thundershowers."

June 2nd, 11.00 a. "Barometer unsteady. Moderate SW winds. Sea moderate. Weather squally with thundershowers."

The following are the observations for noon during the above period :—

COAST STATIONS.

	May 28th.				May 29th.				May 30th.			
	Bar.	Wind. Dir.	Wind. Force.	Weather.	Bar.	Wind. Dir.	Wind. Force.	Weather.	Bar.	Wind. Dir.	Wind. Force.	Weather.
Swatow,	29.80	E	2	c.	29.78	E	2	c.	29.80	E	2	o.
Hongkong,	.82	E	3	o.	.83	E	3	b.	.82	E	3	o.
Hoihow,	.77	NNE	1	c.	.77	SE	2	b.	.77	NE	3	o.
Bolinao,	.72	SE	2	c.	.75	var.	2	c.	.81	S	2	c.
Cape St. James,	...	SW	3	c.	...	S	3	o.	...	SW	3	olt.

	May 31st.				June 1st.				June 2nd.			
Foochow,	29.87	NE	2	c.	29.83	WSW	1	c.	29.81	calm		or.
Amoy,	.88	SE	2	b.	.86	SE	1	c.	.66	S	4	or.
Swatow,	.83	E	3	o.	.80	SE	3	od.	.67	SW	3	o.
Canton,	.80	SE	3	c.	.68	SSE	4	or.	.74	WSW	3	o.
Hongkong,	.83	SE	3	o.	.78	S	4	or.	.77	WSW	2	or.
Pakhoi,	.64	NE	3	c.	.70	NW	3	c.	.72	SW	2	op.
Hoihow,	.39	E	8	orq.	.80	SSW	2	orq.	.80	ESE	1	c.
Bolinao,	.88	SSW	2	c.	.87	var.	1	b.	.88	ESE	1	b.
Cape St. James,	...	SW	5	o.	...	SW	2	c.	...	calm		b.

VESSELS.

May 28th.

	Lat.	Long.	Bar.	Wind. Dir.	Wind. Force.	Weather.
S.S. Amoy,	24° 49′	118° 58′	29.87	NE	3	c.
„ Ariake Maru,	23 44	118 04	.84	NE	4	o.
„ Hanoi,	21 56	113 44	.82	SE	5	or.
Bk. Maiden City,	21 49	113 26	...	E	5	...
S.S. Sishan,	17° 56′	111° 44′	29.82	SSW	2	c.
„ Mathilde,	16 09	108 10	.74	SE	2	c.
„ Chowfa,	11 28	109 05	.85	S	3	c.
„ Memnon,	11 46	119 52	.64	SSW	5	or.

May 29th.

S.S. Lyeemoon,	23° 20′	117° 30′	29.86	NE	3	c.	S.S. Nanyang,	16° 12′	110° 24′	29.75	SE	1	c.
Bk. Maiden City,	21 12	113 49	...	E	5	o.	„ Sishan,	13 58	110 00	.78	SW	1	o.
S.S. Bengloe,	19 18	112 26	.72	E	2	b.	„ Memnon,	14 09	118 50	.77	SSW	7	c.
I.M.C.C. Kaipan,	18 26	109 30	.79	SW	1	c.	Bk. F. Skolfield,	10 12	108 27	...	SW	5	...

May 30th.

S.S. Peiyang,	22° 35′	115° 48′	29.86	ENE	3	o.	S.S. Memnon,	17° 27′	117° 31′	29.79	SSW	5	c.
„ Nanyang,	19 46	112 28	.75	NE	3	or.	„ Mathilde,	16 09	108 10	.70	NE	4	b.
„ Chowfa,	19 22	108 24	.73	NE	3	c.	„ Borneo,	11 52	109 50	.89	SW	5	orq.
I.M.C.C. Kaipan,	18 26	109 30	.77	S	2	c.	„ Kong Beng,	10 56	108 23	.75	SW	4	o.

May 31st.

S.S. Ningpo,	22° 58′	117° 09′	29.87	ENE	2	...	S.S. Swatow,	At Hoihow		...	ENE	8	orq.
„ Memnon,	20 25	115 38	.83	S	3	c.	„ Avochie,	19° 26′	112° 23′	29.76	S	10	oq.
„ Frejr,	20 17	111 15	.60	SE	8	orq.	„ Natal,	18 50	112 23	.70	SE	7	o.
„ Riversdale,	19 59	111 16	.50	SE	9	orq.	I.M.C.C. Kaipan,	18 26	109 30	.71	NW	3	o.
„ Shantung,	19 59	114 06	.82	S	3	c.	S.S. Mathilde,	16 09	108 10	.74	SE	2	c.
„ Chowfa,	At Hoihow		.37	ENE	6	ogr.	„ Borneo,	14 28	112 22	.83	S	6	o.

June 1st.

S.S. Choysang,	23° 27′	117° 12′	29.84	E	2	o.	I.M.C.C. Kaipan,	18° 26′	109° 30′	29.81	WSW	1	o.
„ Frejr,	21 54	113 58	.78	S	6	orq.	S.S. Borneo,	18 04	113 22	.82	S	4	pq.
„ Devonhurst,	20 46	113 10	.81	S	4	q.	„ Avochie,	17 31	111 33	...	SSW	4	c.
„ Riversdale,	20 10	110 41	.77	W	3	or.	„ Natal,	14 47	110 24	.84	S	3	c.

June 2nd.

S.S. Choysang,	26° 26′	120° 42′	29.76	ESE	2	or.	S.S. Priok,	22° 08′	115° 25′	29.77	SW	6	orq.
„ Kwanglee,	24 58	119 30	.75	SE	4	or.	„ Borneo,	21 44	113 56	.79	SW	4	or.
„ Canton,	24 29	119 11	.80	S	6	or.	„ Hupeh,	21 32	114 22	.78	SW	5	orq.
„ China,	23 59	118 25	.74	SSW	9	or.	„ Phra Chom Klao,	19 38	112 28	.82	SW	4	c.
„ Ariake Maru,	22 27	115 25	.76	SSW	6	oq.	Sh. Kistna,	19 23	119 40	.83	SW	2	c.

The observations show that pressure was in defect to the SW of Luzon and to the N of Palawan on the 28th, but it does not appear that a cyclonic disturbance of any intensity existed at this time. On the 30th the observations point to low pressure in the neighbourhood of the Paracels. The barometer was inclined to fall at Hoihow, in Hainan, with gentle NE breezes while pressure was increasing slightly on the Cochin China coast the weather there being very wet and squally with fresh SW winds. On the 31st after 9 a. the barometer commenced to fall very rapidly at Hoihow with wind increasing from the ENE. At 2.30 p. the centre of a small typhoon (II) passed over the port with the lowest reading of the barometer 28.64 as recorded at the Custom House. The wind fell to almost a calm for twenty minutes and came again with typhoon force from the west. The barometer rose rapidly and the wind decreased quickly backing at the same time to SW.

The Hoihow observations of 9 a. on May 31st did not reach the Hongkong Observatory until 9.10 a. on June 1st, and then in a mutilated condition, and the existence of this depression as a definite cyclonic disturbance was therefore not known here at the time.

After passing over Hoihow the typhoon moved northwards and entered the coast of China, thence recurving to the NE. At noon on the 1st June the centre was situated in about 23° 30′, 112° 00′ and it passed to the north of Canton during the evening. On the 2nd June its course was towards ENE and a rapid decrease of pressure took place in the neighbourhood of Amoy. The centre was situated in about 25°½, 116°½ at noon. Late the same evening it would appear to have regained the sea, as a small depression, to the north of Foochow, where the barometer had fallen to 29.58 at 9 p. with a strong WSW breeze and rain. Bad weather prevailed in the Formosa Channel on this day, particularly at the lighthouse stations in the north part of the Channel, where cyclonic gales, veering, with a rapid fall of the barometer, occurred during the evening.

June 16th, 11.3 a. "Pressure is lowest in the NW part of China Sea. Barometer unsteady. Fresh SE winds, squally, along S coast. Sea moderate. Weather fair to showery."

June 17th, 11.2 a. "Pressure remains lowest in the NW part of China Sea. Fresh SE winds, squally, along S coast. Sea moderate. Weather showery."

June 18th, 10.23 a. "Depression in N part of Gulf of Tongking."

June 18th, 10.56 a. "Barometer steady. Moderate SE to S winds. Sea moderate. Weather showery and squally."

June 18th, 4.10 p. "Depression has entered coast to the East of Haiphong and is moving northwestward."

The following are the noon observations during the above period:—

COAST STATIONS.

	June 15th.				June 16th.				June 17th.				June 18th.			
Swatow,	29.79	SE	3	c.	29.88	SE	1	c.	29.85	E	2	c.	29.85	SE	3	o.
Hongkong,	.83	E	1	o.	.85	SE	3	or.	.83	ESE	3	o.	.84	E	2	o.
Pakhoi,	.70	SE	3	c.	.73	ENE	3	c.	.63	ENE	5	o.	65	SE	4	o.
Haiphong,	.77	SSE	4	o.	.75	SE	...	c.	.62	ESE	3	m.	.55	SSW	4	o.
Hoihow,	.81	ENE	2	c.	.72	ENE	4	c.	.56	SE	5	o.	.72	S	2	c.
Bolinao,	.82	SSE	2	c.	.86	S	3	o.	.86	ENE	2	c.	.82	SE	2	c.
Cape St. James,	...	calm		o.	...	SW	6	or.	...	...	...	...	...	SSW	7	oq.

VESSELS.

June 15th.

S.S. Rio,	20° 00′	112° 43′	29.92	(?) E	3	...	S.S. Oakley,	16° 36′	118° 26′	29.82	SSE	6	orq.
„ Esmeralda,	19 33	116 33	.82	ESE	5	c.	Bk. Foohng Suey,	14 43	112 29	.68	NW	8	orq.
„ Deuteros,	18 56	112 26	.78	NE	4	c.	S.S. Manila,	(14 25	112 06)?	.62	NW	6	orq.
I.M.C.C. Kaipan,	18 26	110 30	.80	E	1	c.	„ Canton,	11 49	110 59	.76	NNW	2	o.
S.S. Devawongse,	18 23	111 37	.82	var.	1	c.	„ Chelydra,	11 40	110 43	.78	SW	2	orql.

June 16th.

S.S. Yuensang.	20° 50′	115° 28′	29.88	SSE	5	orq.	S.S. Mathilde,	At Touron		29.70	NE	1	or.
I.M.C.C. Kaipan,	18 26	109 30	.75	calm		od.	„ Canton,	15° 15′	113° 17′	.77	SSW	5	or.
S.S. Toyo Maru,	18 11	111 28	.68	E	6	o.	„ Devawongse,	14 34	109 56	.76	SW	2	o.
Bk. Foohng Suey,	17 15	113 08	.75	SE	4	orq.	„ Phra C. C. Klao,	11 20	109 07	.79	SW	4	o.
S.S. Keemun,	16 36	110 46	.43	W/N	9	orq.	„ Manila,	10 39	111 03	.81	SW	4	o.

June 17th.

S.S. Activ,	21° 25′	112° 30′	29.75	SE	3	c.	I.M.C.C. Kaipan,	18° 26′	109° 30′	29.68	SSW	7	or.
„ Keemun,	20 22	112 37	.73	SE	5	q.	S.S. Toyo Maru,	18 00	110 10	.60	SSW	7	om.
„ Bygdo,	19 44	112 20	.80	SE	8	o.	„ Mathilde,	At Touron		.69	SW	2	or.
„ Canton,	19 02	114 30	.85	SE	5	cp.	„ Phra C. C. Klao,	15 09	110 20	.75	S	3	o.

June 18th.

S.S. Swatow,	20° 06′	108° 59′	29.67	S	5	o.	I.M.C.C. Kaipan,	18° 26′	109° 30	29.76	SE	2	o.

The above observations refer to typhoon III which appears to have been forming to the NW of Palawan on the 14th June. It was first encountered by the bark *Foohng Suey* on the 15th. This vessel was situated in the left hand semicircle and experienced a heavy gale from NW backing to SW on the afternoon and evening of the 15th during which she sustained considerable damage to sails. The centre was in 14° 45′, 114° 00′ at noon on this day and its course was towards NW. On the 16th the centre was in 17° 00′, 111° 30′ at noon. The S.S. *Keemun*, in the left hand semicircle and about 50 miles to the WSW of the centre at noon, experienced winds of storm force from WNW the direction backing to SW and S during the evening and decreasing slowly in force. The S.S. *Toyo Maru*, in the right hand semicircle, had the centre passing to the W and close to the vessel during the evening. The barometer fell to 28.89 and winds of force 11 from ESE and SE were experienced, accompanied by terrific rainsqualls, lightning and a mountainous sea. Captain EDWARDS states—"On the night of the 15th at sunset the only indication of coming bad weather was an olive green coloured sky." The I.M.C.C. *Kaipan* was anchored at Samah on the extreme S coast of Hainan and during the evening they had a moderate NNE breeze with the barometer falling quickly. The wind backed to NW early next morning, the 17th, and increased to force 5 accompanied by drizzling rain and lightning. The centre was now entering the SE coast of Hainan. At 6 a. they made the lowest reading of the barometer (29.46) and the wind had backed to W and increased to a fresh gale. The typhoon continued to move towards NW across Hainan, but at noon the centre had passed into the Gulf of Tongking to the W of Hoihow and was situated in 19° 45′, 109° 00′ and it now commenced to more towards WNW. The S.S. *Swatow* which left Haiphong for Hoihow at 1 p. on this day encountered very heavy weather during the evening. The wind rose to a whole gale from NNE the barometer falling to 29.48. On the 18th at 3 a. the wind veered to SSE in a terrific squall and thereafter the barometer rose and the wind force gradually decreased, the direction remaining at S by E. The centre passed a little to the west of this vessel and it appears that the depression had filled up to some extent during its passage across Hainan. Winds from WNW backing to SSW at Haiphong show that it entered the continent and passed to the north of this port on the morning of the 18th. At noon the centre was probably situated in 21° 30′, 106° 30′. Between the 15th and 18th the typhoon moved at an average speed of about 8 miles per hour. The information issued with regard to this typhoon would have been much more definite had the observations from Hoihow, the important station in this case, been received at the proper time. The 9 a. observation of the 16th was received

on the 17th at 3.4 p., the 3 p. observation of the 16th at 6.4 p. on the 17th, and the 9 a. observation of the 17th at 9.26 p. on the 18th, no further observations being received for several days. It is evident that observations received from 24 to 36 hours late can be of little service for the purpose of giving storm warnings. The Customs officials who make the observations at Hoihow hand them in at the Telegraph Office immediately they are made and the delay occurs in the transmission over the Chinese land lines.

June 24th, 10.33 a. "Depression SE of Hainan."

June 24th, 10.55 a. "Barometer unsteady. Moderate to strong E breezes. Sea rather rough. Weather showery and squally."

June 24th, 4.10 p. Black South Cone hoisted.

June 24th, 4.25 p. "Depression SSW of Hongkong apparently moving towards a point on the coast between Macao and Hoihow. E to SE gale expected in Hongkong." Gun fired one round.

June 24th, 7.10 p. Two lanterns hoisted vertically.

June 25th, 7.35 a. Black Ball hoisted.

June 25th, 11.20 a. "Depression has moved westward in the direction of Hoihow. Barometer rising. Fresh E to SE winds. Sea moderate. Weather fair to showery and squally."

June 25th, 4.10 p. Black Ball taken down.

The following observations for noon refer to the typhoon indicated above :—

STATIONS.

	June 23rd.				June 24th.				June 25th.			
Amoy,	29.74	SE	1	c.	29.85	SE	3	o.	29.84	NNE	1	b.
Canton,	.74	S	2	c.	.73	E	3	o.	.77	E	4	o.
Hongkong,	.77	E	2	c.	.73	ENE	5	orq.	.83	E	4	o.
Pakhoi,	.67	ESE	1	c.	.65	SE	1	c.	.61	WNW	3	or.
Hoihow,	.70	ENE	4	b.	.68	NE	2	o.	.77	ESE	2	o.
Bolinao,	.77	SE	2	c.	.79	S	2	c.	.80	WSW	2	o.

VESSELS.

June 23rd.

Sh. Hiddekel,	20° 48′	113° 48′	29.70	E	5	o.	Bk. Comet,	19° 13′	114° 30′	29.71	SE	6	p.
„ A. G. Ropes,	20 28	114 20	...	ESE	2	c.	S.S. Sishan,	17 25	111 27	.66	SE	1	b.
„ Herat,	20 18	114 00	.70	E	3	rq.	„ Schwalbe,	15 11	118 17	.81	SSE	3	cr.
S.S. Bucephalus,	19 44	112 24	.75	SE	2	p.	„ Bormida,	13 53	112 21	.67	WSW	2	orq.

June 24th.

Sh. Hiddekel,	21° 40′	113° 57′	29.70	NE	10	rq.	S.S. Haiphong,	20° 10′	111° 16′	29.63	N	5	or.
„ Herat,	21 29	114 18	.68	E	6	rq.	I.M.C.C. Kaipan,	18 26	109 30	.73	SW	1	c.
H.M.S. Rattler,	20 33	113 52	.45*	E/S	9	orq.	S.S. Schwalbe,	18 17	116 21	.77	S	2	o.
Sh. A. G. Ropes,	20 04	114 06	.06	SE	11	orq.	„ Bormida,	17 37	113 39	.71	SW	6	o.

* Uncorrected.

June 25th.

Sh. A. G. Ropes,	21° 55′	113° 44′	...	E	4	c.	S.S. Ingraban,	20° 29′	112° 33′	29.79	SE	5	c.
S.S. Rio,	21 05	115 01	29.81	SE	4	o.	I.M.C.C. Kaipan,	18 26	109 30	.76	calm		c.

On June 23rd the observations show that wet squally weather prevailed around the middle part of the China Sea and pressure appears to have been somewhat low in the neighbourhood of the Paracels. The sailing vessels *Hiddekel*, *Herat*, *Comet* and *A. G. Ropes* were situated from 100 to 150 miles to the south of Hongkong and they all had the wind increasing from the E with the weather becoming squally during the evening. Next day, the 24th, H. M. S. *Rattler* and the sailing vessel *A. G. Ropes* encountered typhoon IV which appears to have been forming to the southward on the previous day. Both vessels were in the righthand semicircle and near the centre which was situated in 19° 45,′ 113° 30′ at noon or about 150 miles to the SSW of Hongkong (compare warnings of June 24th). The *A. G. Ropes* had the lowest reading of the barometer (29.06) at noon with winds of storm and typhoon force from the SE and sustained great damage aloft, the vessel being reduced to bare poles. H. M. S. *Rattler* was laid to at 9 a. with the wind a strong breeze from E by N. Storm sails were bent and everything secured. The wind increased and the barometer fell rapidly and at 3 p. she experienced storm force from ESE, the barometer having then attained the lowest point (29.09, uncorrected). During the evening the barometer rose rapidly with the wind veering to SE

and SSE and decreasing. Thick blinding rain prevailed all day and there was a heavy confused sea, the latter causing the vessel to roll and pitch heavily. The jibboom broke off short at the cap and a couple of boats were washed away. The typhoon moved towards WNW and at midnight heavy squalls of wind and rain from SW were experienced at Hoihow, but by daylight on the 25th the wind had gradually calmed down. At Pakhoi they had the barometer falling with a fresh NW breeze and rain during the morning. In the afternoon the wind backed to West and decreased. The depression thus passed to the E and N of the port on the 25th but it had filled up to a great extent at this time. At noon the centre was situated in 21° 45,′ 110° 15′ and the disturbance had traversed a distance of 220 miles during the past 24 hours thus giving it an average speed of about 9 miles per hour.

June 26th, 11.19 a. "Troughlike area of relatively low pressure appears to exist across the China Sea in about 17° latitude. Fresh NE winds are indicated to the northward and SW winds to the southward of the area. Sea moderate. Weather showery and squally."

June 27th, 10.10 a. Red Drum hoisted.

June 27th, 11.22 a. "Typhoon appears to be situated near S. Formosa. Observations from Swatow, Anping and Amoy not yet received. Moderate NW winds and fair weather probable here."

June 27th, 5.30 p. Typhoon east of S. Formosa appears to be moving towards NNW."

June 28th, 11.15 a. "The barometer continues to fall on the S and SE Coasts. Moderate W winds and fine weather probable here. Observations from Swatow, Amoy and Anping not yet received."

June 28th, 12.15 p. "The typhoon is East of Formosa moving slowly towards NNW at present."

June 28th, 4.10 p. Red North Cone hoisted. "Bad weather prevails in the N part of the Formosa Channel."

June 29th, 11.0 a. Red North Cone taken down.

June 29th, 11.28 a. "The typhoon has entered the coast between Foochow and Wenchow. Barometer rising slowly here. Moderate SW winds, squally, with thundershowers."

June 30th, 11.15 a. "The typhoon is moving northwards in the interior of China to the West of Shanghai. Strong SE gales probable off E Coast. On S. Coast, barometer rising with strong SW monsoon and fair to showery weather."

The following noon observations refer to the typhoon indicated above:—

COAST STATIONS.

	June 26th.				June 27th.				June 28th.			
Turnabout,	29.85	NE	5	cm.	29.71	NE	7	cm.	29.56	NE	7	cmp.
Tamsui,	.92	SE	2	b.	.74	E	2	c.	.55	NE	5	opq.
Keelung,	.82	ESE	4	cp.	.68	ESE	4	cp.	.44	NE	6	op.
Amoy,	.78	NNE	2	c.	.62	NNE	3	b.	.50	NNE	3	c.
Fisher Island,	.78	N	2	c.	.57	NNE	6	cm.	.42	NNE	7	cm.
Lamocks,	.82	NE	3	c.	.66	NE	4	cm.	.54	NE	2	c.
Anping,	.75	W	2	b.	.57	NNW	3	c.	.39	NW	3	c.
Hongkong,	.82	ESE	2	c.	.70	E	2	c.	.58	W	1	o.
South Cape,	.76	NE	4	c.	.55	N	6	omp.	.37	SW	2	c.
Bolinao,	.72	W	2	o.	.62	WSW	1	o.	.65	SSE	1	o.
Manila,	.73	SW	4	o.	.66	SSW	5	oq.	.71	SW	5	or.

	June 29th.				June 30th.				July 1st.			
*Chinkiang,	29.55	SE	3	b.	29.47	NE	3	o.	29.38	WNW	5	c.
Woosung,	.57	ENE	7	o.	.39	E	7	c.	.47	SW	4	om.
*Wuhu,	.45	ENE	2	b.	.43	NNW	2	or.	.50	W	4	c.
N. Saddle,	.56	SE	4	cm.	.52	SE	6	omr.	.57	SSW	6	om.
Ningpo,	.52	NE	4	od.	.43	SE	2	o.	.60	SE	2	o.
*Kiukiang,	.51	NE	2	c.	.51	N	4	c.	.52	NW	3	c.
Wenchow,	.11	NW	9	orq.	.49	SE	2	or.	.65	SE	1	c.
Turnabout,	.40	SW	8	cmq.	.64	SSW	6	om.	.71	S	4	cm.
Tamsui,	.42	SW	8	c.	.68	S	3	c.	.75	SSW	2	c.
Keelung,	.33	WSW	6	o.	.57	var.	3	c.	.68	WNW	2	c.
Amoy,	.44	SW	1	c.	.60	SE	1	b.	.65	W	2	b.
Lamocks,	.52	SW	6	cm.	.67	SW	4	cm.	.75	SW	3	o.
South Cape,	.54	WSW	7	cq.	.77	SW	5	cm.	.79	SW	5	c.

* The corrections to be applied to the barometer readings at these stations are unknown, and the above readings are therefore only approximately correct.

VESSELS.

June 26th.

S.S. Kwanglee,	23°	37′	117°	58′	29.83	NE	4	b.	S.S. Shanghai,	16°	16′	113°	13′	29.71	NNW	2	c.
„ Memnon,	21	12	114	56	.78	ESE	4	cq.	Bk. Altair,	15	33	113	21	.69	SSW	2	rq.
„ Cromarty,	16	54	113	33	...	var.	2	c.	S.S. Bucephalus,	10	36	109	03	.80	SSW	4	c.

June 27th.

S.S. Gwalior,	off Ockseu.				29.67	NE/N	7	c.	Bk. Altair,	16°	04′	113°	48′	29.63	calm.		...
„ Progress,	23°	47′	118°	06′	.68	NE/N	7	c.	S.S. Clyde,	13	51	112	36	.69	W	3	o.
„ Hangchow,	23	19	117	10	.71	NE	6	c.	„ Macduff,	11	45	111	30	.80	SW	6	orq.
„ Shanghai,	20	57	113	57	.67	NE/N	2	c.									

June 28th.

S.S. City of Peking,	30°	47′	130°	00′	29.92	ESE	4	cp.	S.S. Gwalior,	22°	39′	115°	58′	29.54	WSW	3	c.
„ Taisang,	28	07	121	03	.74	NE	4	q.	„ Framnes,	20	47	113	51	.60	W	5	c.
„ Hangchow,	25	47	119	43	.61	N.E	8	c.	„ Clyde,	18	47	114	03	.64	W	4	c.

June 29th.

S.S. Kiel,	32°	45′	126°	52′	29.69	SE	9	oq.	S.S. Hangchow,	27°	17′	120°	42′	29.14	WNW	9	or.
„ Ancona,	30	41	126	44	.69	SE	6	o.	„ Peiyang,	27	13	120	16	.14	WNW	4	cq.
„ Ariake Maru,	29	25	125	39	.64	SE/E	8	or.	„ Canton,	26	57	120	25	.17	NW	6	...
„ City of Peking,	28	41	126	45	.62	ESE	8	q.	„ Nanchang,	26	28	120	45	.30	SW	9	rq.
„ Taisang,	28	09	121	03	28.89	NNE	10	rq.	„ Taiyick,	25	48	120	10	.38	SW	7	...

June 30th.

S.S. Kiel,	31°	55′	123°	58′	29.51	SE	10	orq.	S.S. Taisang,	28°	09′	121°	03′	29.49	SSW	6	or.
„ Rohilla,	31	12	121	56	.41	SE/E	7	orq.	„ Lyeemun,	28	09	121	41	.50	S	6	og.
„ Taksang,	29	56	122	06	.48	S	6	or.	„ Canton,	27	37	121	12	.57	SW	6	rq.
„ Vorwaerts,	29	55	126	06	.74	SSE	8	...	„ Choysang,	26	42	120	14	.60	SW	4	or.

July 1st.

S.S. Lyeemun,	31°	16′	121°	47′	29.52	SSW	7	orq.	S.S. Kiel,	31°	10′	122°	25′	...	S	10	orq.
„ Taiyick,	31	12	123	10	.62	S	7	or.	„ Ethiope,	29	40	125	00	29.74	S	4	c.

On the 26th June typhoon V commenced to affect the weather in Luzon. The barometer fell and the wind freshened from the W and SW. A considerable decrease of pressure also took place in S. Formosa and moderate increasing breezes from NE and N prevailed at South Cape. The centre of the typhoon appears to have been situated at a considerable distance to the eastward of N. Luzon at this time. On the 27th a further decrease of pressure had taken place in Luzon and in S. Formosa, amounting to about 0.1 inch in the former district and to about 0.2 inch in the latter. The typhoon had probably moved in a WNW direction since the previous day. Fresh W to SW winds continued to prevail in S. Luzon while at S. Cape, Formosa a strong N breeze with showery weather was experienced. The centre at noon on this day may have been situated in 20°, 124°, but this position is very uncertain owing to lack of information from the Pacific.

Attention may be called here to the fact that the notice referring to the position of this typhoon, on the morning of the 27th, had to be issued in the absence of observations from, in this case, three very important stations, viz., Swatow, Amoy and Anping, that is to say the most necessary data were not available.

On the 28th the typhoon was moving towards the NNW to the East of Formosa and it appears to have passed to the East of South Cape during the early morning. The wind backed to NW of force 6 at 3 a. (barometer 29.41) and subsequently to W, the force decreasing meanwhile. The barometer, however, continued to fall slowly and the wind increased to a strong gale from WNW during the evening. In the Formosa Channel, between Fisher Island and Middle Dog, gales from NNE prevailed and in N. Formosa strong NE and NNE breezes until late at night. At Keelung the wind backed to W of force 6 at 9 p. showing that the centre had then passed to the north of the latitude of this station. The centre was perhaps situated in 23°½, 123°½ at noon but this position is only approximate for the reason previously stated, viz., the absence of data from the Pacific to the eastward of the centre. On the morning of the 29th the typhoon was moving on a northwesterly course and approaching the East Coast of China in the neighbourhood of Wenchow. The noon observations on this day show a perfect cyclonic circulation and in the righthand semicircle gales blew at a distance of 300 miles from the centre, the latter being at noon off the coast near Wenchow and situated in 27° 45,′ 121° 30′. A large number of vessels encountered the bad weather, but the greater number had taken shelter at various points along the coast. One vessel, the S.S. *Nanchang*, bound from Chefoo to Swatow, ran safely across the path in front of the centre on the morning of the 29th and thus gained the manageable semicircle. She experienced a NNE gale at 4 a. (barometer 29.45) backing to WNW of force 8 (barometer 29.20) at 8 a. The S.S. *Hangchow* at anchor in 27° 30,′ 121° 00′ was situated in the lefthand semicircle. Typhoon force of wind from West by South was experienced at 2 p. the barometer falling to its minimum, 29.01, at 3 p. The barometer rose after 5 p. with the wind slowly decreasing and backing to SW. The S.S. *Taisang* had been taken into shelter at Lotsin Bay, near Wenchow, on the previous evening and there encountered the centre. They had the wind steadily

increasing in force from the N during the morning of the 29th and at 9 a. it blew a whole gale accompanied by torrents of rain. The barometer fell at a fairly uniform rate of about 0.05 inch per hour between 1 a. and 11 a. At the latter hour the reading was 29.04 and now an extremely rapid fall set in, the mercury descending to 28.44 at p. At the same hour the wind increased to a hurricane from N with squalls of terrific violence which lashed the Bay into perfect foam. The vessel was steaming ahead to prevent her being driven from her anchors. At 4 p. the wind decreased to force 10 and at 4.30 p. the centre passed over the ship. The wind fell calm but the sky remained overcast with rain. Many land birds, &c. boarded the vessel at this time. How long the calm lasted is not stated, but the wind sprang up again frm SW blowing with force 10 only, *i e.*, the wind was not as strong nor the gradients as steep in rear as in front of the centre; but a part of the central area was now, of course, on land. The wind continued to blow with force 10 for the remainder of the evening backing to SSW at 10 p. At midnight the barometer had risen to 29.20. At noon on the 30th the centre was situated in 30° 30,′ 120° 15′ or about 90 miles to the SW of Woosung, and it was beginning to recurve to the NNE. Southeast gales prevailed at the lighthouse stations at the mouth of the Yangtze and moderate NE to NW breezes at the Yangtze ports, but the depression had filled up considerably during its progress over the land. At noon on the 1st July the centre was situated in 32° 30,′ 120° 30′. The disturbance had moved slowly, at 5 miles per hour only, during the preceding 24 hours and SE gales, slowly veering, had thus continued to blow at Shanghai and at the lighthouse stations in that neighbourhood until the morning of the 1st July while fresh NE breezes backing to NW prevailed at Chinkiang and Wuhu on the Yangtze. On regaining the sea during the afternoon of the 1st, the depression moved very rapidly towards the NNE. The centre had already crossed the Shantung Promontory between Chefoo and the NE Shantung Promontory lighthouse at 3 a. on the 2nd, and on the early morning of the 3rd it appears to have influenced the weather at Wladiwostok where strong SSE winds prevailed with a considerable decrease of pressure.

July 14th, 11.13 a. "Small depression moving westward probably between Macao and Hoihow. Barometer unsteady. Fresh SE winds. Sea moderate. Weather showery and squally."

The observations show that pressure had decreased on this day around Gulf of Tongking and strong SE to S winds with rainsqualls prevailed between Hongkong and 20° Lat., but there is no evidence of the existence of any cyclonic depression.

July 18th, 11.7 a. "There are indications of a depression on the W side of the China Sea in about 17° to 18° latitude. On S coast, barometer falling, moderate E winds and fair weather."

July 19th, 11.12 a. "Depression in China Sea appears to be troughlike in character at present with moderate winds from SW in the S part of the China Sea and from NE in the N part. On S coast, barometer falling slowly. Weather fair."

July 20th, 10 27 a. Black South Cone hoisted.

July 20th, 10.37 a. "Depression is increasing in intensity to the S of Hongkong. Barometer falling. Strong E winds with showery and squally weather."

July 21st, 11.5 a. "The depression appears to be moving slowly towards WNW. Strong E to SE winds with rainsqualls probable here."

July 21st, 4.30 p. Black Ball hoisted.

July 22nd, 10.10 a. Black Ball taken down.

July 22nd, 11.15 a. "The barometer has risen in Hongkong and has fallen at Bolinao. The weather appears to remain in an unsettled condition generally over the N part of the China Sea. Moderate SE winds with showery and squally weather probable here."

The following are the noon observations during the above period: —

COAST STATIONS.

	July 18th.	July 19th.	July 20th.	July 21st.	July 22nd.
Amoy,	29.77 SSE 2 c.	29.77 SSE 2 b.	29.77 SE 2 c.	29.76 SSE 2 c.	29.74 SE 2 b.
Hongkong,	.77 ENE 3 c.	.75 E 3 c	.74 E 3 orq.	.72 E 2 or.	.77 S 1 o.
Pakhoi,	.64 ENE 4 c.	.64 E 4 c.	.64 E 3 c.	.65 ESE 1 c.	.64 SE 1 o.
Haiphong,	.62 E ... o.	.62 E 5 o.	.64 ... 0 or.	.64 ENE 5 o.	.60 SE ... m.
Hoihow,	.68 ESE 2 c.	.69 ENE 2 o.	.67 SE 2 or.	.67 E 2 o.	.67 E 2 o.
Bolinao,	.75 var. 2 c.	.77 var. 2 o.	.77 S 2 c.	.80 S 2 c.	.76 SW 2 o.
Cape St. Jan,	... SW 6 o.	... SW 7 oq.	... SW 5 o.	... SW 6 oq.	... ...

VESSELS.

July 18th.

S.S. Framnes,	21°	41′	115°	50′	29.74	E	3	oq.	S.S. Sishan,	18°	33′	112°	31′	29.67	SW	4	q.
„ Frejr,	21	55	113	46	.77	E	4	q.	I.M.C.C. Kaipan,	17	16	107	52	.71	S	4	or.
Sh. Susquehanna,	20	01	113	58	...	ESE	4	c.	S.S. Pakshan,	13	48	109	32	.68	SSW	4	c.

July 19th.

S.S. Formosa,	22°	29′	115°	20′	29.76	E	4	c.	S.S. Memnon,	17°	25′	117°	00′	29.77	SW	3	c.
„ Amigo,	20	30	120	16	.75	NE	5	q.	Bk. Sebastian Bach,	16	16	114	52	.72	W	2	rq.
„ Activ,	20	09	109	00	.66	E	3	c.	S.S. Sishan,	15	51	110	36	.63	SSW	7	o.
„ Glücksburg,	18	62	110	53	.67	NE	2	og.	„ Hongay,	14	41	113	11	.74	SSW	5	c.

July 20th.

S.S. Memnon,	20°	46′	115°	26′	29.70	E	7	c.	S.S. Hongay,	18°	31′	114°	14′	29.68	SSW	3	ogd.
„ Glücksburg,	20	26	112	38	.69	E	5	pg.	I.M.C.C. Kaipan,	18	13	109	43	.71	W	1	c.
„ Activ,	20	05	110	20	.68	ENE	2	or.	Bk. Sebastian Bach,	17	59	114	52	.72	S	4	pq.
„ Wingsang,	19	37	114	10	.76?	SE	3	c.	S.S. Ravenna,	17	49	113	30	.70	S	5	o.

July 21st.

S.S. Lyderhorn,	22°	30′	115°	40′	29.77	S	6	op.	S.S. Activ,	20°	39′	111°	33′	29.68	NNW	2	o.
„ Taiyick,	22	25	114	53	.63?	SE	6	rq.	„ Mathilde,	20	26	112	15	.69	SW	4	c.
„ Shantung,	22	01	114	06	.69	ESE	5	r.	Bk. Sebastian Bach,	19	35	114	32	.72	WSW	2	dq.
„ Aglaia,	21	25	113	50	.72	SE	4	r.	I.M.C.C. Kaipan,	18	16	109	43	.74	W	1	c.

July 22nd.

Bk. Sebastian Bach,	20°	37′	114°	33′	29.78	SSE	1	c.	S.S. Strathdee,	20°	09′	111°	08′	29.70	SW	4	o.
S.S. Hanoi,	20	10	109	42	.68	E	4	rlt.	„ Phra C.C. Klao,	18	00	114	18	.75	NW	3	or.

The above observations show that on the 18th pressure was in defect about Hainan and the Gulf of Tongking and that moderate E to NE breezes prevailed along the S. coast of China and in the China Sea to the northward of 20° latitude, while moderate SW breezes blew to the southward of 19° latitude. On the 19th there is more distinct evidence of the existence of a troughlike depression which probably stretched across the China Sea between the S. entrance to the Gulf of Tongking and the Balingtang Channel, pressure, however, being slightly lower in the former than in the latter district. On the 20th there are indications of a feeble cyclonic circulation about the position 19°, 112° and on the 21st there is still a trace of a shallow depression (VI) lying between Hongkong and Hainan. Winds had veered to the southward of Hongkong and strong S to SE breezes prevailed there accompanied by wet and squally weather.

The conditions which had prevailed during this period, are those which not uncommonly give birth to a typhoon, but in this instance the slight depression was dissipated without any such result.

July 25th, 10.10 a. Black South Cone hoisted.

July 25th, 10.35 a. "Depression S of Hongkong probably moving towards N.W."

July 25th, 10.54 a. "Barometer falling. Strong E winds with showery and squally weather. A typhoon appears to have entered SW Japan yesterday."

July 25th, 6.15 p. Black Ball hoisted.

July 26th, 10.15 a. Black Ball taken down.

July 26th, 11.10 a. "Barometer unsteady. Gradients continue rather steep, and fresh SE to S winds with squally and showery weather may be expected."

The following noon observations refer to the above period :—

COAST STATIONS.

	July 24th.				July 25th.				July 26th.			
Amoy,	29.71	SE	2	b.	29.77	SE	2	c.	29.80	SE	2	c.
Hongkong,	.72	E	4	c.	.65	ENE	4	or.	.73	SSE	4	or.
Pakhoi,	.64	SE	2	c.	.60	NW	1	c.	.44	NW	7	or.
Haiphong,	.60	WNW	3	...	.63	SSE	...	or.	.57	NE	...	o.
Hoihow,	.64	ENE	3	c.	.58	NE	3	cd.	.62	SSW	3	c.
Bolinao,	.75	SE	3	c.	.80	SE	2	c.	.83	S	2	c.
Cape St. James,	...	SW	7	q.	...	SW	5	o.	...	SW	6	o.

VESSELS.

July 24th.

S.S. Salazie,	21°	34′	113°	44′	29.72	NE	3	c.	I.M.C.C. Kaipan,	18°	16′	109°	43′	29.74	W	2	c.
„ Frejr,	20	33	111	27	.68	ENE	4	q.	Bk. Alcides,	16	36	113	38	.65	WSW	7	orl.
„ Zafiro,	20	34	115	34	.70	SSE	5	cp.	S.S. Decima,	14	41	110	00	.72	WSW	3	o.

July 25th.

S.S. Phra Chom Klao,	20°	05′	110°	20′	29.59	NE	4	o.	Bk. Alcides,	19°	01′	115°	21′	29.65	S	7	o.
„ Devawongse,	18	45	111	49	.53	NW	2	dg.	S.S. Decima,	17	54	111	18	.65	SW	5	or.
I.M.C.C. Kaipan,	18	16	109	43	.69	W	2	o.	„ Tsinan,	18	01	117	15	.73	SW	5	oq.
S.S. Bygdo,	18	11	111	00	.60	WNW	8	or.	„ Bisagno,	17	28	114	04	.61	S	6	...

July 26th.

S.S. Shanghai,	21°	22′	114°	21′	29.71	S	5	q.	S.S. Decima,	19°	43′	112°	56′	29.72	SSE	2	q.
„ Activ,	20	05	110	20	.58	SSW	4	op.	I.M.C.C. Kaipan,	18	16	109	43	.72	SW	1	c.

The above observations for the 24th July indicate that a small depression (VII) was probably central in 18°½, 113°½. To the northward of this position, at Hoihow and Hongkong, pressure was decreasing and moderate E to NE breezes prevailed between the two places with the weather becoming wet and squally. The S.S. *Zafiro* experienced fresh and strong SSE breezes with a cross sea at a distance of about 150 miles to the ENE and E of the position indicated above while at a distance of about 120 miles to southward of the centre, the bark *Alcides* experienced a moderate WSW gale. The noon observations of the 25th place the centre in 19° 15,′ 112° 30′ and the disturbance had thus moved in a northwesterly direction at the slow rate of about 3 miles per hour during the preceding 24 hours, but its speed was now accelerated. During the morning the S.S. *Devawongse* crossed the path of the disturbance with the barometer falling rather sharply until noon and the wind backing from NE to NW and subsequently to SW during the afternoon as the vessel progressed towards SW by S, but only gentle and moderate breezes were experienced although the weather was very threatening in appearance. As this vessel probably passed within 40 miles of the centre it would appear that stronger winds prevailed at a distance from, than near to, the centre. The steamships *Decima* and *Bygdo* in the lefthand semicircle and steering to the NE both experienced fresh SW gales accompanied by heavy rain during the evening and at the same time the wind increased from the N at Hoihow. The centre passed about 40 miles to the NE of Hoihow during the early morning of the 26th, the barometer being at its lowest point (29.49) at 4 a. with the wind gradually backing from NW to SW and decreasing. The depression was now affecting the weather at Pakhoi. The barometer was falling and the wind increasing from N during the morning. At noon a moderate gale was blowing from NW the centre being situated at this hour in 21° 20,′ 109° 45′ or a few miles to the E of the port. At 2 p. the wind died away to almost a calm, light N and NE airs prevailing until 4 p. at which time the wind shifted to SW and gradually increased, attaining the force of a strong gale during the evening when the barometer commenced to rise. The lowest barometer reading recorded was 29.38 at 3 p. The centre thus passed over the port during the afternoon moving to the NW in the interior of China. During the 24 hours ending at noon on the 26th the depression had moved towards NW by W at an average speed of about 8 miles per hour.

It is seen that this disturbance never attained any very great intensity and the strongest winds reported were fresh or strong gales only. The typhoon referred to in the weather notice of July 25th, as having entered SW Japan on the previous day, did not directly affect the China coast. From observations made at the Japanese Station of Naha (26° 13′, 127° 41′) in the Loo Choo group of islands, it appears that Typhoon VIII approached this station from the southeast on the morning of the 23rd and passed it, at a short distance to the eastward, about noon moving rapidly towards the north-northwest. The barometer fell to 29.38 at 2 p. the wind backing from NNE at 10 a., to NW at 2 p. and to WSW at 6 p. and blowing with the force of a fresh or strong breeze accompanied by very heavy rain. The disturbance was encountered, early next morning, by the steamships *Ethiope* and *Verona*. The S.S. *Ethiope* was situated in 30° 40′, 127° 45′ at midnight of the 23rd and had then a falling barometer (29.62) and a strong ENE breeze with showery weather. At 4 a. of the 24th the barometer had fallen to 29.09 and typhoon force of wind from the north was experienced at 6 a. At 8 a. the barometer had risen to 29 31 and the wind had backed (in the lefthand semicircle) to NW of force 11. Thereafter the wind rapidly decreased in force maintaining, however, the NW direction. A heavy cross sea from E and NW prevailed during the storm with thick blinding rain and the vessel became unmanageable at 2 a. and fell off into the trough of the sea driving dead to leeward. From these observations it is seen that the centre must have passed a little to the Eastward of the vessel about 6 a. and that it was now recurving to the NE. Its average rate of progress during the past 18 hours was about 15 miles per hour. The S.S. *Verona* was also in the lefthand semicircle. They experienced a fresh N gale at 8 a. (barometer 29.36, minimum) in 31° 12′, 127° 49′ the wind backing to NNW of force 6 with rising barometer (29.63) at noon. The remainder of the track is taken from the Japanese Weather Maps. The centre passed near Nagasaki about 2 p. on the 24th and continued on its course to the north-eastward with increasing velocity, but on the 25th it had almost filled up.

July 30th, 11.20 a. "The barometer is falling slightly on the SE coast and there are some dications of a depression to the Eastward in the Pacific. Gradients gentle. Sea smooth. Weather ne."

August 2nd, 11.43 a. "The barometer has fallen considerably on the E and SE coasts and a epression is indicated to the NE of Formosa. Moderate W to SW winds with fine weather probable ı this district."

August 2nd, 5.30 p. Red North Cone hoisted.

August 3rd, 10,43 a. "Typhoon approaching coast probably in the neighbourhood of Wenchow."

August 3rd, 11.20 a. "On S coast, moderate to strong W and SW breezes with fine weather."

August 4th, 10.10 a. Red North Cone taken down.

August 4th, 10.47 a. "Typhoon entered coast to the north of Foochow during the night and it s probably moving westward at present."

August 4th, 11.3 a. "Barometer rising. Moderate to strong SW winds on S coast with weather ɔecoming unsettled and showery."

The following are the noon observations referring to the typhoon indicated by the foregoing information :—

COAST STATIONS.

	July 30th.				July 31st.				August 1st.			
*Kagoshima, (31° 35′, 130° 33′), ...	29.83	ENE	1	o.	29.73	ENE	3	o.	29.74	SE	2	o.
*Naha, (26° 13′, 127° 41′), ...	.66	NNE	4	c.	.35	NNW	7	o.	.19	S	5	or.
Keelung, ...	.75	NNE	4	b.	.66	N	2	c.	.60	W	5	c.
South Cape, ...	.76	NE	3	c.	.70	W	4	c.	.63	W	6	c.
Bolinao, ...	.75	SSW	2	c.	.74	SSE	1	o.	.77	SSW	2	o.

	August 2nd.				August 3rd.				August 4th.				August 5th.			
North Saddle,...	29.62	E	6	om.	29.60	SE	6	om.	29.62	SE	6	om.	29.63	SE	4	omp.
†Hankow, ...	.47	ENE	1	b.	.40	NNE	1	b.	.32	NNE	4	c.	.26	NE	2	c.
Steep Island, ...	.60	NE	5	cm.	.53	ESE	6	cm.	.60	SE	5	cm.	.60	NE	3	cmq.
†Kiukiang, ...	.58	NE	2	b.	.50	NE	3	c.	.40	NE	5	c.	.36	NE	3	o.
Wenchow, ...	.53	NW	3	oq.	.22	ENE	7	orq.	.52	SE	3	o.	.59	ESE	3	o.
Naha, ...	.53	SSE	1	or.	.57	SE	1	o.	.61	ESE	1	o.	.69	S	1	or.
Middle Dog, ...	.48	W	1	cm.	.19	WSW	8	omr.	.41	SE	5	cm.	.54	SE	4	cm.
Tamsui, ...	.51	WSW	6	opq.	.37	SW	3	opq.	.54	S	1	c.	.68	N	1	c.
Chapel Island, ...	.51	SSW	3	bm.	.40	W	3	c.	.42	SSW	6	cm.	.54	SSE	3	c.
Lamocks,.....	.59	SW	4	cm.	.46	SW	4	om.	.47	SW	4	om.	.56	SSW	4	cm.
Hongkong, ...	.70	W	3	b.	.59	WSW	2	c.	.54	SW	3	o.	.56	SW	2	o.
South Cape, ...	.54	WSW	7	om.	.48	WSW	7	cm.	.63	W	5	omp.	.69	W	3	cmd.
Bolinao, ...	.77	SSW	2	o.	.74	SW	3	o.	.74	S	2	or.	.74	S	2	c.

* Time of observation : Kagoshima, 1h 42m p., Naha, 1h 31m p.
† Barometer readings uncorrected.

VESSELS.

July 31st.

S.S. Tritos, ...	29° 10′	124° 13′	29.77	NE	3	og.	Bk. Alcides, ...	27° 11′	121° 40′	29.69	NNE	3	c.

August 1st.

S.S. Amoy, ...	32° 55′	123° 07′	29.76	E	3	b.	Bk. Otago, ...	29° 06′	122° 25′	...	NNE	9	...
„ Ardgay, ...	32 38	127 52	.77	SE	4	c.	„ Alcides, ...	27 38	123 08	29.50	N	9	c.
„ Empress of Japan,	31 01	128 39	.62	E/N	8	c.	S.S. Tritos, ...	26 58	121 31	.65	NNW	5	o.
„ Macduff, ...	31 00	125 30	.63	ENE	7	c.	Bk. Bidston Hill,...	25 56	120 36	...	WSW	4	c.

August 2nd.

S.S. Nanchang, ...	33° 14′	122° 52′	29.78	E	3	c.	S.S. Formosa, ...	29° 52′	122° 41′	29.56	NNE	5	o.
„ Pingsuey, ...	32 03	126 24	.76	ESE	7	ov.	„ Ethiope, ...	29 38	125 40	.57	SSE	10	ql.
„ Framnes, ...	31 28	127 56	.71	ESE	8	rq.	„ Wuotan, ...	27 37	121 12	.43	N/W	11	o.
„ Ardgay,.....	31 12	125 00	.67	E	7	cq.	Bk. Alcides, ...	(27 00	123 30)?	28.73	N	11	orq.
„ Glenorchy, ...	31 10	125 24	.58	NE	8	q.	„ Otago, ...	26 46	121 00	29.40	N		
„ Macduff, ...	31 00	128 30	.67	ESE	6	cpq.	„ Bidston Hill,...	25 17	120 06	...	SW	4	o.

August 3rd.

S.S. Pingsuey, ...	31° 35′	121° 30′	29.58	E	8	orq.	S.S. Wuotan,.....	27° 51′	121° 06′	28.94	NE	12	orq.
„ Glenorchy, ...	31 24	128 03	.68	ESE	8	q.	„ Choysang,.....	27 13	120 16	28.83	NW	11	orq.
„ Framnes, ...	31 16	127 25	.71	SE	9	rq.	Bk. Alcides, ...	(26 20	124 26)?	...	SW	7	
„ Nanchang,.....	30 11	121 53	.56	E	4	og.	„ Otago, ...	26 15	121 20	29.20	SSW	9	orq.
„ Ardgay, ...	29 39	123 52	.54	E	6	cq.	S.S. Fooksang, ...	26 00	119 30	.31	W	5	ov.
„ Ethiope, ...	28 34	125 03	.54	E	7	ol.	Bk. Bidston Hill,...	24 46	119 30	...	W/S	4	og.

August 4th.

S.S. Pronto,	33°	16′	123°	09′	29.76	SE	6	q.	S.S. Wuotan,	26°	49′	121°	15′	29.47	ESE	3	...
„ Canton,	30	36	122	57	.64	SE	6	rq.	„ Peiyang,	26	19	120	17	.46	S	4	
„ Lyeemun,	29	42	122	00	.54	ESE	7	gpq.	„ Fooksang,	Min River.				.39	SSE	4	c.
„ Ardgay,	28	04	121	54	.54	SE	4	c.	„ Belgic,	24	25	118	23	.41	SSW	4	c.
„ Choysang,	27	30	120	55	.52	E	3	c.	„ Ancona,	23	45	118	12	.49	SW	4	c.

Typhoon IX, to which the foregoing observations refer, was already in existence but far away in the Pacific, on July 29th. On this day the ship *Ivy* experienced a fresh WSW gale with hard rainsqualls in 19° 45′, 133° 00′. Unfortunately they recorded no barometric observations but doubtless the bad weather encountered was due to a typhoon which was passing to the N and W of the vessel. On the 30th, the vessel being situated in 18° 54′, 132° 45′, the wind had backed to SW of force 6 the weather remaining very squally. The typhoon had now also commenced to affect the weather at Naha (Loo Choo Islands) where the barometer was falling quickly and the wind increasing from the NNE. On the 31st the observations show that a considerable decrease of pressure had taken place at this station during the preceding 24 hours and that the typhoon was also affecting the stations in Formosa and SW Japan. The centre was perhaps situated in 26°, 129° at noon and during the evening it approached the neighbourhood of Naha where the wind backed to WNW and blew a fresh gale, the barometer reading 29.17 at 9.30 p. The minimum reading recorded was 29.07 at 1.30 a. of August 1st the wind having then backed to WSW of force 5. Very heavy rain was falling with the wind steadily backing to SW and S during the morning but the barometer rose slowly. The centre was thus passing a little to the north of this station on the morning of August 1st its course probably being towards WNW and W during the time. At noon on August 1st the centre was situated in 27°, 127° or about 60 miles to the NW of Naha. The barometer was now falling rather quickly in the neighbourhood of N Formosa with the wind increasing to a fresh breeze from W at Keelung, the centre being situated at a distance of about 300 miles to the ENE of the station. Pressure was also giving way on the East coast of China and moderate to fresh NE breezes blew at the lighthouse stations at the mouth of the Yangtze the centre bearing about 350 miles to the SE of the North Saddle lighthouse at noon. In SW Japan moderate or fresh E breezes prevailed the barometer being almost stationary the centre being about 350 miles SW by S of Kagoshima. The steamships *Macduff* and *Empress of Japan* had fresh NE to E gales at a distance of about 250 miles to north of the centre and the bark *Alcides* about 200 miles in front of, *i. e.*, to the west of the centre, had an increasing N gale, a heavy sea and squally weather but the sky was only partially clouded and the weather remained dry.

On August 2nd at noon the centre was situated in 27° 00′, 123° 45′ the disturbance having moved westward at the rate of a little more than 7 miles per hour since noon of the preceding day. When the warning of August 2nd was issued from the Hongkong Observatory the centre was thus 170 miles to the NE of Tamsui (N Formosa). On referring to the noon observations made at the coast stations on this day it is seen that pressure had decreased generally on the China coast between Hongkong and Shanghai during the preceding 24 hours, the fall being a rapid one in the area between the N part of the Formosa Channel and Wenchow. The disturbance had also begun to affect the Yangtze stations where the barometer was now falling. In SW Japan and at Naha pressure was increasing as the typhoon moved away to the westward. Cyclonic winds were increasing in force on the China coast between N Formosa and Shanghai and very bad weather prevailed over an extensive area. At sea, E to SE gales with a heavy sea prevailed at a distance of 350 miles from the centre in the NE quadrant and in front or to the W of the centre it was blowing with storm force from N at a distance of 150 miles. The noon position given for the bark *Alcides* is very doubtful, but it is certain that the vessel was very close to the centre which must have passed a little to the north of her position. They experienced typhoon force of wind from N backing to W during the afternoon and evening accompanied by violent rainsqualls. The barometer fell to 28.60 at 4 p. but the instrument then became deranged and they were unable to make further observations.

On the 3rd August the noon observations made at the coast stations clearly indicate that the centre was then situated between the Middle Dog lighthouse and Wenchow. The notice issued from the Observatory on the morning of the 3rd was therefore quite accurate. An excessive decrease of pressure had taken place during the preceding 24 hours at these stations and all stations between Hongkong and Shanghai and also the Yangtze ports were now much affected by the disturbance. By aid of the observations made on board the S.S. *Choysang* and other vessels the exact position of the centre at noon is found to be a little to the East of Namquan harbour and in 27° 10′, 120° 45′. During the preceding 24 hours the typhoon had thus moved westward at an average speed of 7 miles per hour. The S.S. *Wuotan* at anchor in Bullock harbour and situated about 50 miles to the N of the centre at noon, had experienced typhoon force of wind from NE by N accompanied by thick rain since 7 a. the barometer remaining steady at 28.94 between 9 a. and noon. At 1 p. the wind veered to ENE with rising barometer and at 3 p the wind had come to ESE and had decreased to force 10 with a lighter appearance of the sky. The bark *Otago*, hove to, was at noon situated at a distance of 65 miles to the SW by S of the centre. They had experienced a heavy gale from W, backing to SSW during the morning and her decks were constantly filled by sea water, everything moveable being washed away. During the evening the gale abated the wind direction backing to S by W with

rising barometer. The observations made on board the S.S. *Choysang* at anchor in Namquan harbour show that the centre passed almost over the vessel and entered the continent about 3 p. After noon they experienced hurricane winds from NW with furious squalls and blinding rain so that it was impossible to see more than the ship's length. They made the following observations:—

1. 0 p.	28.71	NW	12	or.	hurricane squalls with occasional clears overhead.
2. 0 „	.65	NE	7	„	wind lulling: 2.06 p. calm: 2.15 p. shift to NE, light breeze: 2.30 p. shift to ENE moderate, barometer pumping.
3. 0 „	.65	ENE	4	„	clear all round.
3.40 „	.80	ESE	10	„	
4. 0 „	.84	ESE	12	„	hurricane with furious squalls and blinding rain.
5.30 „	29.13	SE E	12	„	
6. 0 „	.17	SE E	10	„	heavy squalls.
7. 0 „	.25	SE	9	„	constant rain.

These observations show that the centre passed over the anchorage, the vessel being situated on the northern edge of the central calm area. The disturbance continued on a W or WSW course in the interior of China, but it does not appear to have filled very rapidly. The coast stations between Hongkong and Shanghai were still affected by the depression on the 4th and it was not until the evening of this day that pressure began to increase again on the S coast, while the Yangtze ports of Kiukiang and Hankow continued to be under the influence of the disturbance until the 5th.

August 11th, 11.15 a. "A typhoon had approached the S coast of Japan yesterday afternoon."

The typhoon (X) referred to above did not affect the China coast. The track is taken from the Japanese Weather Maps. The centre was situated to the SE of Kiushui on the 9th and it entered the S coast of Japan near Hamamatsu during the early morning of the 11th and proceeded to the NNE and NE, the depression becoming shallower meanwhile. The following observations were made at sea:—

9th August.								10th August.							
S.S. Feilung,	33° 37′	136° 25′	29.76	ENE	5	c.		S.S. Feilung,	34° 26′	138° 43′	29.31	SE	7	orq.
„ Gwalior,	31 12	132 22	.62	NE N	7	c.		„ Gwalior,	Kii Channel.		.33	NNW	7	o.
„ Lawang,	29 22	129 32	...	NE	6	orq.		„ Amigo,	31 55	129 11	.61	NNW	5	c.

The S.S. *Gwalior* in the lefthand semicircle experienced a moderate NE gale backing to NNW between the 9th and 10th and the S.S. *Feilung*, in the right hand semicircle, had a very heavy E gale veering to S between the 10th and 11th.

August 25th, 11.10 a. "Barometer steady. Light S and SE winds. Weather fine but becoming less settled than of late."

August 26th, 10.40 a. "There is a depression in the N part of the China Sea to the S of Hongkong."

August 26th, 11.7 a. "Barometer falling. Moderate to strong E winds with showery and squally weather."

August 26th, 4.40 p. "Depression is probably moving towards WNW."

August 27th, 10.30 a. "Depression appears to have entered the N part of the Gulf of Tongking."

August 27th, 11.5 a. "Barometer rising. Fresh SE winds decreasing. Weather squally and showery."

August 28th, 10.40 a. "The depression has approached Haiphong."

August 28th, 11.0 a. Barometer steady. Moderate E to SE winds. Weather showery and squally to fair."

The following noon observations refer to the depression indicated in the foregoing:—

COAST STATIONS.

	August 25th.				August 26th.				August 27th.				August 28th.			
Amoy,	29.82	SSE	1	b.	29.84	SE	2	b.	29.86	SE	2	b.	29.90	WSW	2	b.
Hongkong,	.82	E	2	o.	.76	E	4	c.	.86	SE	4	ort.	.91	E	2	o.
Pakhoi,	.76	NNW	1	c.	.70	NNE	2	c.	.66	ENE	4	c.	.73	E	4	c.
Haiphong,	.82	WSW	1	c.	...	...	...	...	.64	E	...	c.	.65	ESE	8	o.
Hoihow,	.79	NE	3	b.	.70	ENE	3	c.	.64	SE	4	or.	.75	SSE	3	o.
Bolinao,	.82	SSE	1	o.	.82	S	2	o.	.84	var.	1	c.	.81	WSW	1	o.
Cape St. James,	...	SW	5	om.	...	...	...	...	...	SW	5	oq.	...	SW	7	oq.

VESSELS.

August 25th.

S.S. Tsinan,	19°	34′	110°	08′	29.82	SE	4	orq.	S.S. Chusan,	14°	45′	110°	13′	29.76	S	2	cq.
„ Bormida,	18	38	113	47	.76	NE	4	or.	„ Hupeh,	13	37	112	50	.75	SW	5	om.
„ Sishan,	16	02	110	41	.77	NNE	3	c.	„ Glenesk,	12	26	111	19	.82	WSW	8	q.

August 26th.

S.S. Taichiow,	22°	07′	114°	04′	29.76	E	5	rq.	S.S. Hupeh,	16°	54′	113°	29′	29.71	SE	1	op.
„ Alwine,	20	40	111	20	.82?	NE	4	...	„ Machew,	16	52	110	44	.68	NW	5	c.
„ Sishan,	19	25	112	24	.69	NE	3	c.	„ Glenesk,	16	16	113	33	.78	SW	4	or.
I.M.C.C. Likin,	18	14	109	30	.76	W	1	or.	„ Esang,	12	50	109	37	.77	S	1	o.
S.S. Pingsuey,	17	21	114	26	.77	S	6	or.	„ Tantalus,	11	24	111	05	.87	SW	6	c.

August 27th.

S.S. Alwine,	21°	52′	113°	10′	29.92?	SE	6	q.	I.M.C.C. Likin,	18°	14′	109°	30′	29.60	SSW	4	or.
„ Glenesk,	20	20	114	24	...	SSE	5	r.	S.S. Esang,	16	45	110	28	.68	SSW	5	or.
„ Hupeh,	20	09	113	53	.81	ESE	8	or.	„ Gera,	14	55	111	05	.71	SSW	5	o.
„ Machew,	20	00	112	27	.70	SE	9	rq.	„ Tantalus,	15	28	113	17	.82	SSE	6	c.
„ Taichiow,	19	19	112	15	.66	ESE	7	rq.	„ Pingsuey,	13	46	112	42	.84	S	6	op.

August 28th.

S.S. Activ,			at Pakhoi.		29.74	E	7	c.	S.S. Gera,	19°	37′	112°	24′	29.83	SE	4	o.
„ Esang,	20°	10′	112°	58′	.87	SE	6	c.	I.M.C.C. Likin,	18	14	109	30	.78	SE	5	c.
„ Tantalus,	19	52	113	40	.92	SE	4	c.	S.S. Taichiow,	17	21	110	40	.73	SSE	5	...

On the 25th August the sea observations show that winds had a tendency to circulate around the position 16°, 115° and the barometric observations also indicate that pressure was slightly low in this part of the China Sea. On the 26th pressure had decreased in Hainan and along the S coast of China where winds were moderate but increasing from E and NE accompanied by showery and squally weather. The noon observations made at sea show that pressure had also decreased to the SE of Hainan during the preceding 24 hours and indicate the existence of a cyclonic depression (XI) of slight intensity with its centre in about 18°, 112°½. At a distance of about 100 miles from this position winds were no stronger than moderate or fresh breezes at this time, but during the evening the steamships *Hupeh*, *Glenesk* and *Sishan* steering for Hongkong, in rear of the centre, had the wind increasing from the SE with rising barometer, the latter vessel experiencing a strong gale with rainsqualls and a high sea at midnight. The S.S. *Machew* was to the WSW of the centre in the morning and also steering towards Hongkong. During the evening the fresh NW breeze that had been experienced during the morning died away and gave place to a gentle SE breeze. At 2 a. of the 27th the barometer attained its lowest point, 29.55, and at 3 a. the wind rose to a fresh gale from ESE accompanied by heavy rainsqualls. It appears, therefore, that this vessel passed through the central area during the evening of the 26th and the observations show that the disturbance was only a shallow depression with moderate or slight gradients to the westward of and in the central area. In depressions of this class which form in the northern part of the China Sea and generally move towards the Gulf of Tongking strong winds are seldom developed on their western sides where the gradients are moderate owing to the low pressure usually prevailing in the Gulf of Tongking and neighbouring coasts during the summer. The disturbance was now moving to the WNW and it entered the East coast of Hainan during the morning of the 27th. At Hoihow strong NE breezes veering to SE were experienced accompanied by wet squally weather, the barometer rising during the afternoon. On the S coast of Hainan, at Yulinkau, the I.M.C.C. *Likin* experienced fresh SSW breezes with rain during the morning increasing to a moderate gale at night with rising barometer. At noon on the 27th August the centre was situated in about 19°¼, 109°, and it was about to pass from Hainan into the Gulf of Tongking. As pressure had increased very considerably in the neighbourhood of and to the southward of Hongkong, gradients were rather steep between Hongkong and Hainan and SE gales prevailed at sea between the two places. The S.S. *Machew* sustained great damage about her decks owing to the heavy sea which got up. The disturbance crossed the Gulf of Tongking between the 27th and 28th, and during the morning of the latter day the centre entered the coast a little to the South of Haiphong at which station a fresh NNE breeze prevailed during the morning veering to ESE and increasing to a gale with rising barometer during the afternoon.

The depression never attained any great intensity and the strongest winds reported were of force 9 only. Its average rate of progression between the 26th and 28th was nearly 8½ miles per hour.

Although the information issued from the Observatory with regard to this depression was substantially correct it may be stated that no observations were received from Hoihow between August 20th and 30th. As the disturbance crossed Hainan and as it was at all times nearer to Hoihow than to Hongkong it is readily seen that such observations would have afforded valuable assistance had they come to hand.

September 5th, 4.27 p. "There appears to be a depression to the East of Luzon."

September 6th, 11.9 a. "The barometer continues to fall at Bolinao. On S coast, barometer steady with fresh NE winds and fair weather."

September 7th, 11.10 a. "The small depression situated in the neighbourhood of Central Luzon yesterday has moved westward into the China Sea. On S coast, barometer falling with fresh NE winds and fair weather."

September 8th, 10.55 a. Red South Cone hoisted. "The depression appears to be situated to the west of N Luzon."

September 8th, 11.17 a. "The barometer is falling quickly on the S and SE coasts of China and fresh NE winds, increasing, may be expected here with fine weather at first, but probably becoming unsettled later."

September 8th, 4.30 p. "The depression is probably moving slowly towards WNW."

September 9th, 11.15 a. "The depression appears to have but little motion at present but it is increasing in intensity. The barometer continues to fall on the S and SE coasts of China. Strong NE winds, squally, with fair weather probable here."

September 9th, 5.10 p. Black South Cone hoisted.

September 10th, 7.45 a. "Gale from NE to E expected in Hongkong." Gun fired one round.

September 10th, 10.57 a. "Typhoon S of Hongkong apparently moving towards NW. The barometer is almost steady and there is no present indication of more wind than a strong gale here."

September 10th, 4.40 p. "Typhoon SSW of Hongkong moving towards Hainan. Barometer now rising here."

September 11th, 5.33 a. Black Ball hoisted.

September 11th, 11.3 a. "The barometer has risen generally except at Haiphong. Fresh SE to E winds with showery and squally weather probable in this neighbourhood."

September 11th, 4.0 p. Black Ball taken down.

September 11th, 4.30 p. "The typhoon appears to have passed into the NE part of the Gulf of Tongking."

September 12th, 10.15 a. "The typhoon is approaching the neighbourhood of Haiphong."

The following are the noon observations referring to the typhoon above indicated:—

COAST STATIONS.

	September 7th.				September 8th.				September 9th.			
Amoy,	29.84	NNE	1	c.	29.80	ENE	2	b.	29.72	NE	1	c.
Hongkong,	.84	E	3	c.	.75	E	3	b.	.69	ENE	4	c.
South Cape,	.81	NE	5	c.	.75	NE	4	c.	.76	ENE	2	c.
Hoihow,	.85	ENE	4	or.	.79	NE	3	b.	.67	NE	3	b.
Bolinao,	.81	SE	4	o.	.75	S	3	or.	.74	SSE	2	o.
Cape St. James,	...	SW	3	c.	...	W	5	c.	...	...	...	...

	September 10th.				September 11th.				September 12th.			
Amoy,	29.78	NE	1	c.	29.92	NE	2	or.	29.97	NE	1	or.
Hongkong,	.68	NE	6	orq.	.86	ESE	3	or.	.94	E	2	o.
Pakhoi,	.67	NNW	7	b.	.67	N	7	cd.	.81	SE/S	3	c.
Haiphong,	.74	NNE	4	b.	.71	NW	5	c.	.66	SE	6	c.
Hoihow,	.60	N	6	od.	.40	ESE	8	o.	.87	SSE	3	od.
Bolinao,	.78	S	3	c.	.99	S	1	c.	.90	NW	3	o.
Cape St. James,	...	SW	6	o.	...	SW	5	c.	...	S	5	om.

VESSELS.

September 7th.

S.S. Ravenna,	21°	30′	113°	45′	29.84	NE	6	o.	S.S. Zafiro,	15°	51′	119°	05′	29.73	SW	6	rq.
„ Gerda,	19	22	112	43	.79	NE	5	or.	„ Arratoon Apcar,	13	46	112	05	.70	WSW	6	o.
„ Vorwaerts,	18	49	117	35	.74	NE	5	...	Bk. F. Skolfield,	12	56	113	30	.80	SW	4	o.
„ Sungkiang,	16	06	119	00	.70	S	4	orq.	S.S. Chusan,	12	24	115	12	.80	W	5	or.
Sh. Lilian Robbins,	16	00	114	30	...	WNW	2	rq.	„ Bormida,	9	33	109	55	.85	W	5	c.

September 8th.

S.S. Vorwaerts,	21°	16′	114°	48′	29.70	NE	...	q.	S.S. Arratoon Apcar,	16°	14′	113°	28′	29.54	W/S	9	...
„ Pakshan,	19	42	112	43	.79	NNE	5	o.	Bk. F. Skolfield,	14	50	115	34	.74	SW	6	oq.
„ Zafiro,	19	10	116	45	.66	SE	5	q.	S.S. China,	12	33	109	29	.83	W	5	c.
Sh. Lilian Robbins,	17	10	115	03	.36	W	10	orq.	„ Chusan,	11	59	118	56	.84	WSW	5	cq.

September 9th.

S.S. Tai Cheong,	21°	14′	114°	09′	29.63	NE	8	cg.	Sh. Lilian Robbins,	18°	02′	114°	55′	29.26	E	10	orq.
„ Mathilde,	18	40	110	42	.60	N	7	o.	S.S. Arratoon Apcar,	17	30	115	24	.46	SSE	9	...
„ Holstein,	18	26	111	38	...	NNE	8	oq.	Bk. F. Skolfield,	16	39	117	45	...	SSE	...	oq.
I.M.C.C. Kaipan,	18	12	109	33	.72	W	3	c.	S.S. China,	10	17	107	24	.84	WSW	4	c.

September 10th.

S.S. Arratoon Apcar,	20° 58′	114° 16′	29.64	NE	7	...	I.M.C.C. Kaipan,	18° 12′	109° 33′	29.67	NW	2	od.
„ Holstein,	19 47	112 22	.59	NNE	12	orq.	S.S. Tai Cheong,	18 02	111 34	.30	NW	11	oq.
„ Mathilde,	(18. 30	111 15)?	.40	NW	9	orq.	Sh. Lilian Robbins,	19 20	114 23	.56	ESE	10	orq.

September 11th.

S.S. Framnes,	21° 46′	113° 50′	29.84	SE	4	op.	I.M.C.C. Kaipan,	18° 12′	109° 33′	29.71	W	5	orq.
„ Mathilde,	19 01	111 51	.62	SSW	9	orq.	S.S. Tai Cheong,	15 28	110 08	.79	W	4	o.

September 12th.

S.S. Hongkong,	20° 32′	108° 32′	29.84	SW	4	c.	S.S. Strathdee,	19° 32′	107° 30	29.80	S	4	r.

The foregoing observations refer to the typhoon which crossed the China Sea between the 7th and 12th September, but the observations made on board the sailing vessel *Lucile* which was in the Pacific at some distance to the eastward of Luzon appear to show that two typhoons were in existence at the same time the one crossing the China Sea in a WNW direction, and the other moving northwards in the Pacific. With regard to the latter the *Lucile* experienced increasing WNW winds with heavy squalls on the 4th in 13° 32,′ 127° 41′ the barometer having fallen to 29.73. On the 5th in 15° 19,′ 127° 44′ the vessel was hove to on the port tack, the wind having increased to a gale from SW with squalls of typhoon force and a high cross sea. The barometer remained almost steady. On the 6th in 14° 50,′ 128° 32′ and on the 7th in 16° 41,′ 128° 32′ the SW gale continued with heavy squalls and a cross sea, and it was not until the 8th that the barometer rose decidedly and the weather improved. It appears, therefore, that the *Lucile* was under the influence of a typhoon (XII) which was moving to the northwest and north. On the 10th September a typhoon was approaching SW Japan and it subsequently moved to the NE crossing Japan on the 11th and 12th. It appears probable that this disturbance was the same as felt on board the *Lucile* between the 4th and 7th. The track of the typhoon across Japan is taken from the Japanese Weather Maps, but as the China Coast was not directly affected and the observations from the Japanese station of Naha (Loo Choo islands) are not yet to hand, it is impossible to prolong the track of the typhoon to the southward of Japan with certainty.

With regard to the typhoon (XIII) in the China Sea, the following conditions prevailed there for the two or three days previous to the 7th September:—Moderate to strong E and NE breezes with squally wet weather to the north of 16° or 17° latitude and moderate to fresh SW breezes to the south of 13° latitude. In the intervening area, particularly on its eastern side, light variable winds and calms prevailed and a gradual but moderate decrease of pressure was in progress at Bolinao and Manila. Between the 6th and 7th pressure increased 0.07 inch at Bolinao and a fresh SE breeze blew there on the morning of the 7th and at Manila a moderate SW breeze so that a southerly current had now taken the place of the light variable winds which had previously prevailed on that part of the Luzon coast. On the S. coast of China pressure was slowly decreasing and the fresh NE winds were still maintained. The marine data for the 7th indicate a depression, which was as yet of slight intensity, to be central in about 16°½, 117° and it seems probable that the increase of pressure and the rather sudden advance of the southerly current northward on the W coast of Luzon were the chief causes which determined the formation of the cyclonic depression. The steamships *Sungkiang* and *Zafiro*, situated at a distance of about 120 miles to the rear of the centre at noon, experienced fresh to strong S to SW breezes accompanied by heavy rain and a high SSW sea. The sailing vessel *Lilian Robbins* was situated at a distance of about 150 miles in front of the centre at noon and they had the wind increasing from the WNW accompanied by rainsqualls.

On the 8th the observations show a considerable decrease of pressure on the S coast of China while at Bolinao the barometer had again fallen, although the centre was now slowly moving away from the station, which appears to indicate that the depression had become deeper since the previous day. The centre at noon on the 8th was probably situated in 17° 30,′ 115° 30′ which shows that the disturbance had moved towards NW by W at the slow rate of just over 4 miles per hour. The centre was thus about 30 miles to the NE of the *Lilian Robbins* at noon. This vessel had experienced a strong or whole NW backing gale with heavy rainsqualls and a high cross sea during the morning. They did not record the height of the barometer until 8 a. and thence it was almost steady or fell slowly until midnight when it read 29.26. The wind had gradually backed from W to SW between noon and midnight, but it continued to blow with force 10 except for a short time near 8 p. when it moderated slightly and at the same time the rain ceased and there was some partially clearing of the sky. The vessel was thus in the lefthand semicircle and the centre was slowly passing at a short distance to the north of her position on the evening of the 8th. Both the *Zafiro* and *Sungkiang* had passed into the NE quadrant since the previous day and had experienced the wind backing to SE during the interval. The barometer had fallen although they continued to be at about the same distance from the centre as on the previous day which, as above stated, indicates that the depression had become deeper. The S.S. *Arratoon Apcar*, bound for Hongkong and at a distance of about 150 miles to the SW by W of the centre, experienced a W by S gale with high sea and a falling barometer. They very properly ran to the eastward, but as the disturbance was moving very slowly they gained no immediate relief as they continued to experience a strong gale from WSW during the evening with the barometer still falling.

At noon on the 9th the *Lilian Robbins* was still close to the centre, but her position, which is from dead reckoning, may possibly be somewhat in error as the vessel had been subject to a whole gale for a period of 36 hours and her position had not been determined by observation since noon of the 7th. The centre is, therefore, placed in 17° 45,′ 114° 00′ at noon on the 9th which is a few miles to the westward of the position which the observations made on board this vessel would appear to indicate. This gives the disturbance a motion at the rate of rather less than 4 miles per hour in a W by N direction during the 24 hours ending at noon on the 9th. The *Lilian Robbins* was evidently situated close to the centre and was probably being carried along by the storm. The lowest recorded reading of the barometer was 29.26 and the mercury remained practically steady at this point the whole day. The wind, however, changed from SSW to E between 4 a. and 6 a. so that the vessel passed from the SE to the NE quadrant during the interval. After noon the wind veered to ESE but continued to blow with force 10 to 11 accompanied by heavy rainsqualls for the remainder of the day. The S.S. *Arratoon Apcar* experienced a strong SSE gale at a distance of about 90 miles to the rear of the centre, the S.S. *Holstein* a fresh NNE gale at a distance of about 150 miles in front of the centre and the S.S. *Tai Cheong* a fresh NE gale at a distance of 200 miles to the N of the centre. When the Black South Cone was hoisted the centre was situated about 260 miles to the south of Hongkong.

At noon on the 10th the centre was situated in 18° 30′, 112° 30′ or about 250 miles to the SSW of Hongkong and about 150 miles to the SE of Hoihow. The disturbance had continued to move at an average rate of about 4 miles per hour during the preceding 24 hours, the direction being towards WNW. At Hongkong it blew with an average force of a moderate gale from NE and ENE during the middle part of the day accompanied by rainsqualls, but the disturbance was now slowly moving away from the Colony and the barometer commenced to rise during the afternoon. At Hoihow the barometer was falling and a strong N breeze, increasing, was experienced. The sky was overcast and drizzling rain was falling. As usual the observations made at this station failed to reach Hongkong until two days later on. At sea the S.S. *Taicheong* was about 60 miles to the WSW of the centre at noon. This vessel had continued on her course towards SW since noon of the previous day and had run across the path in front of the centre in the course of the morning during which time winds of storm force backing from NE by N to NW were experienced accompanied by violent squalls. The lowest recorded reading of the barometer was made at noon. After this hour very heavy rain squalls were experienced and the wind continued backing towards W and SW but decreasing slowly in force. At midnight the barometer had risen to 29.50 but it still blew a strong gale from SW by W. The S.S. *Holstein* was in the righthand semicircle and situated at a distance of about 75 miles to the N by W of the centre. During the afternoon and evening a typhoon from NE veering to E was experienced, the lowest reading of the barometer (29.22) being recorded at midnight. Next morning the wind veered to SE, decreasing slowly, with rising barometer. The ship *Lilian Robbins*, in the NE quadrant at a distance of about 120 miles from the centre, still had a whole gale from ESE at noon on the 10th but the barometer was rising quickly and the gale decreased during the evening. The S S. *Mathilde* was hove to on the port tack early on the morning of the 10th. At noon she was probably situated at a distance of about 75 miles to the front of the centre. The barometer fell very rapidly during the evening and the wind which had been gradually increasing from the NW since noon attained typhoon force at 8 p. At 11 p. the wind decreased to force 4, and at midnight with the lowest recorded reading of the barometer (28.74) the wind changed to SW of force 3, the rain ceased, the sky partially cleared and the sea became moderate. The wind continued light from SW until after 2 a. of the 11th, the barometer having risen slightly but at 3 a. it was blowing with typhoon force from SW and the barometer had risen to 28.94. Typhoon force from SW lasted until 6 a. when the storm began to abate, the direction backing to SSW at 9 a. The vessel therefore appears to have been situated on the southern edge of the central area at midnight of the 10th and the disturbance appears from these observations to have been moving to the NW at the time.

During the morning of the 11th the centre entered the island of Hainan. At Hoihow a whole gale from N by E was experienced at 2 a. and the barometer fell to its lowest point, 29.40, at noon, at which hour the wind had veered to ESE and decreased to a fresh gale. In the course of the afternoon the wind further veered to SE and gradually decreased in force and at 9 p. the barometer had risen to 29.71. The I.M.C.C. *Kaipan* was anchored in Yulinkan Bay on the extreme south coast of Hainan. A strong W breeze was experienced during the morning which decreased in the afternoon and backed to SW in the evening. The barometer was rising after 8 a. and read 29.79 at 8 p. The centre at noon was situated in 19° 30′, 110° 0′ or a few miles to the south of Hoihow and it had evidently commenced to fill up on entering the island. The course of the disturbance continued to be towards the WNW but the average speed had increased to 6½ miles per hour between the 10th and 11th. In the course of the evening the steamships *Strathdee* and *Hongkong* encountered the typhoon in the Gulf of Tongking. The *Strathdee* which had left Hongay for Hongkong on the morning of the 11th experienced a moderate N breeze with cloudy and gloomy weather. During the afternoon the barometer began to fall quickly and at 8 p. they had a heavy gale from NNW which increased to typhoon force from the same direction at midnight, the vessel then being situated in 20° 00′, 107° 33′. The barometer was at its lowest point (29.56) at the same hour. The vessel was in the lefthand semicircle and the wind gradually backed to NW 10 (29.65) at 4 a. and to W 10 (29.79) at 8 a.

The S.S. *Hongkong* had left Haiphong for Hongkong in the morning. During the evening, the vessel being in the righthand semicircle, the wind rose from the NE and blew with force 11 at 8 p. At midnight the vessel being in the position 20° 53′, 108° 09′ they experienced typhoon force of wind from E and ESE, the barometer having fallen to 29.60. At 4 a. on the 12th the wind had veered to SE of force 10 and at 8 a. to S of force 6 and at the latter hour the barometer had risen to 29.74. From these observations the centre must have been situated in 20° 10′, 108° 10′ at midnight of the 11th. It passed between the two vessels which were not very far asunder and although violent winds still blew near the centre the depression had evidently become shallower during its progress across the island of Hainan.

On the 12th September a strong NNW breeze was experienced at Haiphong during the early morning with the barometer reading 29.66 at 7 a. At 1.30 p. they had a strong breeze from SE and the barometer reading 29.60. From these observations, which are the only ones available, it is clear that the centre must have entered the coast and passed over, or very near, the ports between 7 a. and 1.30 p. but probably nearer the latter hour. The average rate of progression between noon of the 11th and noon of the 12th was about 9½ miles per hour so that during the two previous days the rate of travel of the disturbance had gradually increased although its intensity had certainly decreased during this interval.

On the 13th the disturbance had disappeared from observation.

September 13th, 11.0 a. "The barometer is falling again in Luzon. On S coast, barometer steady. Moderate NE winds. Weather showery and squally."

September 13th, 4.30 p. "A depression is indicated to the E of Luzon."

September 14th, 11.8 a. "Barometer falling. Light NE winds. Weather fair."

September 15th, 11.10 a. "The barometer continues to fall in Luzon and S China. Light N winds with fair weather probable on S coast."

September 15th, 4.20 p. "The depression is now situated to the E of N Luzon."

September 16th, 10.53 a "The depression appears to be approaching the Luzon coast to the ESE of Bolinao."

September 16th, 11.15 a. "Barometer falling in S China. Light to moderate N and NE winds with fair weather probable on S coast."

September 17th, 10.5 a. Red South Cone hoisted.

September 17th, 10.55 a. "The centre of the typhoon has entered the China Sea this morning after passing near Bolinao. It is probably moving towards NW at present."

September 17th, 11.12 a. "Barometer falling in S China. In Hongkong, moderate N winds gradually increasing with weather becoming unsettled during the next 24 hours."

September 18th, 10.30 a. Black South Cone hoisted.

September 18th, 10.50 a. "The centre of the typhoon is situated to the WNW of Bolinao. At present it is probably moving in a direction between WNW and NW."

September 18th, 11.15 a. "In Hongkong, barometer falling, fresh N winds increasing with every probability of a gale from the NE during the next 24 hours."

September 18th, 4.15 p. Gun fired one round. "Typhoon about 250 miles SSE of Hongkong moving towards WNW. Strong NE to SE gale expected in Hongkong."

September 18th, 7.10 p. Two lanterns hoisted vertically.

September 19th, 10.30 a. "Typhoon SSW of Hongkong moving towards the coast to the N of Hainan Straits. In Hongkong, strong E to SE gale decreasing towards night."

September 19th, 3.30 p. Black Ball hoisted.

September 20th, 10.15 a. Black Ball taken down.

September 20th, 10.45 a. "The typhoon is approaching the neighbourhood of Haiphong. In Hongkong, barometer rising with fresh SE to E winds and weather showery and squally.

The following noon observations refer to the typhoon indicated in the foregoing information:—

COAST STATIONS.

	September 15th.				September 16th.				September 17th.			
Amoy,	29.81	NE	1	b.	29.76	NNE	1	c.	29.67	NE	2	b.
Hongkong,	.83	W	1	b.	.80	ESE	1	c.	.68	N/E	3	c.
South Cape,	.78	NNE	4	b.	.74	NNE	5	c.	.65	NE	6	mgr.
Hoihow,	.84	E	2	b.	.87	N	1	b.	.75	N	3	b.
Bolinao,	.71	var.	1	c.	.56	N	4	o.	.28	SE	4	o.
Manila,	.70	W	2	c.	.51	W/S	4	o.	.37?	S	10	omrq.

	September 18th.				September 19th.				September 20th.			
Amoy,	29.65	NNE	3	o.	29.81	ESE	1	c.	29.86	NE	2	c.
Hongkong,	.59	NNE	3	oq.	.57	E	8	orq.	.82	ESE	3	o.
Pakhoi,	.66	N	4	c.	.45	N	8	od.	.53	SSE	2	o.
Haiphong,	.72	NNW	...	c.	.61	WNW	4	o.	.52	W	6	o.
Hoihow,	.65	NNW	3	c.	.18	NW	10	od.	.67	SSE	3	od.
South Cape,	.68	ENE	5	cm.	.87	N	3	omp.	.87	NNE	2	c.
Bolinao,	.55	SE	2	or.	.80	S	2	o.	.84	S	2	b.
Cape St. James,	...	SW	3	c.	...	SW	7	oq.	...	SW	7	oq.

VESSELS.

September 15th.

Bk. F. Skolfield,	20° 41′	121° 43′	29.81	NE	5	p.	S.S. Memnon,	11° 7′	117° 42′	29.76	N	2	r.
S.S. Ajax,	14 45	112 36	.85	NW	5	...	,, Pronto,	in Iloilo.		.74	SW	4	q.

September 16th.

Bk. F. Skolfield,	20° 20′	122° 27′	29.74	NNE	6	...	S.S. Donar,	16° 01′	110° 06′	29.79	N	3	c.
,, Kitty,	20 09	117 53	.70	NE	7	o.	,, Pronto,	12 10	120 52	.63	W	6	...
S.S. Ajax,	18 40	113 36	.81	N	...	...	,, C. H. Kian,	10 54	110 45	.75	W	3	rq.

September 17th.

Bk. F. Skolfield,	21° 44′	122° 30′	29.74	E	6	rq.	S.S. Sungkiang,	17° 15′	117° 34′	29.39	N/E	8	p.
,, Kitty,	19 34	118 29	.46	NE	(12)?	...	,, C. H. Kian,	14 32	112 46	.65	NW	4	oq.
S.S. Arratoon Apcar,	19 15	113 34	.71	NNW	3	c.	,, Fidelio,	Manila Bay.		.25?	S	8	orq.
,, Zafiro,	18 00	119 13	.36	NE	8	...	,, Pronto,	(13 0	120 15)?	.46	WSW	12	rq.

September 18th.

Bk. Kitty,	19° 28′	117° 41′	29.34	NE	12	mr.	S.S. Arratoon Apcar,	15° 24′	113° 07′	29.53	SW	9	rlt.
S.S. Sungkiang	17 24	118 05	.24	S	7	rq.	,, Chowfa,	15 14	11[illegible] 24	.65	WNW	6	...
,, C. H. Kian,	17 17	113 34	.37	NW	7	orq.	Bk. W. le Lacheur,	15 10	115 55	...	SW	10	...
,, Zafiro,	16 06	119 32	.34	SSE	8	...	S.S Pronto,	14 02	118 22	.59	SW	10	rq.

September 19th.

Bk. Kitty,	21° 26′	117° 50′	29.80	SE	2	c.	I.M.C.C. Kaipan,	18° 12′	109° 33′	29.54	W	6	or.
S.S. Japan,	21 10	114 18	.43	SE	9	...	S.S. Chowfa,	17 44	110 28	.54	W	10	orq.
,, Frejr,	20 47	109 17	.38	NNW	10	...	,, Pronto,	16 06	118 03	.73	SW	8	q.
I.M.C.C. Likin,	19 57	109 50	.34	NW	9	orq.	,, C. H. Kian,	15 28	114 16	.58	SSW	9	c.
S.S. Alwine,	at Hoihow.		.11	NW	10	rq.	,, Arratoon Apcar,	12 33	111 25	.69	SW	7	c.

September 20th.

S.S. Frejr,	at Pakhoi.	29.57	SSE	7	q.	I.M.C.C. Kaipan,	18° 12′	109° 33′	29.76	SSW	2	r.

Typhoon XIV was first experienced by the sailing vessel *Lucile* between the 12th and 17th of September, the vessel being situated at that time to the East of S Luzon. Her position during this period is not accurately stated but it may be taken as somewhere between the latitude of 13° and 14° and the longitude of 125° and 126°. They made scarcely any observations but the barometer is stated to have been falling on the 12th and 13th, the wind varying from N on the former to NW and WSW on the latter date. The wind was of the strength of a fresh breeze, rain was falling and the weather was very unsettled. On the 15th it blew a gale from W and SW accompanied by fierce squalls and heavy rain. On the morning of the 16th the barometer read 29.59 and the wind blew a moderate gale from SW backing to S by E accompanied by hard rainsqualls. In the course of the evening the weather moderated. From this information it appears that the typhoon was approaching the vessel from the eastward between the 13th and 15th, and that it passed to the north of the vessel moving westward, probably along the parallel of 15°, between the 15th and 16th. In the absence of detailed observations from the stations in Luzon, the observations telegraphed from Bolinao and Manila at the time being the only ones available, the centre may be placed in 15°, 123° at noon on the 16th and it appears to have entered the E coast of Luzon the same night. The weather was becoming bad at this time both at Bolinao and Manila. At the former station the wind increased to a gale from N during the evening and the barometer had fallen to 29.48 at 7 p. At 6 a. on the 17th the wind had decreased to a moderate breeze from N, the weather was wet and the barometer had fallen to 29.24. Between 8 a. and 9 a. the wind changed to the SE but was of force 2 or 3 only and no motion was discernible in the clouds. The barometer remained almost steady, the light SE wind continuing until after noon when it commenced to increase in force. The clouds were now coming fast from the SE, but later the direction backed to E together with the wind which at 5 p. (barometer 29.17) had attained the force of a strong gale accompanied by heavy rainsqualls. At Manila they had storm force of wind from S at 10 a. (barometer 29.37), but at 4 p. it had decreased to a fresh S gale and the barometer which read 29.37 showed a rise allowing for daily variation. The centre was passing probably a few miles to the south of Bolinao during the

morning and the observations indicate that it was not of a sharply defined character but that it embraced a considerable area where gradients were slight or moderate and the winds light. In this respect the disturbance approximated somewhat to the conditions which prevail in the depressions of more northern latitudes. The disturbance had, of course, just crossed the island of Luzon, but next day the disturbance being then in the China Sea this feature was still maintained. The centre was probably situated in 15° 45′, 119° 30′ at noon on the 17th. The bark *Kitty* reported typhoon force of wind from NE at a distance of about 230 miles to the N by W of this position and the S.S. *Pronto* a hurricane from WSW with a tremendous sea at a distance of about 160 miles to the S by E of the centre. In both cases the wind force would appear to have been over-estimated. The S.S. *Sungkiang* situated about 140 miles to the NW, or in front of the centre, had a fresh increasing gale from N by E with high confused sea, and the S.S. *Zafiro* had a fresh NE gale with high sea at the same distance to the N of the centre.

At noon on the 18th the centre was situated in 17° 45′, 116° 30,′ and accepting this position and that for the previous day as correct the disturbance had moved to the NW by W at an average speed of nearly 9 miles per hour during the preceding 24 hours, and thus the notice issued from the Observatory at 4 p. on this day was quite accurate the centre being situated at that time to the SSE of the Colony and distant 270 miles. The barometer had risen much in Luzon since the previous day while it had fallen on the S coast of China and in Hainan. At Hongkong the wind rose to a strength of a strong gale from ENE at 9 p. accompanied by rainsqualls while at Hoihow the wind had increased to a strong breeze from NW at the same hour. At sea very bad weather prevailed over a large area. The S.S. *Sungkiang* was not far from the centre at noon. In the course of the morning the centre had passed very close to the vessel. The barometer fell to its lowest point (29.09) at 5 a. and the wind which had been a fresh NNE gale at 2 a. decreased and became light and variable at the former hour. The sea decreased with the wind, the rain ceased and the sky partially cleared. At 8 a., the barometer having risen to 29.17, the wind increased to a strong breeze from S and rain set in again, but it was not until 4 p. that the strongest winds were experienced. At this hour the barometer had risen to 29.42 and they had storm force from S with rainsqualls and a mountainous sea. A sea anchor was put overboard at this time but the weather moderated in the course of the evening. The observations made on board this vessel show clearly that the gradients were steepest and the wind strongest at a long distance from the centre and also that the gradients were steeper and the winds stronger in rear than in front of the centre. The bark *W. le Lacheur* was at noon at a distance of 160 miles to the S by W of the centre. During the early morning they had experienced a whole gale from W by N and she lost some small sails in a heavy squall. The remainder were furled and the ship was kept before the wind under bare poles. The wind was backing steadily towards SW and the heavy turbulent sea which was running caused considerable damage aft. The steering gear was carried away at 2 p., but it was repaired and used again with the aid of relieving tackles. In the course of the evening the weather moderated. The bark *Kitty*, hove to on the starboard tack, was at a distance of about 130 miles to the NE of the centre at noon. Typhoon force of wind from NE and ENE was experienced during the morning and at 7 a. the fore and main rigging carried away. The lowest recorded reading of the barometer, 29.29, was made at 4 a. In the afternoon the wind veered to ESE with rising barometer, the weather moderating late the same evening. The S.S. *C. H. Kian* at a distance of about 160 miles to the W by S of the centre at noon had the barometer falling and the wind increasing from the WNW accompanied by continuous heavy rain. The vessel wisely stood back to the southward and had the barometer rising and the wind backing to WSW, but the force increased to 10 and 11 accompanied by torrential rain and a heavy cross sea. The S.S. *Japan* left the harbour of Hongkong about an hour after the warning gun was fired, her destination being Singapore. During the evening the barometer was falling and they encountered a whole gale from NE with a high sea They stood to the E and SE, but the weather did not improve and the barometer continued to fall.

On the 19th at noon the centre was situated in 20° 00,′ 112° 00,′ *i.e.*, at a distance of 180 miles to the SW of Hongkong and 90 miles to the E of Hoihow. At the former station the barometric minimum occurred near 4 a. when the reading was 29.45. The wind was at this time from ENE and blowing with the force of a strong to whole gale. The highest hourly wind velocity recorded by the anemograph was 67 miles at 10 a. the direction being E by S. After this hour the wind continued to veer with the force gradually decreasing. At midnight a moderate gale was blowing from SE and the barometer had risen to 29.73. Rainsqualls prevailed throughout the day, the fall amounting to 3.10 inches for the 24 hours. The centre passed a few miles to the NE and N of Hoihow and entered the Lei Chau peninsula during the evening. At the Hoihow Custom House the barometer attained its minimum, 28.99, at 5 p. The wind increased to a whole gale from NNW during the morning of this day backing to NW and blowing with storm force in the afternoon accompanied by violent rain squalls. In the course of the evening the wind backed to W and decreased to force 6 at 10 p. when the barometer had risen to 29.19. The S.S. *Alwine* which was lying in this port recorded the wind as SSW of force 5 at 10 p. and as S of force 11 at midnight. The centre was advancing towards Pakhoi during the evening and the wind there had increased to a strong gale from NNW at 9 p. and the ba[illegible]was falling quickly. At sea the S.S. *Japan* was to ENE of, and distant about 150 miles from, [illegible]tre at noon. The barometric minimum, 29.23, was observed at 4 a. and after this hour

the wind gradually veered towards SE blowing with the force of a strong gale accompanied by hard rainsqualls and a very high sea. Late the same evening the weather improved, the wind veering to S and decreasing. The S.S. *Chowfa* experienced a heavy W backing gale at a distance of 160 miles to the SW by S of the centre. The I. M. C. C. Likin situated a few miles to the west of Hoihow experienced winds of storm and typhoon force from NW during the afternoon, the direction backing to SW the same evening. The S.S. *Frejr* put into Guie Chau harbour (21° 01.′ 109° 06′) near Pakhoi for shelter at 7 p. and experienced storm force of wind from NNW until 2 a. on the 20th when with the barometer at its minimun, 29.22, the wind abated and the weather improved. The barometer did not rise until after 4 a., but the wind had backed to SW of force 5 at 6 a. The centre thus passed to the north of the vessel at about 3 a. at which hour it was, in fact, passing over or very near Pakhoi. At this station the lowest reading of the barometer, 29.05, was registered at 2.45 a. and at the same time the wind which had been a strong gale from NNW died away to a calm which lasted until 3.15 a when a light breeze sprang up from SW to S and the barometer commenced to rise. At 6 a. the reading was 29.32 but the wind was not recorded. The disturbance had apparently filled a little while crossing the Lei Chau Promontory.

At noon on the 20th the centre was probably situated on 22°½, 107°½, *i.e.*, at a distance of about 100 miles to NNE of Haiphong where the barometer had fallen and a strong W breeze prevailed on the afternoon of this day.

This typhoon traversed the China Sea with a mean direction of W 31° N or, roughly speaking, its course was to NW by W. The average hourly rate at which it moved, increased from rather less than 9 miles per hour between the 17th and 18th to 12 miles per hour between the 18th and 20th. The depression appears to have deepened during its passage across the China Sea, but the change was probably not considerable. On an average winds of the strength of a whole gale or force 10 blew at a distance of 150 miles from the centre in all azimuths while the disturbance was in the China Sea.

September 22nd, 11.15 a. "The barometer is falling again at Bolinao and in S. China and there are some indications of a distant depression to the Eastward in the Pacific. In Hongkong, light variable winds and fair weather."

September 23rd, 11.14 a. "The depression indicated yesterday morning appears to be situated to the E of the Balingtang Channel at present."

September 23rd, 11.25 a. "In Hongkong, barometer falling with light N winds and fair to showery weather."

September 24th, 11.15 a. Red Drum hoisted. "The depression appears to have moved westward since yesterday and to be now situated to the W of N Luzon. In Hongkong, barometer falling with light N and NE winds and fair weather."

September 24th, 6.10 p. Red South Cone hoisted.

September 24th, 10.20 p. Two lanterns hoisted vertically.

September 24th, 11.10 p. Gun fired one round. "Typhoon SSE of Hongkong appears to have altered its course and to be now moving in a northwesterly direction. Strong northeast to southeast gale expected in Hongkong."

September 25th. Black South Cone hoisted before daylight.

September 25th, 6 a. "The barometer is falling rapidly and it is probable that the centre of the typhoon will enter the coast at no great distance to the West of the Colony. Typhoon force of wind will probably be experienced from E to SE." Gun fired two rounds.

September 25th, 11.50 a. Black Ball hoisted.

September 26th, 10.15 a. Black Ball taken down.

September 26th, 11.20 a. "Barometer rising. Fresh SE winds, squally. Weather fair to showery."

The following noon observations refer to the typhoon indicated by the foregoing information:—

COAST STATIONS.

	September 22nd.				September 23rd.				September 24th.				September 25th.			
Amoy,	29.79	NE	1	c.	29.74	NNE	1	b.	29.75	NNE	1	b.	29.84	SE	2	c.
Fisher Island,	.75	NNE	6	c.	.71	NNE	6	cm.	.76	NE	2	bm.	.85	E	1	c.
Breaker Point,	.81	NE	2	c.	.77	ENE	2	c.	.78	NE	4	c.	.80	SE	4	omr.
Canton,	.82	S	1	o.	.77	ENE	1	c.	.75	NNE	1	c.	.61	ENE	8	or.
Hongkong,	.82	E	1	c.	.77	WNW	1	o.	.74	N	1	c.	.51	SE E	10	orq.
Macao,	...	...	...	...	...	...	...	...	...	...	...	...	.29	E/S	7	orq.
Gap Rock,	.83	E	2	...	.78	E	1	...	.73	NNE	1	...	.33?	SE	11	...
Pakhoi,	.78	SE	2	c.	.77	SSE	1	c.	.74	SSW	1	c.	.67	N W	3	c.
Hoihow,	.83	SE	3	b.	.82	NNE	1	b.	.78	N	3	o.	.69	W	6	or.
South Cape,	.76	NNE	4	c.	.73	SE	4	omp.	.77	E	3	c.	.88	E	2	c.
Bolinao,	.76	WNW	2	o.	.73	SW	1	o.	.76	SE	2	or.	.82	S	1	c.
Manila,	.76	W	2	c.	.74	SW	2	o.	.82	var.	1	c.	.84	SW	1	c.

VESSELS.

September 22nd.

Bk. F. Skolfield,	26°	34′	126°	26′	29.83	NE	4	c.	Bk. Amy Turner,	20°	12′	133°	28′	29.80	S	4	c.
„ Kitty,	21	51	119	27	.75	var.	1	c.	S.S. Chusan,	19	01	115	53	.80	NE	3	b.

September 23rd.

Bk. Kitty.	21°	57′	120°	22′	29.68	NNE	4	...	Bkt. Bittern,	17°	05′	115°	27′	...	NW/N	3	...
„ Japan,	21	16	114	55	...	E	2	...	S.S. Lightning,	16	40	113	27	29.82	NE	2	...
„ Amy Turner,	20	07	132	05	.82	S	2	...	„ Progress,	15	49	119	11	.73	W/S	5	o.

September 24th.

S.S. Taiyick,	22°	30′	115°	35′	29.74	N	4	c.	S.S. Machew,	19°	48′	112°	32′	29.78	NW	2	op.
Bk. Kitty,	22	16	120	29	.82	ENE	1	pq.	Bkt. Bittern,	18	45	113	01	.70	W/S	6	od.
S.S. Frejr,	22	01	113	46	.71	N	5	...	S.S. Progress,	18	29	117	22	.59	SW/W	9	o.
Bk. Japan,	20	38	115	37	.45	ENE	10	orq.	„ China,	16	00	110	15	.80	N	1	c.
S.S. Lightning,	20	10	113	46	.78	NNW	4	r.	Sh. Sintram,	14	25	114	31	.80	N	2	c.

September 25th.

S.S. Pakshan,	22°	16′	114°	58′	29.66	SSE	7	rq.	S.S. Ethiope,	19°	40′	112°	23′	29.70	NW	4	c.
Bk. Japan,	21	24	115	38	...	SSE	6	...	Bkt. Bittern,	19	37	115	27	.70	S	4	...
S.S. Machew,	21	20	113	27	.13	S/W	11	orq.	S.S. Darmstadt,	19	10	112	15	.64	SW	2	or.
„ Progress,	20	47	115	36	.71	SSE	8	o.	„ China,	19	02	111	48	.75	WSW	3	rq.
„ Lightning,	20	31	114	08	.62	SW	10	rq.	„ Pakling,	18	53	113	59	.79	SW	2	rq.

Between the 21st and 22nd of September a decrease of pressure amounting to about 0.07 inch took place in S Formosa and Luzon. Light breezes from W prevailed at Manila and Bolinao and at South Cape a moderate breeze from NNE. These observations together with those made on board the bark *Amy Turner*, which was situated far to the Eastward in the Pacific, faintly indicate the existence of a depression (XV) to the E of N Luzon. It may have been central in about 18°½, 125°, but this is very uncertain.

On the 23rd a further very slight decrease of pressure amounting to 0.02 or 0.03 inch had occurred at Bolinao, Manila and South Cape (Formosa). The barometer had also fallen to the extent of about 0.05 inch on the S and SE coast of China. At South Cape the wind, which was of the strength of a moderate or fresh breeze only, veered from N at 3 a. to SE at noon, but it backed again at 3 p. to NE and blew from this and an ENE direction for the remainder of the day. The weather was showery. At Bolinao and Manila light airs and breezes prevailed backing from WSW in the morning to SW in the afternoon. The sky was clouded at both stations. The observations are insufficient to give the position of the centre on this day with accuracy, but as an approximation it may be placed in 19°½, 121° at noon. There was no well defined barometric minimum either at South Cape or Bolinao on this day and when it is considered that winds of no more than force 5 prevailed at the former and of force 2 at the latter, although the centre was passing between the two stations at a distance of about 175 miles only, it is evident that the disturbance was either one of slight intensity or that the area comprised by a low barometer and violent winds was a small one at this time.

On the 24th at noon the centre was situated in 19° 45,′ 116° 45′. Assuming the position given for noon of the 23rd to be correct, the disturbance had thus moved towards W, about half a point northerly, at the rate of 10 miles per hour during the interval. At Hongkong the Red Drum was hoisted at 11 a. on the former date as the centre of the depression was believed to be at a distance of just beyond 300 miles to the SE of the Colony, whereas we now see that it was situated to the SE and distant 220 miles only at this hour. The weather forecast was, therefore, made on the assumption that the disturbance was, firstly, one of no great intensity—and, in fact, it was hardly discernible from the observations telegraphed at the time from the stations—and secondly, that it was moving westward and therefore likely to pass at a distance of about 250 miles to the S of the Colony the next morning.

Fisher Island, South Cape and Breaker Point are not telegraphic reporting stations and the Hoihow observations were, as usual, not received. On an examination of the noon observation made at the coast stations on this day, those made at the above stations being also now given, it may be seen how little evidence is furnished of a depression of the intensity of the one which in reality existed. From the sea observations it is found that the disturbance, although small, was a violent one and also that the course which it had taken during the 24 hours ending at noon on the 24th, viz., to west, was changed to NW by W during the evening. For these reasons, as will presently be seen, the weather forecast issued on the morning of the 24th failed, and the failure arose, firstly, from the fact that the depression, as indicated by the observations, was not considered to be of great intensity, and secondly, from the alteration of course which occurred during the latter part of the day.

The changes which had taken place at the coast stations since the previous day were a slight increase of pressure at South Cape and Bolinao and a slight decrease at Hongkong. Winds were light at the two former stations, the weather being showery at Bolinao. At Hongkong, the decrease of pressure amounted to 0.03 inch only during the preceding 24 hours, and at noon the barometer read-

ing was but 0.08 inch below the normal of the month. It was not until after 6 p. (29.68) that a steady but moderate fall commenced, but after 10 p. (29.70) the fall became a rapid one and at midnight the reading was 29.63. Calms and light airs from various directions prevailed during the morning, but after noon the direction became northerly of force 2. A slight thundershower occurred at 3 p. with the wind at E, a moderate breeze, but later it fell light again from a N to NE direction. At 8 p., the centre being then distant 130 miles only to the SE of the Colony, the wind increased to a moderate breeze from NE by N which continued until 10 p. At the latter hour lanterns, indicating bad weather, were hoisted, and at 11 p. the wind had increased to force 7 and the gun was then fired, and notice given of the approaching gale. Lightning was seen in the west at this hour and the sky which had been partially clouded only during the day was now overcast. At Breaker Point, the barometer was practically steady the whole day, but the wind increased to a strong breeze from NE during the evening and the weather became showery.

This typhoon was in marked contrast to the preceding one in respect of the area affected. On September 18th, while the previous typhoon was in the northern part of the China Sea, the isobar of 29.70 was situated at a distance of about 500 miles and fresh gales prevailed at a distance of about 250 miles from the centre in the northern semicircle while in the disturbance now under consideration, although the depression at the centre was probably greater by about 0.25 inch, the isobar of 29.70 was situated at a distance of about 150 miles only and no more than moderate breezes prevailed at a distance of between 150 and 200 miles from the centre. Small typhoons of the latter class are, therefore, especially dangerous as they give so short notice of their approach as indicated either by decreasing pressure or by increasing wind force.

At sea on the 24th the bark *Japan* encountered the centre at 8 p. The first observation of the barometer they entered in the log book was made at noon and, at that time, the vessel being situated at a distance of about 80 miles to the NW of the centre they had a whole gale from ENE with rainsqualls and a high cross sea. The wind backed to NE and blew with typhoon force at 4 p. (29.05) and at 8 p. they had the barometric minimum, 28.55, and the wind fell calm for about half an hour, the sky remaining dark and rain continuing to fall. The wind came again from SE, of force 12, with rising barometer. No further information is given as to the wind, but the barometer reading 28.75 is given for 9 p. and 29.35 for 10 p. which gives the enormous gradient of about 0.9 inch in 15 miles if these observations are correct. The vessel sustained considerable damage aloft, her starboard bulwarks were stove in and the vessel sprang a leak, but next day she was able to proceed back to Hongkong. The S.S. *Progress* was steering for Hongkong and experienced a whole gale from SW during the morning backing to S and SSE and decreasing towards the evening. At 8 p. the barometer had risen to 29.69 with the wind a fresh gale from SSE. At noon this vessel was to the SSE of the centre at a distance of about 80 miles. The S.S. *Lightning* was at a distance of 170 miles to W by N of the centre at noon and steering for Hongkong. At 8 p. the wind increased to a strong breeze from NNW accompanied by high sea and swell, but the barometer which read 29.73 showed little or no fall since noon. At midnight, the barometer having begun to fall quickly, the vessel was very properly turned round and they stood to the SSE. The S.S. *Machew* also steering for Hongkong had the wind increasing suddenly from the N during the evening.

At noon on the 25th the centre was situated in 21° 40,′ 113° 10,′ and it must have entered the coast near St. John's Island about two hours later. The disturbance had maintained its speed of about 10 miles per hour between this and the preceding day, but its course had been changed to NW by W. It passed about 60 miles to the SSW of Hongkong at 9 a. at which hour the barometer, which had fallen rapidly during the early morning, registered the minimum, 29.42. The wind had increased to a strong gale at 4 a. from NE by E and at 6 a., when the gun was fired two rounds indicating that typhoon force of wind might be expected, a whole gale from ENE was blowing, the record of the anemograph showing a velocity at the rate of 67 miles per hour. At 8 a. typhoon force was experienced from ENE which continued until after 10 a. the direction having in the meantime veered to E by S. The highest hourly velocity registered by the anemograph was 86 miles for 9 a. After noon the wind rapidly decreased in force and at 3 p. a moderate gale only from SE was blowing and this continued until midnight when the barometer had risen to 29.75. Heavy rain fell in the squalls throughout the day, the total precipitation for the 24 hours being 5.78 inches. At Gap Rock the barometric minimum, 29.10, was at 10 a. with typhoon force of wind from ESE. At Macao, the barometer fell to 29.24 at 11 a. the strongest wind, a fresh gale from E, being recorded at this time. At 8 p. the barometer had risen to 29.63 and the wind had decreased to a gentle breeze from S. At Hoihow, a strong W breeze prevailed during midday, but it decreased in the evening. The weather was rainy accompanied by thunder and lightning.

The S.S. *Machew* had the centre passing just to the north of her position at 10.30 a. At midnight of the 24th their barometer read 29.67, but it then fell with great rapidity to 29.44 at 4 a. on the 25th, the wind at the same time increasing to a strong or whole gale from NE and N. At 8 a. the barometer read 29.15 and the wind had backed to NNW of force 11 to 12. At 10 a. it was from NW by W and half an hour later the barometric minimum (28.58) was registered. At 11 a. the wind had backed to SW by W and the barometer commenced rising. At 4 p. the wind was from S of force 10, decreasing, and the barometer had risen to 29.46. The S.S. *Hailoong*, on the righthand

semicircle, and approaching Hongkong from the eastward, experienced typhoon force of wind from ENE for a short time near 8 a. and the S.S. *Lightning*, in the lefthand semicircle, had the lowest barometer reading (29.34) at 6 a. with typhoon force from W at 8 a. Several vessels at a distance of about 150 miles to the SSW of the centre had only light and moderate breezes from W and SW, but behind the centre moderate to fresh gales prevailed at a distance of about 150 miles.

On the 26th the Pakhoi observations showed some slight traces of the recent typhoon which had apparently continued to move towards NW by W on the mainland.

September 27th, 10.23 a. "A typhoon is at present situated to the Southeast of Bolinao."

September 27th, 11.8 a. "In Hongkong, moderate to strong NE winds with fair to showery weather during the next 24 hours."

September 28th, 10 a. Red South Cone hoisted.

September 28th, 10.25 a. "The typhoon has entered the China Sea this morning to the South of Bolinao. At present it appears to be moving towards West-North-West."

September 28th, 11.12 a. "In Hongkong, barometer falling with showery weather and strong NE winds probably increasing within the next 24 hours."

September 29th, 6.45 a. Black South Cone hoisted.

September 29th, 10.45 a. Gun fired one round.

September 29th, 10.50 a. "The typhoon, now about 250 miles South-South-East of Hongkong, appears to be moving on a course between West-North-West and North-West. A strong gale from North-East to South-East is expected in Hongkong during the next 24 hours."

September 29th, 6.15 p. Two lanterns hoisted vertically.

September 30th, 10.40 a. Black Ball hoisted.

September 30th, 11.10 a. "The typhoon, now almost SW of Hongkong, appears to be moving towards the coast to the North of Hainan Straits. The barometer has commenced rising here and the gale may be expected to begin to gradually decrease in the course of an hour or two."

October 1st. 11.20 a. "The typhoon appears to have moved into the N part of the Gulf of Tongking. In Hongkong, barometer rising with strong SE winds and very squally and showery weather."

October 1st, 4 p. Black Ball taken down.

The following are the noon observations referring to the typhoon indicated by the preceding information :—

COAST STATIONS.

	September 27th.	September 28th.	September 29th.	September 30th.	October 1st.
Amoy,	29.90 NE 2 o.	29.85 NNE 2 o.	29.79 NNE 2 o.	29.79 NE 1 o.	29.91 NE 2 b.
Hongkong,	.91 E 3 c.	.84 E 2 o.	.72 NE 4 orq.	.65 ESE 9 oq.	.84 SE 5 or.
Pakhoi,	.82 var. 4 c.	.80 var. 3 c.	.74 N 5 c.	.59 N 6 od.	.61 W 2 od.
Haiphong,	.87 S ... cr.	.86 ENE 1 o.	.76 NW 1 c.	.71 NW 5 g.	.69 NW 5 or.
Hoihow,	.89 SE 2 c.	.86 ENE 2 b.	.70 N 3 o.	.28 WNW 11 orq.	.77 S 3 o.
South Cape,	.85 NE 5 c.	.79 ENE 6 mr.	.82 NE 4 om.	.87 NE 3 mr.	.93 E 1 c.
Bolinao,	.67 N 1 od.	.41 SE 7 oq.	.70 SE/S 3 o.	.87 SSE 2 o.	.86 NW 4 or.
Manila,	.65 NW 2 orq.	.62 SSE 2 orq.	.80 S/E 3 o.	.92 SW 2 op.	.88 SW 2 c.
Cape St. James,	... SW 3 c.	... W 5 cq.	... SW 6 c.	... ...	... SW 7 oq.

VESSELS.

September 27th.

Bk. Amy Turner,	21°	24′	121°	48′	29.85	NE	6		S.S. Malacca,	17°	57′	114°	02′	29.88	ENE	3	c.
S.S. Yuensang,	18	19	119	00	.73	NNE	6	c.	Sh. Sintram,	16	14	118	41	.77	N	5	c.

September 28th.

Bk. Amy Turner,	22°	04′	119°	32′	29.81	E	4	...	Sh. Sintram,	16°	26′	117°	24′	29.51	N	9	rq.
S.S. Chingtu,	21	37	114	40	.80	NE	6	o.	S.S. Chelydra,	14	35	112	38	.84	N	3	...
„ Yuensang,	21	03	118	46	.72	NE	8	rq.	„ Glenavon,	11	37	111	04	.79	WNW	5	r.
„ Donar,	19	06	112	07	.82	NE	6	c.	„ Ethiope,	9	00	107	12	.65	W	4	c.

September 29th.

Bk. Amy Turner,	22°	45′	118°	57′	29.80	ENE	4	...	Sh. Sintram,	17°	02′	117°	38′	29.49	S	(9)	? ol.
S.S. Chingtu,	21	33	115	10	.67	NE/E	10	...	S.S. Glenavon,	15	10	112	46	.60	W	8	oq.
„ Framnes,	21	02	113	36	.65	N/E	10	...	„ Palamed,	14	09	112	46	.67	W/N	6	o.
„ Taicheong,	16	10	110	29	.65	WNW	7	oq.	„ Ravenna,	13	24	109	48	.84	W	4	c.
„ Donar,	16	09	110	04	.72	NW	7	oq.	„ Chelydra,	10	58	110	43	.86	WSW	4	c.

September 30th.

S.S. Chingtu,	21° 45′	116° 12′	29.78	SE/E	6	oq.	I.M.C.C. Kaipan,	18° 12′	109° 33′	29.66	W	3	r.
I.M.C.C. Likin,	off Hoihow.		.39	NW/N	11	orq.	S.S. Glenavon,	15 40	114 23	.69	SSW	8	...
S.S. Framnes,	19 30	112 25	.37	SW	9	...	„ Mathilde,	14 17	109 15	.75	SW	5	c.
„ Bellona,	18 41	112 22	.45	SW	9	rq.	„ Ingraban,	11 07	109 49	.84	WSW	6	crq.

October 1st.

S.S. Framnes,	20° 50′	113° 43′	29.85	S	5	p.	I.M.C.C. Kaipan,	18° 12′	109° 33′	29.82	W	2	r.

A rapid decrease of pressure took place at Bolinao and Manila between the 26th and 27th September accompanied by increasing N and NW winds, and it appears that Typhoon XVI was approaching the E Luzon coast from the ESE on the morning of the latter day. At Bolinao the wind increased from N during the evening and blew very hard from NW veering to NE during the early part of the night but decreasing towards the early morning. At 6 a. on the 28th the barometer had fallen to the minimum, 29.35, and shortly afterwards the wind veered to SE but remained light until 10 a. at which hour it had increased to a moderate gale. The centre thus passed a little to the South of Bolinao near 6 a. and at noon it was situated in 16° 00′, 119° 00′. To the WNW of this position at a distance of about 100 miles the sailing vessel *Sintram* experienced a strong N gale. The weather had been dry and sultry during the morning but rain commenced falling about noon. At midnight the barometer had fallen to 29.38 and the wind had decreased and was then light and variable. The lowest recorded reading of the barometer, 29.30, was made at 4 a. on the 29th with the wind at S moderate but freshening and increasing to a gale later on. They used oil to smooth the heavy cross sea which prevailed with good effect. The centre evidently passed near or over the vessel between midnight of the 28th and 4 a. of the 29th, and it appears to have been of considerable area. At noon on the latter date it was probably situated in 17° 45′, 115° 45′. Its average speed since noon of the previous day had been at the rate of nearly 9 miles per hour. The *Sintram* was the only vessel that was moderately near to this position but on reference to the marine data it is seen that very bad weather prevailed over a large area. The steamships *Framnes* and *Chingtu* had whole gales from NNE and NE in the N quadrant at a distance of 230 miles from the centre, and in the SW quadrant moderate to fresh NW to W gales prevailed at a distance of between 250 and 300 miles.

Pressure had decreased considerably at Hoihow and Hongkong with increasing winds from N at the former and from NNE at the latter station. At Hongkong the warning gun was fired at about 11 a. and notice given of the approaching gale. The centre was situated at a distance of 280 miles to the SSE of the Colony at noon and it was at that time moving towards NW by W. The wind increased to a moderate gale from NE by N at 8 p. and to a whole gale from NE by E at midnight, the barometer at the latter hour having fallen to 29.62.

At noon on the 30th the centre was situated in 20° 30′, 111° 30,′ *i. e.*, at a distance of 180 miles to the SW by W of Hongkong and 70 miles to the ENE of Hoihow. Its average rate of progression had increased and it had moved at the rate of about ten and a half miles per hour since noon of the 29th. At Hongkong the barometric minimum, 29.57, occurred near 6 a. with the wind a whole gale from E, gradually veering towards SE. The sky remained overcast but after noon the rain ceased. The wind decreased slowly in force and at midnight, the barometer having risen to 29.79, a moderate SE gale was still blowing. At Hoihow the barometer attained its lowest point, 29.25, at 2 p. and storm force of wind from WNW prevailed between noon and 5 p. The force decreased slowly and the direction did not back to W until late the same night. At 9 p. the barometer had risen to 29.39. The course of the disturbance was evidently inclining more and more towards the North during this day. At Pakhoi increasing N. winds were experienced during the day time with falling barometer. At 11 p., the lowest reading of the barometer, 29.32, was recorded and the wind had backed to NW by N blowing with the force of a strong gale. Later the wind decreased but with what change, if any, of direction is not stated. The disturbance must have entered the coast and passed probably at a distance of 50 miles to the E of Pakhoi during the evening and it was perhaps moving towards NW by N or NNW at this time. Next day, October 1st, there are still some traces of the disturbance to the North of this station.

At sea, on the morning of the 30th, the steamships *Framnes* and *Bellona* both passed from the right to the left front of the disturbance, crossing the path just in front of the centre at 4 a. when the barometric minimum, 29.20, on board the former and, 29.16, on board the latter, was registered. Winds of storm force from N backing to NW and W were experienced during the morning. At 3 a. next day the *Bellona* went ashore on North Reef (Paracels) and became a total wreck, the loss of the vessel being attributed to a strong current which had set her to the Southward.

October 2nd, 10.30 a. "There are some indications of another depression to the E of Luzon."

October 2nd, 11.10 a. "In Hongkong, barometer falling with moderate E winds and showery weather."

October 2nd, 4.45 p. "Typhoon appears to be approaching the Luzon coast to the E of Bolinao."

October 3rd, 10.00 a. Red South Cone hoisted.

October 3rd, 10.30 a. "The centre of the typhoon passed into the China Sea near Bolinao this morning. At present it appears to be moving towards WNW."

October 3rd, 11.15 a. "In Hongkong, barometer falling with fresh NE winds probably increasing within the next 24 hours. Fair weather at first, but becoming unsettled later."

October 4th, 5.45 a. Black South Cone hoisted.

October 4th, 10.30 a. Gun fired one round. "Centre of typhoon about 250 miles to the South-south-east of Hongkong apparently moving towards West-north-west. Strong North-east to South-east gale expected in Hongkong."

October 4th, 6.15 p. Two lanterns hoisted vertically.

October 5th, 8.30 a. Gun fired two rounds. "Typhoon force of wind probable from E to SE."

October 5th, 11.8 a. "Centre of typhoon South-west of Hongkong approaching the coast between Macao and Hoihow."

October 5th, 12.15 p. Black Ball hoisted.

October 6th, 11.00 a. Black North Cone hoisted. "The typhoon is moving northward in the interior of China." In Hongkong, barometer rising with strong SW winds, decreasing, and wet weather.

October 7th, 8.00 a. Black North Cone taken down.

The following noon observations refer to the typhoon indicated in the foregoing information :—

COAST STATIONS.

	October 2nd.				October 3rd.				October 4th.				October 5th.				October 6th.			
Amoy,	29.90	NE	2	c.	29.82	NNE	2	c.	29.85	SE	2	c.	29.85	E	1	r.	29.84	NE	2	r.
Breaker Point,	.90	NE	3	od.	.83	N	2	c.	.78	NE	5	c.	.78	ESE	4	c.	.74	S	5	od.
Canton,	.88	SE	1	c.	.86	...	0	c.	.78	E	1	c.	.66	ENE	6	opq.	.69	NW	1	o.
Hongkong,	.88	E	3	o.	.85	E	2	b.	.72	NE	7	o.	.41	SE/E	11	orq.	.71	SW	4	or.
Pakhoi,	.80	SSE	1	o.	.80	SE	1	c.	.75	NW	2	c.	.74	NNW	5	b.	.78	NNW	5	c.
Hoihow,	.85	SE	3	o.	.80	NE	2	b.	.75	W	4	c.	.73	W	4	b.	.80	W	3	c.
South Cape,	.87	NE	3	c.	.81	ENE	5	c.	.87	NE	1	c.	.89	SW	1	c.	.86	SSE	3	c.
Bolinao,	.77	NW/N	3	c.	.49	S	4	o.	.84	SSE	2	o.	.87	S	2	b.	.85	SW	1	c.
Manila,	.75	NW	2	o.	.76	S/W	4	oq.	.88	SW	2	c.	.90	WSW	2	c.	.86	SW	1	c.

VESSELS.

October 2nd.

Sh. Sintram,	19° 23′	120° 01′	29.84	NE	4	pq.	S.S. Chingtu,	15° 04′	119° 43′	29.81	NNW	4				
S.S. Singkiang,	16 02	119 03	.80	NW/N	4	c.	Sh. Tam O'Shanter,	9 45	135 45	.93	SSW	3	c.			

October 3rd.

Sh. Sintram,	20° 21′	119° 58′	29.76	ENE	8		S.S. Siam,	17° 44′	113° 21′	29.83	NNE	4	c.			
S.S. Sungkiang,	19 10	117 00	.62	NNE	6	c.	„ Glamorganshire,	15 08	112 39	...	NW	2	c.			
„ Rheingold,	18 46	116 40	.53?	NNE	8	orq.	„ Chingtu,	11 05	121 56	.84	SW	6	orq.			

October 4th.

S.S. Cassius,	21° 50′	114° 02′	29.80?	NE/E	10	...	S.S. Rheingold,	19° 56′	115° 51′	29.38	SE	12	orq.			
„ Sungkiang,	21 35	114 13	.62	NE/E	8	c.	„ Glamorganshire,	19 10	113 40	...	W/N	10	o.			
„ Frejr,	20 27	111 15	.64	N/W	6	...	„ Sishan,	17 26	111 24	.76	WSW	4	...			
„ Siam,	20 22	113 44	.56	N/E	10	orq.	„ Kutsang,	15 45	113 20	.79	WSW	4	o.			
Sh. Sintram,	20 49	119 49	.89	SE	2	...	„ Taichiow,	10 26	108 13	.86	SW	4	q.			

October 5th.

S.S. Wuotan,	21° 57′	114° 54′	...	SE	10	rq.	S.S. Siam,	19° 43′	114° 20′	29.66	SSW	8	orq.			
Sh. Barcore,	21 25	113 45	...	SE	12	orq.	„ Strathdee,	19 05	111 50	.69	SW	6	...			
S.S. Frejr,	21 18	112 41	29.39	W/S	11	orq.	„ Rosetta,	17 43	113 46	.83	SSW	5	o.			
„ Mathilde,	20 27	111 16	.69	W	5	c.	„ Propontis,	15 58	110 36	.84	S	3	c.			
„ Rheingold,	20 28	114 48	.54	SSE	10	opq.										
„ Kutsang,	20 00	113 40	.72	SSW	6	orq.	„ Ulysses,	13 05	111 53	.89	SW	2	...			

October 6th.

S.S. Haitan,	22° 33′	114° 57′	29.67	SW/S	4	or.	S.S. Shantung,	21° 06′	113° 44′	29.73	SW	6	...			
„ Siam,	21 39	113 26	.70	SW	5	r.	„ Strathdee,	20 10	110 40	.76	W	4	c.			

On the 1st October pressure commenced to give way again in Luzon and on the 2nd typhoon XVII was evidently approaching the island, in about 15½° latitude, from the ESE. At Bolinao they had a strong NW breeze at 6 p. with the barometer falling fast. During the night a furious gale from NW accompanied by rain prevailed at this station and at 6 a. on the 3rd the barometer had fallen to 29.16 with a gale from NE. At 8 a. the mercury rose to 29.25 and the wind veered to SE of force 6 and at 10 a. to S. of force 7 with the barometer reading 29.45 at the latter hour. The centre therefore appears to have passed almost over or at a very short distance to the South of the telegraph

station at 7 a. and to have then entered the China Sea. At noon it was situated in 16° 45′, 118° 45.′ There was no vessel near this position, but the S.S. *Rheingold* had an increasing NNE gale at noon at a distance of about 175 miles to the NW of the centre.

The barometer was falling on the S and SE coasts of China, but at present the weather was fine and the winds light.

On the 4th at noon the centre was situated in 19° 30′, 115° 00′ and the disturbance had thus moved towards NW about half a point westerly at the rate of rather over 11 miles per hour, so that when the gun was fired at Hongkong and notice given of the approaching gale the centre was situated at a distance of 190 miles to the SSE of the Colony.

Pressure had increased in Luzon and in Formosa, but had decreased at Hoihow and Hongkong particularly at the latter station where it continued to fall at the rate of about 0.01 inch per hour during the latter part of the day with the wind gradually increasing. At midnight a strong gale from E was blowing accompanied by rain and the barometer had fallen to 29.63.

At sea the S.S. *Rheingold* about 50 miles to ENE of the centre had typhoon force of wind from SE decreasing during the evening. The S.S. *Siam* had a whole NNE gale at a distance of 90 miles to the NW or in front of the centre. They ran to the SW and had the wind of storm and typhoon force, backing to NNW at 4 p. with the barometer at its lowest point, 29.39. Later the barometer rose and the wind gradually backed to W decreasing slowly. They noted lightning in the W during the evening. To the WSW of the centre at a distance of about 80 miles the S.S. *Glamorganshire* had a whole WNW gale backing to W. A heavy cross sea prevailed and her decks were constantly filled with water, but during the evening they made use of oil on both sides of the vessel which had a good effect in smoothing the sea.

At noon on the 5th the centre was situated in 21° 45,′ 113° 35′ or about 20 miles to the west of Gap Rock, and between 2 p. and 5 p. it was passing over or perhaps a little to the east of Macao at the slow rate of about 6 miles per hour only. At 9 p. it was situated between Hongkong and Canton at a distance of 30 miles to the NW of the former and 40 miles to the SE of the latter. Since early morning its course had been more and more towards a northerly direction and during the evening it had gained a NNE course. It was thus recurving on this day to the west of Hongkong, and as a consequence of the recurvature and the fact that the disturbance moved slowly during this act, the Colony, being in the righthand semicircle, experienced a strong gale, veering from NE to SW, for no less than 30 hours, viz., from 9 p. on the 4th until 2 a. on the 6th, the wind rising to typhoon force for a few hours on the 5th. The barometric minimum (29.20) occurred about 5 p. on the latter day with the wind, from SE by S, of full typhoon force. Unfortunately the velocity apparatus of the Observatory anemograph was broken by the wind, probably at 4.30 p., and the exact record of velocity was therefore lost but from estimations the wind was considered to be at its worst between 4.30 p. and 6 p., the squalls during this time being very severe. It is, however, doubtful whether the maximum hourly velocity as yet registered by the instrument, viz., 89 miles per hour, during the typhoon of September 10th to 11th, 1884, was exceeded although some few of the squalls on the present occasion were undoubtedly of very great violence. Some damage to property resulted, several houses being unroofed and a few partially demolished, but it does not appear that any very considerable damage to structures of a substantial character took place. The telegraphic lines suffered severely and many fine trees were uprooted, but for the latter the heavy rain (10.19 inches in the 24 hours) which fell in torrents the whole day was, perhaps, to some extent, responsible. Several launches and junks which had sheltered in Yaumati Bay during the morning, the wind being then from E and SE, drove ashore during the evening when the wind got round to SW, but otherwise no damage occurred in the harbour although two or three sailing vessels dragged anchors.

The following are some of the most important observations made at Hongkong and the neighbouring stations on October 5th :—

Hour.	Hongkong.			Macao.			Gap Rock.			Canton.		
4 a.	29.56	E	10 orq.	29.53	ENE	5 opq.	29.38	ENE	10	...	...	...
7 „	.53	E S	11 „	.48	E/N	6 orq.	.22	E	11	...	...	...
9 „	.52	ESE	12 „	.43	„	6 „	...	...	...	29.68	NE	7 orq.
10 „	.49	E/S	11 „	.38	„	7 „	.05	ENE	12	...	...	...
11 „	.46	ESE	11 „	.30	„	5 „	...	...	...	...	...	...
Noon.	.41	SE/E	11 „	.17	„	8 „	...	...	...	...	...	...
1 p.	.33	SE/E	12 „	.06	E	7 „	.01	SE	12	...	...	...
2 „	.31	SE	10 „	28.92	„	5 od.	...	...	...	...	...	...
3 „	.27	SE/S	11 „	.96	ENE	1 „	...	...	...	.64	E	6 opq.
4 „	.25	SSE	12 „	.96	NNW	1 o.	.14	SSW	12	...	...	...
5 „	.20	SE/S	12 „	.97	WNW	5 odq.	...	...	...	...	...	...
6 „	.21	SSE	12 „	29.00	„	5 orq.	...	...	...	...	...	...
7 „	.25	S/E	10 „	.09	„	2 „	.37	SSW	12	...	...	...
9 „	.35	S/W	9 „	.36	W	7 „	...	...	...	.46	NNE	10 or.
10 „	.42	SSW	9 „	.44	WSW	6 „	.46	SW	11	...	...	...
Midt.	.50	SSW	10 „	.52	„	6 „	...	...	...	...	...	...

The sailing vessel *Barcore* was situated at noon on the 5th a few miles to the SSW of Gap Rock, and the centre must have passed almost over the vessel between 9 a. and noon during which interval the wind lulled and her decks were crowded with butterflies and land birds. The vessel was very much damaged and was saved with difficulty. The barometer is stated to have been rising at noon, but no readings were entered in the log book.

On the 6th the disturbance was filling up between Canton and Swatow. Pressure had increased very considerably over N. China between the 4th and 6th and it appears that the depression was unable to make any progress in a northerly direction in consequence, and that its course was directed more and more to the eastward and towards the neighbourhood of Swatow on the 6th. It appears to have completely broken up during the evening of this day, the moderate S winds which had prevailed in the neighbourhood of Swatow during the day with steady barometer giving place to NE winds which set in there with great force during the evening accompanied by rising barometer.

November 17th, 10.30 a. "A typhoon is at present situated to the ENE of Bolinao. Northerly gales are indicated over the NE part of the China Sea."

November 17th, 11.10 a. "Barometer falling. Fresh to strong N winds with fine weather."

November 18th, 10.30 a. Red Drum hoisted.

November 18th, 10.50 a. "The typhoon appears to have moved towards WNW since yesterday and to be now situated off the W coast of N Luzon."

November 18th, 11.30 a. "Barometer falling. Fresh to strong N winds. Fair weather at first, probably becoming unsettled later."

November 19th, 12.15 p. "The typhoon appears to be situated to the W of the Bashee Channel and it is probably recurving to the NE. Barometer steady with fresh N to NW winds and fair weather."

November 19th, 4.20 p. Red Drum taken down.

The following are the noon observations referring to the above typhoon:—

COAST STATIONS.

	November 16th.	17th.	18th.	19th.	20th.
Amoy,	30.13 N 2 b.	30.06 NNE 3 b.	29.99 NNE 2 o.	29.88 SSW 1 o.	29.96 ENE 2 c.
Fisher Island,	.02 NNE 9 om.	29.92 NNE 10 cm.	.89 NNE 7 om.	.89 NNE 4 cm.	.90 ENE 4 od.
Breaker Point,	.15 N 2 b.	30.09 NE 3 c.	30.01 NNE 3 c.	.86 N 2 c.	.85 NE 7 od.
Hongkong,	.16 ENE 1 b.	.10 NE 1 b.	.00 W 1 o.	.91 NNW 1 o.	.92 W 2 o.
Hoihow,	.20 ENE 3 b.	.11 NE 3 b.	.04 NE 2 b.	.96 W 1 b.	.97 W 1 b.
South Cape,	29.99 NNE 8 cm.	29.91 NNE 10 om.	29.91 NNE 6 om.	.90 E 4 om.	30.00 NE 2 c.
Bolinao,	.89 N 4 o.	.73 NW 6 or.	.75 SW 2 o.	.87 SSW 2 c.	29.93 SW 1 b.
Manila,	.84 WNW 1 c.	.76 SW 3 c.	.88 S 3 o.	.92 SW 2 c.	.96 WSW 1 b.

VESSELS.

November 13th.

Sh. Atlantic,	16° 39′	132° 18′	29.86	N/W	7	o.
„ Berlin,	17 00	135 26	...	N	9	gq.
„ Wandering Jew,	11 57	136 29	...	W/N	8	q.

November 14th.

Sh. Berlin,	16° 51′	134° 48′	...	NE	12	...
„ Atlantic,	16 25	131 28	29.81	NNE	8	...
„ Wandering Jew,	12 20	136 23	...	SW	5	...

November 15th.

Sh. Berlin,	18° 05′	133° 43′	...	ESE	6	c.
„ Atlantic,	16 04	131 34	29.21	NW	11	lrq.
„ Wandering Jew,	14 06	135 11	...	SE	2	...

November 16th.

Sh. Berlin,	21° 52′	131° 07′	...	ENE	4	...
„ Atlantic,	16 27	131 23	29.81	SSE	4	crq.
„ Wandering Jew,	14 56	134 18	...	SE/S	2	...

November 17th.

Sh. Berlin,	24° 14′	129° 15′	...	NE	6	rq.
S.S. Glenavon,	22 29	115 40	30.10	N	5	...
Bk. Bylgia,	21 44	120 26	...	NE	9	o.
S.S. Memnon,	20 17	116 53	30.05	NE	7	c.
Sh. Atlantic,	17° 10′	130° 31′	29.91	S	2	c.
„ Wandering Jew,	15 56	133 25	...	SE/S	2	...
S.S. Esmeralda,	15 56	119 4	.80	NNW	8	orq.
Sh. Sierra Miranda,	5 16	126 35	.90	W	2	...

November 18th.

Sh. Berlin,	25° 35′	128° 10′	...	E	6	or.
S.S. Activ,	22 04	113 57	30.00	N	3	c.
Bk. Bylgia,	21 53	119 42	...	NE	6	o.
S.S. Continental,	21 01	118 36	29.82	NE/N	9	...
Sh. Atlantic,	17° 39′	129° 31′	29.99	ESE	2	grq.
S.S. Esmeralda,	17 14	117 58	.54	WNW	9	orq.
Sh. Wandering Jew,	17 05	131 31	...	SE/E	4	...
„ Sierra Miranda,	6 04	128 28	.91	W	2	...

November 19th.

S.S. Chusan,	22°	37′	115°	34′	29.95	NNE	3	om.	S.S. Continental,	20°	05′	119°	04′	29.53	S	11	or.
Bk. Bylgia,	22	06	119	6	...	NNE	9	or.	„ Esmeralda,	17	58	117	22	.73	W	7	o.
S.S. Mathilde,	22	06	113	55	.92	NNW	4	c.	„ Kong Beng,	17	46	110	57	30.06	NNW	3	...

November 20th.

S.S. Sungkiang,	24°	52′	119°	23′	30.08	NNE	5	c.	S.S. Glenavon,	21°	20′	113°	50′	29.95	W	2	...
„ Chusan,	24	30	118	36	.00	NE/E	4	om.	„ Esmeralda,	20	55	115	16	.90	NW/N	5	o.
Bk. Bylgia,	21	41	118	32	29.75?	SE	10	or.	„ Kong Beng,	20	47	112	36	30.05	N	2	...
S.S. Activ,	21	36	113	22	.95	WNW	3	c.	„ Continental,	17	49	119	15	29.94	SSW	4	...

From the weather experienced on board the sailing vessels *Berlin*, *Atlantic*, and *Wandering Jew* between the 13th and 16th the approximate track of typhoon XVIII during this period has been determined. The centre passed to the north of the *Wandering Jew* between noon of the 13th and noon of the 14th, a gale from WNW gradually backing to SW and decreasing being experienced by this vessel during this interval. On the afternoon of the 14th it passed probably at a distance of about 50 miles to the south of the *Berlin*. The vessel was under bare poles and they experienced winds of typhoon force from NNE in the morning veering to E and decreasing in the afternoon. On the 15th at noon the centre was close to the *Atlantic*. They experienced a typhoon from N in the morning backing to W in the afternoon. In the evening the wind backed still further, to SW and S, and moderated.

On the 16th the centre was situated between the ship *Atlantic* and the E coast of Luzon and pressure had begun to give way at Bolinao and Manila with increasing winds from N at Bolinao. On the morning of the 17th the disturbance was approaching the E Luzon coast probably in about 17° latitude. The barometer fell fast at Bolinao during the day with a strong NW breeze and rain, and at Manila a fresh breeze from WSW prevailed in the afternoon. The barometer was rising at Bolinao early next morning, the 18th, and the wind had backed to SW of the strength of a light breeze. The centre was probably situated in 18° 15,′ 119° 30′ at noon on this day and about 100 miles to the NE of the S.S. *Esmeralda*. This vessel experienced a strong gale from NW in the morning backing to SW in the evening. The lowest barometer reading (29.54) was recorded at 10 a. The disturbance which had moved on a W by N course while in the Pacific appears now to have been moving towards NW. The S.S. *Continental* at a distance of about 200 miles to the N by W of the centre at noon experienced a whole gale from NE veering to ENE during the evening with falling barometer. The centre passed a little to the west of this vessel at 10 a. next morning, the 19th, when they had a typhoon force of wind from SSE with the lowest reading of the barometer, 29.49. At 4 p. the wind had veered to SSW of force 8 and the barometer had risen to 29.66. At noon the centre was situated in 20° 30,′ 118° 15′, and it had thus moved to the NNW since noon of the 18th at the rate of 6 miles per hour. Its speed had decreased very much and it appears to have already commenced to fill up. The bark *Bylgia*, which had been trying to round the South Cape of Formosa for several days, experienced typhoon force from E veering to ESE during the afternoon with the lowest barometer (29.62) at 2.30 p. The vessel became leaky and sustained considerable damage. The disturbance was at this time moving towards the SE Coast of China, but the barometer ceased falling there during the evening and next morning it was rising at the stations on this part of the coast. Although the disturbance had filled to a great extent it yet remained a cyclonic depression at noon on the 20th when the centre was situated in 21° 30,′ 117° 45,′ and it had thus only progressed about 60 miles to the NNW during the preceding 24 hours. The *Bylgia* still had a whole SE gale at a distance of about 50 miles to ENE of this position, but the barometer had risen much since the previous day. During the evening the wind backed to E and decreased with quickly rising barometer. It appears that the depression had now completely filled up and all traces of the disturbance had disappeared the next day.

December.

A small typhoon (XIX) was encountered on December 25th by the S.S. *Chelydra* off the Cochin China Coast while on a voyage from Singapore to Hongkong.

The following are the noon observations made at the Coast Stations:—

	December 24th.				25th.				26th.			
Hongkong,	30.09	S	1	b.	30.08	ENE	5	o.	30.05	ENE	5	o.
Hoihow,	.14	NE	1	b.	.03	ENE	2	c.	29.94	NE	2	odf.
Bolinao,	29.87	ESE	1	b.	29.88	NE	2	b.	.89	NE	1	b.
Manila,	.88	E	1	c.	.88	WSW	2	c.	.90	W	1	c.
Cape St. James,	...	E	2	c.	...	...	...	...	...	N	5	o.

LOGS OF THE STEAMSHIPS *NATAL* AND *CHELYDRA*.

S.S. *Natal*.

Dec. 24, Noon	11°08′	108°43′	29.97	NNE	1 b
4 p.	11 43	109 12	.86	NE	5 o
8	12 26	109 28	.93	NE	5 „
Midt.	13 05	109 40	.92	NNW	5 „
25, 4 a.	13 39	109 55	.87	NW	3 „
8	14 00	109 59	.95	NNW	3 pq
Noon	15 00	110 16	.95	NNW	5 „
4 p.	16 15	110 25	.88	N	5
8	16 28	110 35	.95	N	5 or
Midt.	17 10	110 47	.95	NNW	2 „
26, 4 a.	17 45	110 58	.95	N	3 „
8	18 28	111 21	30.01	NE	4 „
Noon	18 57	111 48	.01	NE	3 „
4 p.	19 32	112 18	29.97	NNE	3 „
8	20 12	112 56	30.03	NE	4 „
Midt.	20 52	113 29	.05	NE	2 o

S.S. *Chelydra*.

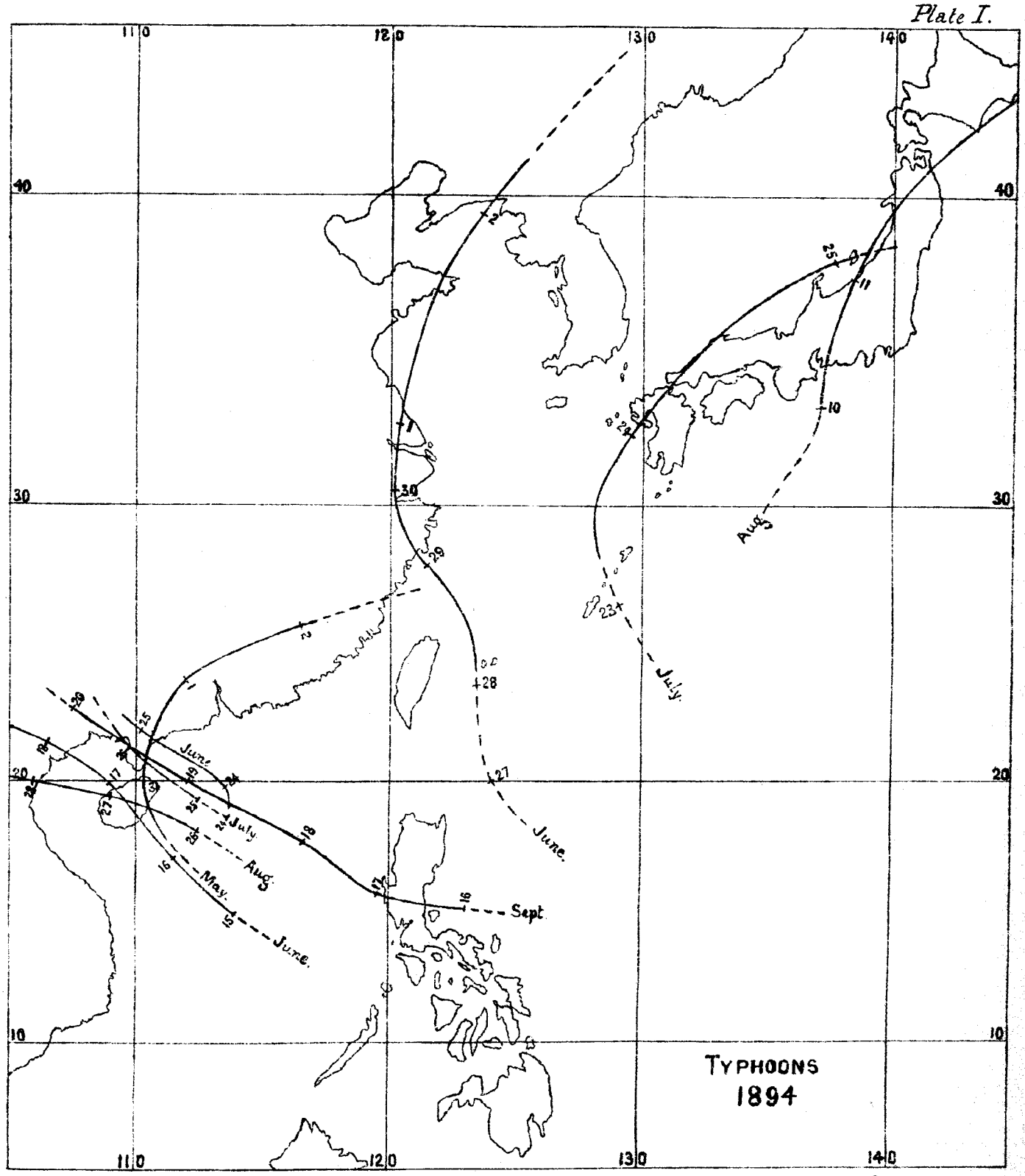
Dec. 23, Noon	7°36′	108°38′	29.93	NNE	6 oq
24, Noon			.88	N/E	7 „
4 p.			.77	„	9 od
8			.80	„	9 „
Midt.			.79	„	10 „
25, 4 a.			.69	N	10 oq
8			.65	WNW	11 „
Noon	10 25	110 40	.57	NW	11 „
4 p.			.45	NW/W	12 „
8			.51	W	11 „
Midt.			.49	„	11 „
26, 4 a.			.51	WSW	11 „
8			.74	S/W	6 oqd
Noon	12 57	111 27	.82	SE/S	5 pq
4 p.			.81	„	5 cp
8			.91	ESE	4 c
Midt.			.94	„	4 c

25th, from 8.30 a. to 4 p., vessel hove to.

This typhoon was preceded by anticyclonic conditions over China where, however, pressure gave way rapidly between the 22nd and 24th. Between the 23rd and 24th pressure decreased quickly in Luzon and Cochin China also, and the disturbance probably had its origin to the West of Palawan in about 9° to 10° Lat. at this time. The French Mail steamer *Natal*, on board of which vessel was the Director of the Hongkong Observatory, had left Saigon bound for Hongkong at midnight of the 23rd. On the afternoon of the 24th the barometer fell somewhat, the sky became overcast, the wind freshened from the NE and a heavy swell from NE was encountered. The S.S. *Chelydra*, position at noon is not stated, also had the wind increasing from N by E on the morning of this day. At the same time the barometer commenced to fall and the weather became wet and squally. On the 25th the accompanying log of the S.S. *Chelydra* clearly shows that the disturbance was passing from the E to the N of the vessel, the centre probably being situated in about 11°, 112° at noon apparently moving towards NW or WNW. The vessel was hove to from 8.30 a. to 4 p. after which hour her course was apparently resumed, but it was not until next morning, the 26th, that the barometer rose decidedly and the wind backed to the southward and decreased.

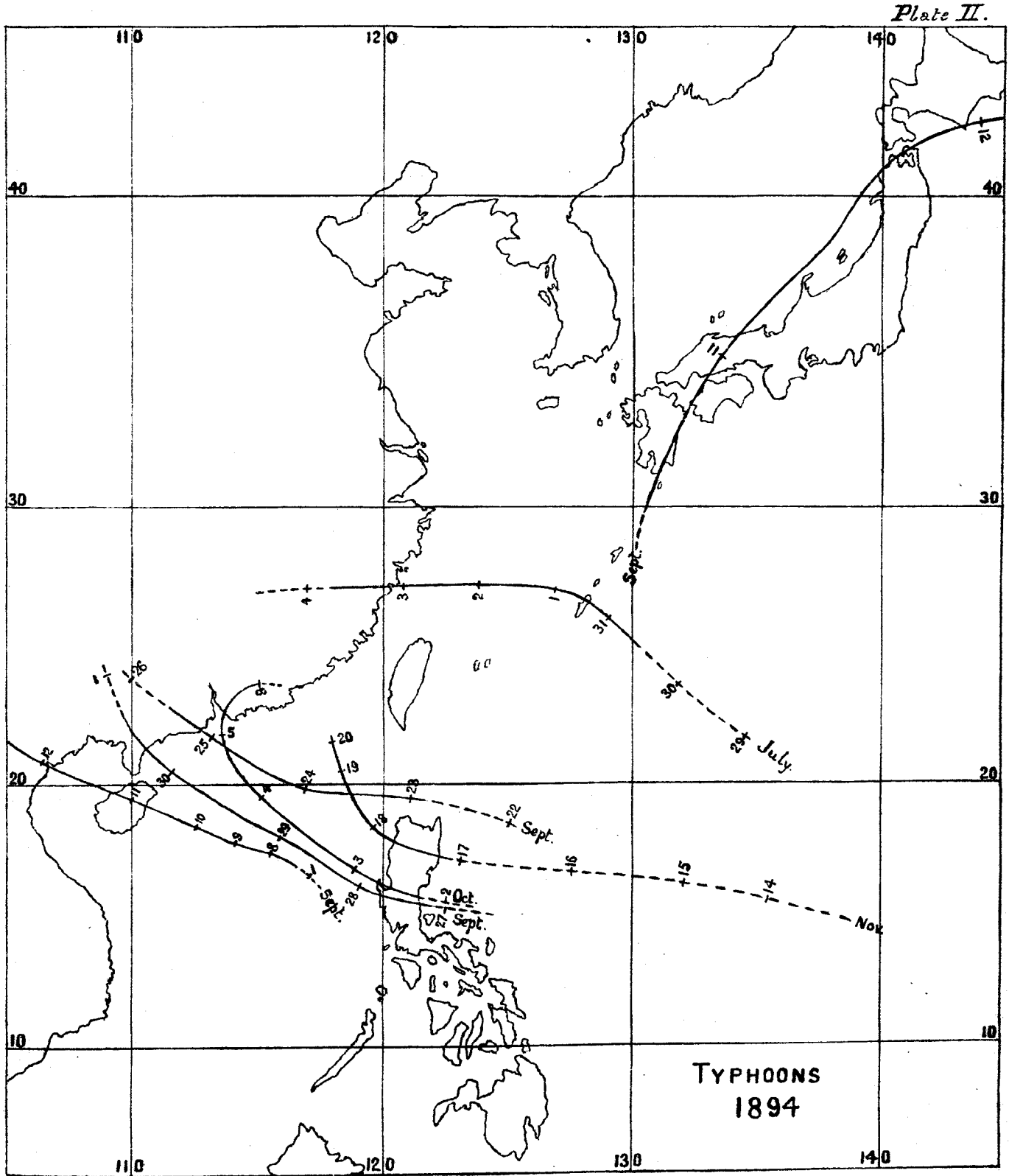
The centre would appear to have entered the Annam Coast near noon on the 26th in about 12°½ latitude. At Cape St. James, the wind backed to NW in the afternoon, but complete observations from this station are not available.

Plate I.



HONG KONG OBSERVATORY.

Plate II.



TYPHOONS
1894

HONG KONG OBSERVATORY.

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JANUARY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Jan. 1,...	30.036	30.024	30.015	30.005	30.002	30.007	30.034	30.048	30.058	30.055	30.047	30.015	29.973	29.950	29.928	29.928	29.932	29.941	29.949	29.962	29.967	29.971	29.967	29.963	29.991
„ 2,...	29.959	29.950	29.948	29.950	29.950	29.960	29.970	29.980	29.997	29.994	29.989	29.960	.920	.893	.881	.885	.904	.934	.944	.960	.982	.989	.997	.984	.953
„ 3,...	.984	.952	.940	.952	.958	.963	.984	30.000	30.011	30.042	30.036	30.009	.982	.950	.926	.922	.937	.953	.964	.965	.975	.980	.986	.984	.973
„ 4,...	.980	.963	.946	.940	.951	.967	.987	29.997	.007	.004	.004	29.964	.938	.921	.901	.892	.913	.919	.932	.950	.951	.957	.958	.950	.954
„ 5,...	.946	.936	.933	.918	.920	.936	.955	.975	29.993	.010	29.987	.958	.917	.885	.873	.866	.878	.888	.903	.918	.928	.913	.927	.930	.929
„ 6,...	.928	.928	.924	.925	.915	.948	.969	.993	30.007	.008	.997	.974	.944	.936	.930	.951	.958	.958	.995	30.007	30.036	30.058	30.061	30.054	.975
„ 7,...	30.055	30.058	30.038	30.032	30.031	30.051	30.080	30.112	.130	.136	30.124	30.110	30.078	30.057	30.045	30.052	30.063	30.085	30.095	.113	.125	.131	.133	.136	30.086
„ 8,...	.145	.141	.136	.142	.136	.148	.163	.188	.209	.213	.203	.172	.140	.117	.108	.115	.129	.140	.157	.164	.168	.168	.174	.184	.157
„ 9,...	.184	.191	.185	.186	.182	.201	.213	.231	.246	.246	.228	.196	.157	.129	.124	.119	.132	.137	.150	.163	.177	.183	.188	.187	.181
„ 10,...	.181	.174	.161	.153	.158	.171	.180	.194	.195	.203	.179	.149	.112	.086	.079	.085	.099	.103	.119	.139	.157	.156	.149	.133	.146
„ 11,...	.125	.100	.078	.066	.071	.075	.097	.113	.125	.127	.123	.095	.060	.036	.024	.028	.041	.058	.070	.074	.088	.088	.083	.080	.080
„ 12,...	.074	.065	.061	.059	.063	.082	.096	.105	.109	.107	.096	.071	.043	.025	.020	.022	.030	.024	.028	.038	.044	.038	.035	.035	.057
„ 13,...	.033	.023	.015	.017	.025	.034	.053	.080	.102	.110	.104	.078	.047	.022	.018	.024	.030	.034	.042	.055	.065	.066	.055	.049	.049
„ 14,...	.039	.027	.022	.027	.041	.051	.059	.075	.094	.094	.078	.046	.020	29.982	29.975	29.987	29.999	.010	.025	.049	.055	.045	.034	.024	.036
„ 15,...	.005	29.996	29.991	29.993	.002	.009	.019	.030	.039	.035	.020	29.988	29.964	.943	.928	.919	.931	29.948	29.962	29.970	29.975	29.986	29.979	29.962	29.983
„ 16,...	29.959	.938	.923	.914	29.914	29.918	29.944	29.956	29.977	29.978	29.975	.952	.904	.884	.876	.875	.885	.895	.905	.919	.925	.933	.931	.910	.925
„ 17,...	.904	.887	.878	.875	.873	.886	.885	.901	.919	.923	.921	.896	.862	.848	.833	.840	.854	.866	.880	.891	.902	.905	.904	.902	.885
„ 18,...	.902	.887	.867	.871	.888	.899	.923	.940	.964	.977	.970	.942	.913	.899	.891	.896	.904	.916	.940	.955	.963	.968	.967	.966	.925
„ 19,...	.974	.965	.958	.947	.955	.962	.975	30.015	30.032	30.047	30.038	30.015	.989	.968	.967	.965	.976	.985	.994	30.011	30.022	30.025	30.016	30.008	.992
„ 20,...	30.000	.992	.994	.995	.998	30.014	30.027	.054	.079	.088	.079	.051	30.024	.998	.982	.986	.990	.990	.999	.016	.020	.024	.028	.030	30.019
„ 21,...	.028	30.008	30.002	.993	.994	.012	.012	.030	.052	.064	.047	.010	29.974	.953	.945	.945	.954	.954	.962	29.992	29.994	29.994	29.993	29.988	29.996
„ 22,...	29.988	29.990	29.985	.966	.957	29.962	29.960	29.987	29.995	.000	29.986	29.968	.933	.913	.904	.894	.906	.912	.915	.924	.933	.932	.941	.933	.949
„ 23,...	.934	.928	.911	.894	.891	.893	.910	.921	.936	29.935	.926	.884	.850	.830	.802	.782	.793	.794	.797	.811	.813	.816	.812	.813	.861
„ 24,...	.802	.793	.783	.784	.789	.794	.810	.819	.834	.845	.831	.805	.763	.730	.726	.718	.738	.739	.742	.760	.768	.770	.770	.779	.779
„ 25,...	.776	.776	.769	.778	.785	.803	.822	.834	.860	.860	.843	.818	.782	.772	.776	.790	.807	.822	.835	.858	.876	.879	.872	.866	.819
„ 26,...	.872	.865	.902	.903	.907	.920	.938	.958	.987	.994	.980	.950	.912	.897	.902	.911	.932	.935	.948	.964	.978	.988	.982	.977	.938
„ 27,...	.979	.972	.943	.919	.915	.928	.939	.977	.980	.992	.983	.962	.938	.934	.918	.931	.945	.967	.994	30.005	30.026	30.037	30.030	30.032	.969
„ 28,...	30.032	30.018	30.018	30.034	30.034	30.033	30.041	30.034	30.041	30.063	30.037	30.019	.989	.977	.962	.966	.980	30.003	30.013	.030	.033	.048	.054	.036	30.021
„ 29,...	.037	.020	29.984	29.990	.002	.027	.035	.040	.044	.056	.040	.021	.987	.956	.942	.952	.976	29.984	29.999	.025	.034	.034	.045	.045	.011
„ 30,...	.026	.003	30.010	30.012	.020	.031	.053	.062	.095	.108	.084	.069	30.049	30.035	30.030	30.033	30.058	30.078	30.094	.110	.128	.160	.164	.161	.070
„ 31,...	.160	.156	.157	.158	.160	.164	.179	.201	.225	.238	.234	.203	.164	.145	.134	.144	.158	.168	.183	.212	.221	.230	.219	.215	.185
Means,.....	30.002	29.991	29.983	29.981	29.983	29.995	30.010	30.027	30.013	30.050	30.038	30.011	29.978	29.957	29.947	29.949	29.962	29.972	29.985	30.000	30.011	30.015	30.015	30.010	29.997

TABLE II.

TEMPERATURE FOR THE MONTH OF JANUARY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Jan. 1,	62.0	61.6	62.0	62.4	62.0	62.3	62.9	63.9	65.9	68.1	69.4	69.5	72.3	70.8	71.0	66.2	65.2	63.9	63.7	63.6	63.4	63.7	64.5	63.8	65.2	73.8	61.3
„ 2,	63.6	63.3	63.1	63.3	63.3	63.2	63.1	64.0	64.9	66.3	68.1	68.8	68.5	68.4	67.0	66.8	64.1	63.8	63.7	63.4	62.7	63.6	63.8	62.4	64.7	69.4	62.3
„ 3,	62.1	61.4	61.0	60.8	60.8	60.7	61.0	61.1	61.3	61.0	62.7	63.5	62.3	63.1	62.7	62.2	61.3	61.5	61.6	62.0	62.2	62.1	61.6	61.3	61.7	64.0	60.7
„ 4,	60.8	60.7	60.3	60.0	59.7	59.6	59.4	59.6	59.8	61.7	62.5	62.7	63.3	63.5	62.2	61.6	60.3	60.0	60.2	60.2	60.3	60.3	60.3	60.4	60.8	64.0	59.2
„ 5,	60.4	60.3	60.1	59.7	59.8	59.6	59.6	59.6	60.3	62.5	64.5	63.1	63.2	64.7	63.3	64.0	62.0	61.4	61.7	61.9	62.2	61.1	60.7	59.6	61.5	65.0	59.3
„ 6,	58.9	57.6	57.3	55.8	55.3	54.9	55.0	56.6	58.0	58.9	63.0	59.5	60.1	60.9	60.5	60.1	58.2	55.9	54.6	53.2	51.4	50.7	50.2	50.0	56.5	63.6	49.6
„ 7,	49.9	49.8	49.8	49.8	49.0	48.2	47.9	48.7	50.4	52.3	52.9	54.1	55.1	55.8	55.8	56.2	55.2	54.7	53.9	52.8	53.0	52.0	51.0	50.6	52.0	56.9	47.9
„ 8,	49.8	48.6	48.2	48.2	48.1	47.5	47.9	50.0	53.1	54.2	54.8	56.1	56.2	57.4	57.1	56.9	55.9	54.6	54.1	52.5	52.6	53.0	53.0	51.8	52.6	58.7	47.5
„ 9,	50.5	51.1	50.0	50.2	49.3	49.2	50.9	52.0	56.7	56.2	59.6	57.6	59.7	58.9	57.9	57.8	55.5	55.0	54.9	54.4	53.9	53.2	52.7	52.5	54.2	59.7	48.6
„ 10,	53.1	52.5	53.0	53.4	53.3	52.7	52.2	55.2	57.8	60.4	60.8	60.8	61.4	61.0	60.7	61.8	59.3	58.3	57.7	57.3	56.2	57.1	55.6	56.8	57.0	62.4	52.1
„ 11,	56.8	57.6	56.8	56.2	56.2	56.4	56.2	58.6	60.6	61.2	62.5	61.9	61.7	61.9	61.3	61.1	60.0	59.5	58.6	58.7	58.9	58.8	58.9	59.5	59.2	63.4	55.7
„ 12,	59.3	59.9	59.6	59.8	60.1	60.4	60.1	61.3	62.9	64.1	64.1	65.3	65.8	64.2	64.0	63.1	60.3	61.2	61.3	60.3	60.9	60.9	61.3	61.0	61.7	66.3	58.8
„ 13,	61.2	61.4	62.1	62.2	63.3	63.6	63.4	63.8	64.0	64.1	64.1	65.9	67.4	67.9	68.1	66.0	65.9	65.1	65.1	65.1	65.0	64.0	63.7	62.8	64.4	68.1	60.7
„ 14,	62.5	62.2	61.8	62.0	61.7	62.0	63.8	63.7	63.1	63.4	63.2	63.6	63.7	63.7	63.6	62.8	61.9	61.0	60.6	61.1	61.0	60.6	60.8	60.4	62.3	64.7	60.2
„ 15,	60.3	60.0	60.2	60.1	59.6	59.2	59.4	60.0	60.8	62.4	62.7	64.3	63.4	61.7	62.8	62.5	62.1	62.5	63.5	63.6	63.7	64.6	64.0	64.2	62.0	64.6	59.0
„ 16,	64.3	64.0	64.5	64.8	65.1	64.8	64.9	65.1	65.8	65.0	64.4	62.9	64.1	64.4	64.2	64.2	64.1	63.6	63.0	64.4	64.4	63.7	63.2	63.4	64.3	65.9	62.7
„ 17,	63.3	63.4	63.3	63.0	62.5	63.1	62.7	63.4	63.8	65.4	65.6	65.9	66.0	65.2	64.9	64.9	64.5	64.4	64.7	64.4	64.0	64.3	64.6	64.6	64.2	66.4	62.0
„ 18,	63.5	63.1	62.8	62.6	62.6	62.8	63.4	63.3	63.7	65.7	65.5	64.7	63.7	62.8	62.3	62.8	62.9	63.3	62.9	63.6	62.4	62.4	61.8	61.6	63.2	65.9	61.6
„ 19,	61.7	62.0	60.9	60.6	60.1	59.6	60.2	60.5	61.1	62.2	62.8	63.4	63.0	62.9	63.4	62.9	61.9	61.2	61.3	61.6	61.7	61.6	61.7	61.3	61.6	63.6	59.6
„ 20,	61.1	60.9	60.9	61.0	60.8	60.8	60.8	61.3	61.4	62.8	61.9	61.9	62.3	61.8	61.8	61.9	61.4	61.3	61.3	61.6	61.9	61.9	62.1	62.2	61.5	63.2	60.8
„ 21,	62.1	61.7	61.5	61.5	61.5	61.4	61.5	62.0	64.7	64.2	64.6	64.7	65.3	65.3	64.5	64.8	63.6	63.0	63.3	62.6	62.9	63.6	63.8	63.3	63.2	65.9	61.2
„ 22,	62.8	61.8	61.9	61.8	61.9	61.8	61.9	62.4	62.8	64.0	63.1	62.5	62.1	61.4	61.3	61.4	61.4	61.6	61.9	61.6	61.9	60.6	60.3	60.2	61.8	64.2	60.2
„ 23,	60.0	59.4	59.3	59.6	59.8	60.2	59.8	59.8	60.0	60.6	62.1	63.0	63.9	63.0	64.3	63.2	62.4	62.3	62.1	62.4	62.6	62.7	62.8	62.8	61.6	65.0	59.3
„ 24,	63.0	62.6	62.6	62.7	62.4	62.5	62.7	62.6	62.6	64.1	65.7	66.0	65.4	65.8	65.2	63.9	63.8	63.7	62.9	63.6	63.7	63.8	64.8	64.8	63.8	66.8	62.2
„ 25,	64.8	64.7	64.2	64.5	64.6	64.7	65.0	65.8	69.5	69.2	69.2	69.9	69.1	71.8	70.4	70.2	67.8	67.3	66.8	67.0	66.6	66.3	66.5	67.0	67.2	73.0	64.2
„ 26,	64.6	62.8	62.6	61.8	61.6	61.2	61.4	61.4	60.3	60.6	61.4	61.7	61.8	61.3	60.7	60.6	60.8	60.8	61.6	61.4	60.3	60.5	60.6	60.1	61.3	67.0	60.1
„ 27,	60.0	60.0	59.6	59.5	59.9	60.9	60.6	60.5	60.6	61.2	61.6	62.1	61.7	61.4	62.0	62.3	61.0	59.9	58.4	57.4	57.2	56.7	57.2	56.6	59.9	62.8	56.6
„ 28,	55.4	54.8	54.5	54.0	53.3	53.6	53.2	55.7	56.2	56.8	56.6	56.6	57.0	57.5	57.6	55.2	54.8	53.9	54.1	54.1	55.0	53.9	53.3	52.7	55.0	57.6	52.7
„ 29,	51.4	51.5	51.9	50.6	50.3	50.3	50.3	50.5	53.4	52.2	52.5	51.8	51.8	51.6	52.0	52.2	51.1	49.9	50.4	49.7	49.9	49.5	50.2	50.1	51.0	53.4	49.3
„ 30,	49.8	49.3	49.2	50.0	49.0	48.7	47.9	48.1	49.3	49.9	49.8	49.2	48.7	47.6	48.5	49.0	47.3	47.5	46.6	46.4	46.5	45.6	44.8	44.7	48.1	50.3	44.7
„ 31,	44.2	44.2	44.1	43.6	43.4	43.2	43.4	44.1	44.6	44.3	43.9	45.0	46.1	45.8	45.5	44.9	44.5	44.2	44.2	44.4	44.0	43.9	43.4	42.6	44.2	46.5	42.5
Means,	58.8	58.5	58.4	58.2	58.1	58.0	58.1	58.9	60.0	60.8	61.5	61.5	61.8	61.7	61.5	61.1	60.0	59.6	59.4	59.2	59.1	58.9	58.8	58.6	59.6	63.3	56.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF JANUARY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Jan. 1,...	55.9	56.0	55.5	54.9	55.6	56.6	55.6	56.6	56.5	57.4	57.4	57.0	58.0	57.9	57.8	58.7	57.8	57.3	58.6	58.5	57.8	57.7	57.2	58.0	57.1	146.5
„ 2,...	58.8	59.0	58.3	57.5	57.9	58.0	58.0	59.6	60.0	60.2	60.9	60.9	61.1	60.7	60.5	61.0	60.5	59.2	59.6	59.7	59.8	60.2	60.6	59.9	59.7	134.1
„ 3,...	58.8	58.3	57.6	57.7	57.6	57.5	57.6	57.7	57.1	56.7	56.8	57.4	57.1	57.7	58.4	57.2	57.0	57.4	57.9	58.2	58.4	58.1	57.7	57.2	57.6	125.6
„ 4,...	56.9	56.3	56.5	56.1	55.8	55.6	55.6	55.7	56.4	55.7	55.0	55.6	56.4	56.8	56.5	56.3	55.0	55.7	56.1	56.4	56.9	56.9	57.1	57.2	56.2	123.5
„ 5,...	57.0	56.8	56.6	56.3	56.6	56.2	56.5	56.3	55.9	56.7	57.2	57.0	56.9	56.8	56.7	55.7	56.2	56.9	56.8	56.9	57.7	57.4	56.3	55.4	56.6	129.6
„ 6,...	56.1	54.6	54.0	52.1	51.6	50.4	49.8	49.7	50.0	50.2	52.0	50.2	50.5	50.8	51.0	50.1	49.1	46.9	46.4	45.6	44.2	44.2	43.6	43.9	49.5	133.1
„ 7,...	43.6	43.2	43.1	42.8	42.9	43.6	41.1	41.8	42.6	43.9	43.5	44.1	44.5	44.2	43.1	43.1	42.3	42.2	42.3	42.0	41.9	41.5	41.6	41.6	42.8	121.7
„ 8,...	40.6	40.6	40.4	39.6	39.6	39.6	40.0	41.0	43.0	44.8	44.1	45.2	46.0	46.6	46.5	47.0	46.1	46.5	42.6	42.0	41.8	42.2	42.3	42.6	42.9	119.3
„ 9,...	41.8	41.6	41.4	41.8	41.4	40.8	42.1	43.1	46.1	45.1	46.3	44.7	46.9	47.1	47.2	48.2	46.8	46.9	47.4	46.9	46.9	47.9	47.7	47.8	45.2	123.3
„ 10,...	48.3	48.2	48.6	48.6	48.1	47.8	47.7	49.1	48.3	48.3	49.0	49.1	49.6	49.9	50.1	51.2	51.0	51.6	51.2	51.0	51.5	51.1	51.2	51.1	49.6	123.9
„ 11,...	51.8	52.3	53.4	53.6	53.5	53.2	53.0	54.8	55.0	55.0	55.3	54.1	54.1	54.5	53.8	54.4	54.4	55.8	55.5	53.4	51.4	51.8	51.6	50.1	53.6	121.5
„ 12,...	50.2	50.4	51.3	51.7	51.5	50.8	51.3	52.0	51.1	51.1	50.8	51.1	52.2	52.5	51.9	54.2	54.1	55.4	57.3	58.8	59.6	59.0	58.8	58.8	53.6	130.9
„ 13,...	58.3	57.5	57.4	57.6	57.2	57.2	57.5	57.7	57.9	58.2	57.8	57.9	58.2	58.3	58.9	58.1	58.3	58.2	58.6	58.4	58.3	58.6	58.2	58.3	58.0	95.4
„ 14,...	58.2	58.3	57.6	58.2	58.5	57.7	57.4	57.8	58.2	58.5	58.1	57.8	57.7	57.8	58.7	58.5	58.0	57.9	57.5	57.9	58.1	57.5	57.5	57.1	57.9	125.3
„ 15,...	57.2	57.1	57.2	57.0	56.3	56.2	56.3	56.4	56.5	56.4	56.4	57.1	56.4	56.4	57.4	57.4	57.1	57.8	58.2	59.7	59.8	59.4	59.5	60.2	57.5	118.5
„ 16,...	60.2	60.0	60.2	60.3	60.4	60.5	60.8	60.8	60.2	60.3	60.2	60.2	60.9	60.9	61.0	61.0	60.7	60.7	60.7	60.6	60.8	60.6	61.0	61.0	60.6	134.1
„ 17,...	61.1	61.0	61.0	61.1	61.4	61.6	61.8	62.5	63.1	64.0	64.4	64.2	64.2	63.9	63.9	63.8	63.6	63.7	63.9	63.7	63.6	63.8	64.0	64.0	63.1	102.6
„ 18,...	63.1	63.0	62.4	62.3	62.3	62.5	63.1	62.8	63.2	64.2	64.4	63.8	63.4	62.7	61.8	62.4	62.3	62.4	61.9	60.9	61.0	60.9	60.7	60.6	62.4	87.7
„ 19,...	60.3	59.2	58.6	57.9	57.8	57.2	57.0	56.9	57.1	58.0	59.3	58.4	58.8	58.6	58.7	58.3	58.0	58.2	58.4	58.5	58.5	58.8	58.6	58.3	58.3	99.4
„ 20,...	58.5	58.6	58.5	58.6	58.7	58.8	59.0	59.2	59.4	59.7	59.3	59.6	59.5	59.2	59.3	59.5	58.9	59.0	59.2	59.3	59.9	60.2	60.1	60.1	59.3	90.5
„ 21,...	60.0	60.0	59.5	59.2	59.1	59.3	59.4	59.6	60.9	60.3	60.3	59.9	60.5	60.6	59.9	61.1	60.8	60.5	59.6	61.1	61.3	61.5	61.6	61.7	60.3	132.8
„ 22,...	61.1	60.6	60.4	60.3	60.5	60.4	60.3	60.3	61.0	61.7	61.4	60.8	60.6	60.2	60.3	60.0	59.9	60.0	59.3	59.5	59.0	59.7	59.8	59.3	60.3	86.1
„ 23,...	59.3	58.5	58.1	57.5	57.7	57.9	57.6	57.3	57.3	57.7	58.5	59.2	60.0	59.6	60.8	60.2	59.8	60.2	60.3	60.6	60.7	61.4	61.6	61.5	59.3	138.3
„ 24,...	61.6	61.7	61.6	61.5	61.4	61.4	61.6	61.7	61.6	62.4	63.3	63.6	63.3	63.6	63.5	62.9	63.1	62.8	62.7	63.4	63.6	63.5	64.5	64.3	62.7	133.1
„ 25,...	64.3	64.4	64.0	64.3	64.6	64.7	64.9	65.7	67.6	66.8	66.8	66.2	66.5	67.4	67.0	67.2	66.3	66.3	66.0	66.3	66.0	65.7	65.7	66.4	65.9	125.7
„ 26,...	63.6	62.0	61.2	60.7	59.9	59.6	59.6	59.5	59.0	58.9	59.3	59.4	59.6	59.1	58.8	58.8	59.0	59.5	60.3	60.1	59.4	59.2	59.0	58.7	59.8	94.8
„ 27,...	58.3	58.1	57.6	57.7	58.4	59.0	58.6	58.6	59.1	59.7	59.7	60.2	60.5	60.6	61.3	61.0	58.9	57.4	55.4	53.9	53.4	53.4	53.6	53.2	57.8	82.8
„ 28,...	52.5	52.0	51.8	50.9	50.8	49.5	49.9	51.9	52.5	52.7	52.9	53.3	53.4	53.6	53.6	50.8	50.1	50.0	50.2	50.2	51.1	50.5	50.0	49.4	51.4	81.2
„ 29,...	48.4	48.6	47.8	47.6	47.4	47.5	47.7	47.9	49.4	48.4	48.8	48.9	49.0	48.9	49.1	49.0	47.9	47.1	47.1	47.8	48.3	46.8	47.3	47.3	48.1	99.8
„ 30,...	47.4	46.0	46.9	47.5	46.3	46.3	45.8	46.1	47.0	48.1	47.6	46.9	47.2	46.5	46.5	46.6	44.2	45.1	44.0	43.9	43.6	43.1	42.8	42.2	45.7	59.1
„ 31,...	41.6	41.6	41.3	41.2	41.1	41.0	40.6	41.5	41.7	41.1	41.1	41.1	42.0	41.8	41.4	41.2	41.0	40.6	40.2	40.3	40.3	39.9	39.4	38.6	40.9	68.9
Means,.....	55.3	55.0	54.8	54.6	54.6	54.5	54.4	54.9	55.3	55.6	55.7	55.6	56.0	56.0	56.0	56.0	55.4	55.5	55.3	55.3	55.3	55.2	55.2	55.0	55.3	112.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JANUARY, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	78	0.404	Jan. 1,.....	58	0.360
2 „	78	.399	„ 2,.....	73	.448
3 „	77	.395	„ 3,.....	77	.422
4 „	77	.391	„ 4,.....	73	.392
5 „	78	.393	„ 5,.....	72	.396
6 „	78	.391	„ 6,.....	57	.262
7 „	76	.387	„ 7,.....	40	.156
8 „	75	.391	„ 8,.....	38	.150
9 „	71	.387	„ 9,.....	43	.184
10 „	69	.386	„ 10,.....	55	.259
11 „	67	.380	„ 11,.....	67	.338
Noon.	67	.377	„ 12,.....	55	.306
1 p.	67	.384	„ 13,.....	65	.398
2 „	67	.386	„ 14,.....	75	.423
3 „	68	.388	„ 15,.....	74	.415
4 „	70	.394	„ 16,.....	80	.481
5 „	72	.390	„ 17,.....	94	.565
6 „	75	.399	„ 18,.....	95	.554
7 „	75	.395	„ 19,.....	81	.445
8 „	76	.398	„ 20,.....	87	.478
9 „	76	.400	„ 21,.....	83	.486
10 „	77	.399	„ 22,.....	91	.505
11 „	77	.401	„ 23,.....	86	.476
Midt.	78	.398	„ 24,.....	95	.557
			„ 25,.....	93	.621
			„ 26,.....	91	.495
			„ 27,.....	88	.452
			„ 28,.....	77	.333
			„ 29,.....	79	.302
			„ 30,.....	82	.277
			„ 31,.....	74	.214
Means,.....	74	0.392	Means.	74	0.392

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.
1894.														
January 1,.....	...	...	...	...	...	0.1	...	0.7	0.8	0.8	1.0	0.2	...	3.6
„ 2,.....	...	...	...	...	0.9	1.0	1.0	0.8	0.5	0.7	0.7	...	...	5.6
„ 3,.....	...	...	...	0.4	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	6.9
„ 4,.....	...	...	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	7.2
„ 5,.....	...	...	...	0.2	0.2	0.7	0.3	1.0	0.4	0.7	0.6	0.1	...	4.2
„ 6,.....	...	0.2	0.8	0.7	0.9	1.0	1.0	0.9	0.9	1.0	0.8	0.3	...	8.5
„ 7,.....	...	0.4	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.7
„ 8,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 9,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.6
„ 10,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
„ 11,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.6
„ 12,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.6	...	...	...	7.8
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.2
„ 15,.....	...	...	...	...	0.1	...	...	...	...	...	...	...	...	0.1
„ 16,.....	...	...	...	...	...	...	0.1	0.9	...	...	...	...	...	1.0
„ 17,.....	...	...	...	...	...	..	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	0.2	0.8	0.5	1.0	1.0	0.9	0.3	0.7	0.9	0.6	...	6.9
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	0.3	0.2	0.3	0.9	1.0	0.7	0.4	1.0	0.7	0.2	...	5.7
„ 24,.....	...	...	...	...	0.4	0.5	0.6	0.7	0.7	0.7	...	...	...	3.6
„ 25,.....	...	...	0.5	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.4	...	...	7.5
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 29,.....	...	...	0.1	0.2	...	...	...	...	...	...	...	...	...	0.3
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	2.4	8.7	10.1	12.1	15.2	15.0	16.3	14.0	15.2	13.1	4.4	...	126.5

TABLE VI.

RAINFALL FOR THE MONTH OF JANUARY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
Jan. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	0.005	1
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	0.005	...	...	...	0.010	3
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	0.015	0.005	0.005	0.015	0.060	6
„ 18,	0.020	0.005	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.005	...	...	...	...	...	...	...	...	...	0.040	8
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.070	0.075	0.090	0.235	8
„ 23,	0.115	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.150	3
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	0.005	...	0.005	...	0.005	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.005	0.005	0.045	16
„ 27,	0.005	...	...	...	...	...	...	...	...	...	...	...	0.005	0.015	0.005	...	...	...	...	...	...	...	...	...	0.030	7
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	0.010	0.010	0.005	...	...	...	...	0.005	0.010	...	...	...	0.005	0.045	3
„ 30,	0.010	...	...	...	0.030	...	...	...	...	0.005	...	0.035	0.050	0.040	...	...	...	0.020	0.005	...	...	0.025	0.015	0.010	0.245	9
„ 31,	0.010	0.005	0.005	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	3
Sums,	0.165	0.045	0.010	0.005	0.040	0.010	...	...	...	0.005	...	0.045	0.070	0.070	0.010	...	...	0.020	0.015	0.030	0.025	0.105	0.100	0.125	0.895	72

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JANUARY, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Jan. 1,	10	2	...	0	...	0	...	0	7	2	...	1	...	1	29	3	18	3	23	3	24	2	24	5	22	6	24	5	19	3	8	4	31	7	28	4	13	6	7	9	8	6	9	7	12	10	8	10	99	4.1	10
„ 2,	9	12	7	12	7	11	9	14	7	15	7	15	8	12	9	12	9	15	9	14	9	17	9	17	9	17	9	14	8	14	8	15	8	18	7	16	8	9	8	5	8	4	8	14	7	21	7	24	337	14.0	8
„ 3,	6	27	7	32	7	34	7	29	7	30	7	30	7	27	7	28	6	35	5	28	7	28	8	27	9	21	7	21	8	21	6	21	7	24	7	27	7	27	7	29	7	32	6	34	6	33	7	30	675	28.1	7
„ 4,	7	31	7	33	7	32	7	31	6	28	6	25	6	23	6	28	6	31	5	27	7	26	7	26	7	23	8	19	7	23	9	22	7	17	7	18	7	14	6	13	6	11	6	13	6	15	7	21	550	22.9	7
„ 5,	7	23	7	20	7	23	7	22	7	24	7	21	7	22	7	23	5	20	4	12	5	9	9	15	9	14	10	15	10	13	10	12	8	13	8	13	8	7	8	5	8	4	7	10	1	7	2	7	354	14.7	7
„ 6,	32	7	30	6	32	16	32	7	31	8	1	11	32	9	6	7	32	12	1	18	31	12	31	15	32	11	32	12	3	14	32	14	1	14	32	24	32	16	1	17	32	13	32	20	32	22	32	20	325	13.5	32
„ 7,	32	21	32	18	32	28	1	24	1	21	32	23	32	22	32	26	32	23	32	22	32	18	32	16	32	17	2	16	2	17	1	17	1	14	2	12	32	17	32	14	32	20	32	22	32	21	32	25	474	19.8	32
„ 8,	1	18	1	5	1	3	32	9	2	14	1	6	1	2	1	10	1	11	1	6	1	5	13	6	23	5	23	2	23	2	23	3	24	4	23	2	...	1	...	1	1	6	1	8	32	8	32	7	144	6.0	32
„ 9,	32	8	32	13	32	6	32	3	...	0	2	3	1	4	1	2	1	3	32	13	31	15	32	8	10	11	10	11	9	13	9	13	9	14	11	10	10	10	8	6	8	3	...	0	...	1	10	2	172	7.2	5
„ 10,	12	2	5	5	6	10	6	10	5	10	3	8	2	10	4	12	4	11	5	9	6	11	11	11	11	7	10	15	9	14	10	9	9	10	9	11	10	6	...	1	11	3	8	4	...	1	9	8	198	8.2	7
„ 11,	9	10	9	10	10	13	9	12	9	12	6	9	7	12	8	15	9	13	10	14	8	17	10	16	9	20	9	22	8	21	8	20	9	18	9	14	7	11	8	9	9	8	9	10	10	12	7	15	333	13.9	9
„ 12,	8	13	8	15	8	12	6	17	6	15	6	19	6	26	6	24	7	24	8	22	8	24	9	23	8	22	10	22	7	20	7	21	8	18	8	15	8	12	10	11	11	11	10	13	10	12	9	11	422	17.6	8
„ 13,	9	12	8	16	8	17	9	10	8	10	6	11	10	10	5	6	2	2	32	4	32	11	1	9	4	8	2	10	3	7	1	10	1	8	1	7	1	2	...	1	3	2	...	0	1	3	25	7	183	7.6	5
„ 14,	25	7	25	6	25	6	23	4	23	2	11	2	10	12	7	25	7	37	7	37	6	36	7	37	7	32	7	33	7	31	7	27	7	26	7	26	7	25	7	25	7	26	6	28	6	26	6	33	549	22.9	7
„ 15,	6	32	6	34	6	31	6	29	7	29	7	25	7	23	7	22	8	28	7	28	7	33	8	31	8	29	8	26	8	23	9	21	7	19	8	16	6	15	7	19	7	24	8	15	9	13	10	9	574	23.9	7
„ 16,	11	6	9	5	9	7	11	4	12	2	12	4	...	0	23	8	7	17	7	18	8	25	8	23	9	23	8	23	8	26	7	24	7	22	7	21	7	21	7	16	7	23	7	22	7	19	7	25	384	16.0	8
„ 17,	8	21	8	24	8	26	8	22	8	21	9	19	9	21	9	19	9	19	9	17	9	15	9	17	9	20	9	19	8	16	10	19	9	20	9	16	8	14	8	14	9	19	8	16	8	19	6	18	451	18.8	9
„ 18,	8	19	7	21	7	26	7	19	8	16	7	13	7	10	10	15	10	13	8	16	9	11	9	6	28	9	27	10	24	8	24	6	24	4	...	0	24	2	13	7	9	13	8	10	5	7	7	7	268	11.2	8
„ 19,	6	6	4	7	32	6	1	6	2	5	1	3	3	4	6	4	3	4	7	7	9	13	7	16	8	17	7	16	7	16	7	16	7	15	7	17	6	17	6	18	6	17	5	18	6	15	5	20	283	11.8	6
„ 20,	5	16	6	17	6	16	6	14	6	13	6	13	7	13	7	14	7	17	8	15	7	14	7	14	7	15	8	14	9	13	10	14	9	15	9	17	9	23	8	21	9	26	9	22	8	23	9	23	402	16.8	8
„ 21,	9	21	8	22	7	21	7	25	7	25	6	21	7	23	7	25	7	24	8	23	8	26	7	26	8	23	8	24	9	24	9	22	8	21	7	18	7	19	8	13	8	12	8	11	6	13	9	12	494	20.6	8
„ 22,	7	16	7	19	7	18	6	16	8	18	7	16	8	14	7	15	7	12	6	15	7	14	8	15	9	12	8	13	8	14	8	14	7	17	6	18	6	24	7	25	7	31	6	30	7	30	6	32	448	18.7	7
„ 23,	6	30	6	32	7	32	7	33	7	34	7	34	7	33	7	34	6	37	6	33	6	31	7	26	7	20	7	20	8	21	7	21	7	17	7	19	9	21	8	21	8	21	8	21	8	24	8	23	638	26.6	7
„ 24,	7	19	8	14	7	19	7	19	8	20	8	20	9	18	8	20	9	22	9	19	7	21	8	21	7	22	7	18	8	17	7	17	7	12	7	14	7	15	6	13	7	12	7	12	6	11	6	9	404	16.8	8
„ 25,	6	9	7	11	7	13	7	9	7	9	7	10	7	9	7	5	7	5	7	7	8	13	8	9	8	11	8	5	3	4	5	7	7	11	8	13	7	12	7	9	7	6	7	10	7	9	9	7	213	8.9	7
„ 26,	6	21	7	22	6	18	7	23	8	27	7	28	7	32	6	31	6	30	7	31	7	28	7	33	6	30	7	27	6	26	7	27	7	26	6	26	7	21	7	27	6	26	6	26	7	27	7	29	642	26.7	7
„ 27,	6	23	7	31	8	32	8	35	7	29	6	20	6	16	5	15	7	14	7	12	9	14	9	6	9	2	...	1	9	3	9	2	2	6	32	12	32	14	2	7	4	7	31	4	1	9	32	11	325	13.5	6
„ 28,	32	12	32	11	2	9	32	7	2	8	2	9	1	7	7	25	6	25	5	16	6	19	5	17	4	12	7	8	2	7	32	11	32	12	32	12	1	8	1	9	2	6	1	7	31	10	32	11	278	11.6	3
„ 29,	31	18	32	9	4	12	32	11	32	11	32	9	32	10	3	10	6	12	2	8	5	12	32	6	4	3	1	6	30	4	32	9	32	8	1	11	1	5	32	2	1	6	32	7	32	3	31	7	189	7.9	1
„ 30,	1	7	2	11	30	3	4	6	1	4	2	4	1	5	32	5	1	3	32	4	30	6	4	3	27	5	30	3	30	2	32	6	32	13	32	2	31	11	1	8	32	11	32	13	32	8	1	8	151	6.3	32
„ 31,	32	17	32	18	32	18	1	12	30	6	31	6	32	11	31	3	32	11	32	15	32	17	32	11	30	12	32	14	32	12	32	13	32	13	32	10	32	11	1	8	32	12	32	12	32	16	32	15	293	12.2	32
Sums,	...	476	...	499	...	518	...	482	...	468	...	438	...	441	...	491	...	533	...	513	...	543	...	511	...	479	...	464	...	449	...	457	...	456	...	441	...	416	...	383	...	421	...	439	...	448	...	486	11252	468.8	...
Means,	...	15.4	...	16.1	...	16.7	...	15.5	...	15.1	...	14.1	...	14.2	...	15.8	...	17.2	...	16.5	...	17.5	...	16.5	...	15.5	...	15.0	...	14.5	...	14.7	...	14.7	...	14.2	...	13.4	...	12.4	...	13.6	...	14.2	...	14.5	...	15.7	363.0	15.1	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
Jan. 1, ...	8	sm-cum.	SSE	9	sm-cum.	SSE	8	sm-cum.	SSE	9	sm-cum.	S
„ 2, ...	9	sm-cum.	S	10	sm-cum.	SW	9	sm-cum.	SW	2	sm-cum.	WSW
„ 3, ...	3	cum.	E	7	cum.	E	6	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E
„ 4, ...	3	cum.	E	9	cum.	E	10	sm-cum. / cum.	E	2	sm-cum. / cum.	NNW / E
„ 5, ...	2	cum.	E	0	...	...	8	sm-cum. / cum.	ESE	9	sm-cum. / cum.	E
„ 6, ...	10	cum.	...	10	cum.	...	4	sm-cum.	W	7	sm-cum.	W
„ 7, ...	6	sm-cum.	NW	4	sm-cum.	NW	2	sm-cum.	...	1	sm-cum.	...
„ 8, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 9, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 10, ...	0	...	...	0	...	...	1	cum.	E	2	sm-cum.	...
„ 11, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 12, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 13, ...	10	cum-nim.	SE	9	str-cum.	SE	8	str-cum.	ESE	10	str-cum.	ESE
„ 14, ...	8	sm-cum.	...	8	sm-cum.	...	7	sm-cum.	...	2	cum.	E
„ 15, ...	7	cum.	E	10	cum.	...	9	cum-nim.	SSE	9	sm-cum.	SSW
„ 16, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	ESE	10	str-cum.	SSE
„ 17, ...	10	cum.	...	10	cum-nim.	...	10	cum-nim.	...	10	cum-nim.	...
„ 18, ...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	...	10	str-cum.	E
„ 19, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	E	10	str. / cum.	E
„ 20, ...	10	cum.	...	10	cum.	...	9	sm-cum. / cum.	E	10	str-cum.	E
„ 21, ...	9	sm-cum.	SW	8	sm-cum.	SW	8	sm-cum.	WSW	9	sm-cum. / cum.	WSW / E
„ 22, ...	10	cum.	E	10	cum.	E	10	str-cum.	E	10	str-cum.	E
„ 23, ...	10	nim.	E	10	cum-nim.	E	9	sm-cum. / cum.	E	9	sm-cum. / cum.	W / E
„ 24, ...	10	cum-nim.	...	10	cum.	ESE	8	str-cum.	ESE	8	sm-cum. / str-cum.	ESE
„ 25, ...	10	cum.	S	10	sm-cum.	W	7	sm-cum. / cum. / fog.	.. / SSE / E	6	sm-cum. / cum.	W / SSE
„ 26, ...	10	nim.	E	10	cum-nim.	E	10	cum-nim.	E	10	nim.	E
„ 27, ...	10	nim.	...	10	cum-nim.	...	10	str-cum.	E	10	nim.	E
„ 28, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	E	10	str-cum.	E
„ 29, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	ENE	10	str-cum.	E
„ 30, ...	10	cum-nim.	...	10	str-cum.	...	10	str-cum.	...	10	nim.	N
„ 31, ...	10	nim.	...	10	cum-nim.	...	10	str-cum. / R-cum.	...	10	str-cum.	...
Means,...	7.3	...	...	7.5	...	...	7.2	...	...	6.9	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
Jan. 1,...	9	sm-cum.	S	3	sm-cum.	S	4	sm-cum.	S	7	sm-cum.	S	7.1
„ 2,...	3	sm-cum.	WNW	8	sm-cum.	NW	0	...	...	1	cum.	E	5.2
„ 3,...	2	cum.	ENE	2	cum.	ENE	0	...	...	1	cum.	...	3.9
„ 4,...	0	...	...	0	...	...	0	...	...	0	...	...	3.0
„ 5,...	2	sm-cum. / cum.	W / ..	7	sm-cum.	WNW	9	sm-cum.	W	0	...	...	4.6
„ 6,...	5	sm-cum.	WNW	2	sm-cum.	WNW	0	...	...	0	...	...	4.8
„ 7,...	0	...	...	0	...	...	0	...	...	0	...	...	1.6
„ 8,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 9,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 10,...	0	...	...	1	sm-cum.	...	0	...	...	0	...	...	0.5
„ 11,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 12,...	8	sm-cum.	SSE	10	str-cum.	SSE	10	str-cum.	SSE	8	str-cum.	SSE	4.5
„ 13,...	10	str-cum.	ESE	10	str-cum.	ESE	7	sm-cum.	W	9	sm-cum.	W	9.1
„ 14,...	1	cum.	E	1	cum.	E	4	sm-cum. / cum.	E	5	sm-cum. / cum.	E	4.5
„ 15,...	9	sm-cum. / cum.	SSW / E	9	sm-cum. / str-cum.	SSW / E	10	str-cum.	E	10	str-cum.	E	9.1
„ 16,...	9	str-cum.	SSE	9	sm-cum. / cum.	S / E	10	R-cum.	E	10	sm-cum. / cum-nim.	E	9.7
„ 17,...	10	str-cum.	ESE	10	nim.	ESE	10	nim.	ESE	10	nim.	ESE	10.0
„ 18,...	10	nim.	...	10	str.	...	10	str.	...	10	str-cum.	...	10.0
„ 19,...	10	str. / R-cum.	E	7	sm-cum. / cum.	W / E	8	cum.	E	10	cum.	E	9.4
„ 20,...	10	str-cum.	ESE	9	cum. / cum.	S / SSE	9	sm-cum. / cum.	SE	9	sm-cum.	SW	9.5
„ 21,...	7	sm-cum.	WSW	7	sm-cum.	WSW	2	sm-cum.	WSW	10	sm-cum. / cum.	E	7.5
„ 22,...	10	nim.	E	10	nim.	E	7	cum.	E	10	nim.	E	9.6
„ 23,...	8	sm-cum. / cum.	W / ESE	3	sm-cum. / cum.	W / ESE	7	sm-cum / R-cum.	W / ESE	10	cum-nim.	ESE	8.3
„ 24,...	6	sm-cum. / cum.	SE	8	sm-cum. / cum.	S	10	sm-cum. / fog.	...	8	sm-cum.	W	8.5
„ 25,...	0	...	...	7	sm-cum.	W	0	...	...	1	sm-cum.	...	5.1
„ 26,...	10	cum-nim.	E	10	nim.	E	10	nim.	E	10	nim.	...	10.0
„ 27,...	10	nim.	E	10	nim.	E	10	R-cum.	...	10	str-cum.	...	10.0
„ 28,...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	...	9	sm-cum. / R-cum.	W / E	9.9
„ 29,...	10	nim.	ENE	10	str-cum.	ENE	10	nim.	...	10	str-cum.	...	10.0
„ 30,...	10	nim.	...	10	str-cum.	...	10	cum-nim.	...	10	nim.	...	10.0
„ 31,...	10	str-cum.	E	10	str-cum.	NE	10	str-cum.	...	10	R-cum.	...	10.0
Means,...	6.1	...	...	6.2	...	...	5.7	...	...	6.1	...	...	6.6

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF JANUARY, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.84	11.55	0.48	0.29	+5.36	+11.26	E 25° N
2 „	5.42	12.74	0.10	0.26	5.32	12.48	E 23° N
3 „	5.55	13.35	0.19	0.23	5.36	13.12	E 22° N
4 „	5.03	12.71	0.32	0.13	4.71	12.58	E 21° N
5 „	4.61	12.68	0.10	0.19	4.51	12.49	E 20° N
6 „	5.29	11.42	0.26	0.03	5.03	11.39	E 24° N
7 „	4.68	11.45	0.55	0.00	4.13	11.45	E 20° N
8 „	5.00	13.26	0.45	0.35	4.55	12.91	E 19° N
9 „	5.84	14.42	0.71	0.03	5.13	14.39	E 20° N
10 „	6.03	13.00	0.52	0.10	5.51	12.90	E 23° N
11 „	5.32	14.35	0.42	0.29	4.90	14.06	E 19° N
Noon.	3.55	13.87	1.06	0.26	2.49	13.61	E 10° N
1 p.	3.10	12.97	1.16	0.84	1.94	12.13	E 9° N
2 „	2.97	12.55	1.13	0.52	1.84	12.03	E 9° N
3 „	2.84	12.55	0.71	0.45	2.13	12.10	E 10° N
4 „	3.90	11.71	1.13	0.29	2.77	11.42	E 14° N
5 „	4.32	11.71	0.52	0.29	3.80	11.42	E 18° N
6 „	4.65	11.19	0.55	0.16	4.10	11.03	E 20° N
7 „	4.42	10.42	0.65	0.13	3.77	10.29	E 20° N
8 „	3.65	10.23	0.32	0.00	3.33	10.23	E 18° N
9 „	4.26	10.94	0.68	0.00	3.58	10.94	E 18° N
10 „	5.26	10.84	0.39	0.03	4.87	10.81	E 24° N
11 „	5.68	10.55	0.65	0.06	5.03	10.49	E 26° N
Midt.	6.03	11.61	0.48	0.26	+5.55	+11.35	E 26° N
Means, ...	4.72	12.17	0.56	0.22	+4.15	+11.95	E 19° N

PHENOMENA :—

Lunar corona :—on the 20th.

Thick fog :—on the 25th.

Fog :—on the 1st and 18th.

Slight fog :—on the 16th and 24th.

Haze :—on the 1st, 10th, 17th, 22nd and 24th.

Unusual visibility :—on the 6th, 7th, 28th and 30th.

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF FEBRUARY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Feb. 1,...	30.215	30.208	30.191	30.188	30.191	30.217	30.231	30.260	30.276	30.292	30.265	30.240	30.206	30.184	30.171	30.183	30.196	30.206	30.222	30.238	30.241	30.241	30.239	30.237	30.223
„ 2,...	.238	.230	.233	.232	.233	.248	.267	.288	.310	.305	.305	.290	.264	.248	.237	.238	.242	.243	.250	.271	.274	.273	.264	.250	.260
„ 3,...	.237	.220	.209	.193	.190	.199	.208	.212	.219	.209	.205	.177	.150	.112	.083	.079	.081	.078	.079	.078	.089	.085	.082	.065	.147
„ 4,...	.047	.028	.000	29.985	29.995	.012	.040	.045	.050	.048	.045	.027	29.991	29.968	29.953	29.952	29.956	29.958	29.966	29.988	.006	.012	.011	.009	.004
„ 5,...	29.989	29.977	29.961	.963	.963	29.974	.006	.018	.037	.046	.049	.022	.997	.979	.976	.990	30.009	30.012	30.046	30.067	.067	.079	.089	.083	.017
„ 6,...	30.080	30.063	30.038	30.025	30.040	30.052	.066	.078	.094	.104	.091	.063	30.023	.995	.984	.981	29.993	.005	.020	.044	.046	.051	.061	.055	.044
„ 7,...	.035	.025	.022	.024	.029	.052	.080	.099	.123	.140	.138	.111	.081	30.050	30.031	30.034	30.039	.058	.057	.071	.086	.098	.097	.097	.070
„ 8,...	.092	.081	.077	.073	.078	.086	.099	.096	.125	.133	.136	.103	.085	.058	.045	.044	.051	.058	.059	.081	.088	.099	.110	.117	.086
„ 9,...	.109	.109	.112	.114	.118	.121	.140	.143	.152	.166	.139	.112	.072	.053	.034	.033	.046	.053	.070	.084	.089	.087	.084	.068	.096
„ 10,...	.053	.054	.041	.044	.050	.060	.062	.070	.081	.089	.076	.057	.030	.006	29.993	.001	.011	.014	.031	.050	.052	.056	.062	.055	.046
„ 11,...	.049	.045	.037	.035	.060	.065	.089	.104	.120	.118	.108	.071	.035	.011	30.005	.014	.019	.035	.051	.064	.086	.104	.114	.118	.065
„ 12,...	.123	.123	.114	.113	.126	.140	.168	.188	.219	.230	.220	.186	.152	.119	.098	.098	.121	.134	.146	.162	.176	.184	.186	.196	.155
„ 13,...	.183	.171	.166	.156	.156	.169	.176	.185	.202	.198	.180	.151	.114	.091	.077	.070	.079	.090	.108	.124	.136	.142	.140	.134	.142
„ 14,...	.123	.111	.108	.106	.101	.124	.137	.151	.172	.172	.165	.144	.110	.078	.056	.046	.064	.087	.108	.127	.135	.141	.152	.145	.119
„ 15,...	.138	.126	.115	.116	.115	.145	.180	.188	.205	.200	.191	.151	.115	.082	.060	.051	.063	.068	.078	.110	.122	.126	.123	.118	.124
„ 16,...	.109	.084	.081	.073	.083	.104	.111	.123	.132	.127	.111	.077	.045	.026	.028	.023	.040	.040	.056	.066	.083	.094	.096	.088	.079
„ 17,...	.079	.065	.057	.050	.039	.046	.066	.076	.101	.102	.090	.061	.032	.016	29.996	29.993	29.993	.011	.025	.041	.062	.069	.061	.056	.049
„ 18,...	.056	.038	.026	.013	.016	.027	.046	.074	.093	.123	.094	.082	.042	.016	30.003	30.002	30.012	.016	.036	.060	.072	.084	.083	.078	.050
„ 19,...	.062	.035	.021	.012	.011	.035	.049	.060	.076	.086	.076	.055	.022	29.993	29.973	29.966	29.967	29.969	29.986	.003	.009	.020	.018	.007	.021
„ 20,...	.000	29.989	29.985	29.985	29.998	.011	.030	.035	.043	.051	.057	.040	.005	.986	.979	.967	.984	.991	30.005	.034	.058	.058	.067	.063	.018
„ 21,...	.070	30.067	30.062	30.074	30.074	.085	.100	.129	.151	.159	.162	.148	.122	30.100	30.083	30.075	30.076	30.089	.107	.114	.133	.139	.134	.125	.107
„ 22,...	.115	.100	.086	.075	.075	.076	.096	.114	.111	.117	.101	.078	.042	.012	29.986	29.978	29.985	29.986	29.994	.008	.018	.020	.009	29.997	.049
„ 23,...	29.992	29.990	29.965	29.965	29.958	29.966	29.978	29.986	29.985	29.978	29.970	29.933	29.905	29.880	.858	.850	.866	.876	.883	29.891	29.894	29.898	29.896	.888	29.927
„ 24,...	.876	.863	.860	.853	.856	.872	.905	.920	.929	.931	.921	.902	.880	.861	.862	.852	.864	.877	.894	.929	.950	.943	.954	.950	.896
„ 25,...	.952	.954	.941	.928	.929	.949	.974	.986	30.006	30.010	30.000	.986	.956	.930	.918	.916	.919	.946	.961	.978	.990	30.000	30.009	30.006	.964
„ 26,...	.988	.976	.962	.960	.971	.992	30.021	30.043	.075	.073	.049	30.026	30.000	.968	.942	.928	.942	.954	.965	30.002	30.018	.022	.020	.004	.996
„ 27,...	.997	.987	.978	.976	.978	30.004	.029	.052	.061	.047	.033	.010	29.976	.951	.936	.941	.948	.956	.972	29.980	.001	.006	.014	.010	.993
„ 28,...	.997	.986	.973	.960	.968	29.981	.002	.026	.040	.042	.028	29.991	.956	.934	.901	.879	.899	.908	.912	.934	29.956	29.954	29.953	29.955	.964
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	30.072	30.061	30.051	30.046	30.050	30.065	30.084	30.098	30.114	30.118	30.107	30.082	30.050	30.025	30.010	30.007	30.017	30.026	30.039	30.057	30.069	30.075	30.076	30.071	30.061

TABLE II.

TEMPERATURE FOR THE MONTH OF FEBRUARY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,.....	42.8	42.6	42.7	42.6	42.2	42.3	41.9	42.8	44.4	46.8	49.6	51.4	50.2	50.8	52.1	52.2	53.5	50.9	50.6	49.6	49.6	48.8	47.8	47.5	47.3	53.7	41.4
„ 2,.....	47.3	47.2	46.0	45.7	45.6	44.8	45.6	47.0	49.6	53.0	52.9	53.2	53.1	53.6	53.7	53.0	52.4	52.2	52.4	52.8	52.9	53.2	53.6	53.8	50.6	54.0	44.7
„ 3,.....	53.8	53.6	53.2	53.0	52.8	53.1	52.6	53.3	54.3	56.0	56.8	56.8	57.3	57.9	57.4	56.6	56.3	56.2	55.9	56.0	56.3	56.3	56.8	57.1	55.4	58.2	52.6
„ 4,.....	57.3	57.3	57.4	57.3	57.9	58.0	57.5	57.3	57.6	59.1	59.0	59.5	60.6	60.3	60.6	59.4	59.9	59.8	60.6	59.4	58.9	58.7	58.0	58.4	58.7	61.3	57.1
„ 5,.....	58.4	58.9	59.1	59.2	59.8	60.2	60.6	60.7	60.9	60.7	59.4	58.6	58.7	58.4	58.6	57.9	57.3	57.0	57.1	57.2	56.9	58.1	58.2	57.8	58.7	61.3	56.9
„ 6,.....	57.7	57.7	57.6	57.5	57.6	57.6	57.4	57.7	58.8	59.3	57.9	58.6	59.0	58.8	58.0	57.3	56.8	56.9	57.1	56.6	56.7	56.9	57.2	57.5	57.7	60.4	56.6
„ 7,.....	57.8	58.2	59.0	59.0	59.4	59.5	59.7	60.6	61.3	61.3	61.9	64.3	66.3	64.5	64.0	66.7	63.3	62.9	62.3	62.3	61.3	60.9	61.9	61.6	61.7	66.7	57.5
„ 8,.....	61.7	62.0	61.0	60.9	61.2	60.9	61.7	61.8	65.3	67.7	67.0	64.6	63.2	62.6	61.3	59.9	59.4	59.1	58.7	58.4	58.2	58.3	57.7	57.0	61.2	67.7	57.0
„ 9,.....	57.7	57.2	56.6	57.0	56.1	56.0	55.7	55.8	56.6	56.9	58.3	58.9	59.4	58.9	59.6	59.9	58.9	57.8	57.8	57.3	57.4	57.8	58.0	57.9	57.6	60.7	55.5
„ 10,.....	57.6	57.8	57.6	57.6	57.8	58.0	58.4	60.0	62.7	62.2	63.6	62.7	64.4	64.8	65.3	64.0	64.3	64.1	63.8	63.6	63.1	64.1	64.5	65.0	62.0	65.8	57.0
„ 11,.....	65.2	65.1	65.0	65.7	65.9	65.5	67.3	67.6	71.4	71.4	72.9	72.1	73.3	73.8	72.7	71.3	70.0	68.2	68.3	66.9	67.0	65.2	63.8	60.3	68.2	73.9	60.3
„ 12,.....	59.8	59.8	60.0	59.8	59.5	59.1	58.4	58.3	59.5	60.0	62.4	61.6	63.5	64.7	62.6	61.0	58.9	58.0	58.2	58.2	58.1	57.8	57.6	57.3	59.8	66.4	57.3
„ 13,.....	57.2	57.1	56.6	56.2	55.3	55.3	53.6	55.0	57.7	58.3	59.8	60.4	61.0	61.2	59.7	58.4	57.4	56.4	56.3	56.3	56.2	56.0	56.2	56.1	57.2	61.2	53.6
„ 14,.....	56.3	56.1	56.1	55.7	55.2	56.8	56.0	57.1	58.0	58.4	59.2	60.8	61.4	63.6	62.0	60.4	59.0	58.1	57.0	56.4	56.5	57.0	57.0	57.2	58.0	64.0	55.2
„ 15,.....	56.6	56.8	56.8	56.8	56.7	57.2	56.6	56.7	57.6	58.9	60.4	60.7	61.0	61.8	60.6	60.6	59.1	58.7	59.8	60.5	60.6	60.4	60.2	60.3	59.0	61.8	56.0
„ 16,.....	60.4	60.3	59.7	58.8	58.9	59.2	59.4	61.8	63.8	65.1	66.0	66.9	65.0	66.0	69.0	69.6	66.1	64.4	63.6	63.2	62.9	63.3	63.2	62.2	63.3	70.4	58.3
„ 17,.....	61.4	61.0	60.0	59.6	59.5	59.3	59.3	60.1	60.8	62.2	62.6	63.0	64.5	64.0	64.9	63.4	61.3	60.3	58.6	58.8	59.0	58.3	58.1	57.8	60.7	65.3	57.8
„ 18,.....	57.5	57.3	57.0	57.1	57.1	57.2	57.3	57.7	58.6	61.8	62.2	64.2	66.5	65.3	63.5	63.1	61.8	60.0	60.1	59.5	60.3	59.9	60.0	59.7	60.2	66.5	56.5
„ 19,.....	59.2	59.5	59.9	59.4	59.2	59.2	59.6	61.6	62.9	63.4	63.0	65.1	66.9	65.3	65.7	65.0	63.9	63.2	62.7	62.4	62.0	62.1	62.2	62.1	62.3	66.9	58.7
„ 20,.....	62.6	62.9	63.0	63.0	63.2	63.2	64.0	65.3	66.3	68.0	68.9	70.0	70.9	69.1	69.1	68.4	67.3	65.7	65.9	66.3	66.1	65.6	65.2	64.7	66.0	71.5	61.8
„ 21,.....	64.6	64.4	63.8	63.0	61.5	61.7	61.6	62.2	62.3	62.6	63.8	63.8	63.0	64.4	64.5	62.8	61.4	60.6	60.3	59.6	59.2	59.0	58.8	58.5	62.0	64.7	58.5
„ 22,.....	58.0	57.8	58.0	57.7	57.6	57.7	57.9	58.4	60.5	61.0	61.8	61.7	62.7	62.4	62.6	62.2	61.0	60.2	60.0	60.0	59.6	59.9	60.0	59.7	59.9	63.3	57.5
„ 23,.....	59.9	59.5	59.3	59.4	59.3	59.4	59.9	61.9	62.9	64.6	65.0	65.6	66.0	66.0	68.1	65.2	64.0	64.5	64.8	64.1	62.7	62.0	61.6	61.2	62.8	68.1	59.1
„ 24,.....	60.8	60.9	60.9	60.5	60.7	60.7	61.2	64.7	68.2	71.4	71.3	70.0	69.7	68.1	70.0	69.7	68.4	66.6	66.2	65.0	63.4	62.0	62.0	62.8	65.2	71.4	60.2
„ 25,.....	62.1	61.2	61.0	60.9	60.6	60.6	60.6	60.9	61.6	62.4	62.9	64.4	64.4	64.0	64.6	62.9	62.5	61.9	61.7	62.1	61.7	61.6	61.5	60.9	62.0	65.0	60.3
„ 26,.....	60.6	60.2	59.6	59.2	59.0	59.2	59.3	59.8	61.1	61.0	63.2	63.3	63.6	65.4	64.6	63.2	62.3	62.1	61.7	62.1	62.5	61.4	60.8	61.6	61.5	65.4	59.0
„ 27,.....	61.4	61.0	60.3	59.7	59.8	59.5	59.6	59.6	59.7	61.4	61.5	62.0	64.0	62.4	63.1	62.0	61.8	61.4	60.7	60.8	60.2	59.6	59.5	59.4	60.8	64.0	59.3
„ 28,.....	59.3	59.3	59.2	58.8	59.1	59.3	59.2	59.1	59.5	60.8	61.3	62.1	61.9	62.9	62.0	61.2	60.4	60.0	60.3	61.3	61.2	60.9	60.3	60.1	60.4	63.3	58.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	58.4	58.3	58.1	57.9	57.8	57.9	57.9	58.7	60.1	61.3	61.9	62.4	62.9	62.9	62.9	62.0	61.0	60.3	60.1	59.9	59.7	59.5	59.3	59.1	60.0	64.4	56.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF FEBRUARY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Feb. 1,...	38.9	38.0	38.2	37.9	37.6	37.6	36.3	36.6	37.2	38.5	40.0	41.5	40.8	40.7	40.9	41.2	43.3	41.1	40.5	40.2	40.1	39.7	39.2	38.6	39.4	123.0
„ 2,...	38.0	37.9	37.5	37.4	37.3	36.5	36.9	38.0	39.0	40.8	41.1	41.7	42.0	41.8	42.7	43.6	43.2	42.7	42.9	43.6	44.5	46.3	47.3	48.1	41.3	112.1
„ 3,...	47.6	47.2	47.6	47.6	47.3	47.1	47.2	47.0	47.5	48.7	49.2	48.9	49.1	48.5	49.5	49.4	49.6	50.0	50.1	50.2	50.5	51.5	52.2	52.9	49.0	103.8
„ 4,...	52.8	53.4	53.5	53.6	54.3	54.8	55.3	55.9	56.5	57.2	57.2	57.3	57.6	57.8	58.2	57.8	58.3	58.2	58.7	58.7	58.7	58.5	57.7	57.8	56.7	91.0
„ 5,...	58.1	58.1	58.2	58.6	58.8	59.0	59.8	60.5	60.5	60.4	59.0	58.4	58.4	57.8	57.7	57.3	55.6	56.4	56.3	56.0	55.0	55.4	55.2	55.0	57.7	85.5
„ 6,...	54.3	54.2	54.3	54.7	54.8	54.8	55.3	55.5	56.5	56.4	56.4	56.2	56.9	56.3	55.9	56.0	56.2	56.4	56.4	56.2	56.4	56.5	56.6	57.3	55.9	111.0
„ 7,...	57.6	57.8	58.1	58.1	58.8	59.1	59.3	59.7	60.6	61.0	61.2	62.5	63.2	62.6	62.3	64.0	61.8	61.7	61.4	61.3	60.6	60.3	61.4	61.4	60.7	103.1
„ 8,...	61.4	61.3	60.0	60.3	60.2	59.8	59.4	59.9	61.9	62.7	62.0	60.7	59.8	59.6	58.7	58.1	57.9	57.5	56.8	56.5	56.3	56.0	55.7	55.4	59.1	118.9
„ 9,...	55.0	55.0	55.0	55.3	55.1	55.0	54.7	55.3	55.3	55.4	56.2	56.7	56.6	56.3	56.7	56.8	55.7	55.6	55.4	55.6	55.5	55.7	55.6	55.6	55.6	127.2
„ 10,...	55.4	55.5	55.4	55.6	56.0	56.1	56.3	56.6	58.0	58.2	58.4	58.5	58.7	58.6	59.0	58.6	58.6	59.0	59.5	59.9	59.9	60.1	60.7	61.0	58.1	132.8
„ 11,...	60.9	60.6	60.7	60.5	60.7	60.9	61.6	62.5	64.6	64.3	65.0	64.5	64.9	64.2	63.6	63.7	62.5	61.9	62.4	61.9	61.9	61.1	59.5	59.0	62.2	136.0
„ 12,...	57.6	56.8	55.6	55.2	54.8	53.7	53.0	53.6	54.0	53.8	55.3	55.4	56.5	57.7	57.2	55.8	55.7	55.6	56.4	55.9	55.8	55.4	55.3	54.9	55.5	130.6
„ 13,...	55.0	54.3	51.1	51.0	50.0	49.4	49.1	49.1	50.0	51.1	51.3	52.0	53.2	53.8	53.2	53.1	52.1	52.4	52.5	52.4	52.0	52.1	52.9	52.9	51.9	121.3
„ 14,...	53.0	52.6	52.4	52.7	51.8	52.1	51.2	52.0	51.9	52.4	53.0	53.4	54.0	55.7	55.0	54.2	54.7	54.2	53.9	53.9	53.6	53.9	54.3	54.0	53.3	122.7
„ 15,...	54.2	54.3	54.0	53.8	53.6	54.2	53.7	53.6	53.8	55.2	55.6	56.1	56.1	52.0	51.2	56.2	56.4	55.8	55.9	57.3	57.8	58.0	58.0	57.8	55.2	122.9
„ 16,...	57.6	57.5	55.9	55.4	55.6	56.1	55.9	56.9	58.1	58.6	59.7	60.0	59.5	60.0	61.0	61.6	59.8	58.3	59.5	59.1	59.0	58.7	58.2	56.7	58.3	124.2
„ 17,...	56.2	55.2	54.5	54.3	54.6	54.0	53.6	53.9	54.3	54.2	55.0	55.2	55.6	55.3	56.7	56.4	55.7	54.9	54.8	55.5	56.2	55.9	55.5	55.0	55.1	121.0
„ 18,...	55.2	54.6	54.7	54.7	54.8	54.9	55.2	55.6	55.7	57.1	56.7	57.0	57.5	57.0	55.7	56.2	55.3	54.5	54.6	54.3	54.5	54.2	54.4	54.1	55.4	122.7
„ 19,...	53.4	53.0	52.3	52.1	51.6	50.5	50.7	51.2	52.7	51.2	54.0	52.9	55.0	54.0	54.8	53.8	53.0	52.5	54.1	55.2	56.2	57.1	57.8	58.3	53.6	133.9
„ 20,...	58.3	58.0	56.0	56.0	56.5	57.0	56.8	57.6	58.1	58.7	59.4	60.1	61.0	60.1	60.5	61.3	60.0	60.2	60.2	60.1	60.5	60.9	60.1	60.0	59.1	133.1
„ 21,...	60.2	58.7	58.8	59.0	56.4	54.8	54.6	54.8	54.6	54.8	54.7	55.7	55.9	55.8	55.7	55.9	55.2	55.3	55.6	56.0	55.9	55.9	55.9	55.6	56.1	111.0
„ 22,...	54.6	54.5	54.3	54.3	54.1	54.1	53.3	52.9	54.0	53.9	55.0	55.3	55.7	57.2	57.0	57.2	56.1	56.0	56.4	57.2	57.1	57.2	57.7	57.8	55.5	126.7
„ 23,...	57.8	57.6	57.6	57.6	57.5	57.5	58.1	59.3	59.0	59.8	60.0	60.9	60.7	60.7	62.6	62.2	60.9	61.3	61.4	61.3	60.9	60.4	60.2	60.0	59.8	123.7
„ 24,...	59.9	60.0	59.8	59.8	59.9	59.6	60.1	61.9	64.1	65.3	65.1	65.1	64.9	63.0	65.0	63.7	63.0	62.9	63.2	63.3	61.8	60.3	60.3	60.4	62.2	128.2
„ 25,...	60.0	59.6	59.4	59.2	58.8	58.9	58.6	58.7	58.8	58.8	59.0	59.8	59.3	59.1	58.8	58.8	57.6	57.4	58.3	58.7	58.7	59.3	59.5	59.1	58.9	125.2
„ 26,...	58.6	58.0	57.5	57.0	56.5	56.0	55.6	55.6	55.7	54.8	56.1	57.8	58.3	59.1	59.1	58.6	58.9	58.7	59.4	59.7	59.9	59.4	58.8	58.7	57.8	125.5
„ 27,...	58.8	58.6	58.4	58.4	58.1	57.5	57.6	58.1	57.7	58.4	58.2	58.3	59.7	58.2	58.9	58.7	58.2	57.8	58.4	58.6	58.3	58.1	57.9	57.5	58.3	121.1
„ 28,...	57.2	57.1	57.0	56.7	56.7	56.8	56.6	56.6	56.5	57.2	57.9	58.1	58.0	58.7	58.1	58.1	57.3	56.9	57.1	58.0	58.4	58.1	57.6	57.4	57.4	120.7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	55.3	55.0	54.6	54.5	54.4	54.2	54.1	54.6	55.2	55.7	56.1	56.4	56.7	56.5	56.6	56.7	56.2	55.9	56.1	56.3	56.3	56.3	56.3	56.2	55.7	120.0

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF FEBRUARY, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	80	0.404	Feb. 1,.....	42	0.139
2 „	79	.396	„ 2,.....	37	.139
3 „	78	.388	„ 3,.....	60	.264
4 „	77	.387	„ 4,.....	88	.435
5 „	77	.385	„ 5,.....	94	.465
6 „	76	.379	„ 6,.....	89	.425
7 „	76	.376	„ 7,.....	94	.519
8 „	74	.380	„ 8,.....	87	.475
9 „	70	.378	„ 9,.....	88	.418
10 „	68	.377	„ 10,.....	78	.433
11 „	67	.381	„ 11,.....	70	.481
Noon.	66	.383	„ 12,.....	74	.385
1 p.	65	.385	„ 13,.....	68	.318
2 „	63	.379	„ 14,.....	71	.346
3 „	65	.382	„ 15,.....	77	.387
4 „	69	.398	„ 16,.....	72	.422
5 „	71	.396	„ 17,.....	68	.361
6 „	73	.396	„ 18,.....	72	.377
7 „	75	.405	„ 19,.....	53	.298
8 „	77	.413	„ 20,.....	64	.411
9 „	79	.416	„ 21,.....	67	.374
10 „	80	.419	„ 22,.....	74	.383
11 „	81	.421	„ 23,.....	83	.475
Midt.	82	.421	„ 24,.....	84	.521
			„ 25,.....	82	.458
			„ 26,.....	79	.431
			„ 27,.....	85	.455
			„ 28,.....	82	.434
			.....	...	...
			.....	...	...
			.....	...	...
Means,.....	74	0.394	Means.	74	0.394

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.
1894.														
February 1,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.0
„ 2,.....	...	0.6	1.0	1.0	0.4	...	...	0.1	0.1	...	...	...	...	3.2
„ 3,.....	...	...	...	...	0.2	0.1	...	...	...	...	...	...	...	0.3
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	0.2	0.2	...	0.1	...	...	...	...	...	...	...	0.5
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	0.6	0.7	0.7	...	...	...	0.7	...	...	...	...	2.7
„ 9,.....	...	...	...	...	...	0.4	0.5	0.1	...	0.4	0.6	0.2	...	2.2
„ 10,.....	...	0.1	0.2	0.6	0.5	0.4	...	0.1	0.1	...	...	...	...	2.0
„ 11,.....	...	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	8.6
„ 12,.....	...	...	...	...	...	...	0.7	0.9	0.6	0.2	...	...	...	2.4
„ 13,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 14,.....	...	0.3	0.8	...	0.2	0.7	1.0	1.0	1.0	1.0	1.0	0.5	...	7.5
„ 15,.....	...	...	0.1	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	7.9
„ 16,.....	...	0.1	0.7	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.4	...	8.2
„ 17,.....	...	...	...	...	...	...	0.2	0.6	0.7	1.0	1.0	0.6	...	4.1
„ 18,.....	...	0.5	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	8.6
„ 19,.....	...	0.7	1.0	1.0	1.0	0.9	1.0	0.6	1.0	0.9	1.0	0.1	...	9.2
„ 20,.....	...	...	0.1	...	0.8	1.0	0.9	0.8	...	...	...	...	...	3.6
„ 21,.....	...	...	...	...	...	...	...	0.3	0.2	0.5	0.1	...	...	1.1
„ 22,.....	...	...	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	8.3
„ 23,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.6
„ 24,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.4	...	9.1
„ 25,.....	...	...	...	...	0.4	0.9	0.9	0.5	1.0	1.0	1.0	0.6	...	6.3
„ 26,.....	...	...	...	0.2	0.2	1.0	0.9	0.9	1.0	1.0	1.0	0.4	...	6.6
„ 27,.....	...	...	...	0.1	0.5	0.5	0.8	1.0	1.0	1.0	1.0	0.6	...	6.5
„ 28,.....	...	...	...	...	...	...	0.1	...	0.7	0.8	0.1	0.1	...	1.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	3.5	8.7	10.8	13.8	15.0	16.0	15.9	16.9	16.5	15.2	8.2	...	140.5

TABLE VI.

RAINFALL FOR THE MONTH OF FEBRUARY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
Feb. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	0.015	0.020	0.010	...	...	...	...	...	...	...	...	...	0.010	0.030	0.010	...	0.005	0.010	0.110	12
„ 5,	0.005	...	0.005	0.005	0.005	...	0.025	0.045	0.035	0.040	0.030	0.030	0.010	0.010	...	...	0.005	0.005	0.005	...	...	...	...	...	0.260	16
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.020	0.005	...	...	...	...	...	0.050	7
„ 7,	...	...	...	...	...	0.010	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	5
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	0.040	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.055	7
„ 10,	...	...	...	...	0.045	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.080	4
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	4
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.005	...	0.005	0.010	0.050	0.045	0.090	0.080	0.045	0.040	0.030	0.030	0.010	0.010	...	...	0.030	0.025	0.020	0.030	0.010	...	0.005	0.010	0.580	55

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF FEBRUARY, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Feb. 1	32	18	32	13	32	12	32	14	32	12	32	12	32	15	32	21	32	14	32	16	32	13	1	17	1	19	1	21	32	17	32	17	32	17	32	15	32	14	1	15	1	21	1	23	32	22	1	19	397	16.5	32
" 2	32	22	32	21	1	19	32	19	1	18	32	20	1	17	32	13	1	13	2	13	4	16	7	15	8	16	10	12	9	12	9	14	8	14	7	14	5	10	6	10	4	10	5	11	6	17	6	20	366	15.2	4
" 3	7	21	6	17	6	16	7	18	6	13	5	16	4	12	5	10	6	12	8	14	9	15	10	15	10	10	10	9	9	11	9	12	9	7	9	9	9	11	9	14	8	13	6	11	6	12	6	17	315	13.1	7
" 4	7	15	7	23	7	23	7	24	7	22	7	20	7	14	8	13	7	22	7	25	8	26	7	21	7	20	8	18	8	18	8	15	8	15	9	13	8	6	...	1	30	6	29	5	27	7	25	6	378	15.8	7
" 5	...	0	...	0	...	1	...	0	...	0	6	2	...	1	...	1	...	0	7	5	9	10	9	15	9	17	9	18	10	14	7	15	7	17	6	20	7	21	6	23	6	31	7	28	7	33	7	35	307	12.8	7
" 6	7	35	7	33	8	32	8	29	8	24	7	23	8	23	8	22	7	22	9	21	9	22	9	24	9	23	9	28	9	25	9	23	9	20	10	22	7	22	7	21	7	24	7	24	7	20	8	20	582	24.2	8
" 7	8	25	7	23	8	23	8	24	7	23	7	18	9	17	10	11	3	3	30	2	...	0	9	2	9	2	9	4	...	1	...	0	7	6	28	5	27	2	3	2	12	3	7	9	8	8	8	6	219	9.1	8
" 8	8	3	8	2	8	2	...	0	5	2	...	1	...	1	...	0	23	3	25	3	14	7	10	18	10	18	9	20	9	22	10	20	8	14	7	16	7	18	7	21	7	21	7	17	7	21	7	23	273	11.4	8
" 9	6	27	6	21	7	17	5	18	7	19	7	25	7	24	8	25	7	26	7	25	7	26	8	28	8	22	9	20	9	22	7	24	7	24	7	28	7	23	8	28	7	27	7	26	7	29	7	31	585	24.4	7
" 10	7	33	8	31	8	31	7	24	7	19	8	25	9	21	9	22	8	22	8	25	8	24	9	25	9	19	10	20	9	16	9	16	9	20	8	17	10	14	10	9	8	17	10	7	10	2	...	1	461	19.2	8
" 11	7	9	7	8	7	3	7	7	9	3	6	6	5	6	6	6	6	3	7	8	10	5	9	10	9	16	10	17	9	17	9	14	10	13	10	11	8	8	11	2	11	3	8	15	7	20	10	18	228	9.5	8
" 12	9	20	10	13	10	8	10	12	6	5	32	8	4	2	4	2	1	3	5	6	7	10	9	12	11	9	9	10	9	15	9	19	9	17	8	18	8	18	8	14	8	17	8	16	9	14	8	10	278	11.6	8
" 13	9	11	8	7	32	11	32	5	2	5	2	8	3	5	1	8	1	6	11	5	13	8	10	13	10	13	10	12	8	18	8	17	8	18	10	16	7	14	7	13	7	15	7	13	7	16	7	20	277	11.5	7
" 14	6	18	7	18	7	18	7	13	7	15	4	15	3	11	2	6	5	11	8	11	10	12	11	9	9	7	10	5	8	7	8	8	8	9	25	2	8	11	9	14	7	13	7	13	6	10	7	9	265	11.0	7
" 15	8	13	7	17	7	21	7	19	6	22	6	21	7	21	7	21	7	20	8	19	8	19	9	22	9	19	9	20	8	24	10	24	10	23	9	21	7	16	7	13	7	15	7	17	7	15	8	10	452	18.8	8
" 16	6	12	6	18	6	20	7	22	6	16	11	9	11	11	10	6	9	11	9	12	8	15	9	14	7	14	8	7	24	8	25	8	27	4	27	3	29	5	25	12	24	8	27	7	1	7	2	11	260	10.8	6
" 17	32	8	1	10	32	8	...	1	...	1	32	4	32	4	3	4	32	4	32	2	13	2	10	7	10	7	10	6	9	6	9	10	9	16	8	18	7	16	7	12	8	8	10	12	7	13	9	9	188	7.8	7
" 18	10	10	9	12	8	11	9	11	10	12	9	12	9	17	8	11	7	11	10	9	9	13	11	11	11	10	9	16	9	19	9	18	7	16	8	13	8	3	...	1	8	10	10	7	13	7	12	11	274	11.4	9
" 19	9	12	7	22	7	22	7	19	7	16	8	16	7	20	7	26	7	28	8	27	7	27	7	28	9	22	10	25	9	19	9	20	9	17	9	19	8	21	9	18	8	17	8	13	10	12	10	9	475	19.8	8
" 20	11	12	10	16	8	17	9	16	9	10	9	6	9	4	9	9	9	16	8	17	8	20	9	15	9	18	8	19	9	17	9	16	9	17	8	16	8	13	8	12	8	9	8	11	8	11	9	10	333	13.9	9
" 21	8	14	8	16	7	26	6	31	7	42	7	37	7	36	8	32	8	32	7	26	8	30	7	27	7	23	7	20	7	21	7	23	7	27	7	24	7	23	7	26	7	24	6	27	7	25	7	28	643	26.8	7
" 22	7	26	7	29	7	21	7	21	7	23	7	25	7	21	7	23	8	27	7	25	6	26	7	23	7	19	9	22	7	21	8	16	7	18	8	17	7	12	7	11	9	12	9	14	8	14	8	13	488	20.3	7
" 23	10	14	10	11	9	12	9	15	9	11	9	11	9	10	9	14	8	19	8	17	8	14	8	18	9	21	8	14	9	5	9	9	7	5	7	3	...	1	...	1	...	0	4	3	8	3	...	0	231	9.6	9
" 24	8	3	8	5	8	4	...	1	...	1	...	0	13	2	...	0	5	2	9	2	8	4	8	11	8	10	8	10	6	7	8	9	8	4	4	7	7	14	9	15	7	25	6	22	6	23	5	19	200	8.3	7
" 25	5	15	6	12	9	16	8	21	7	20	7	22	7	21	7	26	7	26	7	23	7	26	7	27	7	27	8	28	8	29	8	28	7	27	6	24	6	23	7	20	6	24	6	23	6	23	6	22	556	23.2	7
" 26	7	25	6	31	7	32	7	30	7	27	6	25	6	21	7	21	7	21	7	26	7	32	7	27	7	26	7	22	7	27	6	26	7	26	7	22	6	25	5	18	6	19	7	16	7	17	6	20	588	24.5	7
" 27	6	19	7	21	7	23	6	23	6	28	7	27	7	25	7	27	7	28	7	32	7	32	7	31	7	31	7	30	8	30	7	29	7	26	7	27	7	24	6	24	6	23	7	23	7	21	7	19	623	26.0	7
" 28	7	24	7	25	7	26	7	26	7	22	7	18	7	20	6	23	7	24	7	20	8	20	8	21	9	18	8	17	8	25	8	34	7	23	7	25	7	25	6	24	6	24	6	27	7	28	7	25	564	23.5	7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	464	...	475	...	481	...	469	...	431	...	433	...	408	...	403	...	429	...	436	...	474	...	506	...	476	...	470	...	473	...	484	...	460	...	445	...	413	...	394	...	439	...	440	...	450	...	453	10806	450.2	..
Means,	...	16.6	...	17.0	...	17.2	...	16.7	...	15.4	...	15.5	...	14.6	...	14.4	...	15.3	...	15.6	...	16.9	...	18.1	...	17.0	...	16.8	...	16.9	...	17.3	...	16.4	...	15.9	...	14.8	...	14.1	...	15.7	...	15.7	...	16.1	...	16.2	385.9	16.1	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
Feb. 1, ...	10	str-cum.	...	10	str-cum.	...	4	cum.	N	0	...	...
„ 2, ...	0	...	...	0	...	...	0	...	...	4	sm-cum.	SSE
„ 3, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	9	sm-cum.	S
„ 4, ...	10	cum.	...	10	cum.	...	10	nim.	...	10	cum-nim.	E
„ 5, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	...
„ 6, ...	10	cum-nim.	E	10	cum.	E	7	sm-cum.	SSW	10	str-cum.	E
„ 7, ...	10	cum-nim.	...	10	cum.	...	10	nim.	E	10	nim.	...
„ 8, ...	9	str-cum.	...	8	cum.	...	8	sm-cum.	...	2	cum.	E
„ 9, ...	10	cum-nim.	...	10	nim.	...	10	nim.	E	10	str-cum.	E
„ 10, ...	10	cum-nim.	...	10	nim.	...	5	sm-cum.	SSE	9	sm-cum. / cum.	SSE / E
„ 11, ...	10	cum.	...	10	str-cum.	...	10	sm-cum.	E	2	sm-cum.	E
„ 12, ...	5	cum.	...	9	str-cum.	...	10	str-cum.	...	10	str.	...
„ 13, ...	10	str-cum.	...	9	cum.	...	2	sm-cum.	...	0	...	...
„ 14, ...	9	str-cum.	ESE	10	str-cum.	...	9	str-cum.	E	9	str-cum.	ENE
„ 15, ...	4	cum.	...	8	cum.	...	9	sm-cum. / cum.	ENE	6	sm-cum. / cum.	ENE / E
„ 16, ...	4	cum.	...	2	cum.	...	3	sm-cum. / cum.	...	1	sm-cum.	...
„ 17, ...	10	sm-cum.	WNW	10	sm-cum.	...	9	sm-cum.	W	10	sm-cum.	WNW
„ 18, ...	0	...	...	0	...	...	1	cum.	...	2	cum.	...
„ 19, ...	0	...	...	0	...	...	3	c-cum.	...	2	c-cum.	W
„ 20, ...	7	cum.	SE	9	cum.	SE	10	str-cum.	SE	7	sm-cum. / cum.	SE / E
„ 21, ...	10	str-cum.	...	10	str-cum.	E	6	sm-cum. / cum.	E	10	str-cum.	...
„ 22, ...	8	sm-cum.	W	10	cum.	...	9	sm-cum.	...	2	sm-cum.	W
„ 23, ...	5	sm-cum.	W	0	...	...	0	...	...	1	cum.	E
„ 24, ...	0	...	...	8	sm-cum.	W	3	sm-cum.	W	5	c-cum. / cum.	WNW / ..
„ 25, ...	10	str-cum.	E	10	cum.	E	8	sm-cum. / cum.	E	8	sm-cum. / cum.	WNW / E
„ 26, ...	4	cum.	E	4	cum.	E	9	str-cum.	E	9	sm-cum. / cum.	W / E
„ 27, ...	10	cum-nim.	E	10	nim.	...	10	cum-nim.	ENE	8	c-cum. / cum.	W / E
„ 28, ...	10	cum-nim.	E	10	str-cum.	E	10	cum.	E	10	str-cum.	E
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.3	...	...	7.8	...	...	7.0	...	...	6.3	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
Feb. 1,...	0	...	...	0	...	...	0	...	...	0	...	...	3.0
„ 2,...	9	sm-cum.	SSE	10	sm-cum.	SSE	10	str-cum.	...	10	str-cum.	...	5.4
„ 3,...	10	str-cum.	...	10	sm-cum.	SSE	10	sm-cum.	...	10	R-cum.	...	9.9
„ 4,...	10	str-cum.	E	10	nim.	E	10	nim.	...	10	nim.	...	10.0
„ 5,...	10	nim.	...	10	nim.	E	10	nim.	E	1	cum.	...	8.9
„ 6,...	9	sm-cum. / cum.	E	10	nim.	E	10	nim.	E	9	str-cum.	E	9.4
„ 7,...	9	str-cum.	E	9	str-cum.	ESE	1	sm-cum.	...	4	cum.	E	7.9
„ 8,...	10	sm-cum. / cum.	E	10	str-cum.	E	10	str-cum.	E	10	str-cum.	E	8.4
„ 9,...	6	sm-cum. / cum.	S / E	7	cum.	E	7	cum.	E	9	cum.	E	8.6
„ 10,...	9	sm-cum. / cum.	SSE / E	9	sm-cum. / cum.	SSE / E	5	cum.	E	4	str-cum.	...	7.6
„ 11,...	1	cum.	...	0	...	...	0	...	...	1	sm-cum.	...	4.2
„ 12,...	7	sm-cum.	ESE	9	sm-cum.	ESE	10	str-cum.	...	10	str-cum.	...	8.8
„ 13,...	0	...	...	1	sm-cum.	...	0	...	...	1	cum.	...	2.9
„ 14,...	0	...	...	0	...	...	0	...	...	0	...	...	4.6
„ 15,...	0	...	...	0	...	...	0	...	...	6	sm-cum.	SSW	4.1
„ 16,...	0	...	...	9	sm-cum.	W	5	sm-cum.	WNW	9	sm-cum.	WNW	4.1
„ 17,...	8	sm-cum.	W	4	sm-cum.	W	0	...	...	0	...	...	6.4
„ 18,...	1	cum.	...	0	...	...	0	...	...	0	...	...	0.5
„ 19,...	4	c-cum. / sm-cum.	S	4	c-cum.	W	1	c-str. / sm-cum.	...	1	sm-cum.	SSE	1.9
„ 20,...	7	c-cum. / sm-cum.	WSW	9	sm-cum.	WSW	9	sm-cum.	WSW	9	sm-cum.	WSW	8.4
„ 21,...	9	sm-cum. / cum.	W / E	8	c-cum. / sm-cum.	WNW / W	9	sm-cum.	W	9	sm-cum. / cum.	W / E	8.9
„ 22,...	0	...	...	0	...	...	0	...	...	7	c-cum. / cum.	W / E	4.5
„ 23,...	1	cum.	...	1	cum.	...	0	...	...	0	...	...	1.0
„ 24,...	3	cum.	...	1	sm-cum.	...	0	...	...	1	cum.	...	2.6
„ 25,...	7	sm-cum.	WNW	0	...	...	1	sm-cum.	...	1	sm-cum.	...	5.6
„ 26,...	4	sm-cum. / cum.	ESE	2	cum.	E	1	cum.	E	10	cum-nim.	E	5.4
„ 27,...	1	cum.	E	1	cum.	E	10	cum-nim.	E	10	nim.	E	7.5
„ 28,...	10	str-cum.	E	7	sm-cum. / cum.	SSW / E	8	str-cum.	E	10	str-cum.	E	9.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.2	...	...	5.0	...	...	4.5	...	...	5.4	...	...	6.1

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF FEBRUARY, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	4.36	14.32	0.86	0.00	+3.50	+14.32	E 14° N
2 „	4.46	15.04	0.61	0.00	3.85	15.04	E 14° N
3 „	3.93	15.25	0.29	0.00	3.64	15.25	E 13° N
4 „	4.07	14.96	0.46	0.00	3.61	14.96	E 14° N
5 „	4.14	13.96	0.36	0.00	3.78	13.96	E 15° N
6 „	4.75	12.79	0.36	0.00	4.39	12.79	E 19° N
7 „	4.00	12.61	0.75	0.00	3.25	12.61	E 14° N
8 „	3.43	12.39	0.54	0.00	2.89	12.39	E 13° N
9 „	3.54	13.68	0.21	0.11	3.33	13.57	E 14° N
10 „	2.79	14.21	0.43	0.14	2.36	14.07	E 10° N
11 „	2.25	15.68	1.21	0.00	+1.04	15.68	E 4° N
Noon.	1.96	17.14	2.11	0.00	−0.15	17.14	E 1° S
1 p.	1.79	16.18	2.32	0.00	0.53	16.18	E 2° S
2 „	1.25	15.79	2.61	0.00	1.36	15.79	E 5° S
3 „	1.18	15.86	1.57	0.29	0.39	15.57	E 1° S
4 „	1.68	16.14	1.82	0.29	−0.14	15.85	E 1° S
5 „	2.18	15.43	1.25	0.11	+0.93	15.32	E 3° N
6 „	2.64	14.57	1.11	0.32	1.53	14.25	E 6° N
7 „	3.18	13.68	0.25	0.18	2.93	13.50	E 12° N
8 „	3.07	12.71	0.61	0.43	2.46	12.28	E 11° N
9 „	3.96	14.04	0.21	0.36	3.75	13.68	E 15° N
10 „	4.14	14.04	0.50	0.32	3.64	13.72	E 15° N
11 „	4.21	14.32	0.54	0.21	3.67	14.11	E 15° N
Midt.	3.96	14.46	0.82	0.21	+3.14	+14.25	E 12° N
Means, ...	3.21	14.55	0.91	0.12	+2.30	+14.43	E 9° N

PHENOMENA :—

Lunar corona :—on the 14th and 19th.

Fog :—on the 24th.

Slight fog :—on the 7th, 8th and 23rd.

Unusual visibility :—on the 11th.

Dew :—on the 7th and 23rd

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MARCH, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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.
March 1,...	29.920	29.909	29.867	29.864	29.874	29.890	29.906	29.924	29.916	29.924	29.917	29.891	29.859	29.848	29.829	29.826	29.834	29.825	29.841	29.865	29.886	29.892	29.886	29.891	29.878
„ 2,...	.876	.858	.838	.825	.827	.840	.858	.861	.880	.889	.890	.875	.850	.816	.801	.788	.790	.796	.810	.822	.825	.832	.842	.834	.838
„ 3,...	.813	.777	.749	.743	.764	.771	.792	.808	.823	.838	.822	.802	.773	.746	.729	.734	.741	.748	.773	.785	.803	.808	.809	.791	.781
„ 4,...	.770	.750	.736	.721	.729	.738	.765	.776	.801	.813	.804	.761	.708	.686	.680	.686	.704	.712	.732	.762	.779	.789	.785	.784	.749
„ 5,...	.764	.748	.730	.724	.735	.754	.782	.795	.815	.810	.800	.780	.762	.722	.698	.690	.695	.697	.708	.733	.759	.771	.775	.773	.751
„ 6,...	.769	.764	.757	.756	.760	.788	.808	.839	.857	.877	.875	.860	.826	.810	.791	.792	.781	.788	.802	.817	.831	.835	.842	.843	.811
„ 7,...	.882	.831	.800	.790	.809	.840	.858	.857	.897	.882	.891	.884	.832	.807	.790	.782	.792	.804	.830	.846	.862	.875	.878	.881	.842
„ 8,...	.869	.867	.853	.840	.851	.886	.907	.928	.936	.947	.970	.953	.918	.919	.904	.899	.892	.907	.937	.956	.988	.991	30.004	.990	.921
„ 9,...	.958	.925	.925	.914	.919	.942	.953	.972	.989	.996	.988	.969	.941	.917	.899	.894	.905	.919	.938	.954	.972	.972	29.985	29.995	.948
„ 10,...	.991	.983	.958	.952	.961	.963	30.006	30.025	30.044	30.055	30.052	30.020	30.008	.990	.978	.970	.994	30.014	30.038	30.056	30.084	30.086	30.094	30.097	30.017
„ 11,...	30.084	30.077	30.085	30.079	30.083	30.094	.132	.156	.166	.164	.163	.139	.114	30.090	30.077	30.079	30.078	.085	.103	.121	.145	.152	.164	.169	.117
„ 12,...	.163	.164	.164	.164	.180	.206	.222	.236	.239	.228	.238	.204	.192	.164	.152	.134	.144	.147	.162	.173	.190	.198	.193	.183	.185
„ 13,...	.175	.175	.175	.179	.193	.211	.216	.217	.235	.218	.214	.186	.152	.120	.104	.104	.099	.108	.118	.142	.163	.164	.162	.154	.166
„ 14,...	.138	.125	.126	.119	.131	.130	.163	.183	.188	.188	.192	.155	.100	.075	.045	.038	.053	.061	.074	.097	.115	.124	.118	.104	.118
„ 15,...	.082	.070	.059	.049	.058	.077	.100	.107	.112	.108	.104	.081	.060	.043	.027	.009	.026	.035	.044	.058	.079	.082	.063	.078	.067
„ 16,...	.066	.050	.023	.025	.027	.045	.059	.065	.065	.057	.054	.034	29.999	29.980	29.964	29.956	29.961	29.971	29.986	.005	.020	.041	.044	.043	.023
„ 17,...	.032	29.986	29.986	29.970	29.970	29.989	.016	.029	.042	.050	.046	.017	.982	.943	.919	.914	.920	.923	.933	29.954	29.969	29.969	.974	.980	29.980
„ 18,...	29.966	.958	.944	.949	.959	.964	29.977	29.986	.000	.008	.000	29.972	.938	.903	.884	.878	.884	.899	.926	.949	.967	.970	.977	.982	.952
„ 19,...	.964	.961	.946	.945	.937	.963	.982	30.007	.024	.017	.010	.986	.962	.940	.926	.925	.948	.959	.977	.999	30.007	30.010	30.021	30.018	.976
„ 20,...	30.017	30.003	.991	.995	.995	30.014	30.039	.048	.067	.077	.069	30.053	30.021	.997	.971	.952	.964	.967	.982	.999	.020	.029	.035	.021	30.014
„ 21,...	.011	29.975	.965	.958	.966	29.978	.000	.010	29.991	.013	.026	.000	29.970	.928	.906	.910	.904	.920	.926	.951	29.946	29.964	29.968	29.965	29.965
„ 22,...	29.965	.952	.942	.931	.943	.943	29.953	29.960	.938	29.954	29.943	29.921	.898	.875	.855	.846	.843	.858	.875	.885	.899	.911	.913	.908	.913
„ 23,...	.892	.892	.860	.862	.864	.857	.879	.905	.913	.911	.900	.872	.840	.808	.788	.778	.779	.791	.803	.817	.843	.850	.854	.864	.851
„ 24,...	.851	.836	.826	.817	.816	.833	.858	.872	.877	.876	.886	.870	.828	.804	.778	.778	.781	.791	.804	.818	.842	.847	.862	.865	.834
„ 25,...	.867	.857	.858	.857	.867	.884	.890	.906	.914	.918	.914	.899	.871	.846	.826	.830	.836	.851	.861	.879	.900	.907	.913	.907	.877
„ 26,...	.898	.895	.886	.875	.888	.904	.930	.942	.958	.957	.957	.937	.918	.893	.875	.868	.871	.878	.898	.910	.919	.925	.905	.912	.908
„ 27,...	.898	.901	.864	.878	.913	.933	.965	.988	.993	.993	.979	.960	.936	.908	.892	.886	.892	.902	.915	.923	.941	.954	.960	.957	.930
„ 28,...	.955	.950	.951	.952	.963	.981	30.011	30.038	30.063	30.073	30.059	30.037	30.004	.975	.956	.943	.958	.962	.973	.988	30.014	30.018	30.013	30.007	.993
„ 29,...	.987	.967	.950	.950	.954	.974	29.997	.013	.020	.014	.004	29.977	29.948	.915	.900	.893	.898	.898	.904	.923	29.943	29.951	29.959	29.951	.954
„ 30,...	.935	.929	.918	.895	.912	.931	.954	29.977	29.986	29.981	29.970	.953	.922	.893	.891	.885	.899	.909	.934	.950	.971	.972	.962	.947	.937
„ 31,...	.931	.919	.900	.886	.886	.894	.908	.922	.918	.908	.899	.875	.853	.834	.834	.817	.811	.823	.842	.874	.893	.900	.902	.890	.880
Means,.....	29.951	29.937	29.924	29.918	29.927	29.942	29.964	29.979	29.989	29.992	29.988	29.965	29.935	29.910	29.893	29.887	29.893	29.902	29.918	29.936	29.954	29.961	29.963	29.961	29.941

TABLE II.

TEMPERATURE FOR THE MONTH OF MARCH, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	59.8	59.5	59.3	59.4	59.5	59.6	59.6	59.8	60.1	60.7	60.2	61.8	62.3	62.4	60.7	61.5	61.3	61.2	61.3	61.7	61.6	62.4	62.2	62.4	60.8	62.9	59.1
„ 2,	62.8	62.7	62.4	62.3	62.5	62.6	63.0	63.3	63.9	63.6	64.4	66.2	67.5	67.1	67.4	66.1	65.7	64.9	65.2	64.9	64.6	65.6	65.4	66.5	64.6	67.9	61.7
„ 3,	67.0	66.1	65.9	65.9	66.8	67.2	68.0	69.2	71.1	73.3	76.7	78.9	76.8	75.7	75.1	75.0	74.7	72.1	71.6	70.0	72.1	70.6	70.4	69.2	71.2	79.2	65.4
„ 4,	69.3	69.5	69.2	69.4	70.7	69.6	69.6	72.9	74.1	72.9	71.2	71.0	70.6	69.6	65.0	64.8	65.4	64.5	64.4	63.8	63.7	63.6	63.6	63.5	68.0	74.6	63.2
„ 5,	63.3	63.2	63.0	62.4	61.7	61.5	61.3	61.3	61.4	61.8	62.0	62.7	62.8	61.6	61.6	61.5	60.7	60.9	61.6	62.7	63.7	64.2	63.8	64.5	62.3	64.5	60.6
„ 6,	63.4	62.8	62.8	62.6	62.3	62.2	61.9	61.8	61.6	62.4	62.3	63.3	64.0	62.6	62.5	62.1	61.8	61.6	61.7	61.8	61.9	62.4	62.9	63.2	62.4	64.6	61.3
„ 7,	63.3	64.6	64.5	63.6	63.3	63.7	64.6	63.7	65.2	64.6	67.7	69.9	71.1	69.4	66.7	66.8	65.9	66.0	66.1	65.3	64.1	63.6	63.6	63.4	65.4	72.0	62.5
„ 8,	63.2	62.9	63.3	62.9	62.6	60.5	59.8	60.3	61.2	61.8	58.7	59.2	59.5	57.8	57.3	57.4	57.3	57.0	55.9	54.9	54.3	54.0	55.0	53.8	58.8	64.0	53.8
„ 9,	54.2	54.8	54.0	54.2	53.4	52.8	53.6	54.3	54.7	54.8	54.2	56.0	55.2	54.8	55.3	54.2	53.9	53.1	52.1	51.6	52.4	51.6	51.4	51.0	53.6	56.0	51.0
„ 10,	50.4	49.6	50.7	50.1	50.9	50.8	51.1	51.4	51.8	52.2	52.1	53.4	54.7	54.4	55.6	55.3	54.9	54.3	54.2	54.3	54.3	53.9	53.4	53.5	52.8	55.8	49.6
„ 11,	53.3	53.1	52.9	52.5	52.3	52.1	51.7	53.6	56.6	58.4	59.0	59.9	61.0	61.0	60.2	59.3	58.2	58.1	57.8	57.9	57.7	57.8	58.5	58.6	56.7	62.5	51.3
„ 12,	57.4	56.8	56.5	56.1	55.5	55.3	55.8	57.3	58.6	59.2	60.1	61.2	61.4	61.6	61.0	60.8	59.9	60.0	60.4	60.3	60.1	59.5	58.9	58.4	58.8	61.6	54.4
„ 13,	58.2	57.5	57.4	57.3	57.2	56.7	57.2	57.7	58.7	59.6	60.7	60.6	63.5	61.4	62.2	62.3	60.9	60.8	60.7	60.9	61.6	61.7	61.6	61.3	59.9	63.5	56.7
„ 14,	61.2	60.8	61.1	61.1	60.7	60.8	60.0	60.3	60.9	61.7	64.6	66.0	69.2	69.6	69.2	70.2	66.7	65.1	63.4	62.1	61.6	61.2	61.2	60.6	63.3	71.6	59.7
„ 15,	61.4	61.0	61.6	61.0	60.6	60.5	60.6	63.0	63.0	63.9	65.1	65.3	64.5	64.5	64.5	65.8	64.0	62.4	62.2	62.2	61.9	61.6	61.0	61.5	62.6	65.8	60.2
„ 16,	61.2	59.3	59.5	60.5	60.5	60.0	59.7	60.3	61.8	63.8	63.9	64.9	65.8	64.3	62.7	62.1	62.3	62.0	61.6	61.4	61.6	61.2	62.2	60.7	61.8	65.8	59.2
„ 17,	60.8	59.9	59.9	60.0	60.4	60.3	60.5	60.1	61.4	62.8	63.6	63.2	65.9	65.3	65.2	65.0	63.9	62.2	62.2	62.0	61.7	61.8	61.8	61.4	62.1	66.1	59.8
„ 18,	60.9	60.7	59.9	60.0	59.9	60.1	59.9	60.3	62.3	63.4	63.9	65.7	64.4	65.0	63.9	63.8	61.9	61.0	60.6	60.7	60.7	60.7	60.8	60.9	61.7	66.2	59.7
„ 19,	61.3	60.9	59.9	60.0	60.2	60.5	60.6	61.1	62.3	63.6	64.1	64.8	64.9	65.1	65.3	64.3	63.9	63.1	63.0	63.4	63.3	62.2	61.1	59.6	62.4	66.5	59.6
„ 20,	59.3	59.3	59.5	59.4	59.7	60.3	60.8	60.9	61.6	63.7	65.2	66.7	64.0	63.1	63.8	63.2	62.6	62.1	61.6	60.8	60.7	60.7	60.4	60.4	61.7	66.7	59.3
„ 21,	60.2	60.3	60.0	59.6	60.1	60.5	60.4	60.8	61.5	62.7	64.6	64.3	62.8	62.5	62.3	63.3	62.3	63.0	62.3	62.4	63.3	62.4	62.7	63.0	62.0	65.0	59.6
„ 22,	62.6	62.2	62.3	62.4	62.3	62.2	61.9	63.2	64.4	66.5	68.8	68.8	68.8	68.7	68.3	67.1	66.5	66.4	66.3	66.5	66.9	66.9	67.0	66.8	65.6	69.4	61.6
„ 23,	66.5	66.6	66.4	66.2	65.7	65.3	66.2	68.4	71.2	73.8	74.0	74.6	77.3	74.6	75.9	73.5	73.3	71.1	69.6	70.8	69.1	70.2	69.4	68.6	70.3	77.3	65.0
„ 24,	68.6	68.0	68.3	68.4	69.8	71.5	71.5	72.7	75.2	72.0	69.9	70.4	69.8	69.6	69.6	68.9	68.1	66.9	66.4	66.2	65.9	66.3	66.5	65.8	69.0	75.2	65.8
„ 25,	65.7	65.3	64.7	63.6	62.9	62.6	63.3	64.6	65.8	66.9	68.5	70.2	69.0	68.7	67.9	67.2	65.8	64.9	64.4	64.1	63.8	64.1	64.3	64.4	65.5	70.2	62.1
„ 26,	64.3	64.4	64.2	63.8	63.9	63.6	63.9	64.2	64.4	66.0	67.3	66.6	66.7	67.8	67.8	65.9	65.5	65.4	65.6	65.7	65.7	65.5	65.4	64.6	65.3	68.2	63.6
„ 27,	64.8	65.3	64.7	64.6	64.5	63.0	62.7	63.0	64.5	65.2	67.5	67.9	70.2	69.3	69.2	72.1	71.5	71.0	69.3	68.0	66.6	66.0	65.1	68.7	66.9	73.1	62.5
„ 28,	69.0	68.4	67.9	67.8	67.1	65.6	66.9	69.9	71.7	72.3	72.7	71.0	71.2	71.6	71.0	69.2	69.9	67.8	66.1	65.0	63.9	64.0	63.0	62.1	68.1	73.3	62.1
„ 29,	61.8	61.4	61.2	60.7	61.8	61.7	63.0	65.7	67.4	68.2	68.0	68.9	68.7	68.9	69.0	68.2	66.9	66.1	65.4	64.8	63.7	64.5	63.2	63.7	65.1	69.4	60.4
„ 30,	63.6	63.2	63.0	63.1	63.7	63.8	65.0	66.7	68.0	69.2	69.9	70.1	71.0	70.0	69.4	70.2	70.2	67.8	67.0	66.1	66.8	65.9	65.5	65.1	66.8	71.5	62.3
„ 31,	65.6	65.0	65.5	65.0	64.6	64.2	65.8	67.1	69.9	72.2	71.7	72.7	70.4	69.1	69.0	69.8	69.1	67.9	67.5	67.1	66.3	65.1	65.3	64.5	67.5	73.4	64.0
Means,	62.1	61.8	61.7	61.5	61.5	61.3	61.6	62.5	63.8	64.6	65.2	66.0	66.3	65.7	65.3	65.1	64.4	63.6	63.1	62.9	62.8	62.6	62.5	62.3	63.3	67.9	59.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF MARCH, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Mar. 1,...	57.4	57.3	57.5	57.4	57.4	57.3	57.7	57.9	58.5	58.9	58.8	59.5	59.9	59.7	59.3	60.1	60.2	60.3	60.9	61.2	61.3	61.6	61.8	62.0	59.3	125.3
„ 2,...	62.5	62.5	62.3	62.3	62.3	62.5	62.9	63.1	62.9	62.7	62.7	63.6	64.7	64.2	64.7	64.1	64.5	64.0	64.6	64.3	64.2	65.5	65.3	66.3	63.7	138.4
„ 3,...	66.8	66.1	65.8	65.8	66.5	66.9	67.1	68.1	69.0	69.7	70.7	71.9	70.7	69.9	70.0	70.1	70.0	69.2	69.1	68.6	69.3	69.0	68.9	68.4	68.6	138.1
„ 4,...	68.6	69.0	68.5	68.4	68.8	68.2	68.2	70.0	70.0	69.9	69.3	68.3	67.7	67.6	63.4	63.0	63.6	62.7	62.7	62.7	62.6	62.5	62.5	62.3	66.3	104.2
„ 5,...	62.6	62.8	62.4	61.9	61.4	60.9	60.6	60.7	60.6	60.4	60.7	61.4	61.0	61.2	60.5	60.6	60.5	60.7	61.2	62.1	63.3	63.7	63.6	64.1	61.6	97.8
„ 6,...	63.4	62.7	62.5	62.4	62.3	62.0	61.6	61.5	61.0	61.7	61.5	61.9	62.6	61.5	61.3	61.7	61.7	61.5	61.6	61.7	61.9	62.4	62.8	63.2	62.0	116.2
„ 7,...	63.1	64.2	64.3	63.3	63.1	63.4	64.4	63.6	65.0	64.6	67.3	68.5	68.7	67.5	65.5	65.6	65.0	65.1	65.0	64.6	63.8	63.2	63.2	62.7	64.8	132.6
„ 8,...	62.0	61.8	61.9	61.0	60.3	59.2	58.7	59.1	59.7	58.7	56.7	58.1	57.2	57.3	56.6	56.1	55.4	55.3	54.0	53.5	53.3	52.2	52.8	52.6	57.2	77.9
„ 9,...	52.9	52.7	52.3	52.4	51.8	51.6	52.2	52.4	52.9	52.0	52.0	52.8	52.1	51.6	51.7	51.1	50.8	50.1	49.6	49.3	49.6	49.8	49.6	48.5	51.3	75.6
„ 10,...	48.8	48.4	48.4	48.0	48.1	47.5	47.0	47.5	47.3	47.4	48.1	49.6	50.6	49.5	50.4	49.3	49.0	48.6	48.6	48.1	47.9	47.3	47.5	47.6	48.4	94.8
„ 11,...	47.2	47.0	47.1	47.0	46.1	45.5	45.6	46.9	49.1	50.2	50.6	51.9	52.4	53.0	53.0	53.1	52.1	52.3	52.4	52.8	52.6	53.6	54.2	54.1	50.4	128.5
„ 12,...	53.5	53.4	52.2	50.9	50.8	50.5	50.4	51.3	51.8	52.4	52.8	51.9	52.2	53.0	52.6	54.6	53.7	54.1	54.8	54.6	54.8	54.4	54.3	54.3	52.9	118.0
„ 13,...	53.6	52.5	52.4	52.0	51.7	51.3	51.7	51.8	53.1	54.6	55.7	55.9	55.2	55.0	55.5	56.0	55.7	56.6	56.7	57.3	56.7	56.6	56.9	56.5	54.6	118.3
„ 14,...	56.6	56.6	56.5	56.5	56.4	56.1	56.8	57.0	57.1	57.6	58.6	59.2	60.6	61.2	60.8	61.4	61.7	60.6	59.6	59.7	59.8	59.0	58.6	57.5	58.6	125.1
„ 15,...	57.0	56.7	57.0	56.6	56.8	56.5	57.0	58.0	58.9	59.8	60.1	59.9	60.1	61.5	60.1	60.2	59.8	59.3	59.2	59.4	59.0	59.1	58.0	57.9	58.7	129.5
„ 16,...	57.8	57.1	57.3	57.5	57.4	56.7	56.6	57.0	58.0	59.1	59.1	59.3	59.9	58.8	58.7	58.1	58.8	58.6	58.4	58.0	58.5	58.9	58.8	58.1	58.2	126.9
„ 17,...	58.2	57.4	57.2	56.5	56.2	56.0	55.8	57.3	58.5	57.9	58.6	58.1	60.0	60.1	60.1	60.5	60.1	59.3	59.4	59.4	59.1	59.2	58.9	58.6	58.4	130.3
„ 18,...	58.1	57.6	57.8	57.9	58.2	58.3	58.3	58.4	59.1	59.6	59.8	61.0	59.7	59.9	59.8	59.1	58.2	57.9	57.7	57.6	56.6	55.8	56.0	56.3	58.3	126.8
„ 19,...	56.6	55.8	56.4	56.4	56.1	57.1	57.3	57.4	57.1	57.7	57.6	57.8	58.1	58.6	59.2	59.4	59.0	58.9	58.8	59.3	59.4	57.7	56.7	55.1	57.6	130.9
„ 20,...	54.5	53.2	53.3	53.7	53.1	51.8	51.8	51.3	50.0	53.0	53.2	55.1	53.2	52.8	53.4	55.0	54.2	54.8	55.7	56.8	56.7	56.9	57.0	56.7	54.1	131.9
„ 21,...	56.6	56.4	56.5	56.1	56.4	56.6	56.2	56.6	57.3	57.3	57.8	57.8	57.6	57.7	57.3	58.9	58.2	59.9	58.6	59.9	60.2	60.0	60.3	60.4	57.9	106.6
„ 22,...	59.3	59.0	59.0	59.0	58.8	58.6	58.6	59.8	60.3	60.5	61.6	61.8	62.0	61.9	61.5	61.5	61.0	60.3	60.2	60.6	60.8	61.1	61.4	61.3	60.4	130.5
„ 23,...	61.6	61.9	61.6	61.4	61.8	61.6	62.1	63.6	65.4	66.1	67.0	67.3	68.9	68.0	68.2	67.1	67.1	66.1	65.5	65.8	65.1	65.8	65.6	65.4	65.0	137.3
„ 24,...	65.4	65.2	64.9	64.7	63.8	62.5	62.8	63.5	63.7	64.2	63.4	64.0	63.7	63.6	63.5	63.8	64.1	63.9	63.7	63.7	63.8	64.2	64.1	63.9	63.9	130.0
„ 25,...	63.5	62.6	61.2	60.5	59.6	58.5	58.9	59.9	60.4	60.9	61.1	61.8	60.8	61.2	62.0	62.2	61.9	61.7	61.6	61.5	61.5	61.7	62.2	61.8	61.2	126.5
„ 26,...	61.6	61.7	61.7	59.6	56.9	56.6	56.9	57.2	56.7	57.3	59.6	56.8	56.6	56.0	55.1	57.8	58.9	59.5	60.4	60.5	60.9	60.7	61.0	60.9	58.8	128.6
„ 27,...	61.2	61.3	61.1	60.8	60.8	59.5	58.7	58.6	59.6	60.3	62.4	62.8	63.1	63.9	64.1	63.8	61.9	61.8	61.4	61.1	61.5	61.1	60.1	56.0	61.1	127.6
„ 28,...	56.0	54.3	54.4	54.2	55.2	54.1	53.7	54.7	55.8	57.2	57.3	57.8	56.1	54.7	54.1	57.2	55.1	55.1	55.9	57.1	57.3	55.8	55.2	56.4	55.6	132.7
„ 29,...	56.0	56.5	56.1	55.8	56.0	56.4	57.1	59.0	59.9	60.2	61.1	61.9	61.9	61.7	61.8	61.5	61.1	60.2	60.4	59.5	59.8	59.6	59.9	59.4	59.3	140.2
„ 30,...	59.5	59.6	59.7	60.3	60.8	61.0	61.6	62.8	63.0	63.4	64.0	63.8	64.0	63.2	63.0	63.0	62.1	62.8	63.1	63.0	62.2	62.1	60.9	61.1	62.1	127.8
„ 31,...	62.0	61.8	62.0	61.8	61.5	61.6	62.1	63.9	64.7	65.7	64.8	65.2	64.6	63.9	63.1	62.2	62.1	63.1	62.9	62.6	61.9	61.2	60.8	61.0	62.8	128.3
Means,.....	58.8	58.6	58.4	58.1	57.9	57.6	57.8	58.4	58.9	59.4	59.8	60.2	60.2	60.0	59.7	59.9	59.6	59.5	59.5	59.6	59.5	59.4	59.3	59.0	59.1	122.0

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MARCH, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	81	0.460	March 1,.....	91	0.487
2 „	82	.457	„ 2,.....	95	.579
3 „	81	.453	„ 3,.....	87	.665
4 „	80	.446	„ 4,.....	91	.625
5 „	80	.441	„ 5,.....	96	.541
6 „	80	.433	„ 6,.....	98	.552
7 „	78	.435	„ 7,.....	97	.606
8 „	77	.442	„ 8,.....	90	.449
9 „	73	.440	„ 9,.....	84	.349
10 „	72	.445	„ 10,.....	71	.283
11 „	71	.450	„ 11,.....	61	.284
Noon.	69	.452	„ 12,.....	65	.324
1 p.	68	.448	„ 13,.....	69	.357
2 „	70	.449	„ 14,.....	74	.431
3 „	71	.444	„ 15,.....	78	.444
4 „	72	.454	„ 16,.....	79	.439
5 „	74	.454	„ 17,.....	79	.442
6 „	78	.461	„ 18,.....	80	.444
7 „	80	.468	„ 19,.....	73	.413
8 „	81	.474	„ 20,.....	58	.319
9 „	81	.472	„ 21,.....	77	.427
10 „	82	.472	„ 22,.....	72	.457
11 „	82	.471	„ 23,.....	74	.548
Midt.	81	.463	„ 24,.....	75	.528
			„ 25,.....	77	.485
			„ 26,.....	66	.411
			„ 27,.....	70	.463
			„ 28,.....	41	.278
			„ 29,.....	69	.429
			„ 30,.....	75	.497
			„ 31,.....	76	.511
Means,.....	77	0.454	Means.	77	0.454

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.
1894.														
March 1,.....	...	...	...	...	...	...	0.4	0.7	...	...	...	...	...	1.1
„ 2,.....	...	...	...	...	...	0.3	0.9	0.7	0.8	0.4	0.2	...	...	3.3
„ 3,.....	...	...	0.3	0.8	0.8	0.9	1.0	0.7	0.4	0.7	0.3	...	...	5.9
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	0.1	0.1	...	...	...	...	...	0.2
„ 7,.....	...	...	...	...	...	0.1	0.4	0.9	0.3	...	...	...	...	1.7
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	0.6	0.1	0.4	1.0	0.9	0.8	0.6	1.0	...	5.4
„ 12,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.9
„ 13,.....	...	...	...	0.6	1.0	0.9	0.7	1.0	1.0	1.0	1.0	0.3	...	7.5
„ 14,.....	...	...	...	...	...	...	0.2	0.4	1.0	1.0	1.0	...	...	3.6
„ 15,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	0.6	...	...	...	...	...	6.1
„ 16,.....	...	...	...	0.4	0.7	0.9	0.5	...	0.3	...	...	...	...	2.8
„ 17,.....	...	...	...	...	0.6	0.1	0.8	1.0	1.0	0.3	...	...	...	3.8
„ 18,.....	...	...	0.1	0.5	0.4	0.7	1.0	1.0	1.0	0.8	0.9	0.5	...	6.9
„ 19,.....	...	...	0.2	0.1	0.2	0.7	0.5	0.3	0.5	0.7	0.7	0.3	...	4.2
„ 20,.....	...	...	...	0.5	1.0	0.9	0.4	0.2	0.3	1.0	1.0	0.7	...	6.0
„ 21,.....	...	...	...	0.2	...	0.3	0.1	...	...	...	...	...	...	0.6
„ 22,.....	...	...	...	1.0	0.9	1.0	0.7	1.0	0.8	0.2	...	...	...	5.6
„ 23,.....	...	...	...	...	0.7	1.0	0.9	0.8	0.6	0.8	0.8	0.3	...	5.9
„ 24,.....	...	0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.3
„ 25,.....	...	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	7.9
„ 26,.....	...	...	...	0.1	0.2	0.8	0.2	0.1	0.1	0.1	...	...	...	1.6
„ 27,.....	...	...	...	...	...	...	...	0.3	...	0.1	0.1	...	...	0.5
„ 28,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.7
„ 29,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 30,.....	...	0.4	0.6	0.3	0.9	0.9	0.9	0.8	0.2	0.4	0.1	...	...	5.5
„ 31,.....	...	0.3	1.0	0.7	0.6	0.5	0.3	0.1	...	...	...	...	...	3.5
Sums,.....	...	3.4	6.7	10.6	14.6	16.1	16.4	16.7	14.2	13.3	11.7	5.8	...	129.5

TABLE VI.

RAINFALL FOR THE MONTH OF MARCH, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
Mar. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
„ 3,	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 5,	...	...	...	0.005	...	0.005	...	0.010	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	0.030	11
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0.015	10
„ 7,	0.015	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	6
„ 8,	...	...	...	...	...	0.020	...	...	...	...	...	0.010	0.010	0.015	0.010	0.005	...	...	0.005	...	0.005	...	...	0.030	0.110	6
„ 9,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.015	0.005	0.005	0.040	2
„ 10,	0.005	0.005	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	5
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	0.005	...	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	1
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.020	0.010	0.005	0.015	0.005	0.030	0.025	0.010	...	...	...	0.010	0.010	0.015	0.010	0.005	...	...	0.005	0.005	0.020	0.015	0.005	0.050	0.270	52

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF MARCH, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Mar. 1,	7	27	7	30	7	27	7	29	7	24	7	23	7	24	7	24	7	26	7	26	7	26	7	25	[illegible]	28	8	26	8	25	8	25	8	24	8	24	9	24	7	23	9	23	8	23	8	24	9	23	603	25.1	8
„ 2,	9	23	8	21	8	21	8	21	8	20	8	20	8	19	8	19	8	19	8	18	8	16	9	23	7	24	7	23	8	26	8	26	7	23	7	19	6	17	7	16	7	18	6	17	7	10	6	6	465	19.4	8
„ 3,	7	11	8	19	7	16	7	13	5	7	5	6	6	5	6	7	7	6	10	4	16	11	16	14	16	13	15	12	17	7	16	8	15	6	13	6	13	4	12	5	17	4	12	4	13	4	7	4	196	8.2	11
„ 4,	9	5	6	7	6	5	8	5	16	5	10	3	...	1	14	5	17	9	23	5	29	7	29	[illegible]	28	5	26	9	26	14	22	6	20	3	25	7	24	8	26	8	26	6	23	5	26	2	22	3	138	5.7	24
„ 5,	...	1	8	14	9	21	9	25	8	26	8	27	8	27	9	29	9	31	9	31	7	31	8	[illegible]	8	27	8	31	8	30	8	34	7	29	7	29	7	26	7	22	6	19	6	21	7	22	6	24	602	25.1	8
„ 6,	7	25	7	30	8	31	7	27	8	32	8	30	8	33	8	29	8	32	8	30	8	30	8	[illegible]	30	8	30	7	30	8	30	8	28	8	33	7	32	8	31	8	29	7	26	8	28	7	23	8	25	704	29.3	8
„ 7,	8	17	8	26	7	24	7	27	7	19	7	19	7	20	7	22	8	18	7	21	10	13	[illegible]	15	8	17	7	21	7	24	8	21	7	22	8	16	29	5	28	6	24	8	24	9	26	8	26	10	408	17.0	7
„ 8,	26	8	26	10	22	2	30	3	24	5	24	2	14	3	9	3	...	1	30	4	27	11	[illegible]	3	1	8	32	3	18	2	22	3	24	4	29	5	28	5	7	2	4	7	3	3	2	2	7	3	102	4.3	29
„ 9,	30	3	4	4	3	4	4	6	3	5	31	3	25	3	28	2	2	3	2	9	32	[illegible]	32	10	32	10	32	6	1	6	1	6	1	7	32	6	31	12	30	4	1	4	30	10	32	2	31	9	144	6.0	32
„ 10,	32	3	32	4	1	10	31	7	3	6	1	9	1	7	29	4	1	9	32	8	31	[illegible]	1	10	32	6	1	10	2	7	2	11	31	8	32	6	1	9	2	12	3	11	1	16	2	14	1	10	207	8.6	1
„ 11,	1	17	32	15	2	11	1	9	1	17	1	19	1	18	1	15	32	9	5	10	4	12	8	12	10	12	10	14	10	16	9	16	9	15	8	12	5	9	7	8	6	9	6	11	5	15	6	21	322	13.4	5
„ 12,	6	22	6	21	5	19	5	19	5	14	5	14	6	14	7	19	7	28	7	27	7	28	7	26	8	26	8	23	7	24	9	25	7	23	7	21	7	24	6	27	6	35	6	35	7	36	7	40	590	24.6	7
„ 13,	7	36	7	38	7	32	7	29	7	26	7	27	6	31	6	32	7	31	7	31	7	29	6	28	7	25	9	22	8	18	7	20	7	22	7	24	8	26	7	23	6	30	6	25	7	27	7	24	656	27.3	7
„ 14,	8	26	8	20	8	11	10	12	7	11	8	20	7	14	8	14	8	16	10	15	8	12	7	13	6	9	8	6	10	6	11	9	9	8	27	7	25	5	27	3	...	1	...	1	...	1	...	0	240	10.0	8
„ 15,	27	2	...	1	28	5	4	2	23	4	2	3	...	0	9	17	9	22	10	[illegible]	9	21	9	19	10	14	8	8	9	4	8	2	11	5	7	7	7	8	7	7	8	8	8	16	7	19	6	10	225	9.4	8
„ 16,	5	11	7	14	7	16	5	16	5	14	5	12	7	10	7	13	7	12	[illegible]	14	10	15	10	15	9	17	10	21	9	19	9	13	8	12	9	13	7	15	7	13	7	12	7	13	6	13	7	14	337	14.0	8
„ 17,	7	14	7	20	7	18	6	24	6	23	6	21	6	13	7	18	7	19	7	14	8	15	8	15	9	14	8	14	9	12	9	8	8	5	8	11	8	10	8	14	7	13	10	15	6	13	8	12	355	14.8	7
„ 18,	7	19	7	14	8	19	8	15	7	14	7	19	7	23	7	25	7	[illegible]	7	17	7	22	7	23	7	26	7	24	8	25	8	26	8	26	8	23	8	22	7	21	7	21	7	24	7	18	7	20	507	21.1	7
„ 19,	6	25	6	23	7	19	7	16	7	24	7	24	8	29	7	28	6	[illegible]	7	31	7	27	7	28	7	25	9	23	10	24	10	23	7	19	7	17	7	15	7	14	6	16	4	18	6	23	6	28	548	22.8	7
„ 20,	7	30	7	34	7	31	7	24	7	25	7	27	7	27	7	29	[illegible]	29	6	27	7	27	8	22	9	20	9	19	10	20	9	24	8	20	7	21	7	19	6	20	5	17	6	22	7	27	7	34	594	24.8	7
„ 21,	7	33	7	39	7	36	7	35	7	40	7	38	6	36	6	[illegible]	6	28	6	33	7	30	7	26	7	31	6	31	7	27	7	23	7	25	7	20	7	23	7	18	7	22	7	20	7	21	7	19	711	29.6	7
„ 22,	7	21	8	24	8	26	8	27	7	24	7	30	7	26	7	[illegible]	6	49	7	23	7	22	7	22	7	19	8	18	9	18	9	18	9	18	9	15	9	15	9	13	9	12	9	9	9	4	...	1	454	18.9	8
„ 23,	...	1	...	1	7	4	...	0	...	1	12	4	7	4	31	22	7	27	...	0	27	6	24	9	24	8	28	8	24	7	24	8	26	10	25	7	26	4	24	2	27	2	27	3	27	6	27	3	100	4.2	26
„ 24,	23	7	23	3	23	2	25	4	10	7	2	9	2	8	31	2	...	0	7	23	7	29	7	30	6	30	8	28	9	27	10	22	9	18	10	15	9	14	9	13	9	14	7	14	7	16	8	13	361	15.0	8
„ 25,	8	13	7	15	7	16	6	17	7	18	7	20	6	23	6	25	4	8	7	26	7	18	5	22	7	21	7	23	7	21	9	20	9	18	7	18	7	17	7	19	7	14	7	14	9	13	7	14	447	18.6	7
„ 26,	7	11	11	13	11	13	9	16	9	20	8	24	8	21	7	29	7	24	7	29	7	27	7	29	7	28	8	29	8	28	7	22	7	21	7	16	7	14	7	13	8	14	9	13	9	17	9	14	486	20.2	8
„ 27,	10	13	9	10	7	16	8	14	8	2	1	8	2	7	2	5	7	[illegible]	23	3	23	9	24	9	28	13	27	13	24	14	24	10	32	11	32	7	31	3	23	4	21	8	22	5	27	5	1	11	201	8.4	30
„ 28,	3	11	2	12	32	9	32	13	3	10	1	2	1	6	1	6	...	[illegible]	10	12	10	14	8	18	9	21	9	19	9	16	8	12	13	8	...	1	...	1	...	0	8	4	8	3	...	1	...	0	210	8.7	7
„ 29,	...	1	...	1	13	3	9	3	9	9	9	7	9	7	9	8	[illegible]	1	8	14	8	19	8	21	7	19	8	18	8	18	8	14	8	14	8	10	8	6	8	3	...	1	...	0	...	1	8	4	212	8.8	8
„ 30,	10	2	10	3	11	3	11	6	10	8	10	12	9	11	9	8	9	[illegible]	7	15	7	16	8	16	8	16	8	17	8	12	8	7	15	5	10	2	10	2	10	2	...	1	...	1	...	1	10	2	178	7.4	9
„ 31,	12	3	...	0	13	3	...	0	...	1	...	0	...	1	24	8	[illegible]	10	23	12	21	15	22	14	23	16	25	16	26	13	27	5	22	4	21	7	27	9	26	10	24	7	23	5	23	3	...	1	163	6.8	24
Sums,	...	441	...	486	...	473	...	464	...	461	...	482	...	471	...	508	...	545	...	553	...	578	...	577	...	578	...	565	...	540	...	495	...	466	...	424	...	402	...	374	...	387	...	403	...	391	...	402	11466	477.7	...
Means,	...	14.2	...	15.7	...	15.3	...	15.0	...	14.9	...	15.5	...	15.2	...	16.4	...	[illegible]	...	17.8	...	18.6	...	18.6	...	18.6	...	18.2	...	17.4	...	16.0	...	15.0	...	13.7	...	13.0	...	12.1	...	12.5	...	13.0	...	12.6	...	13.0	369.9	15.4	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
March 1, ...	10	str-cum.	E	10	str-cum.	...	10	str-cum.	E	10	str.	E
„ 2, ...	10	nim.	E	10	nim.	...	10	fog.	E	10	cum-nim.	E
„ 3, ...	10	cum-nim.	...	10	nim.	...	10	cum.	SSE	9	cum.	S
„ 4, ...	10	cum.	...	10	cum.	...	10	str. / cum.	SW	10	cum.	SW
„ 5, ...	10	cum-nim.	SSW	10	nim.	...	10	nim.	E	10	nim.	S
„ 6, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	cum. / fog.	E
„ 7, ...	10	nim.	...	10	nim.	...	10	fog.	E	10	sm-cum. / cum.	W / E
„ 8, ...	10	cum-nim.	...	10	str-cum.	...	10	nim.	...	10	str.	...
„ 9, ...	10	nim.	...	10	cum-nim.	...	10	str-cum.	ENE	10	str-cum.	ENE
„ 10, ...	10	nim.	...	10	nim.	...	10	str-cum.	...	10	str.	...
„ 11, ...	10	str-cum.	...	10	str-cum.	...	9	sm-cum.	W	9	sm-cum.	W
„ 12, ...	0	...	...	0	...	...	1	c-cum.	...	1	cum.	E
„ 13, ...	5	cum.	E	10	sm-cum. / cum.	E	10	sm-cum. / cum.	E	1	cum.	E
„ 14, ...	10	cum-nim.	...	10	cum.	...	10	str-cum.	E	10	str-cum.	ESE
„ 15, ...	0	...	...	0	...	...	2	sm-cum.	W	6	c-str. / cum.	WSW / E
„ 16, ...	5	sm-cum.	...	5	cum.	...	10	str-cum.	...	7	sm-cum. / cum.	SSE / E
„ 17, ...	10	str-cum.	...	7	cum.	...	10	sm-cum. / cum.	E	10	sm-cum. / cum.	SW / NNE
„ 18, ...	10	cum.	...	10	cum.	...	10	str-cum.	...	6	cum.	E
„ 19, ...	7	sm-cum.	...	9	sm-cum.	...	9	sm-cum. / cum.	E	9	sm-cum. / cum.	WNW / E
„ 20, ...	6	sm-cum.	...	10	sm-cum.	...	9	sm-cum.	W	5	sm-cum.	W
„ 21, ...	4	cum.	SE	5	sm-cum.	...	10	sm-cum. / cum.	E	9	sm-cum. / cum.	E
„ 22, ...	10	cum.	...	10	cum.	...	9	sm-cum. / cum.	W / SE	3	c-cum. / cum.	W / SE
„ 23, ...	10	nim.	...	10	cum.	SE	10	sm-cum. / cum.	SE	8	sm-cum. / cum.	N / SE
„ 24, ...	8	sm-cum.	NNW	9	sm-cum.	NW	9	sm-cum. / cum.	WNW	1	sm-cum.	...
„ 25, ...	10	cum.	E	4	cum.	E	3	cum.	E	1	cum.	E
„ 26, ...	7	cum.	ENE	8	sm-cum. / cum.	E	9	sm-cum. / cum.	W / E	9	sm-cum. / cum.	SE
„ 27, ...	8	cum.	...	10	cum-nim.	...	10	nim.	...	10	str-cum.	...
„ 28, ...	0	...	...	0	...	...	2	c-cum.	W	1	c-str.	W
„ 29, ...	0	...	...	0	...	...	2	c-str.	...	1	c-str.	...
„ 30, ...	5	c-str.	WSW	7	cum.	...	1	cum.	...	3	sm-cum. / cum.	W / SSE
„ 31, ...	7	cum.	...	3	cum.	...	0	...	...	7	sm-cum.	W
Means,...	7.5	...	...	7.6	...	...	7.9	...	...	7.0	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
March 1,...	4	sm-cum. / cum.	WSW / E	10	str-cum.	E	1	cum.	E	10	str-cum.	...	8.1
„ 2,...	9	sm-cum. / cum.	SSW / E	9	sm-cum. / cum.	SSW / SSE	4	cum.	ESE	1	cum.	...	7.9
„ 3,...	9	sm-cum. / cum.	SSW	8	cum.	S	2	cum.	S	1	cum.	...	7.4
„ 4,...	10	nim.	SSW	10	nim.	SSW	10	cum-nim.	...	10	cum-nim.	...	10.0
„ 5,...	10	str-cum.	SSE	10	str-cum.	E	10	cum-nim.	E	10	cum-nim.	E	10.0
„ 6,...	9	cum. / fog.	E	10	nim.	E	10	fog.	E	10	nim.	...	9.9
„ 7,...	4	sm-cum. / cum.	SSW / SSW	10	sm-cum. / cum.	SSW	10	nim.	...	10	nim.	...	9.2
„ 8,...	10	nim.	ENE	10	str.	...	10	nim.	...	10	R-cum.	...	10.0
„ 9,...	10	str-cum.	N	10	str-cum.	N	10	str-cum.	N	10	cum-nim.	...	10.0
„ 10,...	10	str-cum.	...	8	str-cum.	...	10	str.	...	10	str.	...	9.8
„ 11,...	3	c-cum. / sm-cum.	W	7	sm-cum.	NNW	0	...	...	0	...	...	6.0
„ 12,...	0	...	...	0	...	...	3	sm-cum. / cum.	W / E	6	cum.	E	1.4
„ 13,...	0	...	...	1	cum.	E	1	cum.	E	10	cum-nim.	E	4.7
„ 14,...	7	sm-cum.	W	1	sm-cum.	...	0	...	...	0	...	...	6.0
„ 15,...	4	sm-cum. / cum.	WSW / N	10	sm-cum. / cum.	W / ENE	9	sm-cum.	W	10	sm-cum. / cum.	W / E	5.1
„ 16,...	9	sm-cum.	S	10	str-cum.	NE	10	R-cum.	ENE	10	str-cum.	NE	8.2
„ 17,...	3	sm-cum.	WNW	9	sm-cum. / cum.	WSW / NNE	10	str-cum.	NNE	9	cum.	ENE	8.5
„ 18,...	5	cum.	E	2	c-cum.	W	2	c-cum.	W	3	c-cum.	WNW	6.0
„ 19,...	8	sm-cum.	WNW	5	sm-cum.	WNW	8	sm-cum.	W	1	cum.	E	7.0
„ 20,...	9	sm-cum.	W	1	sm-cum.	...	0	...	...	1	cum.	SE	5.1
„ 21,...	10	str. / cum.	ESE	9	sm-cum. / cum.	W / ESE	4	sm-cum.	W	7	c-cum. / sm-cum.	W	7.3
„ 22,...	4	sm-cum. / cum.	W / SE	8	sm-cum. / cum.	W / SE	7	sm-cum. / cum.	W / SE	9	sm-cum. / cum.	SE	7.5
„ 23,...	4	sm-cum. / cum.	N / ..	2	c-cum. / cum.	WSW / ..	9	sm-cum.	NNW	9	sm-cum. / cum.	WNW / ..	7.7
„ 24,...	0	...	...	0	...	...	0	...	...	1	cum.	E	3.5
„ 25,...	0	...	...	0	...	...	1	cum.	...	1	cum.	ENE	2.5
„ 26,...	9	sm-cum. / cum.	W / SE	9	cum.	SSE	10	cum.	SSE	10	str.	...	8.9
„ 27,...	9	sm-cum. / cum.	W / NNE	8	sm-cum. / cum.	W / NE	2	sm-cum.	...	0	...	...	7.1
„ 28,...	4	c-str.	W	1	c-str.	W	0	...	...	0	...	...	1.0
„ 29,...	3	c-str.	WSW	2	c-str.	W	1	c-str.	...	1	c-str.	...	1.3
„ 30,...	2	sm-cum. / cum.	W / SSE	8	sm-cum. / cum.	W / SSE	8	c-str. / sm-cum. / cum.	.. / W / SSE	4	cum.	...	4.7
„ 31,...	10	sm-cum. / cum.	W / ..	10	str-cum.	...	9	sm-cum. / cum.	WSW / ..	0	...	...	5.8
Means,...	6.1	...	...	6.4	...	...	5.5	...	...	5.6	...	...	6.7

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF MARCH, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.35	12.39	0.45	0.55	+2.90	+11.84	E 14° N
2 „	3.35	13.90	0.35	0.39	3.00	13.51	E 15° N
3 „	3.19	13.77	0.61	0.26	2.58	13.51	E 11° N
4 „	3.68	13.26	0.55	0.19	3.13	13.07	E 13° N
5 „	3.48	13.23	0.58	0.29	2.90	12.94	E 13° N
6 „	3.97	13.77	0.32	0.10	3.65	13.67	E 15° N
7 „	3.94	13.52	0.19	0.10	3.75	13.42	E 16° N
8 „	3.97	14.48	0.61	0.39	3.36	14.09	E 13° N
9 „	3.77	15.74	0.74	0.39	3.03	15.35	E 11° N
10 „	3.35	16.16	1.10	0.68	2.25	15.48	E 8° N
11 „	3.48	15.61	1.32	1.32	2.16	14.29	E 9° N
Noon.	3.06	15.90	1.10	1.19	1.96	14.71	E 8° N
1 p.	3.03	15.81	1.48	1.19	1.55	14.62	E 6° N
2 „	2.39	15.65	1.32	1.32	+1.07	14.33	E 4° N
3 „	1.32	15.00	1.71	1.55	−0.39	13.45	E 2° S
4 „	1.00	14.10	1.87	1.00	−0.87	13.10	E 4° S
5 „	2.10	13.06	1.32	0.68	+0.78	12.38	E 4° N
6 „	2.32	11.74	0.71	0.94	1.61	10.80	E 8° N
7 „	2.71	10.87	0.48	1.13	2.23	9.74	E 13° N
8 „	2.71	10.48	0.35	0.97	2.36	9.51	E 14° N
9 „	3.03	10.55	0.58	1.00	2.45	9.55	E 14° N
10 „	3.55	10.68	0.55	1.00	3.00	9.68	E 17° N
11 „	3.10	10.97	0.35	0.68	2.75	10.29	E 15° N
Midt.	3.42	11.26	0.32	0.52	+3.10	+10.74	E 16° N
Means,.....	3.05	13.41	0.79	0.74	+2.26	+12.67	E 10° N

PHENOMENA :—

Solar halo :—on the 15th, 28th and 29th.

Lunar halo :—on the 18th, 19th, 23rd, 24th and 29th.

Thick fog :—on the 7th.

Fog :—on the 2nd.

Slight fog :—on the 3rd, 6th and 23rd.

Haze :—on the 5th, 28th, 29th, 30th and 31st.

Unusual visibility :—on the 10th.

Dew :—on the 3rd, 14th and 15th.

Thunder and lightning :—on the 6th.

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF APRIL, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.869	29.858	29.848	29.852	29.877	29.902	29.912	29.919	29.926	29.934	29.914	29.904	29.875	29.852	29.834	29.820	29.828	29.838	29.854	29.871	29.888	29.903	29.911	29.908	29.879
„ 2,...	.897	.886	.883	.877	.894	.906	.943	.952	.956	.964	.955	.932	.908	.880	.866	.865	.866	.870	.881	.894	.914	.919	.919	.912	.906
„ 3,...	.894	.886	.884	.875	.874	.884	.913	.929	.948	.950	.936	.911	.888	.858	.841	.835	.830	.843	.858	.877	.900	.903	.906	.887	.888
„ 4,...	.877	.868	.858	.863	.869	.879	.890	.913	.926	.940	.937	.909	.878	.845	.817	.807	.813	.820	.834	.859	.879	.871	.869	.874	.871
„ 5,...	.865	.855	.842	.827	.839	.858	.876	.886	.895	.900	.888	.864	.830	.800	.782	.769	.766	.764	.771	.776	.792	.802	.808	.805	.828
„ 6,...	.790	.775	.757	.741	.747	.739	.767	.759	.765	.759	.742	.728	.691	.663	.668	.662	.649	.657	.665	.677	.706	.710	.724	.729	.720
„ 7,...	.715	.696	.671	.678	.677	.699	.722	.735	.751	.771	.850	.734	.743	.727	.722	.705	.725	.746	.766	.793	.815	.835	.843	.834	.748
„ 8,...	.832	.800	.794	.777	.774	.801	.834	.862	.881	.884	.891	.886	.868	.835	.813	.820	.834	.848	.851	.871	.894	.923	.914	.909	.850
„ 9,...	.890	.882	.870	.875	.871	.891	.909	.930	.927	.923	.923	.917	.905	.874	.860	.851	.852	.848	.857	.867	.886	.900	.896	.896	.887
„ 10,...	.873	.869	.864	.870	.874	.880	.911	.917	.921	.904	.898	.882	.842	.828	.813	.804	.802	.808	.821	.837	.854	.854	.865	.841	.860
„ 11,...	.833	.829	.812	.806	.823	.843	.849	.867	.874	.870	.865	.844	.807	.788	.763	.750	.747	.755	.766	.785	.804	.802	.792	.785	.811
„ 12,...	.763	.755	.740	.746	.755	.780	.800	.811	.824	.823	.827	.808	.783	.773	.752	.746	.750	.764	.775	.799	.816	.817	.819	.814	.785
„ 13,...	.797	.788	.781	.766	.782	.803	.828	.839	.841	.838	.836	.817	.788	.766	.758	.743	.742	.744	.761	.796	.832	.856	.865	.873	.802
„ 14,...	.849	.827	.775	.788	.814	.834	.865	.893	.905	.898	.893	.863	.842	.826	.823	.823	.828	.837	.850	.869	.839	.873	.869	.868	.850
„ 15,...	.846	.848	.840	.813	.844	.862	.884	.911	.929	.923	.917	.894	.867	.836	.816	.811	.819	.827	.813	.830	.848	.869	.873	.870	.858
„ 16,...	.854	.840	.827	.820	.820	.837	.853	.868	.885	.884	.883	.860	.828	.795	.775	.759	.763	.765	.767	.782	.803	.807	.804	.794	.820
„ 17,...	.780	.760	.750	.743	.751	.771	.780	.796	.805	.813	.806	.801	.777	.757	.743	.727	.725	.723	.738	.751	.767	.801	.801	.790	.769
„ 18,...	.777	.765	.760	.760	.753	.784	.798	.818	.833	.842	.834	.820	.803	.786	.774	.761	.762	.765	.776	.802	.824	.845	.850	.850	.798
„ 19,...	.845	.829	.815	.813	.821	.835	.859	.869	.880	.876	.886	.879	.858	.834	.814	.806	.814	.820	.825	.843	.843	.845	.844	.835	.841
„ 20,...	.837	.830	.821	.823	.825	.840	.860	.877	.885	.890	.885	.877	.853	.832	.817	.803	.803	.812	.819	.838	.857	.871	.869	.864	.845
„ 21,...	.852	.825	.816	.803	.811	.824	.842	.864	.880	.881	.876	.866	.846	.829	.802	.783	.783	.785	.800	.804	.813	.828	.840	.834	.829
„ 22,...	.823	.805	.794	.800	.807	.817	.846	.858	.872	.876	.874	.858	.836	.808	.792	.776	.771	.775	.787	.801	.807	.812	.812	.807	.817
„ 23,...	.792	.786	.771	.772	.772	.784	.804	.819	.831	.834	.828	.806	.779	.763	.742	.720	.717	.727	.743	.744	.767	.774	.778	.774	.776
„ 24,...	.773	.765	.754	.753	.755	.773	.794	.813	.815	.817	.814	.806	.785	.761	.744	.735	.739	.754	.774	.797	.813	.828	.821	.804	.783
„ 25,...	.785	.783	.774	.777	.781	.789	.800	.812	.823	.828	.822	.813	.804	.795	.779	.771	.773	.784	.801	.812	.819	.832	.836	.835	.801
„ 26,...	.823	.827	.807	.819	.827	.841	.867	.880	.892	.889	.880	.877	.859	.835	.825	.816	.821	.853	.875	.898	.905	.914	.924	.932	.862
„ 27,...	.920	.887	.882	.899	.908	.919	.928	.946	.953	.938	.936	.925	.905	.886	.863	.839	.836	.839	.851	.864	.880	.875	.881	.862	.893
„ 28,...	.851	.842	.824	.819	.826	.837	.865	.870	.880	.876	.873	.865	.840	.823	.801	.790	.780	.788	.791	.809	.825	.837	.843	.833	.833
„ 29,...	.826	.809	.807	.808	.814	.816	.841	.851	.862	.858	.854	.832	.817	.789	.774	.771	.780	.787	.803	.832	.851	.858	.861	.861	.823
„ 30,...	.844	.833	.827	.827	.832	.847	.864	.874	.886	.900	.898	.879	.848	.828	.821	.809	.822	.827	.849	.876	.898	.913	.919	.907	.859
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.832	29.820	29.808	29.806	29.814	29.829	29.850	29.865	29.875	29.876	29.874	29.855	29.832	29.809	29.793	29.783	29.785	29.792	29.804	29.822	29.840	29.849	29.852	29.846	29.830

TABLE II.

TEMPERATURE FOR THE MONTH OF APRIL, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
April 1,	63.7	63.4	64.1	64.2	64.1	64.1	64.9	66.0	67.1	69.2	70.1	71.7	73.9	73.1	74.5	72.7	73.1	68.2	67.1	67.0	65.8	65.2	64.6	64.7	67.6	74.9	62.6
„ 2,	64.0	63.4	63.5	63.7	63.6	63.5	65.8	68.0	69.9	72.4	71.9	72.6	73.7	71.8	71.0	70.2	69.1	67.9	67.2	67.8	68.0	67.7	67.7	67.3	68.0	73.7	63.3
„ 3,	67.1	67.1	66.6	66.5	66.4	66.4	66.9	68.3	71.0	70.2	71.3	69.8	72.0	69.8	71.1	70.4	70.1	68.9	68.2	68.4	67.8	68.4	68.2	68.5	68.7	72.8	66.3
„ 4,	68.6	68.4	68.4	68.3	68.2	68.2	69.0	69.8	71.2	71.2	72.2	75.0	73.9	74.6	77.2	73.4	72.3	71.7	70.7	69.8	69.9	68.9	68.5	69.0	70.8	78.7	67.6
„ 5,	68.2	68.7	68.6	68.4	68.6	68.6	70.7	72.3	73.1	74.7	76.3	78.7	81.7	80.5	79.0	77.2	75.6	74.2	72.8	73.4	71.8	71.4	71.2	71.2	73.2	81.9	68.0
„ 6,	71.4	71.1	71.4	71.4	71.7	71.8	73.0	74.8	76.7	78.0	76.6	73.8	76.7	75.3	76.6	74.9	77.0	73.6	74.6	74.4	74.5	74.1	74.2	74.8	74.3	78.2	70.9
„ 7,	70.3	68.4	67.3	66.8	66.7	66.8	66.3	67.6	67.8	68.4	68.0	68.3	68.6	69.4	68.9	69.0	69.3	68.4	68.9	69.2	68.7	68.6	67.8	66.4	68.2	74.9	66.1
„ 8,	65.7	65.8	65.7	65.8	64.7	64.0	63.6	63.7	64.5	62.5	63.6	64.2	64.0	63.3	63.7	63.3	61.2	61.5	61.0	60.9	60.7	60.4	60.0	60.2	63.1	66.4	60.0
„ 9,	60.4	61.2	61.5	60.4	60.4	60.1	60.8	60.6	61.6	62.1	61.7	61.6	62.6	63.0	63.0	63.2	62.7	62.9	62.7	62.6	62.7	63.4	64.0	63.7	62.0	64.0	59.8
„ 10,	63.5	63.7	63.4	63.4	63.6	63.7	64.1	64.6	64.6	65.7	65.7	67.0	66.5	65.1	64.7	64.4	64.9	65.2	65.2	65.2	65.1	65.2	65.4	65.4	64.8	67.4	63.4
„ 11,	65.4	65.5	65.6	65.6	65.8	65.7	65.7	65.8	65.9	66.4	66.8	67.5	67.9	69.7	70.4	70.3	69.6	68.9	68.6	69.0	70.0	68.9	68.3	68.4	67.6	70.8	65.2
„ 12,	68.3	68.4	68.4	68.4	68.6	68.6	68.6	70.4	71.9	71.4	73.6	72.7	73.7	73.6	72.8	73.4	74.1	73.2	71.2	71.2	70.6	70.2	69.5	69.4	70.9	74.1	67.7
„ 13,	69.4	69.1	69.9	69.5	68.6	68.8	70.1	73.0	75.7	77.1	79.3	79.8	81.1	82.0	81.0	81.9	77.6	74.4	73.6	73.0	72.3	72.7	73.1	73.0	74.4	82.8	67.7
„ 14,	72.5	71.8	71.5	70.6	69.7	69.4	68.0	68.4	68.6	69.2	71.5	72.8	73.0	72.9	73.4	73.1	71.7	70.7	70.0	69.6	69.6	70.2	70.3	69.6	70.8	73.6	67.9
„ 15,	69.5	69.5	69.0	68.6	68.8	68.8	69.3	69.3	69.4	69.3	70.4	71.5	71.8	70.6	71.0	70.8	70.7	70.2	70.2	69.8	69.6	69.5	69.4	69.5	69.9	71.9	68.2
„ 16,	69.2	69.4	69.0	68.9	68.9	69.4	69.4	69.6	70.6	72.2	73.4	76.6	76.6	76.7	75.6	75.2	73.6	72.7	71.9	71.7	71.1	70.0	70.4	70.3	71.8	77.4	68.6
„ 17,	70.7	71.1	71.0	70.8	70.7	70.4	69.9	70.6	70.7	73.2	73.6	74.7	74.4	75.7	73.7	73.4	72.5	72.1	70.6	70.3	70.6	70.9	71.1	71.8	71.9	75.8	69.7
„ 18,	72.2	72.0	72.1	72.2	71.9	72.0	72.4	73.1	74.6	74.2	72.8	72.9	73.8	73.7	73.4	73.3	71.6	71.3	71.6	71.9	72.4	71.9	71.8	71.5	72.5	74.7	71.0
„ 19,	71.3	71.2	70.6	70.2	70.0	70.5	70.8	72.3	73.3	74.0	74.5	74.6	75.6	76.0	77.0	76.2	74.5	73.1	72.9	72.3	72.2	72.3	72.2	72.0	72.9	77.3	69.7
„ 20,	71.9	71.7	71.3	71.2	71.2	70.6	70.8	71.5	72.6	73.1	75.5	75.8	75.4	75.6	75.8	75.2	73.6	73.6	72.7	72.9	72.5	72.3	72.3	72.1	73.0	76.4	70.6
„ 21,	71.9	71.8	71.5	71.4	71.3	71.3	72.4	74.2	76.0	77.0	77.5	77.6	77.9	77.8	77.3	76.5	75.0	73.1	72.7	72.3	72.2	72.0	72.1	72.0	73.9	78.8	70.8
„ 22,	71.0	71.7	71.2	71.1	70.6	71.3	73.2	75.6	77.1	77.4	76.6	75.3	77.3	77.7	77.6	76.7	76.3	73.8	73.2	72.8	72.9	72.7	72.4	72.0	74.1	78.1	70.2
„ 23,	71.7	71.0	70.9	70.6	70.2	70.2	72.2	74.6	76.7	78.0	79.0	79.9	82.3	82.5	80.0	81.3	78.3	77.0	76.1	74.0	73.9	73.3	73.2	73.0	75.4	82.9	70.2
„ 24,	72.9	72.7	72.7	72.8	72.7	72.9	73.6	75.7	77.7	78.7	78.2	78.6	78.7	76.9	77.6	76.2	76.0	74.9	74.1	73.6	73.3	72.8	72.3	72.3	74.9	79.4	72.3
„ 25,	72.4	72.0	71.8	71.8	71.6	71.5	71.6	72.3	72.6	73.8	73.7	77.3	73.2	72.9	71.4	72.3	72.3	71.7	71.3	71.2	71.5	71.4	71.7	71.6	72.3	77.3	71.2
„ 26,	71.9	71.8	71.6	71.6	71.1	71.8	75.1	78.5	78.6	78.7	79.8	82.1	78.9	77.1	77.3	75.6	75.4	73.7	73.1	72.7	72.9	72.6	72.5	72.1	74.9	83.2	70.5
„ 27,	72.0	71.6	71.3	71.2	71.1	70.9	72.3	73.2	73.6	73.8	73.6	74.9	74.0	73.9	73.8	73.2	73.7	71.8	71.6	71.3	71.4	71.3	71.6	71.5	72.4	75.3	70.9
„ 28,	71.6	71.6	70.9	71.3	71.1	71.5	72.3	71.6	71.8	73.2	74.4	75.0	74.5	74.0	73.5	74.6	73.3	72.4	72.4	72.9	73.1	73.2	73.1	73.0	72.8	75.6	70.6
„ 29,	72.7	72.6	72.5	72.6	72.6	72.7	73.5	75.2	77.3	78.4	78.3	77.2	78.0	77.6	77.7	77.7	76.1	76.8	74.7	74.7	74.0	73.9	73.3	73.3	75.1	79.2	72.3
„ 30,	73.3	72.6	72.2	71.8	72.0	72.5	74.9	75.6	76.5	77.8	79.0	79.8	78.9	78.6	78.5	78.7	76.7	74.9	74.1	73.9	73.7	72.8	72.2	71.9	75.1	79.9	71.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	69.5	69.3	69.2	69.0	68.9	68.9	69.7	70.9	72.0	72.7	73.3	74.0	74.4	74.0	73.9	73.5	72.6	71.4	70.8	70.7	70.5	70.3	70.1	70.0	71.2	75.9	68.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF APRIL, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
April 1,..	60.4	60.1	59.6	61.2	61.3	61.0	61.3	62.3	63.1	63.5	64.2	64.9	64.9	64.0	65.0	64.1	63.2	63.1	63.1	62.8	62.5	62.9	62.4	62.4	62.6	129.5
„ 2,...	62.0	62.0	62.2	62.5	62.4	62.6	64.0	64.9	66.0	66.0	66.0	66.0	65.7	65.6	65.5	65.5	65.8	65.4	65.3	65.2	65.9	65.8	65.4	65.6	64.7	132.8
„ 3,...	65.7	65.7	65.6	65.5	65.4	65.4	65.7	66.3	67.0	67.0	67.3	66.6	67.8	66.5	67.3	67.1	67.0	66.9	67.1	67.4	67.5	67.7	67.6	68.0	66.7	131.6
„ 4,...	68.0	67.9	67.7	67.6	67.8	67.5	67.9	68.5	68.7	68.4	68.7	69.6	69.6	69.4	70.1	69.0	68.6	67.9	67.9	67.8	67.7	67.1	67.1	67.3	68.2	138.8
„ 5,...	67.0	67.3	67.2	67.2	67.3	67.3	68.3	69.0	69.4	69.9	71.0	71.9	72.8	72.0	72.0	71.4	71.0	71.1	70.0	70.3	70.2	70.2	70.3	69.9	69.7	135.9
„ 6,...	70.4	70.0	69.3	69.9	70.1	70.0	71.0	70.9	70.7	70.1	69.6	69.4	70.7	70.5	71.8	71.4	70.7	71.2	71.7	71.7	72.0	71.8	72.0	72.3	70.8	116.2
„ 7,...	69.0	67.1	66.6	66.3	66.1	66.2	65.8	65.3	66.2	66.3	67.0	66.7	66.8	67.0	66.6	66.4	66.7	65.9	65.9	66.0	66.3	66.5	66.2	64.9	66.4	106.4
„ 8,...	64.6	63.8	63.5	63.3	62.6	62.3	61.8	61.5	61.6	61.7	61.6	61.9	62.4	61.8	62.5	61.7	59.9	60.3	58.5	58.1	57.1	57.7	57.6	57.8	61.1	81.0
„ 9,...	58.0	58.8	59.0	58.6	58.8	58.5	59.0	58.8	58.9	59.4	59.4	59.7	60.0	59.8	59.9	59.9	59.5	59.9	60.1	59.9	60.7	61.7	62.3	62.3	59.7	99.7
„ 10,...	62.4	62.6	62.4	62.5	62.5	62.8	62.9	63.4	63.3	64.0	63.8	64.9	64.4	63.7	63.7	63.9	64.1	64.2	64.4	64.6	64.7	64.6	64.7	64.9	63.7	106.2
„ 11,...	65.0	65.0	65.1	65.2	65.2	65.4	65.4	65.6	65.8	66.3	66.6	66.7	67.4	68.6	68.7	68.8	68.7	68.4	68.6	68.8	69.3	68.3	68.1	68.2	67.1	117.5
„ 12,...	68.3	68.3	68.3	68.4	68.6	68.6	68.4	69.6	70.5	70.0	71.3	70.8	71.0	71.1	70.8	71.1	71.6	70.4	69.9	70.4	69.9	69.2	68.9	68.9	69.8	134.5
„ 13,...	68.8	68.6	69.2	68.9	68.1	68.5	69.2	71.6	72.7	73.1	73.2	72.1	74.0	73.9	72.1	73.2	72.2	71.7	71.3	71.2	71.2	71.0	71.7	71.8	71.2	140.9
„ 14,...	71.5	71.1	70.5	70.0	69.2	68.9	67.8	67.6	67.6	67.4	68.3	68.3	68.7	68.3	68.6	68.3	68.1	68.0	67.9	67.9	68.0	68.1	67.9	67.8	68.6	137.3
„ 15,...	67.2	67.3	67.3	67.2	67.1	67.4	67.4	67.6	67.8	67.2	67.8	68.0	68.4	67.7	67.7	67.4	67.5	67.0	66.9	66.8	67.2	67.3	67.5	68.0	67.4	142.3
„ 16,...	68.3	68.6	68.4	68.1	68.0	68.1	68.1	68.0	68.7	69.6	70.0	71.0	71.0	71.1	70.4	70.2	70.0	69.6	67.3	69.1	69.5	69.6	70.1	70.1	69.3	138.1
„ 17,...	70.2	70.3	70.2	70.3	70.2	69.8	69.7	70.3	70.1	71.3	71.4	71.9	71.6	72.6	71.5	71.3	71.0	70.7	70.2	70.1	70.5	70.8	70.6	71.4	70.7	121.4
„ 18,...	71.3	71.2	71.3	71.4	71.1	71.3	71.5	71.7	72.6	72.2	71.5	71.3	71.9	72.0	71.6	71.9	71.1	71.1	71.2	71.3	70.9	71.1	71.2	70.8	71.4	124.8
„ 19,...	70.7	70.6	70.0	69.8	69.8	70.2	70.6	71.3	71.6	71.7	71.8	72.2	72.1	72.6	73.0	72.5	71.9	71.3	71.2	71.2	71.3	71.4	71.4	71.4	71.3	126.8
„ 20,...	71.3	71.0	70.9	70.8	70.8	70.4	70.6	70.9	71.4	71.4	72.7	72.2	72.0	72.1	72.3	72.1	71.8	71.7	71.4	71.3	71.0	71.0	71.0	71.1	71.4	132.5
„ 21,...	70.8	70.6	70.4	70.2	69.8	69.7	70.3	71.6	71.9	72.1	72.8	72.1	72.0	71.4	71.6	72.2	71.5	71.2	71.1	71.0	71.2	71.1	70.6	70.8	71.2	131.9
„ 22,...	70.2	70.6	70.5	70.3	70.0	70.4	71.5	72.7	73.3	72.3	72.5	71.8	72.4	72.3	72.8	72.6	72.2	72.0	71.7	71.8	71.5	71.3	71.2	71.1	71.6	136.6
„ 23,...	70.8	70.5	70.3	69.9	69.6	69.6	71.0	72.3	72.7	72.9	72.9	72.0	73.0	73.0	71.8	72.0	71.3	70.5	70.3	70.9	71.0	71.0	71.1	71.1	71.3	137.7
„ 24,...	70.7	70.5	70.7	70.8	70.8	71.0	71.5	72.0	73.0	73.6	73.3	73.8	73.0	73.4	73.3	72.7	72.6	72.3	72.0	71.9	71.5	71.0	71.0	70.6	72.0	141.4
„ 25,...	70.3	70.2	69.9	69.7	69.4	69.6	69.9	70.6	70.6	71.0	71.2	72.1	70.9	70.9	70.5	70.5	70.8	70.5	69.9	69.9	70.0	69.8	69.9	69.8	70.3	130.5
„ 26,...	69.8	69.8	69.6	69.5	69.3	69.5	66.7	69.3	69.2	67.3	68.5	69.0	70.3	68.0	66.2	66.6	67.9	68.8	68.2	68.3	69.0	68.3	68.4	68.4	68.6	141.2
„ 27,...	68.1	67.8	67.7	67.6	67.0	66.6	66.6	67.5	68.0	67.0	67.2	67.3	67.3	67.0	67.2	67.6	66.9	66.7	67.1	67.5	67.1	67.2	66.9	67.0	67.2	135.8
„ 28,...	67.6	67.7	67.6	67.8	68.0	68.0	68.5	67.8	67.7	68.6	68.6	69.1	69.0	69.2	69.0	70.0	69.7	69.6	69.9	70.0	70.3	70.5	70.6	70.6	69.0	138.9
„ 29,...	70.7	70.6	70.7	70.9	70.8	70.8	71.2	72.0	72.8	73.3	73.0	72.7	73.0	72.8	73.1	73.7	73.0	71.6	72.3	72.0	71.3	71.7	71.8	71.8	72.0	140.6
„ 30,...	71.9	71.2	70.9	70.5	70.6	70.9	72.8	72.9	73.2	73.7	73.3	73.0	72.8	72.7	73.6	73.8	73.0	72.3	71.9	71.3	71.1	70.5	70.2	69.5	72.0	139.5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	68.0	67.9	67.8	67.7	67.6	67.6	67.9	68.5	68.9	68.9	69.2	69.3	69.6	69.4	69.3	69.3	69.0	68.7	68.5	68.5	68.6	68.5	68.5	68.5	68.6	128.9

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF APRIL, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	92	0.670	April 1,.....	74	0.502
2 „	93	.669	„ 2,.....	83	.569
3 „	93	.667	„ 3,.....	90	.629
4 „	93	.666	„ 4,.....	87	.656
5 „	93	.664	„ 5,.....	83	.680
6 „	93	.664	„ 6,.....	84	.708
7 „	91	.664	„ 7,.....	91	.625
8 „	89	.670	„ 8,.....	89	.513
9 „	85	.671	„ 9,.....	87	.483
10 „	82	.660	„ 10,.....	95	.577
11 „	81	.664	„ 11,.....	97	.658
Noon.	78	.658	„ 12,.....	95	.715
1 p.	78	.665	„ 13,.....	85	.722
2 „	79	.663	„ 14,.....	89	.671
3 „	79	.660	„ 15,.....	87	.639
4 „	80	.665	„ 16,.....	88	.683
5 „	83	.666	„ 17,.....	94	.736
6 „	87	.671	„ 18,.....	95	.757
7 „	89	.672	„ 19,.....	93	.746
8 „	89	.673	„ 20,.....	93	.749
9 „	90	.679	„ 21,.....	87	.730
10 „	91	.678	„ 22,.....	88	.743
11 „	92	.681	„ 23,.....	81	.713
Midt.	92	.682	„ 24,.....	86	.747
			„ 25,.....	90	.715
			„ 26,.....	71	.628
			„ 27,.....	75	.598
			„ 28,.....	82	.659
			„ 29,.....	86	.745
			„ 30,.....	86	.745
			.....	...	...
Means,.....	87	0.668	Means.	87	0.668

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.
1894.														
April 1,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.4
„ 2,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.4
„ 3,.....	...	0.1	0.6	0.9	0.9	0.6	0.6	1.0	0.9	1.0	1.0	0.5	...	8.1
„ 4,.....	...	0.6	1.0	0.6	0.1	0.6	1.0	0.6	0.9	0.9	1.0	0.7	...	8.0
„ 5,.....	...	0.1	0.3	0.2	0.6	0.3	0.5	0.9	0.5	0.1	...	...	...	3.5
„ 6,.....	...	0.2	0.1	...	...	...	...	0.1	...	...	...	...	...	0.4
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	0.1	...	0.8	0.9	0.1	...	...	1.9
„ 12,.....	...	0.2	0.7	1.0	1.0	1.0	1.0	0.8	1.0	0.8	1.0	0.7	...	9.2
„ 13,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.5	...	9.3
„ 14,.....	...	...	...	...	...	0.2	0.8	0.2	0.6	0.8	0.9	...	...	3.5
„ 15,.....	...	...	...	...	...	...	0.4	0.2	...	...	...	0.2	...	0.8
„ 16,.....	...	...	...	...	...	0.2	1.0	1.0	1.0	1.0	1.0	0.9	...	6.1
„ 17,.....	...	...	...	...	...	0.1	...	0.1	...	...	...	...	...	0.2
„ 18,.....	...	...	...	0.3	0.1	...	...	0.1	0.1	...	...	...	...	0.6
„ 19,.....	...	...	...	0.2	0.8	0.2	0.8	1.0	1.0	1.0	0.8	0.3	...	6.1
„ 20,.....	...	...	...	...	...	0.6	1.0	1.0	0.8	1.0	1.0	0.5	...	5.9
„ 21,.....	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	...	9.3
„ 22,.....	...	0.2	1.0	1.0	0.9	0.5	...	0.9	1.0	1.0	1.0	0.8	...	8.3
„ 23,.....	...	...	0.8	1.0	1.0	0.6	1.0	1.0	0.8	1.0	1.0	0.9	...	9.1
„ 24,.....	...	...	0.1	0.8	0.3	...	0.5	...	...	...	...	...	...	1.7
„ 25,.....	...	...	...	0.1	...	0.1	0.3	...	...	...	...	...	...	0.5
„ 26,.....	0.3	1.0	1.0	0.4	0.3	0.9	1.0	1.0	1.0	1.0	0.3	0.9	0.3	9.4
„ 27,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.6
„ 28,.....	...	0.2	...	0.1	0.9	1.0	1.0	0.7	...	...	...	...	...	3.9
„ 29,.....	...	...	1.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.3	...	8.6
„ 30,.....	...	1.0	1.0	0.8	0.5	0.7	0.7	1.0	1.0	1.0	1.0	0.2	...	8.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	0.6	5.8	12.4	12.9	13.3	13.6	17.7	17.6	17.4	17.4	15.7	10.7	0.6	155.7

TABLE VI.

RAINFALL FOR THE MONTH OF APRIL, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
April 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...	...	...	...	...	...	0.020	6
" 7,	...	...	...	0.065	0.010	0.705	0.080	0.050	0.065	...	0.300	0.060	...	...	...	...	...	...	...	...	...	...	0.010	0.020	1.365	10
" 8,	...	...	...	...	...	...	0.010	...	...	0.310	...	...	0.075	...	...	0.050	0.085	...	...	...	...	...	...	...	0.530	12
" 9,	...	...	...	0.010	...	...	0.075	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.085	2
" 10,	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.005	...	...	0.020	10
" 11,	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	10
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	2
" 15,	...	...	0.005	0.010	...	0.015	0.015	0.005	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	5
" 16,	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	5
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.020	0.010	...	0.035	4
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	0.010	1
" 25,	...	0.005	0.010	0.010	0.005	...	0.005	...	..	...	...	...	0.040	0.080	0.150	...	...	...	...	...	...	...	...	...	0.305	8
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.010	0.005	0.005	0.025	3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	0.005	0.015	0.100	0.020	0.735	0.190	0.055	0.070	0.320	0.300	0.060	0.115	0.080	0.150	0.050	0.085	0.020	0.005	0.005	0.010	0.035	0.035	0.025	2.485	82

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF APRIL, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
April 1,	...	1	...	1	8	12	8	13	8	12	9	11	9	11	8	14	8	17	8	12	9	12	8	9	7	5	25	11	26	8	26	7	26	5	15	10	15	8	15	3	15	5	...	1	...	1	...	1	190	7.9	9
" 2,	...	0	...	1	28	2	...	1	3	2	...	1	...	1	7	5	7	10	8	11	7	16	9	12	7	13	8	20	8	23	8	21	8	20	9	15	9	16	10	15	10	16	8	13	10	14	8	12	260	10.8	8
" 3,	8	12	8	16	8	10	9	11	8	7	9	10	8	10	8	12	7	15	8	20	8	24	9	23	8	26	9	25	8	23	8	19	9	18	9	14	9	13	6	11	7	13	8	12	8	10	9	11	365	15.2	8
" 4,	8	8	8	9	8	12	9	8	8	9	7	10	8	13	8	12	7	10	8	12	7	8	8	9	8	11	9	6	9	5	7	8	8	4	13	4	7	4	...	1	...	0	...	1	6	2	...	1	167	7.0	8
" 5,	...	1	...	1	...	1	...	1	...	0	9	3	6	5	6	6	7	5	7	4	3	3	30	4	30	5	28	4	17	11	15	11	16	7	15	6	...	1	29	2	29	2	...	0	29	6	29	4	93	3.9	9
" 6,	29	4	29	2	29	4	29	4	29	3	...	0	29	3	14	12	14	13	14	13	3	14	9	12	11	12	12	15	14	13	15	13	8	12	13	12	15	12	16	14	15	20	15	20	15	13	14	18	258	10.7	14
" 7,	8	19	7	24	9	28	8	28	8	30	6	22	10	12	9	15	6	30	7	32	9	21	7	34	9	25	7	21	7	22	7	21	7	23	6	21	7	16	6	16	7	19	7	18	7	22	7	25	544	22.7	7
" 8,	8	22	7	29	8	28	7	32	7	35	6	34	6	37	7	38	7	35	7	29	7	17	7	14	7	8	5	10	4	4	1	4	32	12	2	8	32	12	1	4	2	11	32	9	4	6	3	4	442	18.4	6
" 9,	1	3	5	5	5	7	3	6	5	11	1	10	4	7	6	5	6	9	6	11	4	9	1	4	4	6	3	12	7	10	6	6	4	6	7	13	7	14	7	15	6	16	7	18	7	26	7	25	254	10.6	6
" 10,	7	25	7	21	7	22	7	22	7	25	7	22	7	23	7	26	7	24	7	24	7	24	7	24	8	23	7	22	8	19	8	25	8	25	8	28	7	24	7	27	8	30	8	28	7	28	7	26	587	24.5	7
" 11,	7	26	7	24	8	27	8	26	8	25	8	24	7	24	7	22	8	20	7	22	7	21	7	20	7	14	7	14	7	15	8	14	8	15	9	16	5	10	6	8	6	6	6	8	6	12	7	15	428	17.8	7
" 12,	7	12	9	13	7	12	7	13	7	13	9	14	8	15	8	15	7	17	7	13	7	15	8	13	7	9	7	7	7	8	7	6	7	3	7	5	7	4	...	1	...	0	...	0	7	2	..	1	211	8.8	7
" 13,	...	0	...	0	...	0	15	2	15	2	...	1	...	0	...	0	...	1	25	6	25	8	25	10	24	9	24	9	24	8	24	4	24	5	29	8	30	7	30	6	27	3	27	3	27	6	27	5	103	4.3	26
" 14,	27	2	27	4	7	15	7	16	7	17	6	19	7	24	7	21	7	22	7	19	8	26	8	25	8	23	9	20	9	20	9	19	9	17	9	18	9	20	9	13	9	13	7	22	7	19	8	17	431	18.0	8
" 15,	8	14	8	18	8	20	7	20	7	13	9	14	7	12	8	8	10	13	9	17	9	16	9	21	8	21	7	20	7	17	8	21	7	14	8	18	7	22	7	14	8	19	7	14	8	13	7	11	390	16.3	8
" 16,	8	14	7	7	8	10	9	14	9	14	7	11	7	15	8	15	7	17	8	12	8	11	11	8	10	13	9	16	8	20	8	17	9	17	9	11	9	15	8	14	8	14	8	15	8	11	8	9	320	13.3	8
" 17,	8	9	8	7	8	11	9	11	11	11	10	9	8	15	7	10	8	12	7	12	9	12	9	12	9	12	7	12	9	13	8	12	8	14	8	18	9	17	7	14	8	14	8	8	9	12	10	20	297	12.4	8
" 18,	11	17	10	18	10	16	10	16	10	20	10	14	11	15	9	15	9	17	9	15	8	18	9	19	8	15	8	17	8	19	9	19	8	22	10	23	11	22	10	18	11	18	8	16	9	12	8	10	411	17.1	9
" 19,	8	13	10	17	8	21	8	14	8	13	8	15	8	11	10	10	7	13	9	16	9	13	10	13	10	14	8	14	7	13	9	16	9	17	8	12	8	14	9	17	8	16	6	13	7	12	7	10	337	14.0	8
" 20,	7	10	7	8	7	8	8	10	8	13	7	13	7	12	9	14	8	11	8	9	7	10	7	16	8	16	7	17	7	17	7	17	7	13	7	10	7	11	6	8	6	8	6	7	7	8	8	8	274	11.4	7
" 21,	8	6	8	6	9	7	9	12	9	6	9	5	9	6	8	6	7	7	7	14	7	13	8	15	7	13	9	16	9	11	8	10	8	11	8	14	7	14	7	12	7	12	7	8	7	5	...	1	230	9.6	8
" 22,	7	4	7	3	...	1	...	0	7	2	7	2	...	1	10	5	8	11	8	12	8	16	8	18	8	16	8	14	8	13	8	14	8	14	7	12	7	12	7	11	7	10	7	8	7	6	7	2	207	8.6	8
" 23,	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	1	10	2	27	5	26	9	25	10	25	10	23	9	19	2	16	6	14	8	...	1	...	0	14	2	26	6	...	1	27	2	...	0	74	3.1	23
" 24,	...	1	...	0	...	0	...	0	...	0	...	0	27	7	10	7	9	8	8	14	10	15	7	15	8	15	8	18	7	12	9	14	8	15	7	14	8	20	8	15	6	16	7	16	7	18	7	18	258	10.8	8
" 25,	7	20	7	14	7	17	7	18	7	18	7	18	7	17	7	18	6	14	6	13	7	12	4	14	7	13	10	9	10	5	...	1	9	8	12	5	8	5	8	10	10	3	9	9	8	9	8	8	278	11.6	7
" 26,	10	10	10	10	10	7	10	3	...	1	10	5	1	18	1	13	2	14	5	14	5	12	3	12	9	18	8	21	9	22	9	22	9	23	8	19	7	15	7	14	7	17	7	19	7	17	7	14	340	14.2	7
" 27,	5	13	7	17	6	16	6	13	7	19	7	23	6	24	7	26	7	24	7	26	7	24	8	23	10	26	10	26	9	22	9	25	9	25	9	19	8	17	8	17	8	21	7	15	6	15	7	15	491	20.5	8
" 28,	7	14	5	13	7	16	7	16	7	17	6	19	7	19	7	23	7	25	7	26	7	26	7	22	7	22	7	17	7	15	7	15	7	16	7	13	7	13	8	14	8	13	6	11	7	12	7	12	409	17.0	7
" 29,	7	13	7	12	7	13	8	10	9	10	8	11	7	11	8	11	8	12	8	15	9	18	8	21	8	18	8	19	8	16	8	15	8	10	14	5	11	5	...	1	...	1	11	2	11	3	9	6	258	10.7	8
" 30,	9	8	9	2	...	0	...	1	9	2	9	4	9	12	9	17	9	15	9	16	9	16	9	15	10	22	9	20	10	20	9	21	8	18	7	23	7	24	7	23	7	23	7	29	7	27	6	31	389	16.2	8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	301	...	302	...	343	...	341	...	350	...	344	...	380	...	402	...	443	...	464	...	459	...	467	...	453	...	461	...	426	...	423	...	417	...	395	...	387	...	340	...	365	...	344	...	349	...	340	9296	387.3	...
Means,	...	10.0	...	10.1	...	11.4	...	11.4	...	11.7	...	11.5	...	12.7	...	13.4	...	14.8	...	15.5	...	15.3	...	15.6	...	15.1	...	15.4	...	14.2	...	14.1	...	13.9	...	13.2	...	12.9	...	11.3	...	12.2	...	11.5	...	11.6	...	11.3	309.9	12.9	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
April 1, ...	0	...	...	0	...	...	0	...	...	1	cum.	...
„ 2, ...	0	...	...	0	...	...	1	cum.	SSE	1	cum.	SSE
„ 3, ...	1	cum.	S	3	cum.	S	8	cum.	SSE	8	cum.	S
„ 4, ...	1	cum.	SSE	1	cum.	SSE	2	cum.	SSE	10	cum.	S
„ 5, ...	0	...	...	0	...	...	8	cum.	WSW	8	cum.	WSW
„ 6, ...	7	cum.	...	6	cum.	...	9	sm-cum. / cum.	WSW / SSW	10	str-cum.	SSW
„ 7, ...	10	nim.	SE	10	nim.	E	10	nim.	...	10	nim.	E
„ 8, ...	10	nim.	E	10	cum-nim.	E	10	nim.	E	10	cum-nim.	E
„ 9, ...	10	cum.	...	10	nim.	...	10	nim.	E	10	str-cum.	ENE
„ 10, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	str-cum.	E
„ 11, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	...
„ 12, ...	10	fog.	...	10	fog.	...	9	sm-cum.	SSW	5	cum.	S
„ 13, ...	0	...	...	0	...	...	10	fog.	...	2	cum.	...
„ 14, ...	8	cum.	SW	6	cum.	SW	10	nim.	E	10	str-cum.	E
„ 15, ...	10	cum-nim.	...	10	nim.	...	10	nim.	E	10	nim.	SSE
„ 16, ...	10	nim.	ESE	10	nim.	ESE	10	str-cum.	ENE	10	str-cum.	E
„ 17, ...	10	cum.	ESE	10	cum-nim.	ESE	10	fog.	E	10	str.	E
„ 18, ...	10	nim.	ESE	10	nim.	ESE	9	cum.	ESE	10	str-cum.	ESE
„ 19, ...	10	nim.	ESE	10	cum-nim.	ESE	10	nim.	ESE	9	cum.	ESE
„ 20, ...	8	cum.	SE	10	cum.	SE	10	fog.	E	10	nim.	E
„ 21, ...	2	cum.	ESE	8	cum.	ESE	4	cum.	ESE	2	cum.	ESE
„ 22, ...	1	cum.	S	2	cum.	S	2	cum.	S	5	c-cum. / cum.	W / S
„ 23, ...	0	...	...	0	...	...	7	cum.	S	6	cum.	S
„ 24, ...	2	cum.	SSW	8	sm-cum.	SW	9	sm-cum.	W	8	c-cum. / cum.	W / ESE
„ 25, ...	10	cum-nim.	ESE	10	nim.	ESE	10	nim.	E	10	str-cum.	...
„ 26, ...	8	sm-cum.	...	0	...	...	8	c-cum. / sm-cum.	...	8	sm-cum.	NW
„ 27, ...	2	cum.	E	3	cum.	E	4	sm-cum. / cum.	E	2	c-cum. / cum.	E
„ 28, ...	1	cum.	E	7	cum.	E	8	sm-cum. / cum.	ESE	9	R-cum.	E
„ 29, ...	2	cum.	ESE	7	cum.	E	6	sm-cum. / cum.	W / ESE	1	c-cum. / cum.	WNW / E
„ 30, ...	0	...	...	0	...	...	1	cum.	...	8	c-cum. / cum.	E
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	5.4	...	...	6.0	...	...	7.5	...	...	7.4	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
April 1,...	1	cum.	...	0	...	...	0	...	...	0	...	...	0.2
„ 2,...	1	cum.	SSE	1	cum.	SSE	2	cum.	SE	6	cum.	SE	1.5
„ 3,...	4	cum.	S	2	cum.	S	1	cum.	S	2	cum.	SSE	3.6
„ 4,...	4	cum.	S	1	cum.	...	9	cum.	SSW	0	...	...	3.5
„ 5,...	3	sm-cum. / cum.	W	8	cum.	WSW	7	cum.	WSW	1	cum.	WSW	4.4
„ 6,...	8	cum.	SSW	10	cum-nim.	SSW	10	cum-nim.	SSW	10	cum-nim.	...	8.8
„ 7,...	10	cum.	E	9	sm-cum. / cum.	E	10	cum.	E	10	cum.	E	9.9
„ 8,...	10	nim.	E	10	nim.	E	10	cum-nim.	E	10	cum-nim.	...	10.0
„ 9,...	10	str-cum.	E	10	str-cum.	ENE	10	str-cum.	ENE	10	cum-nim.	...	10.0
„ 10,...	10	cum-nim.	E	10	nim.	SE	10	str.	...	10	nim.	...	10.0
„ 11,...	10	cum. / cum-nim.	S / E	8	sm-cum. / cum.	W / S	10	fog.	ESE	0	...	...	8.5
„ 12,...	7	cum.	SSW	3	c-str. / cum.	SSW	2	c-str.	...	0	...	...	5.7
„ 13,...	3	c-str. / cum.	N / ..	2	c-cum.	WSW	1	c-str.	...	9	sm-cum.	SSW	3.4
„ 14,...	7	sm-cum.	WSW	6	c-cum. / sm-cum.	SW / WSW	8	c-cum. / sm-cum.	WSW	9	sm-cum. / cum.	WSW / ..	8.0
„ 15,...	9	sm-cum. / cum.	WSW / E	9	sm-cum. / cum.	WSW / ESE	6	c-cum. / cum.	WSW / ESE	9	sm-cum. / cum.	ESE	9.1
„ 16,...	4	cum.	...	1	cum.	...	0	...	...	9	str.	ESE	6.7
„ 17,...	10	sm-cum. / cum.	E	10	str-cum.	E	10	str.	E	10	nim.	E	10.0
„ 18,...	10	str-cum.	...	10	str-cum.	E	10	str-cum.	E	9	sm-cum. / cum.	ESE	9.8
„ 19,...	9	cum.	ESE	9	cum.	ESE	5	cum.	ESE	1	cum.	SE	7.9
„ 20,...	2	cum.	...	1	cum.	...	0	...	...	1	cum.	...	5.2
„ 21,...	4	cum.	SE	4	c-cum. / sm-cum.	NNW	0	...	...	1	cum.	...	3.1
„ 22,...	4	c-cum. / cum.	SSE	5	sm-cum. / cum.	SSE	0	...	...	0	...	...	2.4
„ 23,...	2	cum.	SW	1	cum.	...	1	sm-cum.	...	3	sm-cum.	S	2.5
„ 24,...	9	sm-cum. / cum.	SE	10	sm-cum. / cum.	W / ESE	10	str. / cum.	ESE	10	nim.	ESE	8.3
„ 25,...	10	nim.	ENE	9	str-cum.	...	9	sm-cum. / cum.	ENE	2	cum.	...	8.7
„ 26,...	1	cum.	...	2	cum.	...	0	...	...	0	...	...	3.4
„ 27,...	1	cum.	E	2	cum.	E	4	c-cum. / cum.	W / E	1	cum.	E	2.4
„ 28,...	5	c-cum. / cum.	E	9	sm-cum. / cum.	E	9	cum.	E	9	cum.	E	7.1
„ 29,...	3	cum.	S	6	c-cum. / cum.	SE	0	...	...	0	...	...	3.1
„ 30,...	5	c-cum. / cum.	...	8	cum.	ENE	10	nim.	E	10	nim.	E	5.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.9	...	...	5.9	...	...	5.5	...	...	5.1	...	...	6.1

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF APRIL, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.27	9.43	0.50	0.13	+0.77	+ 9.30	E 5° N
2 „	1.53	9.47	0.67	0.13	0.86	9.34	E 6° N
3 „	1.13	10.00	0.53	0.10	0.60	9.90	E 3° N
4 „	1.30	10.87	0.67	0.07	0.63	10.80	E 3° N
5 „	1.37	11.20	0.73	0.07	0.64	11.13	E 3° N
6 „	2.13	10.83	0.77	0.00	1.36	10.83	E 7° N
7 „	2.83	11.40	0.60	0.27	2.23	11.13	E 11° N
8 „	1.80	12.63	1.07	0.00	0.73	12.63	E 3° N
9 „	2.53	13.93	0.87	0.00	1.66	13.93	E 7° N
10 „	2.17	14.57	0.80	0.33	1.37	14.24	E 6° N
11 „	1.90	14.27	1.30	0.53	0.60	13.74	E 2° N
Noon.	2.03	14.23	1.00	0.73	+1.03	13.50	E 4° N
1 p.	1.03	13.93	1.53	0.70	−0.50	13.23	E 2° S
2 „	1.50	13.77	1.53	1.07	0.03	12.70	E
3 „	1.00	12.87	1.77	0.60	0.77	12.27	E 4° S
4 „	0.73	12.70	1.90	0.33	1.17	12.37	E 5° S
5 „	1.07	12.70	1.30	0.33	0.23	12.37	E 1° S
6 „	1.30	11.77	2.17	0.13	−0.87	11.64	E 4° S
7 „	1.97	11.43	1.53	0.10	+0.44	11.33	E 2° N
8 „	1.77	10.07	1.23	0.10	0.54	9.97	E 3° N
9 „	1.73	10.63	1.50	0.30	0.23	10.33	E 1° N
10 „	2.00	10.27	0.77	0.10	1.23	10.17	E 7° N
11 „	2.10	10.50	0.80	0.33	1.30	10.17	E 7° N
Midt.	1.83	10.27	0.93	0.20	+0.90	+10.07	E 5° N
Means,.....	1.67	11.82	1.10	0.28	+0.56	+11.55	E 3° N

PHENOMENA :—

Solar halo :—on the 12th.

Lunar corona :—on the 12th and 13th.

Thick fog :—on the 11th, 12th and 17th.

Fog :—on the 13th, 16th and 23rd.

Slight fog :—on the 2nd, 4th, 5th, 18th, 19th and 20th.

Haze :—on the 13th, 24th and 30th.

Unusual visibility :—on the 8th.

Dew :—on the 1st, 2nd, 3rd, 4th, 5th, 6th, 12th, 13th, 20th, 21st, 22nd, 24th, 26th, 29th and 30th.

Lightning without thunder :—on the 6th, 13th and 23rd.

Thunder without lightning :—on the 6th, 8th, 9th and 14th.

Thunderstorm :—on the 7th, 6 a.—11.30 a., SW—NE, nearest at 6.30 a. (3^s) and at 10.5 a. (5^s).

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MAY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.899	29.885	29.873	29.869	29.871	29.895	29.910	29.923	29.938	29.946	29.938	29.928	29.898	29.876	29.864	29.858	29.860	29.875	29.891	29.908	29.923	29.924	29.924	29.911	29.899
„ 2,...	.879	.858	.855	.859	.863	.879	.894	.921	.929	.928	.917	.897	.871	.839	.826	.818	.823	.847	.861	.882	.906	.925	.931	.922	.880
„ 3,...	.906	.891	.875	.875	.889	.907	.914	.923	.926	.924	.913	.893	.859	.833	.809	.791	.787	.791	.806	.824	.848	.854	.858	.857	.865
„ 4,...	.862	.853	.847	.847	.846	.860	.867	.882	.880	.883	.885	.873	.847	.823	.815	.805	.802	.821	.832	.850	.874	.871	.874	.870	.853
„ 5,...	.866	.852	.845	.835	.834	.841	.852	.864	.875	.876	.876	.859	.833	.806	.786	.776	.769	.777	.789	.808	.830	.846	.842	.839	.832
„ 6,...	.824	.806	.804	.811	.822	.833	.839	.839	.845	.840	.836	.811	.778	.758	.735	.724	.718	.719	.720	.733	.758	.767	.761	.751	.785
„ 7,...	.745	.739	.727	.723	.731	.736	.745	.749	.740	.730	.708	.695	.666	.646	.619	.599	.612	.635	.624	.634	.648	.645	.647	.624	.682
„ 8,...	.623	.619	.623	.625	.628	.631	.652	.659	.661	.684	.672	.658	.643	.626	.624	.610	.616	.608	.629	.649	.662	.682	.693	.699	.645
„ 9,...	.693	.691	.681	.689	.689	.694	.706	.726	.745	.752	.760	.740	.737	.719	.702	.701	.696	.698	.709	.726	.747	.749	.752	.757	.719
„ 10,...	.740	.725	.729	.733	.735	.748	.758	.761	.767	.766	.767	.743	.728	.703	.685	.679	.680	.700	.706	.723	.733	.745	.747	.740	.731
„ 11,...	.736	.730	.723	.729	.725	.731	.749	.758	.768	.764	.758	.738	.712	.693	.673	.660	.656	.658	.659	.673	.682	.686	.673	.665	.708
„ 12,...	.656	.645	.638	.632	.629	.643	.661	.667	.678	.670	.650	.626	.610	.590	.579	.565	.554	.567	.582	.599	.608	.617	.620	.608	.621
„ 13,...	.603	.594	.583	.586	.603	.614	.629	.636	.646	.651	.644	.625	.605	.583	.574	.565	.568	.586	.604	.619	.629	.650	.663	.663	.613
„ 14,...	.656	.656	.654	.654	.655	.665	.686	.703	.707	.718	.722	.718	.693	.683	.661	.652	.661	.669	.691	.715	.727	.760	.755	.742	.692
„ 15,...	.730	.711	.708	.724	.724	.748	.760	.767	.781	.782	.774	.762	.740	.709	.684	.672	.688	.704	.710	.748	.748	.752	.741	.736	.733
„ 16,...	.714	.691	.680	.679	.677	.690	.704	.705	.711	.728	.718	.698	.663	.660	.649	.622	.633	.631	.656	.660	.672	.684	.668	.666	.677
„ 17,...	.653	.638	.628	.623	.637	.656	.675	.696	.705	.723	.735	.727	.720	.699	.691	.684	.681	.682	.707	.738	.753	.746	.727	.726	.694
„ 18,...	.721	.717	.704	.701	.689	.708	.735	.752	.757	.774	.776	.760	.732	.700	.662	.654	.657	.661	.678	.697	.709	.732	.723	.709	.712
„ 19,...	.693	.678	.660	.664	.663	.671	.686	.699	.706	.699	.696	.687	.662	.642	.634	.617	.612	.624	.638	.651	.658	.663	.654	.650	.663
„ 20,...	.632	.611	.601	.588	.576	.596	.619	.638	.610	.651	.662	.615	.646	.640	.622	.601	.586	.587	.589	.611	.628	.650	.652	.640	.620
„ 21,...	.616	.605	.591	.573	.585	.593	.612	.620	.635	.642	.630	.632	.660	.649	.646	.644	.641	.652	.657	.673	.695	.714	.717	.711	.641
„ 22,...	.707	.703	.687	.687	.691	.701	.720	.730	.740	.747	.753	.738	.736	.716	.703	.701	.717	.733	.752	.777	.795	.800	.801	.789	.734
„ 23,...	.782	.764	.756	.756	.762	.766	.790	.810	.819	.820	.819	.812	.803	.793	.786	.771	.777	.789	.800	.816	.822	.829	.833	.819	.796
„ 24,...	.801	.780	.768	.785	.773	.768	.788	.800	.812	.809	.809	.806	.781	.765	.749	.733	.734	.741	.752	.770	.778	.787	.787	.777	.777
„ 25,...	.758	.733	.727	.732	.742	.745	.754	.770	.783	.782	.772	.771	.754	.744	.713	.703	.700	.707	.716	.730	.738	.751	.740	.734	.742
„ 26,...	.711	.695	.693	.694	.693	.699	.710	.728	.741	.727	.724	.701	.682	.672	.664	.643	.658	.675	.688	.697	.703	.718	.719	.712	.698
„ 27,...	.692	.684	.672	.668	.676	.693	.705	.701	.714	.720	.701	.694	.682	.670	.666	.661	.662	.669	.690	.708	.712	.715	.708	.703	.690
„ 28,...	.687	.675	.664	.671	.662	.678	.701	.716	.719	.717	.713	.710	.694	.682	.668	.657	.655	.656	.665	.689	.704	.715	.713	.698	.688
„ 29,...	.682	.675	.665	.665	.674	.688	.702	.712	.726	.719	.724	.716	.690	.666	.649	.630	.647	.653	.656	.678	.695	.712	.722	.719	.686
„ 30,...	.706	.687	.668	.664	.675	.690	.706	.712	.724	.726	.718	.704	.687	.664	.669	.658	.661	.660	.677	.693	.708	.735	.739	.725	.694
„ 31,...	.707	.691	.676	.685	.689	.690	.709	.719	.728	.736	.719	.717	.714	.700	.673	.658	.652	.662	.678	.694	.719	.732	.719	.705	.699
Means,.....	29.732	29.719	29.710	29.711	29.713	29.724	29.740	29.751	29.759	29.762	29.758	29.745	29.727	29.708	29.693	29.681	29.682	29.692	29.704	29.722	29.736	29.747	29.745	29.738	29.725

TABLE II.

TEMPERATURE FOR THE MONTH OF MAY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	71.4	71.3	71.2	71.2	71.0	70.8	70.6	70.8	70.7	71.2	71.3	71.6	71.8	71.6	70.9	70.9	70.6	70.3	70.6	70.9	70.6	70.9	70.7	70.8	71.0	72.0	70.3
„ 2,	70.8	71.0	70.8	71.1	71.0	70.7	70.7	71.8	72.4	73.1	73.4	74.6	74.3	73.9	73.7	73.4	72.4	71.9	72.2	72.2	72.3	72.6	72.3	72.4	72.3	75.4	70.2
„ 3,	72.2	72.3	72.5	72.7	72.8	72.8	74.0	75.7	77.0	78.1	78.6	78.6	78.6	78.9	79.0	80.4	80.1	78.9	75.6	75.3	74.7	74.3	73.9	73.5	75.9	81.0	71.9
„ 4,	73.3	74.0	74.3	74.7	74.8	75.0	76.8	77.8	79.8	80.9	80.6	81.3	80.6	79.1	79.9	79.7	78.7	77.1	75.4	75.2	75.3	75.0	75.4	75.4	77.1	82.0	73.3
„ 5,	75.4	75.4	75.3	75.0	75.0	75.3	76.2	78.0	78.9	79.3	79.6	79.0	78.6	80.0	79.9	79.3	77.9	76.0	75.4	75.6	75.5	76.0	75.7	75.6	77.0	81.4	75.0
„ 6,	75.6	75.1	74.8	74.8	74.7	74.6	77.1	79.0	78.8	81.2	81.0	82.7	85.6	82.6	85.2	84.0	81.3	79.5	78.2	77.5	76.7	75.7	75.7	75.8	78.6	85.8	74.3
„ 7,	76.0	76.0	76.1	75.7	75.2	77.1	78.2	79.7	80.8	84.0	85.0	85.7	86.8	86.9	87.8	86.6	84.9	76.0	76.7	78.0	77.9	78.5	78.0	77.6	80.2	89.2	74.7
„ 8,	77.6	77.7	77.1	77.8	78.0	78.0	79.7	80.4	81.7	77.5	77.0	76.2	77.2	77.5	78.0	77.0	75.4	75.6	75.9	76.0	76.0	76.1	75.6	75.6	77.3	81.7	75.4
„ 9,	75.6	75.5	75.2	74.8	74.6	74.2	73.8	73.9	74.2	74.6	76.3	78.5	77.0	76.8	77.1	76.7	75.5	75.3	75.3	75.8	75.8	76.0	76.1	76.4	75.6	78.5	73.8
„ 10,	76.0	76.0	76.1	75.6	75.3	75.2	75.6	75.9	77.2	77.8	77.0	79.9	80.0	78.9	79.4	79.1	78.7	77.4	76.9	76.7	76.6	76.5	76.6	76.5	77.1	80.9	75.2
„ 11,	76.5	76.5	76.4	76.1	76.3	76.3	77.1	76.6	77.0	76.7	77.0	76.4	76.8	78.2	77.3	76.2	75.7	75.6	75.8	76.0	75.9	76.2	76.3	76.1	76.5	78.6	75.2
„ 12,	76.0	76.2	75.9	75.9	75.9	76.2	77.6	78.3	79.6	81.2	81.6	83.4	83.0	82.2	82.3	81.9	81.1	79.7	79.0	78.6	78.0	77.4	77.2	77.0	79.0	83.8	75.3
„ 13,	77.2	76.7	78.0	77.5	77.6	78.2	80.0	81.9	82.2	83.2	85.1	86.6	84.3	83.0	83.7	82.6	81.8	80.5	80.0	80.0	79.1	79.4	79.2	78.6	80.7	87.0	76.2
„ 14,	79.2	79.1	78.7	78.7	78.6	79.5	80.1	81.8	83.6	85.7	84.0	86.2	86.8	85.2	85.0	85.1	83.2	80.6	80.3	79.6	79.3	79.3	79.0	79.4	81.6	88.4	78.6
„ 15,	79.3	79.1	78.8	78.4	78.2	78.2	80.2	81.9	82.9	84.1	83.2	83.5	83.1	83.8	83.2	82.3	81.6	80.9	80.0	80.1	79.7	80.0	79.6	79.5	80.9	85.2	77.9
„ 16,	79.2	79.2	79.2	79.2	79.1	79.1	79.6	79.6	79.7	77.0	77.3	77.7	82.0	76.0	76.9	76.8	76.3	77.4	75.9	76.9	77.5	79.1	79.2	79.6	78.3	82.2	75.2
„ 17,	79.8	80.0	79.3	80.0	80.1	79.1	79.8	82.1	82.9	75.8	75.3	76.9	77.7	76.0	77.1	76.6	76.1	76.6	77.2	78.2	77.5	77.8	78.0	77.8	78.2	83.1	74.4
„ 18,	78.1	76.7	75.7	79.1	79.9	80.4	80.6	77.7	80.8	75.4	75.0	77.7	78.9	84.0	83.7	83.3	83.0	82.9	81.2	81.5	81.2	81.2	81.5	80.9	80.2	84.1	74.9
„ 19,	81.0	80.8	80.8	80.8	81.0	81.1	81.9	82.3	82.2	82.0	77.1	75.6	76.5	80.8	81.5	82.0	81.6	81.8	81.8	81.8	81.6	81.1	81.1	81.0	80.8	82.3	74.7
„ 20,	80.7	80.3	79.6	79.4	79.3	79.0	78.0	76.1	75.1	75.4	75.8	76.2	75.9	76.1	76.2	75.9	75.1	78.8	80.1	77.8	80.1	81.6	81.1	81.7	78.1	81.7	73.7
„ 21,	81.2	81.2	81.2	80.7	80.7	81.0	81.3	81.8	83.3	83.0	82.7	82.8	73.5	73.7	74.0	73.6	73.9	74.0	74.0	73.4	72.8	73.1	73.1	72.7	77.6	83.4	72.7
„ 22,	73.0	72.6	72.5	72.8	72.1	72.4	72.9	74.8	76.8	79.0	79.9	79.2	80.3	79.1	77.8	76.3	75.6	75.2	74.5	74.4	74.1	73.8	73.8	73.3	75.3	81.5	71.8
„ 23,	73.1	72.8	72.8	72.5	71.8	73.0	74.1	75.7	76.0	76.2	76.8	76.7	77.6	76.6	75.4	74.4	72.1	70.9	71.4	73.8	73.9	74.3	76.9	75.1	74.3	78.4	70.7
„ 24,	74.9	74.5	74.6	74.8	74.7	74.7	75.3	76.0	76.4	76.8	77.0	77.6	76.8	76.5	77.9	77.8	76.6	75.5	75.2	75.6	75.8	75.2	75.2	75.4	75.9	78.6	73.6
„ 25,	75.2	74.6	74.3	74.0	73.8	73.5	73.2	72.8	72.5	71.6	72.7	71.0	70.4	70.4	70.1	70.2	70.0	70.1	70.1	70.0	69.9	69.9	70.1	69.5	71.7	75.7	69.5
„ 26,	68.9	68.5	69.0	68.7	68.8	68.4	69.7	70.5	70.9	71.8	72.2	72.5	73.0	72.5	72.5	71.6	72.0	72.1	72.1	71.8	72.6	71.9	71.4	71.7	71.0	74.1	68.4
„ 27,	71.6	72.0	71.8	72.0	71.9	72.0	71.5	72.3	72.0	72.7	73.4	73.7	73.6	73.6	73.2	72.4	72.0	72.1	72.1	72.1	73.1	73.0	73.6	72.8	72.5	74.1	70.9
„ 28,	73.0	72.5	72.5	72.7	73.1	73.4	73.6	73.6	73.4	73.4	73.3	72.8	73.2	74.4	73.4	73.9	74.1	73.4	74.1	74.7	74.9	74.9	75.4	75.4	73.7	75.6	72.0
„ 29,	75.2	75.0	75.0	74.9	74.7	74.4	74.5	75.6	77.6	77.7	79.6	79.3	79.1	79.6	78.6	79.0	78.2	77.8	77.1	75.6	75.1	75.1	75.6	75.8	76.7	80.1	73.8
„ 30,	75.8	75.8	75.5	75.7	75.5	75.7	75.6	76.6	78.1	78.1	77.3	78.1	78.7	78.7	77.6	78.7	77.2	77.3	77.6	77.6	77.8	77.9	78.1	77.7	77.2	80.1	75.2
„ 31,	77.7	78.0	77.8	77.6	77.6	77.5	77.9	79.3	80.6	81.7	81.4	81.6	79.3	79.6	80.9	81.8	78.6	77.9	78.6	80.2	80.3	80.0	80.1	79.2	79.4	82.9	77.5
Means,	75.8	75.7	75.6	75.6	75.6	75.7	76.4	77.1	77.9	77.9	78.0	78.5	78.4	78.3	78.4	78.0	77.1	76.4	76.1	76.2	76.2	76.3	76.3	76.1	76.8	80.9	73.8

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF MAY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
May 1,...	69.0	68.6	68.3	67.6	67.5	67.5	67.3	67.1	66.6	67.5	68.6	68.2	68.4	68.3	68.0	68.4	68.5	68.3	68.5	68.6	68.4	68.8	68.3	68.3	68.1	91.4
„ 2,...	68.3	68.3	68.2	68.3	68.4	68.5	68.6	68.7	69.1	69.3	69.5	70.0	69.7	69.6	69.8	70.1	69.6	69.2	69.5	70.0	70.0	70.2	69.9	70.1	69.3	133.6
„ 3,...	70.4	70.6	70.6	70.8	70.8	70.8	71.7	72.1	72.6	73.0	72.8	72.8	72.9	73.0	72.2	72.7	72.0	72.1	72.3	72.1	71.6	72.2	71.7	71.8	71.9	136.4
„ 4,...	71.7	72.2	72.4	72.6	72.5	72.8	73.4	73.4	74.1	74.8	74.9	74.3	74.0	73.8	73.1	73.7	72.6	71.7	72.7	72.6	72.6	72.8	73.6	73.4	73.2	145.3
„ 5,...	73.5	73.4	73.5	73.1	73.1	73.1	73.4	74.2	74.1	74.2	74.1	74.0	73.6	74.7	74.1	74.0	73.8	73.3	73.2	73.9	73.7	73.7	73.3	73.5	73.7	146.4
„ 6,...	73.2	73.4	73.4	73.4	73.3	73.3	74.7	74.7	74.7	75.3	75.0	75.7	76.5	75.8	75.9	74.9	74.4	73.9	73.0	72.7	73.6	73.3	73.8	73.1	74.2	142.1
„ 7,...	73.6	73.7	73.3	73.3	73.4	74.3	74.9	75.0	75.1	75.4	75.9	76.1	76.1	76.8	76.9	76.7	77.0	74.5	74.3	74.9	75.4	76.3	76.3	76.1	75.2	144.2
„ 8,...	76.1	76.6	75.9	76.4	76.7	76.8	77.6	77.8	77.9	74.1	73.4	73.0	73.4	73.9	74.1	73.8	73.4	73.3	73.0	73.5	73.5	73.6	73.4	73.2	74.8	135.5
„ 9,...	73.4	73.4	73.1	72.7	72.2	71.8	71.2	70.9	71.0	71.9	71.8	72.0	72.0	72.1	72.5	72.9	72.7	72.9	72.9	73.3	73.3	73.4	73.5	73.8	72.5	134.9
„ 10,...	74.1	74.0	74.0	74.3	73.9	73.6	73.6	74.0	74.7	74.0	74.8	75.3	75.6	75.1	75.6	75.0	75.1	74.6	74.5	74.3	74.5	75.0	74.5	74.7	74.5	138.1
„ 11,...	74.8	74.8	74.8	75.0	75.0	75.0	74.8	74.3	75.6	75.0	75.0	74.4	75.2	75.6	74.9	74.8	74.6	74.2	74.1	74.4	74.6	74.4	74.0	74.3	74.7	117.1
„ 12,...	74.4	74.5	74.2	74.5	74.5	74.6	74.6	74.6	74.8	75.4	75.8	75.9	75.5	75.4	75.1	75.0	75.2	74.8	75.1	74.8	74.9	75.2	75.6	75.6	75.0	144.5
„ 13,...	75.6	74.8	74.6	74.6	75.0	75.8	75.8	76.1	75.9	76.3	77.0	77.0	76.5	76.7	76.6	76.0	76.4	75.9	75.7	75.6	75.5	75.8	75.6	75.5	75.8	145.9
„ 14,...	75.3	75.4	75.2	75.4	75.2	75.8	75.6	76.2	76.1	76.8	76.1	76.4	76.7	75.8	75.7	76.0	75.9	75.9	76.9	76.3	75.7	75.6	75.5	75.1	75.9	148.8
„ 15,...	75.1	74.8	74.9	74.8	74.9	75.4	76.3	77.1	77.7	77.9	77.6	77.9	77.1	77.1	76.1	76.5	75.9	75.1	75.4	76.2	76.6	76.6	76.6	77.0	76.3	143.0
„ 16,...	77.2	76.8	76.6	77.0	77.0	77.0	77.4	77.7	77.7	75.4	75.8	76.3	77.8	75.0	74.8	74.9	74.4	75.0	73.6	74.6	76.0	75.2	76.2	76.7	76.1	136.3
„ 17,...	73.9	76.0	76.4	76.5	76.8	77.0	77.5	78.4	78.3	75.3	73.8	75.1	75.6	73.7	74.7	75.0	75.2	76.0	75.5	75.4	75.4	75.0	74.6	75.3	75.7	113.0
„ 18,...	75.4	75.5	74.8	77.1	77.3	77.5	77.7	75.8	77.8	74.4	74.1	76.1	76.8	79.5	78.2	78.3	78.1	77.4	77.6	77.5	77.6	77.6	77.5	77.7	77.0	130.2
„ 19,...	77.6	77.5	77.6	77.7	77.6	77.6	78.0	78.3	78.1	77.9	75.8	73.4	75.5	77.7	77.8	78.0	77.6	77.5	77.9	77.9	78.1	78.4	78.1	78.0	77.5	104.6
„ 20,...	78.1	77.7	77.8	77.5	77.5	77.0	77.0	75.7	74.9	74.4	74.7	75.0	75.1	75.2	73.9	74.2	73.9	77.1	77.8	77.8	77.8	77.8	77.6	77.7	76.4	87.8
„ 21,...	77.6	77.6	77.6	77.7	77.6	77.7	77.9	77.8	78.3	79.2	78.2	78.4	72.4	72.6	72.7	71.8	72.7	72.6	72.4	72.3	71.6	71.2	71.1	71.5	75.0	124.3
„ 22,...	71.3	71.1	69.9	68.9	68.8	68.5	68.7	69.0	70.0	70.7	72.0	70.9	71.7	72.5	72.0	70.7	70.5	71.9	71.5	70.6	71.9	69.6	73.1	68.6	70.6	139.9
„ 23,...	67.9	67.6	66.1	67.0	67.8	69.5	70.2	70.1	69.9	67.1	67.2	66.1	65.6	64.6	65.6	62.7	61.1	63.6	63.6	62.3	64.1	63.4	64.1	64.0	65.9	124.4
„ 24,...	65.3	65.2	65.2	65.2	64.9	65.7	65.6	67.0	68.4	68.7	68.4	70.3	69.4	67.6	67.0	65.9	65.9	67.3	67.9	68.3	69.0	69.9	70.2	68.1	67.3	139.0
„ 25,...	68.4	67.5	66.9	67.1	66.5	66.4	66.4	66.4	66.7	67.5	67.4	68.1	68.4	67.4	67.8	67.4	68.1	68.3	68.5	68.4	68.4	68.0	67.8	67.8	67.6	106.3
„ 26,...	67.9	67.6	67.2	67.1	67.0	66.8	67.2	67.4	68.2	68.8	69.6	69.3	69.4	69.6	69.3	69.8	69.1	69.5	70.0	70.1	70.1	70.1	70.0	70.2	68.8	130.1
„ 27,...	69.4	69.3	69.7	69.8	70.0	69.8	69.4	69.4	69.6	69.8	69.7	70.5	70.6	70.5	70.6	70.6	70.6	71.0	70.9	70.9	69.9	71.0	70.8	70.9	70.2	102.2
„ 28,...	71.0	70.8	71.0	70.8	71.0	71.2	71.4	71.6	71.7	72.1	72.2	71.8	71.6	72.1	72.0	72.3	71.9	71.4	72.0	72.4	72.4	73.1	73.5	73.8	71.9	127.5
„ 29,...	73.6	73.5	73.4	73.2	72.6	71.4	71.7	72.0	72.6	73.2	74.4	73.7	73.5	73.6	74.8	73.2	73.7	73.9	72.4	73.1	72.9	73.2	73.3	73.4	73.2	128.6
„ 30,...	73.5	73.4	73.6	73.1	73.2	73.8	74.5	75.0	75.6	75.6	75.3	75.5	75.9	76.4	75.6	76.3	76.1	76.1	76.1	76.0	76.2	76.1	76.1	75.9	75.2	136.7
„ 31,...	76.1	76.0	76.1	76.1	76.1	76.2	76.4	76.5	77.0	76.8	76.8	77.2	74.7	76.4	77.5	76.6	76.4	76.0	76.2	76.4	76.5	76.9	76.2	76.1	76.4	140.9
Means,.....	73.0	73.0	72.8	72.9	72.8	73.0	73.2	73.4	73.7	73.5	73.5	73.6	73.5	73.5	73.4	73.2	73.0	73.0	73.1	73.1	73.3	73.3	73.4	73.3	73.2	129.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MAY, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	87	0.780	May 1,.....	86	0.650
2 „	87	.781	„ 2,.....	85	.677
3 „	87	.774	„ 3,.....	82	.729
4 „	87	.778	„ 4,.....	82	.766
5 „	87	.774	„ 5,.....	85	.788
6 „	87	.781	„ 6,.....	80	.787
7 „	85	.780	„ 7,.....	78	.808
8 „	83	.778	„ 8,.....	89	.830
9 „	81	.780	„ 9,.....	86	.758
10 „	80	.772	„ 10,.....	88	.820
11 „	80	.770	„ 11,.....	92	.837
Noon.	78	.768	„ 12,.....	82	.816
1 p.	78	.765	„ 13,.....	78	.827
2 „	79	.767	„ 14,.....	76	.819
3 „	78	.761	„ 15,.....	80	.846
4 „	79	.758	„ 16,.....	90	.872
5 „	82	.762	„ 17,.....	89	.856
6 „	84	.771	„ 18,.....	86	.886
7 „	86	.780	„ 19,.....	86	.900
8 „	86	.778	„ 20,.....	92	.888
9 „	86	.787	„ 21,.....	88	.835
10 „	86	.785	„ 22,.....	78	.687
11 „	86	.790	„ 23,.....	61	.526
Midt.	87	.788	„ 24,.....	62	.555
			„ 25,.....	80	.622
			„ 26,.....	89	.676
			„ 27,.....	89	.709
			„ 28,.....	91	.759
			„ 29,.....	84	.772
			„ 30,.....	91	.849
			„ 31,.....	87	.870
Means,.....	84	0.775	Means.	84	0.775

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.
1894.														
May 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	0.2	1.0	1.0	1.0	0.5	...	...	...	3.7
„ 3,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.5	11.0
„ 4,.....	...	...	0.2	0.8	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.4	8.8
„ 5,.....	0.1	0.4	1.0	1.0	0.9	0.5	0.1	0.3	1.0	1.0	1.0	1.0	0.2	8.5
„ 6, ...	0.2	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.5
„ 7,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	...	10.9
„ 8,.....	...	0.9	1.0	0.8	...	...	...	0.1	0.2	...	...	...	...	3.0
„ 9,.....	...	...	...	...	0.4	0.3	1.0	1.0	1.0	1.0	...	...	...	4.7
„ 10,.....	...	0.1	...	0.4	0.1	0.2	0.9	1.0	1.0	1.0	1.0	0.9	0.2	6.8
„ 11,.....	...	0.4	0.1	...	...	...	...	...	...	...	...	0.3	0.1	0.9
„ 12,.....	...	0.1	0.1	...	0.1	0.5	0.4	...	0.4	0.2	0.2	0.6	...	2.6
„ 13,.....	0.3	0.7	0.9	0.7	0.9	0.9	1.0	0.9	1.0	0.8	0.6	0.2	...	8.9
„ 14,.....	0.4	0.1	0.8	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.4	10.3
„ 15,.....	0.3	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.3
„ 16,.....	...	0.1	0.1	0.2	...	...	...	...	...	...	...	...	...	0.4
„ 17,.....	...	...	0.3	...	...	...	...	...	...	...	...	...	...	0.3
„ 18,.....	...	...	...	...	...	...	...	0.2	0.5	0.6	0.1	0.6	...	2.0
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	0.1	0.1	...	...	...	...	...	...	...	0.2
„ 22,.....	...	...	0.4	0.4	1.0	...	...	0.5	0.9	0.3	...	...	...	3.5
„ 23,.....	0.2	0.1	...	...	...	...	...	0.1	...	...	...	...	...	0.4
„ 24,.....	...	...	0.3	0.1	...	0.6	0.9	0.1	...	0.2	0.5	0.6	...	3.3
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	0.1	0.1	0.8	0.7	...	1.7
„ 29,.....	...	0.2	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	9.0
„ 30,.....	...	...	...	...	...	...	...	0.2	0.6	0.4	0.2	...	...	1.4
„ 31,.....	...	...	0.1	0.5	0.9	0.5	0.4	...	...	0.8	0.8	...	...	4.0
Sums,.....	1.7	6.8	9.3	9.9	11.0	10.2	12.7	12.4	14.7	13.7	12.0	11.6	3.1	129.1

TABLE VI.

RAINFALL FOR THE MONTH OF MAY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
May 1,	0.005	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	5
„ 2,	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.185	...	...	...	...	...	...	0.185	1
„ 8,	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	0.015	2
„ 9,	...	...	...	0.005	0.010	0.010	0.005	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.045	6
„ 10,	0.010	...	...	0.010	0.015	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	3
„ 11,	0.005	0.005	0.005	0.015	0.015	0.015	0.015	0.015	0.005	0.025	0.010	0.010	...	...	...	...	...	...	...	0.005	...	...	...	...	0.145	6
„ 12,	...	...	0.040	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	1
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	0.210	0.045	...	...	0.350	0.315	...	0.285	0.120	0.005	0.435	0.090	0.050	...	0.150	...	2.055	12
„ 17,	...	...	...	...	...	0.200	...	...	...	0.430	0.495	...	0.015	0.005	0.285	0.050	0.150	...	...	...	...	...	...	...	1.630	9
„ 18,	...	1.200	1.400	0.200	0.050	0.050	0.050	0.100	0.530	1.400	1.200	...	...	...	...	...	...	...	...	...	...	...	...	...	6.180	11
„ 19,	...	0.030	0.010	0.020	...	...	...	0.005	0.005	0.285	0.650	0.500	0.375	0.090	...	...	...	...	...	...	...	...	...	0.025	1.995	7
„ 20,	0.210	0.075	0.065	0.185	0.145	0.170	0.630	0.650	1.500	0.100	0.110	0.090	0.180	0.220	0.110	0.130	0.100	0.080	0.055	0.005	...	...	...	...	4.810	20
„ 21,	†0.040	†0.100	†0.050	†0.050	...	...	...	...	...	...	...	...	1.245	0.295	0.110	0.100	0.065	...	0.010	0.015	...	...	...	...	2.080	8
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	0.005	1
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	..	...	...	...	0.020	0.005	0.015	0.015	0.090	0.030	0.025	0.010	0.040	0.015	0.020	0.030	0.315	14
„ 26,	...	...	...	...	...	...	...	...	0.010	0.025	...	0.010	0.010	0.005	0.010	0.005	...	0.005	0.020	0.005	...	0.005	0.010	...	0.120	9
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.005	0.020	0.010	0.005	0.005	0.010	0.015	0.080	12
„ 28,	...	0.005	0.005	...	...	...	...	0.045	0.030	...	0.005	...	...	...	...	0.030	0.015	...	...	...	...	...	...	...	0.135	11
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	0.010	1
31,	...	...	...	...	...	...	0.005	...	0.005	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	0.070	0.090	2
Sums,	0.270	1.420	1.575	0.490	0.235	0.465	0.710	0.825	2.300	2.325	2.470	0.610	2.195	0.935	0.530	0.625	0.545	0.320	0.565	0.140	0.100	0.030	0.190	0.140	20.010	141

† Clock stopped. Hourly values approximate only. Total correct.

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF MAY, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
May 1,	7	32	6	33	6	33	6	29	7	31	7	28	7	28	7	31	7	33	7	30	7	29	7	24	7	27	7	24	7	25	7	22	7	20	6	19	6	18	7	20	7	23	7	23	7	25	7	22	629	26.2	7
" 2,	7	25	7	23	7	24	7	24	7	24	6	22	6	27	7	24	7	26	7	26	7	27	7	26	7	26	9	25	8	23	7	19	7	18	6	16	7	15	7	15	7	14	8	12	7	11	8	10	502	20.9	7
" 3,	8	10	8	11	6	9	7	10	7	8	7	10	7	12	8	13	7	11	8	16	8	13	8	12	8	14	8	11	6	6	6	3	29	5	29	4	29	2	29	5	29	4	5	2	5	2	...	1	194	8.1	7
" 4,	...	1	...	0	...	1	...	0	...	0	...	0	...	1	...	1	8	3	8	18	8	20	8	19	8	17	8	19	9	16	9	18	7	15	9	18	8	16	9	12	9	16	9	13	8	16	9	14	254	10.6	8
" 5,	8	16	8	14	8	15	8	14	8	16	8	15	8	16	8	17	8	17	8	19	8	19	8	20	8	17	7	16	7	18	8	21	7	16	7	15	7	17	8	13	8	12	9	13	11	5	9	5	366	15.2	8
" 6,	5	7	5	7	8	7	8	7	8	4	8	2	8	5	6	6	8	10	8	12	9	10	9	7	8	7	8	10	18	7	20	7	16	9	15	8	15	4	...	1	15	5	...	0	15	3	4	4	149	6.2	10
" 7,	25	6	25	2	22	3	26	3	27	4	...	1	27	2	27	6	23	7	23	8	23	11	21	13	21	14	22	14	22	15	21	14	21	12	3	12	...	1	...	0	20	4	...	1	26	2	...	1	156	6.5	23
" 8,	26	3	28	4	29	3	28	4	29	5	29	3	27	6	29	6	8	17	7	27	7	27	6	23	6	24	7	21	7	20	7	21	7	20	7	23	7	23	7	24	7	24	7	25	7	18	7	19	390	16.2	6
" 9,	8	19	8	21	7	18	7	17	7	21	7	24	7	26	7	25	7	24	7	23	7	23	6	27	7	24	7	25	8	25	9	20	8	17	8	19	8	17	8	18	9	21	9	19	8	19	9	19	511	21.3	8
" 10,	9	18	9	18	9	12	8	13	8	13	7	13	7	15	8	14	7	14	8	18	9	13	8	19	8	19	8	21	8	19	8	21	8	20	8	21	9	17	9	17	9	17	8	18	9	15	9	16	401	16.7	8
" 11,	9	16	11	11	8	9	9	11	8	13	9	14	14	12	8	16	8	12	7	17	7	13	7	14	8	14	8	16	8	15	9	15	8	16	8	18	8	14	9	15	9	15	9	12	9	13	9	11	332	13.8	8
" 12,	8	7	4	6	6	6	6	5	7	3	9	3	15	6	15	7	15	7	15	8	16	10	15	9	15	8	16	10	15	12	16	9	16	8	15	10	15	7	16	9	16	4	9	3	9	7	9	3	167	7.0	14
" 13,	7	5	...	0	17	7	16	6	15	8	16	6	16	6	15	5	17	5	26	3	16	7	17	10	16	11	15	11	15	12	17	15	15	14	16	12	15	9	15	5	13	7	13	4	13	4	10	4	176	7.3	15
" 14,	14	11	15	7	15	3	15	6	15	6	18	6	...	1	15	8	15	9	18	7	17	7	16	8	16	10	14	13	15	12	15	12	15	12	15	12	14	8	14	9	13	8	12	5	11	6	11	9	195	8.1	15
" 15,	11	10	11	11	12	7	12	3	12	3	...	1	9	4	7	7	8	8	9	9	8	13	8	12	8	18	8	21	8	21	9	23	8	20	8	15	8	16	10	16	8	18	9	17	9	17	8	19	309	12.9	9
" 16,	8	22	8	20	10	19	9	18	9	20	8	17	8	19	9	24	10	27	12	19	8	16	8	17	13	19	15	17	16	9	7	12	14	12	14	8	16	13	16	10	14	16	17	15	16	19	18	19	407	17.0	11
" 17,	18	25	18	27	19	21	19	18	19	18	21	13	21	12	21	10	21	16	17	20	17	21	16	5	16	6	16	15	19	5	14	3	1	5	10	5	16	4	18	6	24	2	...	1	15	5	15	5	268	11.2	18
" 18,	28	3	14	6	5	11	18	19	19	23	19	21	19	19	21	13	20	11	27	11	3	8	5	4	4	6	18	7	17	17	17	12	17	12	19	14	18	12	18	12	17	11	18	9	18	12	16	13	286	11.9	18
" 19,	17	14	18	16	17	18	17	18	19	18	18	23	19	20	19	20	19	21	19	19	28	10	25	6	6	6	19	23	19	24	18	25	19	23	18	16	19	19	19	15	17	8	16	7	17	16	17	16	401	16.7	18
" 20,	17	17	17	11	16	14	16	23	16	23	17	12	4	6	26	13	14	28	21	15	20	7	28	5	7	7	7	6	17	6	6	7	4	10	16	9	15	14	16	14	16	16	17	18	16	17	17	19	317	13.2	17
" 21,	17	24	18	25	18	25	18	24	18	32	19	32	18	32	19	34	19	31	19	29	19	31	19	29	23	15	17	5	19	5	13	3	...	1	13	2	13	3	27	9	28	8	27	8	28	6	28	2	415	17.3	19
" 22,	28	4	28	3	30	5	32	5	32	5	32	5	32	3	32	5	2	4	32	5	24	4	9	4	10	2	8	14	8	16	9	19	8	18	7	15	6	20	7	19	6	20	6	23	7	21	7	25	264	11.0	6
" 23,	7	24	7	23	7	19	6	14	8	9	6	7	7	5	4	8	7	14	5	19	6	15	6	16	6	13	9	12	9	13	9	20	9	21	8	26	5	14	5	13	6	11	6	13	7	23	5	17	369	15.4	7
" 24,	4	16	7	16	6	19	6	16	6	23	7	26	7	27	7	28	7	28	7	29	7	29	6	31	6	27	7	27	7	26	6	25	7	23	7	25	7	23	8	26	7	26	7	30	7	31	7	33	610	25.4	7
" 25,	7	34	7	38	7	42	7	38	7	37	6	32	7	35	6	32	7	31	7	33	7	38	7	34	7	29	7	30	7	30	7	31	7	35	7	32	7	33	6	30	6	33	6	33	6	33	6	31	804	33.5	7
" 26,	6	30	6	26	5	23	5	21	4	21	6	20	5	20	5	21	4	16	5	13	6	16	7	24	7	26	7	21	7	23	7	25	5	24	5	23	7	25	6	24	7	30	6	26	7	31	6	28	557	23.2	6
" 27,	7	34	7	32	6	32	7	31	7	30	6	26	7	32	7	30	7	30	7	26	6	29	7	29	7	28	7	30	7	26	7	27	7	22	6	24	7	22	7	25	7	25	7	27	7	30	7	26	673	28.0	7
" 28,	7	26	6	27	7	22	7	23	7	22	7	23	7	20	7	22	7	22	6	22	7	22	7	21	7	24	7	21	8	22	7	22	6	22	6	22	5	17	7	16	6	13	5	10	7	11	7	8	480	20.0	7
" 29,	7	13	7	11	7	11	7	11	7	11	5	16	7	15	6	15	4	15	7	15	7	17	8	22	8	20	9	20	9	22	8	21	9	20	8	17	8	14	8	11	8	11	9	13	7	13	7	13	367	15.3	7
" 30,	8	12	7	12	9	15	7	13	7	13	8	16	7	15	7	14	7	15	7	18	7	18	7	18	7	19	7	16	6	20	9	18	9	17	9	21	8	22	8	23	8	25	9	24	9	22	8	21	427	17.8	8
" 31,	9	22	10	15	9	18	9	18	12	15	9	20	10	24	10	21	10	26	12	22	12	21	13	19	13	17	9	13	9	17	11	18	8	22	8	20	8	21	11	22	13	27	13	24	13	26	14	25	493	20.5	11
Sums,	...	506	...	476	...	471	...	462	...	479	...	457	...	471	...	496	...	538	...	556	...	544	...	527	...	514	...	534	...	527	...	528	...	509	...	501	...	460	...	454	...	474	...	448	...	479	...	458	11869	494.5	...
Means,	...	16.3	...	15.4	...	15.2	...	14.9	...	15.5	...	14.7	...	15.2	...	16.0	...	17.4	...	17.9	...	17.5	...	17.0	...	16.6	...	17.2	...	17.0	...	17.0	...	16.4	...	16.2	...	14.8	...	14.6	...	15.3	...	14.5	...	15.5	...	14.8	382.9	16.0	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
May 1, ...	10	nim.	...	10	nim.	...	10	cum-nim.	...	10	str.	E
„ 2, ...	10	cum.	...	10	cum.	...	10	cum.	E	10	str-cum.	E
„ 3, ...	0	...	...	10	cum.	...	4	c-cum. / cum.	ESE / E	3	c-cum. / cum.	E
„ 4, ...	0	...	...	10	cum.	...	10	cum.	...	9	cum.	E
„ 5, ...	6	cum.	SE	8	cum.	SE	7	cum. / nim.	SSE / SE	5	c-cum. / cum.	ESE / SSE
„ 6, ...	0	...	...	1	cum.	SE	1	cum.	E	5	cum. / cum.	SSW / ESE
„ 7, ...	0	...	...	0	...	...	1	sm-cum. / cum.	...	1	cum.	W
„ 8, ...	0	...	...	6	cum.	...	2	c-cum. / cum.	NNW / W	10	nim.	E
„ 9, ...	10	cum-nim.	...	10	nim.	...	10	nim.	E	9	cum. / nim.	S / ENE
„ 10, ...	10	nim.	...	10	nim.	...	9	cum.	ESE	8	c-cum. / cum.	ESE
„ 11, ...	10	nim.	...	10	nim.	...	7	sm-cum. / cum-nim.	S	10	str-cum.	SSW
„ 12, ...	10	cum.	...	7	cum.	SSE	10	sm-cum. / cum.	S	9	c-cum. / cum.	SW
„ 13, ...	8	cum.	SSW	1	cum.	...	4	c-cum. / cum.	SSW	7	c-cum. / cum.	SSW
„ 14, ...	4	cum.	SSW	3	cum.	SW	6	c-cum. / cum.	SW	7	c-cum. / cum.	SSW
„ 15, ...	2	cum.	SE	1	cum.	SE	2	cum.	S	3	c-str. / cum.	S
„ 16, ...	7	cum.	SE	8	cum.	SE	9	c-cum. / cum.	ESE	10	nim.	ESE
„ 17, ...	10	nim.	SSW	7	cum-nim.	SW	10	sm-cum. / cum-nim.	WSW	10	nim.	SW
„ 18, ...	10	cum-nim.	SW	10	nim.	SW	10	str. / cum.	WSW	10	nim.	...
„ 19, ...	10	cum-nim.	WSW	10	cum.	SW	9	sm-cum. / cum.	NW / SW	10	nim.	WSW
„ 20, ...	10	nim.	SW	10	nim.	SW	10	nim.	...	10	nim.	WSW
„ 21, ...	10	nim.	SW	10	nim.	SW	10	nim.	WSW	9	c-str. / cum.	WSW
„ 22, ...	10	cum-nim.	NW	10	cum.	...	10	str-cum.	WNW	7	c-cum. / cum.	W / ..
„ 23, ...	7	sm-cum.	W	6	sm-cum.	W	8	sm-cum.	WSW	9	sm-cum.	W
„ 24, ...	7	cum.	SW	10	cum.	SW	9	sm-cum.	W	10	sm-cum. / cum.	W / E
„ 25, ...	10	str. / cum.	SSW	10	cum.	...	9	str-cum.	ESE	10	nim.	E
„ 26, ...	10	nim.	E	10	cum-nim.	E	10	cum.	E	10	str-cum.	ENE
„ 27, ...	10	cum-nim.	E	10	nim.	E	10	nim.	E	10	R-cum.	E
„ 28, ...	10	nim.	...	10	nim.	...	10	cum-nim.	E	10	nim.	ENE
„ 29, ...	10	cum-nim.	...	10	cum.	...	4	c-cum. / cum.	SSE / E	4	c-cum. / cum.	E
„ 30, ...	10	cum-nim.	E	10	cum.	...	10	cum-nim.	E	10	str-cum.	E
„ 31, ...	4	cum.	ESE	5	cum.	SE	9	cum. / cum-nim.	SSE	8	c-str. / cum.	W / SSE
Means, ...	7.3	...	...	7.8	...	...	7.7	...	...	8.2	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
May 1,...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	E	10	str-cum.	E	10.0
„ 2,...	6	c-cum. / cum.	E	10	str-cum.	E	10	cum.	E	2	cum.	E	8.5
„ 3,...	5	sm-cum. / cum.	N / ..	1	cum.	...	0	...	...	0	...	...	2.9
„ 4,...	1	cum.	...	0	...	...	0	...	...	0	...	...	3.8
„ 5,...	10	sm-cum. / cum.	SSE	4	c-cum. / cum.	SSE	1	c-cum. / cum.	...	1	cum.	...	5.2
„ 6,...	2	cum.	...	1	cum.	...	0	...	...	0	...	...	1.3
„ 7,...	1	cum.	...	3	c-cum. / cum.	N / W	5	c-cum. / cum.	N / ..	0	...	...	1.4
„ 8,...	10	str-cum.	E	10	R-cum.	E	10	R-cum.	E	9	str-cum.	...	7.1
„ 9,...	6	sm-cum. / cum.	E	9	str-cum.	E	10	R-cum.	E	7	cum.	E	8.9
„ 10,...	3	c-str. / cum.	SE	2	c-str. / cum.	N / SE	8	c-str. / cum.	SE	1	cum.	...	6.4
„ 11,...	10	str. / cum.	S / SSE	10	nim.	...	7	sm-cum. / cum.	SSE	9	sm-cum. / cum.	SSE	9.1
„ 12,...	6	sm-cum. / cum.	SW	8	c-cum. / sm-cum. / cum.	SW	7	sm-cum. / cum.	SSW	3	c-cum. / cum.	N / SSW	7.5
„ 13,...	4	c-cum. / cum.	SW	5	c-cum. / cum.	SW	4	c-str. / cum.	SW	7	c-str. / cum.	SSW	5.0
„ 14,...	2	cum.	...	1	cum.	...	1	cum.	...	1	cum.	...	3.1
„ 15,...	2	cum.	...	2	c-cum.	...	0	...	...	8	sm-cum.	SSE	2.5
„ 16,...	10	nim.	SSE	10	str-cum.	S	10	nim.	...	10	cum.	SW	9.3
„ 17,...	10	nim.	SSW	10	nim.	SSW	10	cum-nim.	SSW	10	str-cum.	SW	9.6
„ 18,...	10	cum. / cum-nim.	SSW	9	c-str. / cum.	SW	9	cum.	SW	10	str. / cum.	SW	9.7
„ 19,...	10	nim.	WSW	10	str. / cum.	SW	10	cum-nim.	SW	10	nim.	...	9.9
„ 20,...	10	nim.	WSW	10	nim.	SW	10	nim.	S	10	str. / cum-nim.	SSW	10.0
„ 21,...	10	nim.	...	10	nim.	...	10	nim.	...	10	str. / cum.	...	9.9
„ 22,...	8	c-cum. / sm-cum. / cum.	W / W / ..	10	str-cum.	ESE	10	nim.	E	10	str-cum.	...	9.4
„ 23,...	10	sm-cum.	W	10	nim.	...	10	str-cum.	SSW	8	R-cum.	...	8.5
„ 24,...	9	sm-cum. / cum.	W / E	8	c-cum.	W	8	sm-cum.	W	2	sm-cum.	...	7.9
„ 25,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	9.9
„ 26,...	9	nim.	ENE	10	str-cum.	ENE	10	nim.	E	10	nim.	E	9.9
„ 27,...	10	cum-nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	10.0
„ 28,...	10	nim.	E	9	c-cum. / nim.	E	10	str-cum.	E	10	str-cum.	...	9.9
„ 29,...	2	c-cum. / cum.	E	1	c-cum.	WNW	5	c-str.	...	2	cum.	E	4.8
„ 30,...	9	str-cum.	E	10	str-cum.	E	8	cum.	E	6	cum.	E	9.1
„ 31,...	10	c-str. / cum.	SSE	9	c-str. / cum.	S	10	nim.	SSE	10	nim.	...	8.1
Means,...	7.3	...	...	7.2	...	...	7.2	...	...	6.3	...	...	7.4

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF MAY, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.32	12.52	3.35	1.13	−1.03	+11.39	E 5° S
2 „	2.39	11.65	3.48	1.13	1.09	10.52	E 6° S
3 „	2.90	11.45	3.35	1.06	0.45	10.39	E 2° S
4 „	2.48	10.48	3.81	1.16	1.33	9.32	E 8° S
5 „	2.39	10.45	4.29	1.65	1.90	8.80	E 12° S
6 „	2.61	10.32	3.35	1.81	0.74	8.51	E 5° S
7 „	2.48	11.10	3.32	1.65	0.84	9.45	E 5° S
8 „	2.94	11.48	2.94	2.23	0.00	9.25	E
9 „	2.42	12.81	4.13	1.87	1.71	10.94	E 9° S
10 „	2.74	13.16	3.74	2.13	1.00	11.03	E 5° S
11 „	2.68	13.45	3.16	1.58	0.48	11.87	E 2° S
Noon.	2.65	13.68	2.65	1.26	0.00	12.42	E
1 p.	2.32	13.61	2.48	0.87	0.16	12.74	E 1° S
2 „	1.48	13.71	3.65	0.97	2.17	12.74	E 10° S
3 „	1.35	13.03	3.87	1.29	2.52	11.74	E 12° S
4 „	1.55	13.74	4.00	1.03	2.45	12.71	E 11° S
5 „	2.26	12.81	3.32	0.90	1.06	11.91	E 5° S
6 „	2.52	12.90	3.13	0.52	0.61	12.38	E 3° S
7 „	2.06	11.84	2.90	0.55	0.84	11.29	E 4° S
8 „	1.94	11.29	3.26	0.81	1.32	10.48	E 7° S
9 „	2.16	12.06	3.55	0.55	1.39	11.51	E 7° S
10 „	2.23	11.64	3.13	0.52	0.90	11.12	E 5° S
11 „	1.90	12.26	3.71	0.45	1.81	11.81	E 9° S
Midt.	2.10	11.48	3.68	0.48	−1.58	+11.00	E 8° S
Means,.....	2.29	12.20	3.43	1.15	−1.14	+11.05	E 6° S

PHENOMENA :—

Solar halo :—on the 21st and 31st.

Lunar halo :—on the 13th.

Lunar corona :—on the 13th, 15th and 22nd.

Haze :—on the 7th and 24th.

Unusual visibility :—on the 29th.

Dew :—on the 3rd, 6th, 7th, 8th and 13th.

Rainbow :—on the 28th.

Lightning without thunder :—on the 5th, 6th, 12th, 13th, 17th, 29th and 30th.

Thunder without lightning :—on the 17th and 30th.

Thunderstorms :—on the 7th, 4 p.—6 p. in N and NE, distant. On the 18th, 1.30 a.—noon, SW—NE, nearest at 2.37 a. (3^s) and at 7.52 a., (3^s). On the 19th, 9 a.—12.30 p., SW—NE, nearest at 10.3 a. (2^s) and at 11.59 a. ($1^s\frac{1}{2}$). On the 19th, 7.30 p.—9 p. in NW, distant. On the 20th, 2 a.—10.30 p. SW—NE ; a succession of storms, chiefly distant ; nearest at 12.59 p. (8^s), at 2.46 p. (5^s) and at 5.36 p. (12^s). On the 21st, 1.30 a.—5 a. in SW, distant. On the 21st, 12.45 p.—3.45 p., SW—NE, nearest at 1.45 p. (3^s). On the 31st, 8 p.—10 p. in NW, nearest at 9.11 p. (20^s).

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JUNE, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.684	29.672	29.650	29.649	29.643	29.649	29.668	29.674	29.675	29.683	29.680	29.670	29.639	29.614	29.613	29.602	29.608	29.607	29.609	29.608	29.620	29.634	29.620	29.612	29.641
„ 2,...	.608	.588	.572	.575	.592	.610	.646	.663	.676	.672	.668	.655	.638	.632	.633	.630	.630	.623	.625	.647	.663	.674	.670	.663	.636
„ 3,...	.657	.644	.636	.628	.638	.641	.680	.695	.703	.708	.710	.703	.678	.652	.639	.629	.638	.650	.658	.658	.680	.692	.693	.686	.666
„ 4,...	.676	.668	.651	.644	.650	.666	.682	.696	.700	.692	.683	.657	.646	.620	.595	.589	.584	.580	.604	.635	.648	.651	.656	.635	.646
„ 5,...	.609	.593	.585	.569	.579	.586	.602	.613	.617	.605	.603	.600	.584	.569	.550	.538	.529	.537	.540	.547	.558	.575	.584	.568	.577
„ 6,...	.546	.531	.529	.536	.549	.563	.579	.580	.591	.592	.592	.590	.582	.545	.524	.515	.524	.543	.570	.588	.595	.615	.615	.616	.567
„ 7,...	.604	.606	.599	.596	.593	.610	.620	.634	.639	.641	.645	.640	.632	.622	.607	.601	.600	.594	.608	.610	.636	.650	.659	.660	.621
„ 8,...	.645	.630	.620	.605	.608	.612	.613	.632	.633	.633	.642	.626	.622	.614	.592	.580	.576	.579	.597	.605	.617	.630	.632	.619	.615
„ 9,...	.588	.579	.572	.578	.587	.611	.623	.641	.648	.642	.643	.630	.620	.610	.607	.585	.589	.643	.644	.655	.673	.701	.707	.689	.628
„ 10,...	.664	.667	.674	.668	.668	.661	.700	.719	.719	.718	.726	.731	.723	.724	.735	.726	.720	.736	.737	.750	.744	.743	.745	.727	.714
„ 11,...	.728	.721	.716	.724	.740	.754	.760	.772	.779	.787	.774	.769	.744	.734	.714	.713	.726	.736	.766	.771	.771	.732	.725	.714	.745
„ 12,...	.703	.697	.694	.701	.691	.704	.723	.728	.743	.728	.732	.725	.712	.708	.678	.655	.672	.682	.686	.700	.715	.728	.712	.681	.704
„ 13,...	.672	.654	.653	.666	.663	.676	.700	.725	.731	.739	.748	.736	.720	.710	.697	.681	.682	.691	.696	.712	.722	.731	.726	.725	.702
„ 14,...	.711	.704	.706	.715	.707	.706	.725	.730	.733	.732	.737	.727	.717	.705	.688	.672	.680	.687	.708	.726	.736	.753	.745	.738	.716
„ 15,...	.712	.699	.688	.682	.677	.685	.711	.716	.723	.732	.728	.719	.712	.690	.675	.680	.683	.697	.711	.737	.758	.769	.780	.755	.713
„ 16,...	.745	.735	.722	.710	.701	.710	.737	.744	.742	.750	.746	.740	.723	.703	.692	.686	.689	.687	.717	.735	.751	.769	.764	.756	.727
„ 17,...	.733	.713	.711	.706	.700	.702	.717	.720	.722	.735	.732	.722	.719	.693	.675	.656	.655	.659	.675	.707	.724	.741	.746	.730	.708
„ 18,...	.736	.719	.693	.691	.695	.699	.710	.718	.725	.735	.728	.725	.715	.713	.695	.679	.686	.686	.700	.735	.757	.768	.769	.769	.719
„ 19,...	.751	.750	.743	.741	.745	.752	.763	.777	.791	.801	.802	.794	.782	.762	.747	.739	.735	.745	.753	.776	.796	.823	.825	.811	.771
„ 20,...	.790	.778	.769	.762	.758	.778	.797	.808	.818	.817	.819	.816	.800	.789	.778	.767	.758	.759	.759	.782	.801	.806	.815	.802	.789
„ 21,...	.785	.757	.741	.727	.726	.741	.766	.778	.783	.777	.778	.767	.756	.732	.718	.701	.693	.688	.700	.698	.706	.718	.725	.721	.737
„ 22,...	.703	.694	.678	.667	.669	.679	.678	.693	.692	.694	.689	.678	.669	.663	.654	.635	.628	.629	.638	.659	.670	.680	.670	.660	.670
„ 23,...	.641	.620	.616	.618	.624	.635	.639	.653	.660	.655	.658	.655	.628	.628	.619	.610	.600	.605	.613	.626	.643	.650	.658	.649	.633
„ 24,...	.628	.601	.594	.586	.585	.604	.612	.627	.614	.653	.634	.620	.613	.610	.590	.579	.581	.590	.611	.631	.648	.666	.667	.660	.617
„ 25,...	.641	.625	.614	.635	.641	.657	.686	.701	.709	.717	.723	.723	.717	.708	.699	.689	.680	.676	.693	.703	.724	.735	.730	.718	.689
„ 26,...	.690	.691	.688	.699	.694	.707	.719	.719	.728	.732	.721	.706	.694	.681	.664	.646	.632	.627	.630	.650	.661	.672	.665	.657	.682
„ 27,...	.635	.608	.600	.595	.599	.598	.617	.626	.625	.611	.601	.590	.566	.546	.520	.500	.496	.500	.506	.526	.532	.529	.529	.514	.565
„ 28,...	.501	.473	.469	.468	.475	.477	.489	.491	.499	.500	.491	.466	.453	.443	.429	.420	.414	.428	.446	.471	.488	.503	.511	.494	.471
„ 29,...	.487	.474	.472	.476	.487	.483	.500	.506	.530	.545	.509	.499	.489	.470	.456	.445	.453	.456	.490	.523	.547	.567	.563	.559	.499
„ 30,...	.548	.536	.536	.541	.543	.563	.586	.593	.598	.599	.595	.598	.593	.572	.551	.537	.532	.550	.576	.602	.626	.637	.638	.622	.578
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.661	29.648	29.640	29.639	29.641	29.651	29.668	29.679	29.685	29.688	29.685	29.676	29.663	29.649	29.634	29.623	29.622	29.629	29.642	29.659	29.674	29.685	29.685	29.674	29.658

TABLE II.

TEMPERATURE FOR THE MONTH OF JUNE, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	80.4	80.1	80.6	79.6	79.6	80.6	80.6	80.7	80.3	81.3	78.9	79.9	80.0	79.4	76.6	75.3	77.3	77.8	78.2	79.0	78.6	78.6	78.8	79.6	79.2	81.3	74.8
„ 2,	79.6	78.9	79.6	79.2	79.2	77.9	75.5	75.8	79.6	82.0	82.7	83.7	83.5	80.6	78.6	77.8	76.4	76.6	77.2	76.6	76.9	78.0	77.8	78.9	78.9	83.9	74.7
„ 3,	79.1	78.6	78.6	78.6	79.1	79.2	80.0	79.7	80.3	81.3	80.3	76.7	77.8	79.7	80.9	81.1	81.3	80.0	80.0	79.6	80.1	79.8	79.7	79.8	79.6	82.6	76.2
„ 4,	79.6	79.0	79.6	79.6	79.5	79.6	79.8	80.1	81.1	82.4	82.3	82.5	82.8	83.2	84.3	82.8	81.8	81.4	80.8	80.7	80.6	80.7	80.6	80.6	81.1	84.5	79.0
„ 5,	80.0	79.9	80.4	79.9	80.0	79.6	80.1	80.1	80.8	80.7	81.5	81.5	81.1	81.5	81.5	81.7	76.9	78.2	77.7	77.8	78.6	78.1	78.0	77.7	79.7	82.4	76.0
„ 6,	77.5	77.3	77.5	77.0	76.3	75.0	76.8	78.1	78.1	80.9	81.3	82.1	81.7	82.0	81.7	83.7	81.8	79.9	78.9	78.7	78.3	77.7	76.9	75.8	79.0	84.2	75.0
„ 7,	76.3	76.2	75.2	75.7	76.1	76.2	78.0	79.9	80.5	82.1	82.2	83.0	82.8	83.1	82.5	81.8	81.0	80.0	79.0	78.5	78.1	77.9	77.4	77.4	79.2	84.4	74.3
„ 8,	77.2	76.0	75.0	75.1	76.0	75.6	76.7	76.6	77.0	76.3	76.0	78.1	78.4	78.0	79.5	79.8	80.1	80.8	80.6	80.5	80.9	81.1	81.0	81.0	78.2	81.6	75.0
„ 9,	81.1	81.2	81.1	80.9	80.8	81.3	81.5	81.3	81.7	82.6	82.7	83.1	83.3	83.0	81.9	82.2	76.6	74.7	74.7	75.6	75.1	76.6	77.0	76.2	79.8	84.4	74.7
„ 10,	76.7	77.2	78.0	78.0	78.9	78.0	74.0	75.2	77.0	77.2	75.5	74.2	74.0	73.9	73.7	74.6	74.6	74.4	74.7	74.6	74.6	74.9	75.3	75.3	75.6	79.2	73.6
„ 11,	75.2	75.1	75.0	74.4	75.4	75.1	74.7	75.8	76.9	78.4	78.0	76.8	77.0	78.1	77.7	78.7	77.3	76.3	75.4	75.0	74.2	74.1	74.3	74.4	76.0	78.7	73.9
„ 12,	75.0	75.1	75.0	75.2	75.2	74.7	75.2	76.0	75.6	76.3	78.8	78.3	78.3	80.2	79.8	80.2	78.6	79.3	79.1	79.7	78.9	78.9	78.9	78.1	77.5	81.4	73.9
„ 13,	78.6	78.8	78.5	78.1	78.4	78.1	79.0	80.0	80.9	82.2	81.6	82.4	81.4	80.8	80.0	81.1	79.6	79.6	79.3	77.0	77.6	78.6	78.6	78.4	79.5	82.9	77.0
„ 14,	78.1	78.0	77.7	77.6	77.5	77.5	78.8	80.3	82.8	82.8	83.0	83.3	83.9	83.3	82.7	82.7	81.3	81.0	80.8	80.0	79.7	79.9	80.1	80.1	80.5	84.6	77.5
„ 15,	80.0	79.6	79.1	79.1	79.1	79.3	81.1	81.7	83.2	83.1	83.9	83.7	83.1	83.7	83.0	84.4	83.3	81.8	80.6	80.4	80.2	79.2	78.9	78.6	81.3	84.4	78.6
„ 16,	78.6	78.7	78.9	79.6	79.4	78.5	79.6	80.5	80.9	81.8	81.5	82.9	79.1	81.6	79.8	79.7	79.6	78.8	78.8	77.2	78.7	77.9	76.4	76.1	79.4	83.4	76.1
„ 17,	76.7	76.6	75.9	75.6	74.7	76.6	76.6	77.2	78.6	80.2	78.1	78.6	78.6	76.1	78.3	78.8	80.1	80.4	80.7	76.9	77.4	76.7	77.1	76.6	77.6	81.1	74.7
„ 18,	74.1	74.0	74.6	76.6	77.6	79.8	80.1	81.1	82.2	83.1	81.1	81.1	81.0	81.0	81.2	81.6	80.6	80.3	79.6	79.8	79.6	79.8	79.1	79.1	79.5	83.2	73.9
„ 19,	79.2	78.8	78.3	78.0	78.0	73.8	81.0	81.1	81.2	81.8	82.6	82.0	82.9	82.6	83.5	81.9	81.2	80.1	79.7	79.5	79.4	79.0	78.6	78.6	80.3	84.2	77.4
„ 20,	77.8	77.9	77.7	76.7	76.6	79.0	80.1	80.0	80.2	83.0	80.9	81.7	82.4	81.0	81.3	81.3	80.1	80.1	79.5	79.1	78.8	78.6	78.8	78.8	79.6	83.9	76.5
„ 21,	78.6	78.9	78.8	78.9	78.6	78.9	79.6	79.7	81.2	83.2	83.1	84.8	83.9	82.6	84.5	82.5	82.5	81.6	80.6	80.1	80.0	79.6	79.4	79.3	80.9	84.9	78.6
„ 22,	78.9	79.3	79.0	78.4	79.2	79.8	81.3	82.5	82.5	83.7	84.1	83.4	81.1	77.8	79.3	79.9	79.1	79.1	78.6	78.5	78.4	78.4	78.3	77.6	79.9	85.3	77.2
„ 23,	77.3	77.3	77.2	77.3	77.4	77.6	80.2	82.8	83.0	83.3	83.5	84.0	83.3	82.5	82.8	83.4	82.8	81.6	80.4	80.6	78.6	78.6	79.2	79.3	80.6	85.2	77.2
„ 24,	79.8	79.9	79.7	79.8	80.2	80.0	80.0	81.1	80.0	77.5	79.5	80.8	76.6	79.0	78.6	75.9	75.7	79.4	79.6	79.9	79.1	80.0	80.5	80.6	79.3	81.8	75.5
„ 25,	79.0	80.1	78.4	79.3	78.5	78.5	79.8	79.8	80.3	80.8	81.7	81.8	80.5	81.7	80.6	81.2	80.6	79.7	79.3	79.4	79.6	80.2	80.6	80.6	80.1	81.9	78.4
„ 26,	80.6	80.5	80.5	80.4	80.1	78.6	79.9	80.6	76.3	79.9	80.6	80.3	81.7	83.3	83.3	82.8	83.1	81.0	80.0	79.6	78.8	78.9	78.6	78.6	80.3	83.8	75.9
„ 27,	78.6	78.6	78.6	77.9	77.6	78.6	79.4	80.8	81.8	83.2	84.8	86.8	87.0	86.7	86.2	86.7	85.6	83.7	83.3	82.7	82.6	81.1	81.2	80.6	82.3	87.4	77.3
„ 28,	79.7	79.5	79.6	79.5	79.4	80.7	81.5	82.2	83.0	85.2	85.5	87.9	87.1	88.0	88.7	88.1	87.8	86.0	85.0	84.8	84.6	83.4	83.6	82.7	83.9	88.9	79.4
„ 29,	82.6	82.8	82.6	82.6	81.6	81.6	78.0	79.5	79.0	83.8	83.5	85.3	85.0	86.0	85.1	85.7	85.7	84.0	83.2	83.1	83.2	83.4	82.6	82.4	83.0	86.0	78.0
„ 30,	82.3	81.6	81.6	82.2	81.6	81.6	81.2	83.0	84.4	86.1	85.5	85.5	84.8	85.0	86.3	85.6	84.4	83.8	82.8	82.7	82.0	81.9	81.6	81.3	83.3	86.4	81.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	78.6	78.5	78.4	78.4	78.4	78.5	79.0	79.8	80.3	81.5	81.5	81.9	81.5	81.5	81.5	81.4	80.6	80.0	79.6	79.3	79.1	79.1	79.0	78.8	79.8	83.6	76.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF JUNE, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
June 1,...	76.1	76.1	76.1	76.0	75.9	76.0	76.3	76.3	76.4	76.7	75.8	75.3	76.2	76.6	74.0	73.2	73.6	74.6	74.9	75.1	75.2	75.3	75.0	75.4	75.5	110.3
„ 2,...	76.1	76.3	76.2	76.6	76.6	76.6	74.2	75.0	76.9	78.1	78.1	80.0	79.2	77.3	76.4	76.4	75.6	75.3	75.5	75.5	75.3	76.2	76.8	76.8	76.5	146.5
„ 3,...	76.8	77.0	76.7	76.5	76.8	76.6	76.9	76.9	77.0	77.2	77.1	75.3	76.1	77.3	77.4	77.3	77.0	76.4	76.3	76.5	76.5	76.6	76.4	76.1	76.7	120.3
„ 4,...	76.7	76.5	76.3	75.9	75.6	75.6	75.6	76.1	76.8	77.3	77.5	77.0	77.4	76.8	78.7	77.2	76.7	76.4	76.4	76.6	76.5	76.7	76.7	76.6	76.7	140.1
„ 5,...	76.7	76.6	76.5	76.5	76.5	76.6	76.7	76.8	77.1	77.0	77.1	77.4	77.6	77.1	77.4	77.7	73.4	73.5	74.6	75.3	74.6	75.4	75.4	75.4	76.2	119.2
„ 6,...	75.5	75.4	73.6	74.4	73.6	72.4	73.8	72.6	72.6	74.3	74.3	75.6	75.2	74.5	74.4	74.3	73.8	72.4	72.6	73.1	72.4	71.2	71.2	71.6	73.5	136.2
„ 7,...	71.4	71.8	71.7	72.1	72.4	73.3	73.9	74.2	74.1	74.8	74.7	74.2	73.0	74.2	74.2	74.3	74.0	74.0	75.6	76.1	75.6	75.1	75.4	75.0	74.0	140.7
„ 8,...	75.1	74.8	74.6	74.7	75.2	75.0	75.2	75.3	75.1	74.4	73.8	74.4	73.6	74.1	76.0	76.3	76.8	77.1	77.1	77.1	77.4	77.9	77.8	77.7	75.7	104.0
„ 9,...	77.4	76.8	76.8	77.0	76.7	76.6	77.4	77.2	77.6	77.2	78.0	78.3	77.6	77.8	77.8	78.5	75.8	73.5	73.5	73.6	73.8	74.3	74.7	74.7	76.4	128.8
„ 10,...	75.1	75.3	75.7	75.2	76.0	77.0	73.1	74.2	75.1	75.6	74.6	73.2	73.2	73.3	73.1	73.8	73.4	72.6	73.7	73.6	73.6	74.2	73.8	74.3	74.3	100.1
„ 11,...	73.3	73.4	73.5	73.4	73.4	73.6	73.2	74.0	74.5	75.4	75.8	75.2	75.6	77.0	76.2	75.6	73.4	73.9	73.4	73.4	73.0	73.1	73.2	73.3	74.2	117.1
„ 12,...	72.8	72.7	72.8	73.2	73.3	72.8	73.4	73.9	73.9	75.1	74.8	74.9	73.6	76.2	76.5	76.1	77.1	75.9	75.8	75.6	75.7	75.7	75.8	75.9	74.7	104.0
„ 13,...	75.0	74.7	75.1	75.1	75.1	75.8	76.9	76.2	76.0	76.0	75.9	76.9	78.5	78.3	75.8	76.3	75.9	76.8	76.7	77.0	76.8	76.2	77.1	77.1	76.3	136.7
„ 14,...	76.6	76.6	76.4	76.1	76.6	76.6	77.1	77.4	78.7	78.2	78.3	79.0	78.7	78.2	78.2	78.7	78.2	77.8	78.0	77.8	77.8	77.8	77.6	76.8	77.6	141.5
„ 15,...	77.6	77.8	77.1	77.8	77.6	77.1	78.2	78.2	79.4	79.0	79.0	78.8	78.8	78.9	78.7	79.4	77.1	77.0	77.8	77.6	75.6	75.0	75.8	76.3	77.7	146.2
„ 16,...	76.6	76.7	76.8	76.6	77.0	76.2	76.7	77.4	77.2	76.6	77.4	77.8	76.1	76.6	76.9	76.2	75.8	76.1	76.3	74.8	76.0	76.8	75.7	75.4	76.5	143.7
„ 17,...	75.8	75.6	74.6	74.0	72.9	75.4	74.2	75.4	76.4	77.1	75.4	76.1	73.1	73.6	76.3	76.9	76.7	76.5	77.6	74.3	75.0	75.0	75.4	75.6	75.4	121.5
„ 18,...	72.6	72.6	73.6	75.5	76.6	76.5	76.7	77.0	77.5	77.9	78.0	78.5	78.3	78.2	78.5	78.7	78.5	78.3	78.0	78.3	78.0	78.4	77.8	77.8	77.2	133.3
„ 19,...	78.1	77.9	77.0	76.7	76.9	77.0	78.0	78.0	78.3	78.3	79.0	78.1	79.0	78.8	78.8	78.1	78.0	77.6	77.5	77.4	77.1	77.4	77.0	77.0	77.8	139.1
„ 20,...	74.0	75.0	74.9	74.7	75.2	76.2	77.8	77.1	77.5	78.1	76.8	77.4	77.7	76.9	77.0	77.1	77.4	77.1	77.1	77.5	77.0	77.0	77.0	77.2	76.7	131.1
„ 21,...	77.4	77.3	76.6	76.6	76.7	76.8	77.6	77.5	78.0	77.9	78.6	79.0	78.8	78.1	79.0	78.5	78.0	76.9	77.1	77.1	77.1	76.6	76.2	77.4	77.5	146.5
„ 22,...	77.2	76.8	76.5	76.6	76.3	76.7	77.1	78.2	78.1	77.7	79.2	77.7	76.4	75.6	75.6	77.3	75.7	76.6	76.6	76.6	76.6	76.5	76.6	76.3	76.9	145.4
„ 23,...	76.4	76.4	76.5	76.4	75.7	76.4	77.9	77.9	78.9	79.0	78.8	79.1	79.0	78.3	78.0	77.0	76.3	77.1	77.6	77.6	74.8	75.6	76.3	76.2	77.2	143.2
„ 24,...	76.4	76.5	76.6	76.9	77.1	77.1	76.6	76.5	77.5	75.8	76.6	76.8	75.1	75.9	75.9	75.8	75.5	75.9	76.5	76.0	76.8	76.9	76.1	76.5	76.4	126.1
„ 25,...	77.2	77.2	76.0	77.0	76.0	76.0	77.0	77.7	76.6	77.1	77.9	77.9	77.6	77.9	77.4	76.9	76.6	76.2	76.5	76.1	76.6	76.8	77.2	77.4	77.0	132.5
„ 26,...	77.4	76.6	77.0	76.9	77.2	76.4	76.8	77.4	75.4	76.9	77.0	77.2	78.2	77.5	76.6	77.2	76.3	76.6	76.8	76.6	76.8	76.6	76.8	76.6	76.9	136.7
„ 27,...	76.8	76.6	76.9	76.6	76.6	77.1	77.3	78.4	77.9	78.6	79.1	80.7	80.1	78.9	79.6	77.7	79.7	78.4	78.0	78.0	78.0	77.8	77.8	78.3	78.1	142.2
„ 28,...	78.0	77.8	77.6	77.9	78.0	78.1	78.3	79.5	79.0	80.4	80.3	82.4	80.8	80.9	81.8	80.6	79.8	80.8	80.0	80.1	80.2	80.0	79.8	80.4	79.7	141.9
„ 29,...	80.6	80.1	79.4	80.0	80.1	79.8	75.0	75.5	75.9	75.1	78.0	78.5	80.0	81.0	81.0	81.1	80.3	80.1	80.2	80.4	80.7	80.0	79.8	79.6	79.3	143.6
„ 30,...	79.6	79.4	79.6	77.0	77.6	78.6	79.1	79.6	80.0	80.2	80.0	79.7	79.5	79.0	79.2	78.8	78.3	78.2	78.1	78.2	78.3	78.3	78.0	77.9	78.8	142.0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	76.2	76.1	76.0	76.0	76.0	76.2	76.3	76.6	76.8	77.1	77.2	77.4	77.1	77.2	77.2	77.1	76.5	76.3	76.5	76.4	76.3	76.3	76.3	76.4	76.6	132.0

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JUNE, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	89	0.874	June 1,.....	83	0.835
2 „	89	.871	„ 2,.....	89	.881
3 „	89	.868	„ 3,.....	87	.880
4 „	89	.868	„ 4,.....	81	.860
5 „	89	.868	„ 5,.....	85	.858
6 „	90	.876	„ 6,.....	76	.753
7 „	88	.873	„ 7,.....	77	.771
8 „	86	.876	„ 8,.....	89	.856
9 „	85	.878	„ 9,.....	85	.866
10 „	81	.874	„ 10,.....	94	.832
11 „	82	.879	„ 11,.....	92	.822
Noon.	81	.882	„ 12,.....	87	.823
1 p.	81	.874	„ 13,.....	86	.865
2 „	82	.879	„ 14,.....	87	.909
3 „	82	.879	„ 15,.....	85	.903
4 „	82	.876	„ 16,.....	87	.874
5 „	82	.861	„ 17,.....	90	.852
6 „	83	.860	„ 18,.....	90	.904
7 „	87	.874	„ 19,.....	89	.921
8 „	88	.873	„ 20,.....	87	.880
9 „	88	.872	„ 21,.....	85	.899
10 „	88	.872	„ 22,.....	87	.886
11 „	88	.874	„ 23,.....	85	.890
Midt.	89	.880	„ 24,.....	87	.871
			„ 25,.....	87	.888
			„ 26,.....	85	.880
			„ 27,.....	82	.906
			„ 28,.....	82	.959
			„ 29,.....	84	.952
			„ 30,.....	81	.925
			.....	...	...
Means,.....	86	0.873	Means.	86	0.873

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.
1894.														
June 1,.....	...	0.1	...	...	...	...	...	...	...	...	...	...	...	0.1
„ 2,.....	...	...	...	0.8	1.0	0.6	0.1	1.0	0.1	...	...	...	...	3.6
„ 3,.....	...	...	...	...	...	...	...	...	...	0.4	...	0.1	...	0.5
„ 4,.....	...	...	...	0.1	0.7	0.1	0.6	0.7	0.6	0.9	0.5	...	...	4.2
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	...	10.3
„ 7,.....	0.6	1.0	1.0	0.9	1.0	0.9	0.9	1.0	0.6	0.3	0.2	0.3	...	8.7
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	0.2	0.3	0.2	0.7	...	...	...	...	1.4
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	0.2	0.1	...	...	0.1	...	...	...	...	...	...	0.2	0.1	0.7
„ 14,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	10.3
„ 15,.....	0.3	1.0	0.5	0.8	0.8	0.4	0.1	0.4	0.3	0.6	0.8	...	...	6.0
„ 16,.....	...	0.5	0.9	0.5	0.5	0.6	0.8	0.6	0.8	0.1	...	...	...	5.3
„ 17,.....	...	...	...	...	0.1	0.1	...	...	...	...	...	...	...	0.2
„ 18,.....	...	...	0.2	0.5	...	...	...	...	...	...	...	...	...	0.7
„ 19,.....	0.4	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.6	...	...	...	8.9
„ 20,.....	0.6	1.0	0.6	1.0	0.6	...	...	...	...	...	...	...	...	3.8
„ 21,.....	...	...	...	...	0.6	0.8	1.0	0.9	0.6	1.0	0.2	0.1	0.1	5.3
„ 22,.....	0.4	0.7	0.6	1.0	0.6	0.8	0.5	...	...	...	...	...	...	4.6
„ 23,.....	...	0.6	0.6	0.6	0.7	0.6	0.5	1.0	0.1	0.2	...	0.2	0.1	5.2
„ 24,.....	...	0.5	1.0	0.1	...	...	...	...	...	...	...	...	...	1.6
„ 25,.....	...	...	0.1	0.4	0.5	0.4	...	...	0.2	0.3	1.0	0.5	0.1	3.5
„ 26,.....	...	0.1	0.2	...	0.1	0.1	0.1	0.8	1.0	1.0	1.0	1.0	0.7	6.1
„ 27,.....	0.2	0.3	0.6	0.4	1.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.6	9.8
„ 28,.....	0.4	1.0	0.7	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.1	10.2
„ 29,.....	...	...	...	...	0.6	1.0	1.0	0.9	1.0	1.0	0.9	0.8	...	7.2
„ 30,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	8.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	3.1	9.0	10.6	11.7	13.8	12.4	11.8	13.5	12.0	11.4	9.3	6.3	2.0	126.9

TABLE VI.

RAINFALL FOR THE MONTH OF JUNE, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
June 1,	...	...	0.010	0.030	0.085	0.020	0.030	...	0.110	0.265	0.130	0.005	0.025	0.175	0.440	0.030	0.005	...	...	...	...	...	...	...	1.360	11
„ 2,	...	...	...	...	...	0.050	0.095	0.400	0.020	...	...	0.015	...	...	0.040	0.150	0.040	0.010	...	...	...	0.005	...	...	0.825	5
„ 3,	...	...	0.150	0.205	...	...	...	0.040	...	...	0.190	0.065	...	...	...	...	...	...	...	...	...	...	...	...	0.650	3
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	0.005	...	...	...	0.005	...	...	...	...	...	0.140	0.005	...	...	...	...	...	...	...	0.155	1
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	0.330	0.060	0.110	0.205	0.030	0.080	0.030	0.260	0.150	0.130	0.015	0.005	0.045	0.005	...	...	...	0.065	0.045	0.005	...	...	...	1.570	15
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.200	0.800	0.045	0.025	0.005	...	...	...	1.075	4
„ 10,	...	...	...	...	...	0.075	1.225	0.150	0.050	0.065	0.415	0.260	0.475	0.180	0.370	0.090	0.045	0.005	...	...	...	...	...	...	3.405	13
„ 11,	...	0.005	...	...	0.030	0.005	0.020	...	...	...	0.045	0.060	0.035	0.060	...	...	...	...	0.020	0.075	0.045	0.010	0.005	...	0.415	12
„ 12,	0.005	0.005	0.005	0.005	0.005	...	...	...	0.025	0.025	0.015	0.090	0.060	0.010	...	...	0.010	...	...	...	...	...	...	...	0.260	8
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	0.045	0.005	...	0.050	...	...	0.020	...	0.020	0.015	...	...	0.065	...	0.430	...	0.525	0.055	0.045	1.275	5
„ 17,	0.010	0.310	0.220	0.070	0.050	0.020	0.025	...	...	...	0.040	...	0.310	...	0.050	0.050	0.150	...	...	0.865	0.090	0.110	0.015	0.550	2.935	14
„ 18,	0.010	0.010	0.200	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.230	3
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	0.020	0.045	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.065	...
„ 22,	...	...	...	...	...	...	...	...	..	...	...	...	0.090	0.020	...	...	...	...	...	...	...	...	...	...	0.110	1
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	0.010	0.040	0.180	0.120	...	0.550	0.025	...	...	0.150	...	...	0.250	0.240	...	...	...	...	...	...	0.010	1.575	7
„ 25,	0.055	0.070	0.005	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.135	2
„ 26,	...	...	...	...	0.005	0.015	...	0.070	0.105	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.195	2
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	0.305	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.305	1
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.080	0.750	0.695	0.430	0.725	0.450	1.605	0.690	1.175	0.535	0.965	0.530	1.150	0.510	0.920	0.710	0.695	0.880	0.130	1.440	0.145	0.650	0.075	0.605	16.540	107

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JUNE, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
June 1,	14	30	14	31	14	32	14	31	14	31	14	36	14	35	14	33	14	35	15	29	15	23	15	23	15	26	16	23	18	25	16	21	18	22	16	20	17	24	17	23	17	29	18	30	18	33	18	38	683	28.5	16
" 2,	19	35	19	34	19	38	19	36	20	27	20	29	27	21	25	20	26	12	21	13	20	14	20	20	18	19	19	22	21	17	27	11	27	10	23	6	27	7	29	2	...	1	20	2	24	5	19	13	414	17.2	21
" 3,	19	16	22	12	20	10	20	12	20	14	19	19	20	12	19	12	19	5	21	8	20	14	28	12	...	0	...	1	24	4	18	11	19	9	18	15	18	12	18	9	18	11	18	7	18	6	19	11	242	10.1	19
" 4,	21	13	20	14	19	12	18	11	18	14	18	12	18	11	19	14	19	13	18	18	18	17	18	22	19	23	19	22	18	20	19	23	18	22	19	20	19	20	19	17	18	13	17	11	18	13	18	15	390	16.3	19
" 5,	17	19	18	19	18	24	18	23	18	28	18	27	19	23	18	29	18	27	18	29	18	31	18	31	19	24	18	27	20	29	19	31	18	29	20	20	23	13	23	10	21	11	21	13	21	15	21	17	549	22.9	19
" 6,	21	10	22	9	22	11	24	14	24	15	27	13	27	10	24	9	24	8	25	10	22	13	23	17	23	16	24	17	21	17	24	17	25	18	24	14	24	10	23	6	16	3	18	2	18	3	...	1	263	11.0	24
" 7,	...	1	...	0	18	2	...	0	...	1	...	0	25	2	25	2	25	2	13	6	8	12	8	14	10	13	10	15	8	20	7	14	9	13	7	10	8	8	8	3	10	2	14	3	...	1	14	2	146	6.1	9
" 8,	14	2	7	6	29	3	24	3	...	1	32	2	32	4	23	9	23	6	20	14	17	23	18	26	18	26	18	14	16	9	17	8	16	14	17	23	17	21	18	19	17	16	17	18	18	16	17	23	306	12.7	18
" 9,	17	17	17	23	17	25	17	29	18	27	19	28	18	32	19	31	19	30	19	31	19	26	18	31	19	29	18	26	19	28	18	27	27	25	24	21	21	9	20	6	19	2	6	2	13	3	13	3	511	21.3	19
" 10,	29	3	29	2	...	0	32	6	21	13	24	5	22	13	21	13	24	10	24	8	21	7	14	5	28	2	19	3	21	4	24	6	17	3	13	4	7	14	7	15	8	15	7	12	7	10	8	9	182	7.6	16
" 11,	13	3	13	3	...	1	13	2	13	2	13	3	7	2	7	4	6	8	8	9	8	11	9	6	9	4	9	4	9	6	14	4	15	7	12	5	15	7	15	4	5	5	8	14	7	15	7	7	136	5.7	9
" 12,	13	2	...	0	...	0	...	1	...	0	13	2	9	5	6	9	8	11	6	7	17	13	17	14	15	9	16	4	14	7	13	9	6	8	13	9	13	12	13	13	12	9	12	12	11	12	12	13	181	7.5	12
" 13,	12	10	13	11	12	8	10	6	13	2	7	5	8	8	11	8	12	9	14	11	14	9	11	12	8	13	7	17	7	13	7	13	8	18	8	16	10	14	8	13	8	15	8	15	8	18	8	18	282	11.8	9
" 14,	8	15	8	15	9	14	8	10	9	8	9	8	8	6	8	9	8	12	8	13	8	13	8	17	7	13	8	18	7	18	8	15	9	15	9	15	8	9	9	11	8	11	8	12	7	18	9	20	315	13.1	8
" 15,	7	18	8	19	9	13	9	13	8	12	8	10	9	9	8	9	7	8	8	13	7	14	7	12	7	11	8	10	9	9	7	6	15	7	15	3	9	6	9	7	13	10	7	8	9	8	6	6	241	10.0	8
" 16,	7	9	8	11	7	13	8	17	9	17	9	21	9	24	9	21	8	26	9	22	8	21	9	25	10	29	10	27	11	28	13	22	10	20	11	21	8	18	15	8	12	15	7	15	5	9	8	18	457	19.0	9
" 17,	8	16	7	15	5	11	8	14	7	14	9	16	8	16	9	16	8	18	9	16	12	23	10	21	16	20	4	8	11	15	12	18	12	22	11	24	10	27	15	19	13	14	8	17	11	18	8	21	419	17.5	10
" 18,	14	7	5	8	3	5	7	12	8	16	12	24	12	25	12	24	12	19	12	13	8	14	7	11	7	14	7	12	8	11	8	13	8	13	9	13	9	15	9	13	8	13	9	15	8	13	10	14	337	14.0	9
" 19,	9	14	8	8	7	8	9	6	9	9	9	6	8	10	7	12	8	17	9	18	9	19	8	18	7	17	8	18	7	16	8	16	8	12	7	10	8	9	8	4	8	3	8	3	...	0	8	6	259	10.8	8
" 20,	6	7	9	5	7	4	...	0	...	0	...	0	8	2	8	6	8	9	7	12	7	16	7	13	7	11	7	14	7	12	8	10	8	9	8	9	8	8	8	6	8	3	8	2	8	4	8	5	167	7.0	7
" 21,	8	7	8	10	10	10	10	9	10	8	9	9	8	8	10	9	7	10	7	13	7	16	9	11	7	11	7	15	9	12	9	13	9	17	8	12	8	11	10	9	10	9	9	8	9	5	9	8	250	10.4	8
" 22,	10	7	11	3	8	4	10	6	13	5	10	4	11	7	7	6	8	10	12	12	8	14	7	12	20	10	27	6	30	3	9	8	7	9	7	10	7	5	7	6	9	6	9	3	5	4	5	2	162	6.7	9
" 23,	6	2	6	4	8	4	8	3	4	3	...	1	...	1	2	5	6	9	7	10	8	16	7	12	7	16	7	13	7	11	14	9	11	11	11	12	8	11	8	14	6	10	8	14	8	13	8	16	220	9.2	8
" 24,	7	17	7	15	7	17	6	21	7	18	5	21	4	21	6	25	6	25	8	33	7	25	6	30	9	27	7	31	5	34	6	37	8	43	9	48	8	44	8	39	8	43	8	38	8	40	8	37	729	30.4	7
" 25,	8	38	9	34	9	35	9	29	9	30	9	23	9	22	9	20	7	23	8	25	9	25	7	24	8	31	7	28	8	30	7	29	7	28	7	27	8	27	7	20	7	19	7	21	7	19	7	21	628	26.2	8
" 26,	6	20	7	21	7	23	7	18	7	19	7	14	6	15	6	19	7	14	7	12	7	20	9	17	9	17	7	16	8	17	9	13	7	14	8	16	9	13	8	6	9	6	9	5	9	6	9	4	345	14.4	7
" 27,	11	4	9	3	9	3	...	1	...	1	...	1	9	2	...	1	22	6	23	7	23	12	23	12	23	12	21	12	21	12	22	12	21	12	18	10	20	8	20	4	...	1	14	3	19	8	20	11	158	6.6	21
" 28,	25	4	23	5	24	6	24	7	25	6	23	8	24	10	24	9	23	8	22	14	22	11	23	11	22	14	22	13	23	11	22	10	21	8	16	5	16	2	8	3	7	2	4	2	21	4	26	7	180	7.5	22
" 29,	26	7	23	7	21	10	19	12	21	11	18	12	16	16	16	8	15	11	30	10	26	10	18	10	18	13	19	17	18	24	19	14	19	16	20	16	20	15	20	11	19	15	19	13	19	12	19	22	312	13.0	19
" 30,	18	22	20	14	19	20	20	23	19	25	20	21	20	15	21	16	21	16	18	19	19	20	19	20	19	26	18	24	18	18	18	21	19	18	18	12	19	19	18	18	19	16	20	10	19	9	20	9	431	18.0	19
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	375	...	361	...	366	...	375	...	377	...	380	...	387	...	408	...	417	...	455	...	502	...	509	...	496	...	477	...	480	...	461	...	472	...	446	...	418	...	338	...	328	...	330	...	340	...	397	9895	412.3	...
Means,	...	12.5	...	12.0	...	12.2	...	12.5	...	12.6	...	12.7	...	12.9	...	13.6	...	13.9	...	15.2	...	16.7	...	17.0	...	16.5	...	15.9	...	16.0	...	15.4	...	15.7	...	14.9	...	13.9	...	11.3	...	10.9	...	11.0	...	11.3	...	13.2	329.8	13.7	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
June 1, ...	8	cum.	SE	10	nim.	...	10	nim.	SSE	10	nim.	S
„ 2, ...	9	cum.	SSW	10	nim.	SSW	10	nim.	SW	8	c-cum. / cum.	E / WSW
„ 3, ...	7	cum.	SW	10	cum-nim.	...	10	cum-nim.	WSW	10	c-cum. / cum.	WSW
„ 4, ...	6	cum.	SW	4	cum.	SW	10	str. / cum.	W / SW	9	c-cum. / cum.	SW
„ 5, ...	7	cum.	SW	10	cum-nim.	SW	10	cum.	SW	10	nim.	SW
„ 6, ...	4	cum.	W	9	cum.	W	8	sm-cum. / cum.	WNW / W	7	c-cum. / cum.	WSW / W
„ 7, ...	0	...	...	7	str-cum.	...	7	c-str.	WNW	4	c-str. / cum.	WNW / WSW
„ 8, ...	2	cum.	...	10	nim.	...	10	nim.	SW	10	nim.	SW
„ 9, ...	9	cum.	SW	6	cum.	SW	10	cum.	SW	10	sm-cum. / R-cum.	SW
„ 10, ...	9	cum-nim.	...	8	cum.	SW	10	nim.	...	10	nim.	...
„ 11, ...	10	cum-nim.	...	10	nim.	...	9	nim.	WSW	10	str-cum.	WSW
„ 12, ...	10	cum-nim.	...	10	nim.	...	9	c-cum. / sm-cum.	SSW	10	nim.	S
„ 13, ...	10	cum.	SSE	10	cum.	SE	7	sm-cum. / cum.	SW / S	9	sm-cum. / cum.	S
„ 14, ...	4	cum.	SE	2	cum.	S	7	c-str. / cum.	ESE	5	c-cum. / cum.	NNE / ESE
„ 15, ...	5	cum.	SE	2	cum.	SE	8	c-cum. / cum.	NNE / ..	8	c-str. / cum.	N / SE
„ 16, ...	6	c-cum.	...	6	cum.	ESE	7	c-cum. / cum.	E / SE	7	c-cum. / cum.	SE
„ 17, ...	10	nim.	E	10	nim.	E	10	nim.	SE	9	cum.	SE
„ 18, ...	10	nim.	...	10	nim.	...	8	cum.	SSE	9	c-cum. / cum.	SSE
„ 19, ...	9	sm-cum. / nim.	SE	9	sm-cum. / cum.	SE	7	sm-cum. / cum.	SSE	5	c-cum. / cum.	ESE
„ 20, ...	5	c-str. / cum.	N / SSE	1	cum.	...	7	c-str. / c-cum. / cum.	SSE	8	c-str. / cum.	NE / S
„ 21, ...	7	sm-cum. / cum.	SE	7	sm-cum. / cum.	NNW / SE	10	sm-cum. / cum.	SE	8	sm-cum. / cum.	SSE
„ 22, ...	4	c-str. / cum.	SSE	4	c-str. / cum.	SE	3	c-cum. / cum.	SE	8	cum.	SSE
„ 23, ...	8	c-str. / cum.	NW / ..	4	c-str. / cum.	...	8	c-cum. / cum.	N / ..	7	c-cum. / cum.	N / S
„ 24, ...	7	cum.	SSE	6	cum-nim.	SE	7	c-cum. / cum.	ESE	10	str. / cum.	ESE
„ 25, ...	10	nim.	ESE	10	cum.	SE	8	cum-nim.	ESE	8	sm-cum. / cum.	ESE
„ 26, ...	9	cum.	ESE	8	cum.	SE	6	c-cum. / cum.	N / ESE	9	cum.	E
„ 27, ...	4	cum.	ESE	0	...	...	2	sm-cum.	NNE	2	sm-cum. / cum.	NNE / ESE
„ 28, ...	0	...	...	1	cum.	N	2	c-cum. / cum.	WNW	1	cum.	N
„ 29, ...	2	cum.	...	7	cum.	W	10	str. / cum.	W	7	c-cum. / cum.	W
„ 30, ...	7	cum.	WSW	9	cum.	WSW	10	str-cum. / cum.	SW	2	c-cum. / cum.	WSW
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.6	...	...	7.0	...	...	8.0	...	...	7.7	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
June 1,...	10	nim.	S	10	nim.	S	9	sm-cum. / cum.	SSW	7	cum.	SSW	9.2
" 2,...	8	sm-cum. / cum-str.	W / WSW	10	nim.	WSW	9	sm-cum. / cum.	WSW	4	cum.	...	8.5
" 3,...	10	cum.	WSW	8	c-cum. / cum.	SW	10	str. / cum.	SW	10	str. / cum.	SW	9.4
" 4,...	9	sm-cum. / cum.	NE / SW	9	c-str. / cum.	SW	10	str. / cum.	WSW	10	cum.	SW	8.4
" 5,...	10	str-cum. / cum.	SW	10	str-cum.	WSW	9	c-str. / cum.	WSW	10	str-cum.	...	9.5
" 6,...	8	c-cum. / sm-cum. / cum.	.. / NNE / W	5	c-cum. / cum.	SSW / W	5	sm-cum. / str-cum.	WNW / ..	1	cum.	...	5.9
" 7,...	4	c-cum. / sm-cum. / cum.	W / W / ..	8	sm-cum. / cum.	W / ESE	6	sm-cum. / cum.	W / E	3	cum.	...	4.9
" 8,...	10	nim.	SW	10	R-cum.	SSW	10	nim.	SW	8	cum.	WSW	8.8
" 9,...	10	sm-cum. / cum.	SW	10	cum.	WSW	10	nim.	SW	10	str-cum.	...	9.4
" 10,...	10	nim.	...	10	nim.	W	10	str. / cum.	...	10	cum-nim.	...	9.6
" 11,...	9	nim.	WSW	10	str-cum.	SW	10	nim.	...	10	nim.	...	9.7
" 12,...	10	nim.	S	10	str. / cum.	S	10	sm-cum. / cum.	S	10	cum.	S	9.9
" 13,...	9	sm-cum. / cum.	S	9	sm-cum. / cum.	SSE	7	c-cum. / sm-cum. / cum.	.. / W / SE	7	c-str. / sm-cum. / cum.	.. / W / SE	8.5
" 14,...	4	c-cum. / cum.	NNE / ESE	7	c-cum. / cum.	ENE / E	7	c-cum. / cum.	NE / E	1	c-cum. / cum.	...	4.6
" 15,...	8	c-str. / cum.	SSE	8	c-str. / cum.	N / SSE	5	c-str. / cum.	N / ..	6	c-str. / cum.	N / SE	6.3
" 16,...	9	sm-cum. / cum.	SE / SSE	8	sm-cum. / cum.	SSE / SSE	9	str. / cum.	SSE	10	nim.	...	7.7
" 17,...	10	nim.	S	10	nim.	SSE	10	nim.	SSE	10	nim.	...	9.9
" 18,...	10	sm-cum. / cum.	SSE	10	sm-cum. / cum.	S	10	sm-cum. / cum.	S	10	sm-cum. / cum.	SSE	9.6
" 19,...	7	c-cum. / cum.	ESE	8	c-str. / cum.	NNE / SE	5	str-cum. / cum.	SSE	5	sm-cum. / cum.	SSE	6.9
" 20,...	9	str. / cum.	S	10	str. / cum.	SE	10	c-str. / cum.	SE	5	cum.	SE	6.9
" 21,...	8	c-cum. / cum.	S	8	c-cum. / cum.	SE	3	cum.	SE	3	c-str. / cum.	...	6.8
" 22,...	10	cum.	S	9	str.	...	10	sm-cum. / cum.	...	4	sm-cum.	...	6.5
" 23,...	7	c-cum. / cum.	N / SE	8	c-cum. / sm-cum. / cum.	SSE	7	sm-cum. / cum.	SSE	2	cum.	...	6.4
" 24,...	10	str. / cum.	ESE	10	nim.	ESE	10	nim.	E	9	cum.	E	8.6
" 25,...	8	sm-cum. / nim.	ESE	8	c-cum. / cum.	ESE	9	R-cum.	ESE	1	cum.	...	7.7
" 26,...	6	sm-cum. / cum.	E / E	1	sm-cum.	...	0	...	...	0	...	...	4.9
" 27,...	3	cum.	ENE	1	cum.	...	4	c-cum. / sm-cum.	NE	0	...	...	2.0
" 28,...	10	c-cum. / cum.	E / NNW	8	c-cum. / cum.	E / N	5	c-cum.	...	1	cum.	...	3.5
" 29,...	8	str-cum. / cum.	NE / SSW	3	c-cum. / cum.	W	4	c-cum. / cum.	WSW	5	cum.	WSW	5.8
" 30,...	5	cum.	SSW	6	c-cum. / cum.	SW	3	c-cum. / cum.	SW	2	cum.	...	5.5
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.3	...	...	8.1	...	...	7.5	...	...	5.8	...	...	7.4

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF JUNE, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	0.87	6.50	5.60	2.53	−4.73	+ 3.97	S 40° E
2 „	0.63	6.50	5.00	2.73	4.37	3.77	S 41° E
3 „	0.83	5.87	5.93	2.90	5.10	2.97	S 30° E
4 „	0.63	5.70	5.70	3.17	5.07	2.53	S 27° E
5 „	0.43	5.60	6.00	3.67	5.57	1.93	S 19° E
6 „	0.83	5.57	6.53	3.53	5.70	2.04	S 20° E
7 „	1.43	6.00	5.50	3.27	4.07	2.73	S 34° E
8 „	1.10	6.63	5.53	3.87	4.43	2.76	S 32° E
9 „	1.07	7.67	4.70	3.33	3.63	4.34	S 50° E
10 „	0.77	7.77	6.17	3.73	5.40	4.04	S 37° E
11 „	0.73	8.57	7.03	4.00	6.30	4.57	S 36° E
Noon.	1.17	8.47	7.23	4.10	6.06	4.37	S 36° E
1 p.	0.60	7.67	7.87	4.23	7.27	3.44	S 25° E
2 „	1.23	7.97	6.40	3.77	5.17	4.20	S 39° E
3 „	1.17	8.07	6.60	4.23	5.43	3.84	S 35° E
4 „	1.10	7.23	6.87	3.80	5.77	3.43	S 31° E
5 „	1.23	8.07	6.07	3.87	4.84	4.20	S 41° E
6 „	0.37	8.10	6.27	3.20	5.90	4.90	S 40° E
7 „	0.27	8.13	5.10	2.97	4.83	5.16	S 47° E
8 „	0.33	6.07	4.93	2.10	4.60	3.97	S 41° E
9 „	0.37	6.33	4.83	1.50	4.46	4.83	S 47° E
10 „	0.43	7.17	3.77	1.57	3.34	5.60	S 59° E
11 „	0.67	6.90	4.13	2.13	3.46	4.77	S 54° E
Midt.	0.37	7.43	5.30	2.80	−4.93	+ 4.63	S 43° E
Means,.....	0.78	7.08	5.79	3.21	−5.02	+ 3.87	S 38° E

PHENOMENA:—

Solar halo:—on the 4th, 7th, 15th, 19th and 20th.

Lunar halo:—on the 14th, 15th, 16th, 19th, 20th, 21st and 22nd.

Lunar corona:—on the 13th and 15th.

Slight Fog:—on the 27th.

Haze:—on the 19th and 23rd.

Dew:—on the 7th, 15th, 19th, 20th, 21st, 26th and 28th.

Rainbow:—on the 26th.

Lightning without thunder:—on the 6th. 7th, 12th, 18th and 29th.

Thunder without lightning:—on the 22nd and 29th.

Thunder and lightning:—on the 4th and 28th.

Thunderstorms:—on the 1st, 1.30 p.—3.30 p., SW—NE, nearest at 2.56 p. (7^s). The house No. 1 Albany, in Hongkong, appears to have been struck by this flash. On the 2nd, 3.30 a.—9a., SW—NE, nearest at 4.45 a. (12^s). On the 2nd 1.30 p.—2.45 p., SW—NE, nearest at 2.35 p. (6^s). On the 3rd, 4.30 a.—6 a., in N, nearest at 4.50 a. (10^s). On the 8th, 4 a.—5 a., in E, nearest at 4.9 a. (16^s). On the 9th, 6 p.—7.30 p., in S, nearest at 6.30 p. (7^s). On the 10th, 6 a.—8a., in NW, nearest at 7.35 a. (8^s). On the 10th, 10 a.—3 p., SW—NE, nearest at 1.15 p. (8^s). On the 17th, 8 p.—9 p., in N, nearest at 8.3 p. (12^s). On the 17th, 11 p.—18th, 2 a., in SSE, distant. On the 27th, 6.30 p.—midt., distant in NNE—NW. On the 30th, 0.30 a.—4 a., in NW, nearest at 3.14 a. (8^s).

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JULY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.613	29.605	29.598	29.593	29.593	29.601	29.617	29.633	29.644	29.643	29.637	29.613	29.602	29.576	29.562	29.550	29.551	29.556	29.580	29.595	29.606	29.626	29.619	29.600	29.601
„ 2,...	.591	.580	.568	.567	.576	.587	.600	.608	.617	.616	.607	.606	.594	.578	.554	.554	.550	.568	.583	.602	.614	.626	.625	.615	.591
„ 3,...	.600	.600	.590	.591	.592	.613	.625	.652	.658	.659	.664	.658	.642	.643	.636	.642	.638	.653	.653	.667	.690	.713	.703	.679	.644
„ 4,...	.645	.663	.663	.669	.670	.685	.702	.716	.717	.725	.722	.718	.709	.696	.685	.673	.663	.665	.694	.709	.740	.760	.763	.744	.700
„ 5,...	.728	.721	.706	.704	.704	.718	.725	.730	.743	.755	.743	.727	.709	.690	.663	.648	.648	.650	.669	.688	.694	.721	.722	.703	.705
„ 6,...	.687	.679	.683	.685	.676	.690	.700	.703	.704	.698	.681	.670	.657	.634	.613	.595	.587	.583	.591	.608	.631	.643	.637	.632	.653
„ 7,...	.620	.606	.600	.595	.597	.599	.606	.616	.622	.620	.628	.625	.598	.579	.575	.565	.567	.571	.569	.580	.591	.607	.631	.620	.599
„ 8,...	.607	.603	.600	.608	.620	.631	.629	.632	.638	.642	.654	.648	.643	.639	.634	.633	.632	.640	.667	.670	.673	.683	.678	.684	.641
„ 9,...	.676	.675	.678	.682	.703	.720	.717	.736	.747	.744	.750	.749	.738	.728	.717	.699	.702	.715	.734	.745	.754	.766	.764	.756	.725
„ 10,...	.729	.727	.729	.732	.735	.760	.763	.777	.780	.788	.781	.774	.766	.752	.729	.726	.723	.736	.749	.771	.785	.790	.792	.786	.757
„ 11,...	.765	.748	.748	.750	.754	.770	.782	.782	.795	.796	.799	.793	.778	.758	.754	.745	.731	.734	.753	.772	.779	.791	.791	.766	.768
„ 12,...	.755	.740	.739	.740	.744	.759	.781	.796	.798	.808	.796	.788	.778	.760	.747	.721	.714	.691	.681	.710	.732	.766	.765	.756	.753
„ 13,...	.748	.733	.720	.721	.718	.732	.756	.758	.759	.756	.755	.736	.723	.733	.722	.704	.685	.690	.720	.739	.749	.755	.754	.734	.733
„ 14,...	.707	.681	.678	.670	.684	.693	.727	.744	.758	.765	.767	.749	.745	.728	.715	.713	.715	.721	.749	.754	.755	.804	.812	.796	.735
„ 15,...	.788	.811	.793	.771	.779	.791	.796	.795	.795	.798	.820	.805	.793	.770	.766	.776	.792	.768	.758	.786	.795	.808	.813	.787	.790
„ 16,...	.768	.751	.738	.726	.726	.729	.748	.750	.755	.759	.758	.747	.729	.712	.695	.685	.694	.686	.706	.733	.742	.758	.745	.730	.732
„ 17,...	.699	.673	.653	.639	.636	.641	.659	.672	.682	.695	.695	.681	.660	.638	.633	.627	.612	.618	.626	.648	.658	.662	.668	.673	.656
„ 18,...	.660	.642	.620	.614	.611	.623	.636	.645	.657	.663	.671	.658	.645	.618	.606	.587	.573	.572	.581	.603	.627	.648	.654	.645	.627
„ 19,...	.632	.625	.608	.604	.614	.625	.637	.635	.641	.645	.648	.638	.626	.620	.617	.599	.593	.594	.598	.629	.638	.654	.653	.642	.626
„ 20,...	.632	.620	.609	.609	.602	.599	.605	.622	.632	.640	.650	.632	.612	.614	.606	.589	.584	.580	.597	.606	.612	.615	.610	.604	.612
„ 21,...	.586	.575	.578	.588	.580	.577	.589	.596	.613	.609	.615	.606	.597	.592	.584	.578	.581	.584	.589	.608	.621	.638	.636	.635	.598
„ 22,...	.616	.608	.598	.601	.610	.623	.640	.650	.660	.664	.661	.656	.647	.631	.614	.595	.571	.549	.558	.588	.626	.654	.655	.637	.621
„ 23,...	.614	.608	.612	.619	.616	.621	.624	.624	.630	.636	.643	.631	.626	.613	.606	.594	.585	.586	.598	.609	.630	.645	.650	.636	.619
„ 24,...	.631	.615	.605	.593	.595	.612	.616	.617	.617	.617	.617	.608	.596	.596	.588	.577	.563	.568	.580	.596	.612	.618	.616	.598	.602
„ 25,...	.580	.556	.546	.544	.532	.534	.534	.548	.549	.548	.545	.542	.537	.512	.505	.505	.500	.499	.512	.534	.550	.555	.560	.545	.536
„ 26,...	.546	.546	.526	.534	.542	.562	.578	.586	.607	.598	.599	.615	.602	.600	.594	.597	.587	.613	.620	.635	.656	.667	.686	.672	.599
„ 27,...	.660	.648	.643	.645	.647	.665	.682	.699	.705	.713	.725	.725	.715	.715	.691	.680	.669	.677	.684	.711	.724	.752	.753	.743	.694
„ 28,...	.730	.712	.699	.682	.688	.705	.717	.723	.728	.742	.742	.736	.710	.689	.684	.674	.674	.682	.697	.716	.732	.757	.754	.742	.713
„ 29,...	.732	.709	.687	.676	.676	.688	.716	.721	.728	.722	.725	.709	.695	.678	.662	.628	.620	.632	.652	.673	.686	.698	.693	.684	.687
„ 30,...	.668	.654	.645	.638	.643	.664	.683	.692	.693	.692	.695	.674	.653	.631	.606	.585	.582	.579	.602	.637	.645	.647	.650	.633	.645
„ 31,...	.620	.614	.613	.606	.621	.621	.622	.626	.631	.642	.634	.621	.605	.586	.573	.560	.554	.558	.571	.610	.628	.644	.626	.620	.609
Means,.....	29.666	29.656	29.648	29.645	29.648	29.659	29.671	29.680	29.687	29.690	29.691	29.682	29.669	29.655	29.646	29.632	29.627	29.630	29.643	29.662	29.677	29.693	29.693	29.681	29.664

TABLE II.

TEMPERATURE FOR THE MONTH OF JULY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
July 1,	81.0	81.0	80.6	80.1	81.8	80.9	82.8	83.6	84.3	84.6	86.1	87.0	87.7	87.6	86.0	84.8	84.8	83.2	82.6	82.1	82.1	82.1	81.6	81.6	83.3	89.4	80.1
„ 2,	81.5	81.5	80.8	80.3	80.1	80.3	82.0	82.9	83.0	85.3	86.0	86.7	87.0	87.4	85.5	84.5	84.2	83.5	82.5	81.9	81.6	81.1	80.3	79.9	82.9	89.0	79.8
„ 3,	79.4	78.8	78.4	78.6	78.6	78.7	80.6	82.7	83.8	83.8	82.0	81.8	83.0	81.0	80.5	78.4	77.1	76.2	77.2	77.0	77.1	77.1	77.8	77.8	79.5	83.8	76.2
„ 4,	78.0	78.0	77.7	77.6	77.8	78.3	80.7	83.0	81.2	82.3	81.6	83.7	82.1	83.3	83.3	83.0	82.1	81.3	80.9	80.6	79.7	79.9	80.0	79.8	80.7	83.7	77.2
„ 5,	79.9	78.9	79.1	79.0	78.9	79.8	79.3	81.4	82.7	85.2	87.1	86.1	82.2	86.4	85.9	84.9	82.8	82.6	81.6	81.6	81.5	80.8	81.3	81.4	82.1	87.8	78.6
„ 6,	81.0	80.7	81.2	81.3	81.4	81.7	80.1	80.8	81.9	83.3	85.0	86.0	85.6	85.1	85.7	83.7	83.8	83.5	82.3	82.4	82.4	81.9	82.1	81.8	82.7	86.0	79.7
„ 7,	81.2	81.6	81.6	82.4	81.6	81.6	82.8	83.4	84.3	83.6	85.4	84.8	84.5	85.3	84.2	84.2	83.7	83.2	82.8	82.3	82.1	82.1	82.5	82.1	83.1	86.0	80.7
„ 8,	82.3	82.1	82.1	82.0	82.1	80.8	82.7	83.8	34.0	84.4	85.0	86.3	87.0	86.7	84.6	85.3	84.3	83.0	82.5	82.3	82.0	81.6	82.1	81.6	83.4	87.6	80.7
„ 9,	81.1	81.1	81.1	80.2	81.1	80.8	82.7	83.6	84.7	85.2	86.7	86.9	87.4	88.9	87.7	86.3	85.6	84.7	83.1	82.0	81.5	80.6	80.6	79.6	83.5	89.3	79.6
„ 10,	79.5	79.6	79.6	78.6	78.6	78.6	79.7	80.5	81.1	82.4	84.3	84.0	85.5	85.0	84.9	85.8	85.5	83.4	82.5	81.9	81.2	81.3	80.6	80.3	81.8	85.9	78.6
„ 11,	80.0	79.8	78.8	78.7	78.6	79.2	82.8	83.1	84.0	85.2	86.5	84.6	88.5	87.4	88.3	84.7	84.3	83.7	82.4	82.1	82.0	81.2	80.6	80.6	82.8	88.5	78.6
„ 12,	79.7	79.7	78.0	78.6	77.7	80.4	81.0	83.5	84.8	84.9	85.8	85.5	84.5	86.5	85.8	85.9	85.7	83.9	82.1	81.8	81.2	81.1	80.8	80.1	82.5	86.5	77.7
„ 13,	78.9	79.4	78.8	78.2	78.6	79.7	81.2	81.7	83.7	85.2	85.4	85.0	85.8	85.7	81.5	79.0	78.4	78.0	77.4	78.0	77.4	78.1	77.8	78.1	80.5	86.1	77.4
„ 14,	78.8	78.3	74.6	78.3	77.6	75.0	77.3	77.0	77.1	78.1	79.4	74.0	77.7	78.4	78.5	78.4	79.3	79.2	79.0	78.6	78.8	78.6	78.0	77.8	77.8	80.0	73.9
„ 15,	75.4	74.5	73.6	73.7	74.0	74.6	76.3	76.7	78.6	79.6	82.6	83.0	82.5	81.6	81.5	75.6	75.8	74.0	74.1	74.6	76.1	75.9	75.9	75.8	76.9	84.1	73.5
„ 16,	75.0	74.8	74.4	74.9	76.0	78.2	79.4	80.8	81.8	82.3	83.0	83.5	83.5	82.6	83.8	82.9	82.1	82.0	80.6	79.8	79.6	78.9	78.6	78.6	79.9	84.4	73.9
„ 17,	78.7	78.1	77.6	77.5	77.5	77.6	79.5	82.4	83.4	83.2	83.8	85.7	85.0	84.0	83.1	83.0	82.1	81.6	80.6	80.7	80.4	80.6	80.6	80.3	81.1	86.3	77.5
„ 18,	80.6	79.5	78.9	77.8	77.8	78.3	79.6	81.5	83.0	83.2	85.0	85.2	84.1	83.3	83.5	82.9	83.0	81.4	80.6	80.6	80.6	80.7	81.0	80.1	81.3	85.3	77.6
„ 19,	80.1	79.6	79.1	79.6	79.1	79.0	80.7	82.3	82.5	83.1	82.9	84.1	83.7	84.7	84.5	83.8	82.6	81.1	79.6	80.2	77.7	78.6	79.6	79.6	81.2	85.2	77.4
„ 20,	79.8	79.1	79.1	79.0	78.6	79.1	80.6	81.3	78.0	78.3	76.3	78.7	79.7	79.3	77.4	77.7	79.3	79.9	78.7	79.2	80.4	78.6	79.0	78.7	79.0	82.1	75.8
„ 21,	78.6	76.1	77.1	76.1	77.1	77.9	79.7	76.2	76.6	77.3	78.5	76.5	77.3	77.6	77.8	77.6	77.4	77.0	77.8	78.3	78.4	77.3	78.6	78.6	77.6	79.7	76.0
„ 22,	78.8	78.9	78.6	77.6	77.6	77.3	78.0	80.5	80.5	82.1	81.5	81.0	82.1	82.1	81.4	81.6	81.3	80.4	80.0	79.7	79.6	79.6	79.6	79.6	80.0	83.4	77.0
„ 23,	79.1	79.6	79.6	79.1	78.9	79.4	80.2	81.9	82.1	82.4	82.6	82.6	83.5	83.5	83.3	83.1	81.7	80.9	79.9	80.1	79.8	80.0	80.0	80.2	81.0	83.6	78.9
„ 24,	79.5	79.6	79.6	79.6	79.4	79.4	80.0	81.9	83.0	84.1	83.8	83.8	83.5	83.5	83.5	83.7	83.0	82.2	81.2	81.6	81.2	81.2	80.8	80.6	81.7	84.5	79.4
„ 25,	80.3	81.0	81.4	80.6	80.0	78.4	80.2	81.1	81.6	82.8	77.4	79.7	80.1	80.9	81.1	81.3	80.5	79.9	79.0	80.2	80.8	80.4	81.0	81.3	80.5	83.2	76.7
„ 26,	78.6	78.4	79.6	79.6	80.2	80.6	81.7	82.7	80.0	83.7	84.0	80.1	82.8	81.7	83.4	82.6	81.0	77.1	77.2	78.2	78.7	79.2	79.9	80.0	80.5	85.0	76.7
„ 27,	79.6	80.0	77.6	79.4	80.1	77.3	80.3	80.4	81.3	81.7	80.5	80.1	80.5	80.3	80.2	79.3	80.0	80.3	78.8	78.9	78.9	77.0	77.1	76.8	79.4	81.8	76.8
„ 28,	76.6	77.3	77.2	77.6	77.7	77.6	77.6	78.4	81.1	80.7	81.0	80.5	81.2	82.2	82.5	82.0	80.6	81.0	79.6	79.4	78.7	78.6	78.5	78.6	79.4	83.3	76.5
„ 29,	77.3	76.9	77.7	77.6	77.5	78.7	79.3	80.9	82.2	82.4	84.6	84.6	86.0	80.5	83.6	84.0	83.8	83.0	81.5	80.8	80.6	79.8	79.9	78.9	80.9	86.0	76.9
„ 30,	78.8	78.3	78.3	78.2	78.1	79.0	82.0	82.4	83.2	84.8	86.4	87.7	87.3	88.6	87.7	86.2	86.7	84.0	83.0	82.5	81.7	81.6	81.2	80.6	82.8	88.9	78.1
„ 31,	79.9	79.9	79.6	79.1	79.1	79.5	80.3	83.0	84.9	85.8	85.9	86.3	88.0	87.9	88.0	87.8	85.3	84.6	83.0	82.1	81.7	81.5	81.0	80.7	83.1	89.3	79.1
Means,	79.3	79.1	78.8	78.7	78.8	79.0	80.4	81.5	82.1	82.9	83.4	83.4	83.8	83.8	83.5	82.7	82.2	81.3	80.5	80.4	80.2	79.9	79.9	79.7	81.1	85.3	77.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF JULY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
July 1, ...	77.4	77.3	77.5	77.2	77.2	77.0	77.1	78.6	78.9	78.7	78.8	78.9	79.3	79.0	78.9	78.5	78.5	78.5	77.6	77.6	78.1	78.2	78.0	77.8	78.1	142.9
„ 2, ...	77.7	77.6	78.0	78.1	78.5	78.5	79.2	79.7	78.8	79.5	79.8	79.9	80.0	80.2	79.0	78.1	77.0	77.5	77.9	77.9	77.9	78.1	78.8	78.2	78.6	145.4
„ 3, ...	77.3	77.4	77.3	77.2	77.0	76.9	78.0	78.0	79.0	79.0	79.3	78.8	79.0	78.1	78.0	76.0	73.5	74.0	74.5	74.5	73.6	74.8	75.7	76.1	76.8	148.8
„ 4, ...	75.8	76.0	76.1	75.9	76.2	76.3	77.2	78.8	77.0	77.9	77.6	79.3	77.8	77.5	78.2	78.1	78.4	77.7	77.7	77.9	77.7	78.0	78.0	78.1	77.5	139.8
„ 5, ...	77.6	77.4	78.0	77.6	77.6	78.0	77.5	78.8	79.7	80.2	80.4	79.0	78.3	80.2	79.0	79.9	78.9	78.6	78.5	78.3	78.1	77.7	78.4	78.2	78.6	152.5
„ 6, ...	78.0	79.9	77.4	77.7	77.9	77.8	77.8	77.5	77.4	77.7	78.5	78.7	78.2	78.0	79.0	77.7	78.4	78.6	78.3	78.4	77.7	77.6	78.0	78.1	78.1	142.0
„ 7, ...	77.6	77.6	77.5	77.7	77.6	77.6	78.7	78.3	78.7	78.8	78.6	78.7	78.4	79.0	78.2	78.1	78.2	77.8	77.5	77.5	77.6	77.6	77.2	77.9	78.0	143.7
„ 8, ...	77.6	78.5	77.4	77.1	77.1	76.9	77.1	78.2	78.9	78.7	78.9	78.8	80.2	80.0	77.9	77.8	78.0	78.2	78.0	77.9	78.1	77.6	77.5	77.7	78.1	148.7
„ 9, ...	77.4	77.6	77.1	77.1	77.1	77.2	77.9	79.0	78.2	77.1	79.9	77.3	76.1	77.4	76.5	78.8	78.8	76.7	77.0	77.2	77.9	77.2	76.9	76.9	77.5	148.4
„ 10, ...	76.7	76.8	76.8	76.4	77.1	77.5	76.5	77.5	78.0	78.3	78.9	78.5	78.9	79.0	78.8	78.0	78.4	78.1	78.0	78.1	78.2	78.0	76.9	76.8	77.8	140.4
„ 11, ...	77.0	76.7	77.6	76.7	77.3	77.7	78.4	79.0	79.1	78.3	79.4	78.5	78.4	79.5	79.7	78.3	78.2	77.8	77.7	77.6	77.4	77.9	77.0	76.6	78.0	145.1
„ 12, ...	76.6	76.1	75.6	76.6	76.4	76.7	77.4	77.4	78.0	77.7	78.6	78.8	78.1	78.5	77.5	77.7	77.3	77.0	76.9	77.0	76.8	77.4	77.0	76.6	77.2	147.9
„ 13, ...	76.0	76.4	76.8	76.2	75.9	76.8	77.7	77.6	78.0	77.3	78.0	77.2	77.1	77.3	75.8	74.4	75.4	74.8	74.5	75.0	74.1	74.1	73.5	73.6	76.0	156.0
„ 14, ...	74.0	75.2	73.6	74.6	74.9	74.4	74.2	73.9	73.9	75.0	75.4	73.3	74.8	75.8	74.9	75.0	74.0	74.2	74.6	75.1	75.7	76.0	75.4	74.9	74.7	139.0
„ 15, ...	74.0	72.4	72.4	72.3	72.7	72.6	73.6	74.4	74.8	75.6	76.6	77.1	77.1	78.2	76.6	72.5	72.4	71.4	71.7	72.8	70.7	71.7	72.4	72.8	73.7	151.2
„ 16, ...	72.2	72.4	72.3	72.6	72.7	73.8	74.6	75.6	76.8	76.2	76.2	77.1	77.2	77.1	77.8	76.6	76.8	76.2	75.7	75.6	75.9	76.6	76.4	77.0	75.5	138.3
„ 17, ...	76.8	76.6	76.2	76.3	76.5	76.4	76.8	77.4	77.6	77.0	77.9	78.0	75.8	77.1	76.5	75.7	76.0	76.6	76.6	76.8	77.4	77.4	76.5	76.6	76.8	137.8
„ 18, ...	76.9	77.5	76.7	74.0	74.9	75.8	76.6	77.3	77.5	77.7	78.4	78.9	78.8	77.4	77.6	77.6	77.1	76.6	76.6	77.4	76.8	77.0	76.8	76.0	77.0	141.0
„ 19, ...	76.5	76.7	77.0	76.7	76.2	76.8	77.6	77.4	78.0	78.0	78.2	79.3	77.8	77.9	78.3	77.3	77.6	77.0	75.0	76.6	75.6	75.8	76.3	76.9	77.1	145.4
„ 20, ...	77.3	77.0	77.0	77.4	75.6	76.4	77.3	76.7	76.8	76.7	74.6	76.3	75.8	75.2	74.9	74.4	74.9	75.0	74.6	75.4	74.8	75.1	75.8	76.0	75.9	125.1
„ 21, ...	76.1	74.4	75.5	75.6	75.5	76.1	76.3	75.3	75.8	75.9	76.6	75.7	75.0	76.2	76.2	76.2	76.2	76.0	75.4	75.9	76.0	76.4	76.2	76.6	75.9	115.5
„ 22, ...	76.9	77.0	76.6	76.0	75.9	76.1	75.8	77.4	77.4	77.8	78.0	75.3	77.3	78.0	78.0	78.0	77.7	77.6	77.0	76.9	77.3	77.6	77.6	77.2	77.1	132.5
„ 23, ...	77.2	77.5	77.4	77.6	77.3	77.2	77.3	78.5	78.0	78.1	78.0	78.0	78.5	78.4	78.5	78.7	77.9	77.6	77.6	77.8	77.6	77.4	77.4	77.4	77.8	141.6
„ 24, ...	77.0	76.9	76.8	77.1	76.8	77.3	76.9	78.0	77.6	78.2	77.3	77.6	77.3	77.0	76.6	77.1	77.3	76.7	77.2	77.5	77.6	77.4	77.0	76.8	77.2	141.8
„ 25, ...	76.6	76.2	76.3	76.4	76.3	75.8	76.8	77.4	77.2	77.3	76.9	77.6	77.9	77.4	77.1	77.2	75.3	76.5	76.6	76.8	76.4	76.6	76.4	76.2	76.7	141.7
„ 26, ...	75.8	74.8	76.3	76.8	76.6	76.3	77.5	76.8	77.0	78.1	77.1	77.2	78.0	77.9	77.1	77.0	77.7	74.5	75.6	75.5	75.9	75.5	76.2	75.8	76.5	140.3
„ 27, ...	75.6	76.7	74.8	75.6	75.8	75.2	77.0	77.4	77.1	77.1	76.8	76.2	77.4	75.7	75.6	76.5	77.0	76.0	76.1	76.2	76.6	75.6	75.9	76.0	76.2	101.4
„ 28, ...	75.6	75.9	76.3	76.1	76.6	76.3	76.6	76.6	77.2	77.9	78.3	78.5	78.2	78.8	79.0	79.0	78.3	78.1	77.6	77.8	77.5	77.4	77.3	76.4	77.4	117.9
„ 29, ...	76.4	76.3	76.4	76.3	76.5	77.0	77.4	77.9	78.5	78.1	79.8	78.5	79.7	78.8	79.2	79.0	78.2	78.0	77.5	77.7	77.4	77.7	77.4	77.2	77.8	145.6
„ 30, ...	77.2	76.9	77.2	77.3	77.1	77.5	78.5	78.0	78.8	79.2	79.3	81.2	78.7	79.2	80.1	80.2	80.4	78.1	77.0	78.0	77.6	78.2	77.9	77.7	78.4	147.8
„ 31, ...	77.6	77.6	77.6	77.5	77.9	77.5	78.6	79.1	80.0	79.6	79.8	79.1	81.0	80.6	79.8	78.2	78.0	78.2	77.2	76.9	77.3	77.8	77.8	77.5	78.4	142.6
Means, ...	76.5	76.6	76.4	76.4	76.4	76.6	77.1	77.5	77.7	77.8	78.1	78.0	77.9	78.1	77.8	77.3	77.2	76.8	76.6	76.8	76.7	76.8	76.8	76.7	77.1	140.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JULY, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	88	0.876	July 1,.....	78	0.893
2 „	89	.884	„ 2,.....	82	.921
3 „	89	.879	„ 3,.....	88	.886
4 „	90	.881	„ 4,.....	86	.902
5 „	90	.879	„ 5,.....	85	.932
6 „	90	.885	„ 6,.....	81	.901
7 „	86	.889	„ 7,.....	79	.892
8 „	83	.891	„ 8,.....	78	.892
9 „	81	.892	„ 9,.....	75	.863
10 „	79	.886	„ 10,.....	83	.900
11 „	78	.893	„ 11,.....	80	.895
Noon.	77	.888	„ 12,.....	78	.864
1 p.	75	.878	„ 13,.....	80	.838
2 „	76	.887	„ 14,.....	86	.819
3 „	76	.878	„ 15,.....	85	.790
4 „	77	.867	„ 16,.....	80	.825
5 „	79	.869	„ 17,.....	82	.865
6 „	81	.863	„ 18,.....	82	.871
7 „	83	.865	„ 19,.....	83	.877
8 „	85	.876	„ 20,.....	87	.854
9 „	85	.874	„ 21,.....	92	.874
10 „	87	.883	„ 22,.....	88	.893
11 „	87	.883	„ 23,.....	86	.911
Midt.	87	.881	„ 24,.....	81	.874
			„ 25,.....	84	.869
			„ 26,.....	82	.860
			„ 27,.....	86	.862
			„ 28,.....	91	.914
			„ 29,.....	87	.912
			„ 30,.....	81	.914
			„ 31,.....	80	.910
Means,.....	83	0.880	Means.	83	0.880

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1894.														
July 1,.....	0.3	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.3
„ 2,.....	...	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	...	9.7
„ 3,.....	...	0.3	1.0	1.0	0.9	0.2	...	0.5	0.4	...	...	...	...	4.3
„ 4,.....	0.5	0.9	0.8	0.4	0.9	0.4	1.0	0.3	0.6	0.7	0.1	0.1	...	6.7
„ 5,.....	...	...	0.4	0.7	1.0	0.9	0.5	...	1.0	0.8	0.2	...	...	5.5
„ 6,.....	...	...	...	...	0.4	0.8	1.0	1.0	0.6	0.5	0.2	1.0	0.2	5.7
„ 7,.....	0.1	0.5	0.1	0.3	0.6	0.7	0.3	0.2	0.1	...	...	...	...	2.9
„ 8,.....	...	0.3	0.6	0.7	0.8	0.9	0.8	0.7	1.0	0.7	0.2	...	...	6.7
„ 9,.....	...	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.1
„ 10,.....	...	...	...	...	...	0.1	0.6	1.0	1.0	0.9	0.7	0.5	...	4.8
„ 11,.....	0.3	1.0	1.0	0.8	0.8	0.8	0.8	1.0	1.0	1.0	0.3	0.2	0.1	9.1
„ 12,.....	0.1	1.0	1.0	1.0	0.6	0.9	0.6	0.4	0.6	0.4	0.9	1.0	0.3	8.8
„ 13,.....	0.4	1.0	1.0	1.0	1.0	0.7	1.0	0.8	0.7	0.3	...	...	...	7.9
„ 14,.....	...	...	...	...	...	0.1	0.1	...	...	...	...	...	...	0.2
„ 15,.....	...	...	0.1	0.3	...	0.5	0.3	0.5	...	...	...	...	...	1.7
„ 16,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.0
„ 17,.....	...	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.2
„ 18,.....	...	0.4	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.5
„ 19,.....	...	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.4	0.6	0.2	9.5
„ 20,.....	0.1	0.6	0.7	0.1	0.1	...	...	...	...	...	...	...	...	1.6
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	0.2	0.7	0.4	0.1	...	...	...	0.1	...	...	...	...	1.5
„ 23,.....	...	0.1	0.8	0.3	0.6	0.7	0.7	1.0	1.0	1.0	1.0	0.6	...	7.8
„ 24,.....	0.3	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.6
„ 25,.....	...	0.6	0.7	0.9	0.5	0.3	0.1	0.4	0.5	0.6	0.5	0.2	...	5.3
„ 26,.....	...	0.7	0.8	0.6	0.8	0.7	...	0.1	...	0.8	0.3	0.1	...	4.9
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	0.2	0.3	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.4	10.5
„ 30,.....	0.4	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.7
„ 31,.....	...	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4	0.6	9.9
Sums,.....	3.1	14.9	19.4	19.3	20.0	19.4	18.7	18.9	19.3	18.6	14.5	12.6	4.7	203.4

TABLE VI.

RAINFALL FOR THE MONTH OF JULY, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
July 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2,	...	0.075	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.080	1
" 3,	...	...	...	...	...	...	...	...	...	...	0.060	0.260	0.005	0.045	...	0.040	0.020	0.005	0.010	...	...	0.010	...	...	0.455	3
" 4,	0.005	0.010	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	1
" 5,	...	...	...	...	...	...	...	...	0.005	...	...	0.330	0.055	...	...	0.005	...	...	...	...	...	...	...	...	0.395	1
" 6,	...	...	...	...	...	...	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	...
" 7,	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	0.015	...
" 8,	...	...	...	...	0.070	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.080	1
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	0.025	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	1
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.045	0.005	...	...	...	...	...	...	...	...	0.050	...
" 14,	0.020	0.080	0.450	0.015	0.255	0.350	0.030	0.070	0.055	0.005	...	0.135	0.010	0.005	0.005	0.010	...	...	...	...	...	0.035	...	...	1.530	18
" 15,	0.400	0.370	0.120	0.015	0.005	0.005	0.005	...	...	...	...	...	...	...	...	0.020	0.045	0.045	0.005	0.005	...	...	...	...	1.040	10
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	0.010	...	...	0.045	0.005	0.005	...	...	...	...	...	...	0.005	...	...	...	...	0.020	0.020	...	...	...	0.110	2
" 20,	...	...	...	...	...	...	...	...	0.250	0.030	0.040	0.005	...	...	0.030	0.040	0.005	...	...	...	0.010	...	...	...	0.410	3
" 21,	0.020	0.110	0.010	0.165	0.005	0.005	...	0.190	0.485	0.150	0.015	0.210	0.030	0.030	0.010	0.010	0.010	0.070	...	...	...	...	...	...	1.525	13
" 22,	...	...	...	...	0.050	0.010	...	...	..	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	0.065	1
" 23,	...	...	...	0.015	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.020	1
" 24,	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
" 25,	...	...	...	0.010	0.055	0.005	...	...	...	...	0.600	0.030	0.010	0.010	0.020	0.005	...	...	0.025	...	...	...	...	0.010	0.780	5
" 26,	0.010	...	...	0.010	...	0.010	...	0.010	0.265	...	...	0.130	0.005	...	0.005	...	0.075	0.435	0.020	...	0.010	...	...	...	0.985	5
" 27,	...	0.145	...	...	0.005	0.145	...	0.020	0.010	0.025	...	...	0.150	...	0.005	...	...	...	...	...	0.390	0.690	...	0.010	1.595	6
" 28,	0.010	0.005	...	0.135	0.055	0.005	0.005	0.005	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	0.230	3
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.465	0.795	0.595	0.365	0.505	0.605	0.100	0.300	1.105	0.210	0.720	1.105	0.270	0.090	0.125	0.140	0.155	0.555	0.060	0.025	0.430	0.735	...	0.020	9.475	75

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JULY, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
July 1	19	8	19	10	19	11	20	6	19	8	19	9	20	6	22	9	19	8	23	10	24	6	22	6	12	7	16	10	16	11	16	13	16	10	15	10	18	7	16	5	17	8	17	5	18	6	17	7	196	8.2	18
" 2	17	5	19	5	21	6	19	4	23	4	...	0	...	0	23	3	27	8	30	5	27	7	27	6	14	10	15	11	15	13	16	12	16	11	16	7	16	2	16	5	16	8	...	1	...	1	...	1	130	5.4	18
" 3	...	1	...	0	...	1	...	0	9	3	...	1	9	3	8	7	9	12	7	13	9	13	9	9	8	13	8	15	7	18	7	15	18	14	9	3	8	9	6	3	10	5	12	7	6	3	4	5	173	7.2	9
" 4	10	10	11	4	11	2	13	3	6	6	7	7	7	6	7	5	6	9	7	12	8	15	7	14	7	16	7	17	8	14	7	11	9	14	7	12	7	5	7	5	7	3	7	5	7	5	12	2	202	8.4	8
" 5	13	2	7	3	...	1	7	3	7	4	7	4	9	7	7	10	7	6	9	6	8	8	16	6	15	7	20	11	19	12	20	10	22	10	20	10	22	8	22	6	18	3	19	2	...	1	15	4	144	6.0	16
" 6	...	1	25	6	18	9	18	10	17	12	18	7	21	11	19	11	19	9	20	9	19	8	20	8	19	9	18	14	17	14	19	17	19	16	18	15	18	10	18	12	19	13	18	13	18	11	17	8	253	10.5	19
" 7	18	12	18	13	17	15	18	8	18	11	17	11	15	9	17	11	18	14	18	19	17	21	19	18	17	24	17	19	19	21	18	21	18	15	17	15	17	16	18	15	17	13	17	12	17	14	18	16	363	15.1	18
" 8	17	16	17	18	16	15	16	15	15	13	18	15	18	18	17	18	18	15	18	13	17	17	17	19	19	12	17	18	17	16	18	12	16	7	15	5	15	8	15	8	13	11	12	12	14	14	14	6	321	13.4	16
" 9	14	7	15	6	13	3	...	1	16	2	...	1	16	5	11	4	15	8	16	9	24	4	15	10	16	8	17	7	16	8	11	7	8	10	15	4	15	5	14	6	8	5	11	7	10	4	...	0	131	5.5	14
" 10	...	1	10	2	6	2	...	0	...	0	...	0	...	1	...	0	...	1	...	1	9	2	9	4	8	10	8	11	8	13	16	7	12	6	14	5	...	1	14	2	11	3	11	3	...	1	11	2	78	3.2	10
" 11	...	1	...	1	...	0	...	1	...	0	...	0	...	0	5	3	8	2	8	4	8	9	8	11	17	8	9	8	14	10	12	10	15	5	14	8	14	5	12	4	12	5	7	3	9	4	9	2	104	4.3	11
" 12	...	1	8	2	6	4	...	1	...	0	...	0	...	1	2	4	7	6	10	4	8	10	7	14	12	13	13	12	11	12	14	9	16	5	14	7	13	7	13	3	15	4	11	5	12	7	13	4	135	5.6	11
" 13	13	2	...	1	...	0	6	2	...	1	6	4	8	6	8	8	8	10	8	10	9	11	7	15	8	21	10	20	14	23	8	13	7	8	6	8	5	8	9	8	9	10	9	12	9	9	8	10	220	9.2	9
" 14	5	14	6	21	9	20	12	21	13	17	14	14	15	30	14	27	14	21	13	16	11	19	13	30	14	29	13	19	13	15	13	18	12	10	13	10	15	9	10	8	9	10	10	14	9	16	7	14	422	17.6	12
" 15	6	13	10	8	5	8	5	3	...	0	...	0	5	6	7	10	7	7	8	11	8	13	8	14	9	17	10	17	7	14	16	25	12	17	4	14	32	3	9	2	9	8	...	1	9	3	...	1	215	9.0	9
" 16	9	2	13	3	9	8	9	5	10	4	10	2	7	7	8	10	9	10	10	11	9	13	8	14	8	16	9	17	9	15	8	16	8	11	7	9	11	5	11	5	9	6	7	5	7	5	7	3	202	8.4	9
" 17	10	2	...	0	10	2	...	1	10	2	...	0	10	3	7	9	7	13	8	14	8	15	7	16	7	17	9	19	10	22	9	18	9	18	9	14	10	13	12	7	9	9	10	11	11	11	10	10	246	10.3	9
" 18	8	6	7	4	7	4	7	7	5	4	5	4	6	7	6	13	7	13	7	17	7	17	7	15	7	18	7	19	7	16	7	16	7	19	7	18	7	17	8	19	8	18	8	18	8	19	9	16	324	13.5	7
" 19	9	16	8	14	9	12	9	10	9	9	11	9	9	12	7	14	7	14	7	16	7	16	7	17	9	20	7	20	7	17	7	18	7	17	7	18	10	19	8	20	9	21	8	14	9	14	9	13	370	15.4	8
" 20	8	11	9	12	10	12	8	11	6	11	7	11	7	14	7	18	7	28	7	22	8	31	7	23	7	26	7	25	7	21	7	23	7	23	7	24	7	23	7	19	8	31	7	23	7	22	5	18	482	20.1	7
" 21	6	17	7	15	7	10	9	11	8	9	9	11	9	15	8	12	11	9	7	18	9	21	9	24	9	22	9	26	10	21	9	18	9	23	9	19	10	16	10	17	9	19	8	19	7	15	9	14	401	16.7	9
" 22	9	20	8	17	8	19	8	12	12	10	7	10	7	8	6	6	6	9	7	13	8	12	16	7	18	2	8	7	7	13	8	12	7	14	7	15	7	16	8	13	10	14	8	12	7	11	8	13	285	11.9	8
" 23	9	14	9	16	9	15	9	12	8	11	8	11	7	9	7	10	8	12	8	17	8	17	9	16	9	20	9	19	9	22	10	18	10	14	8	15	8	13	8	14	7	14	7	14	7	11	7	9	343	14.3	8
" 24	6	9	8	8	10	9	8	16	8	10	9	12	7	11	7	13	6	16	7	15	7	17	7	19	7	21	7	21	7	19	7	21	7	20	6	20	7	22	7	22	7	23	7	18	6	20	7	16	398	16.6	7
" 25	6	18	5	22	6	22	5	23	6	24	6	24	7	25	7	25	6	29	5	32	7	29	7	28	7	20	8	27	9	28	10	26	10	31	9	26	11	28	10	27	11	30	12	26	11	29	12	29	628	26.2	8
" 26	13	24	12	20	11	21	10	16	13	16	14	13	13	13	14	18	14	11	12	18	13	25	15	22	15	13	14	12	13	15	13	13	10	12	11	12	6	8	11	10	11	12	13	16	13	19	14	18	377	15.7	13
" 27	13	9	15	15	5	8	13	11	14	15	18	12	13	14	15	13	14	14	19	9	17	11	14	8	14	7	18	4	16	5	28	5	...	1	7	4	7	8	7	8	7	8	30	5	4	3	24	5	202	8.4	14
" 28	25	3	4	3	9	5	6	4	...	1	5	2	9	3	14	5	..	1	3	2	...	1	3	2	7	3	6	6	8	8	7	8	7	11	7	5	9	6	9	7	7	9	8	4	10	4	...	0	103	4.3	8
" 29	...	1	10	2	10	6	9	8	9	6	9	8	...	1	9	2	8	2	8	2	24	5	24	2	24	4	12	5	7	9	8	11	8	11	9	9	13	5	13	2	...	1	...	1	13	2	...	0	105	4.4	9
" 30	...	0	...	1	...	1	...	1	...	1	...	1	14	2	14	2	19	3	22	3	23	6	24	7	25	5	25	5	9	3	9	5	22	7	16	6	17	6	16	2	18	2	14	3	...	1	...	0	73	3.0	20
" 31	15	2	15	2	...	1	...	0	...	0	...	1	...	1	26	4	28	6	26	7	25	8	24	7	24	9	24	10	24	7	18	8	21	10	18	4	18	3	16	4	...	1	16	2	...	0	...	0	97	4.0	24
Sums,	...	248	...	254	...	252	...	226	...	214	...	204	...	254	...	304	...	326	...	358	...	407	...	411	...	427	...	451	...	455	...	436	...	400	...	351	...	311	...	288	...	322	...	293	...	285	...	246	7723	321.8	...
Means,	...	8.0	...	8.2	...	8.1	...	7.3	...	6.9	...	6.6	...	8.2	...	9.8	...	10.5	...	11.5	...	13.1	...	13.3	...	13.8	...	14.5	...	14.7	...	14.1	...	12.9	...	11.3	...	10.0	...	9.3	...	10.4	...	9.5	...	9.2	...	7.9	249.1	10.4	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
July 1, ...	1	cum.	...	2	cum.	...	4	c-str. / cum.	SW	3	c-str. / cum.	E / W
„ 2, ...	1	cum.	...	3	c-str. / cum.	...	7	c-str. / cum.	W	2	c-cum. / cum.	SW
„ 3, ...	0	...	...	1	sm-cum.	...	7	c-cum. / cum.	...	8	c-cum. / cum.	E / SSE
„ 4, ...	9	cum.	...	4	cum.	...	9	c-cum. / sm-cum. / cum.	.. / S / ESE	7	sm-cum / cum.	WSW / S
„ 5, ...	3	cum.	...	6	cum.	...	8	sm-cum. / cum.	S / ..	9	sm-cum. / cum.	S
„ 6, ...	6	cum.	...	7	cum.	...	8	c-cum. / cum.	SW	7	c-str. / cum.	ENE / SW
„ 7, ...	3	cum.	...	8	cum.	...	7	c-str. / cum.	SSW	9	c-cum. / R-cum.	SSW
„ 8, ...	9	cum.	...	7	cum.	SW	7	c-str. / cum.	NE / SSW	8	c-cum. / cum.	SW
„ 9, ...	4	cum.	...	3	cum.	...	6	c-cum. / cum.	S	6	c-cum. / cum.	N / SSW
„ 10, ...	0	...	...	1	c-str.	...	8	c-str. / cum.	E	8	c-cum. / cum.	...
„ 11, ...	2	cum.	...	1	cum.	...	7	c-str. / cum.	S	3	c-cum. / cum.	SSE
„ 12, ...	0	...	...	1	cum.	...	3	cum.	SE	8	c-cum. / cum.	E / SSW
„ 13, ...	1	cum.	...	1	cum.	...	3	cum.	...	3	c-cum. / cum.	S
„ 14, ...	8	c-str. / nim.	...	10	cum-nim.	E	10	nim.	SSE	10	nim.	SE
„ 15, ...	10	nim.	...	10	nim.	...	10	nim.	E	8	c-cum. / cum.	...
„ 16, ...	3	c-str.	...	3	cum.	...	7	c-cum. / sm-cum.	NE / ..	5	c-cum. / cum.	NE / ESE
„ 17, ...	3	cum.	...	3	c-str. / cum.	...	5	c-cum. / cum.	ESE	2	c-cum. / cum.	E
„ 18, ...	4	c-str. / cum.	SE	8	cum.	SE	4	c-cum. / cum.	ESE	6	c-cum. / cum.	ESE
„ 19, ...	2	cum.	...	4	cum.	...	6	c-cum. / cum.	ESE	7	c-cum. / cum.	ESE
„ 20, ...	9	cum.	SE	5	cum.	ESE	5	cum.	ESE	10	nim.	E
„ 21, ...	10	nim.	E	10	nim.	...	8	c-cum. / cum.	ESE	10	nim.	ESE
„ 22, ..	4	sm-cum. / cum.	ESE	8	sm-cum. / cum.	E	10	c-cum. / cum.	S / SE	10	c-str. / sm-cum. / cum.	SSE
„ 23, ...	6	cum.	E	7	cum.	E	10	c-str. / cum.	E	8	c-str. / cum.	SE
„ 24, ...	8	cum.	ESE	2	cum.	E	3	str-cum. / cum.	E	2	cum.	E
„ 25, ...	1	cum.	E	5	cum.	E	9	cum.	E	9	nim.	E
„ 26, ...	8	sm-cum. / cum.	SE	9	cum.	SE	7	cum.	SSE	9	c-cum. / cum.	S
„ 27, ...	5	sm-cum. / cum.	S	9	sm-cum. / cum.	S	10	sm-cum. / cum.	S	10	c-cum. / cum.	S
„ 28, ...	10	cum-nim.	...	10	cum-nim.	SSE	8	sm-cum. / cum.	S	10	str. / cum.	SSW
„ 29, ...	1	cum.	...	0	...	...	7	sm-cum. / cum.	SE	4	sm-cum. / cum.	SSE
„ 30, ...	0	...	...	0	...	...	7	c-cum. / cum.	NE / ..	5	c-cum. / cum.	NNE / N
„ 31, ...	6	str-cum.	...	8	cum.	...	7	sm-cum.	NNE	4	c-cum. / cum.	NNE / SE
Means,..	4.4	...	...	5.0	...	...	7.0	...	...	6.8	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
July 1,...	7	c-str. / cum.	W	8	c-str. / cum.	SSW	4	str. / cum.	S	2	cum.	...	3.9
" 2,...	4	c-cum. / cum.	W	4	c-str. / cum.	SW	9	sm-cum. / cum.	SE	0	...	...	3.7
" 3,...	7	c-cum. / cum.	SSE	10	nim.	E	10	nim.	...	10	nim.	...	6.6
" 4,...	8	sm-cum. / cum.	W / S	9	sm-cum. / cum.	S / SSE	10	str. / cum.	SSE	7	cum.	...	7.9
" 5,...	9	c-cum. / cum.	S	8	c-str. / cum.	SW	10	str. / cum.	SW	4	cum.	...	7.1
" 6,...	7	c-cum. / cum.	SW	7	c-str. / cum.	SW	4	c-str. / cum.	SW	3	cum.	SW	6.1
" 7,...	9	cum.	SSW	10	nim.	SSW	8	c-str. / cum.	SW	4	c-str. / cum.	SSW	7.3
" 8,...	7	c-str. / cum.	SW	9	c-str. / cum.	SW	5	c-str. / cum.	SW	6	c-str. / cum.	SSE	7.2
" 9,...	3	c-cum. / cum.	SSW	2	c-cum. / cum.	SE	1	c-cum.	...	1	c-str.	...	3.3
" 10,...	6	c-cum. / cum.	E / SSW	6	c-cum. / cum.	SE	1	c-cum. / cum.	...	0	...	...	3.7
" 11,...	3	cum.	SW	4	c-cum. / cum.	S	5	c-cum. / cum.	...	1	cum.	...	3.3
" 12,...	8	sm-cum. / cum.	S	8	c-str. / cum.	SSE	2	c-str. / cum.	...	8	cum.	ESE	4.7
" 13,...	4	c-cum. / cum-str. / cum.	S	10	str. / nim.	SE	10	str-cum. / cum.	...	10	c-cum. / cum.	E	5.3
" 14,...	10	nim.	SE	10	nim.	S	10	str. / cum.	S	10	nim.	...	9.7
" 15,...	9	c-cum. / sm-cum. / cum.	ESE	10	nim.	S	10	nim.	...	10	c-str.	...	9.6
" 16,...	4	c-cum. / cum.	NE / ..	2	c-cum.	NE	1	c-cum. / cum.	...	1	c-cum. / cum.	...	3.3
" 17,...	1	c-cum. / cum.	...	2	c-cum. / cum.	...	2	c-str. / cum.	ESE	9	c-str. / cum.	ESE	3.4
" 18,...	5	c-cum. / cum.	E	7	c-cum. / cum.	NW / E	3	c-cum. / cum.	E	8	cum.	ESE	5.6
" 19,...	4	c-cum. / cum.	NW / ESE	8	c-cum. / cum.	WNW / E	3	c-cum. / cum.	W / ESE	9	cum.	SE	5.4
" 20,...	10	nim.	E	10	nim.	E	9	sm-cum. / cum.	E	9	sm-cum. / cum.	E	8.4
" 21,...	10	nim.	ESE	10	nim.	ESE	8	sm-cum. / cum.	ESE	7	sm-cum. / cum.	ESE	9.1
" 22,...	10	sm-cum. / cum.	S / ESE	9	str. / cum.	...	9	str. / cum.	E	10	str. / cum.	...	8.7
" 23,...	9	str. / cum.	SE	2	c-cum. / cum.	E	2	c-cum. / cum.	...	1	cum.	...	5.6
" 24,...	4	cum.	E	2	cum.	E	4	cum.	E	4	cum.	E	3.6
" 25,...	9	cum.	E	10	nim.	ESE	10	nim.	ESE	8	cum.	...	7.6
" 26,...	9	cum.	S	9	c-str. / c-cum. / cum.	S	10	nim.	...	10	cum.	...	8.9
" 27,...	10	nim.	S	10	str.	...	10	c-str. / cum.	...	10	nim.	...	9.3
" 28,...	10	str. / cum.	SSW	9	str. / cum.	S	4	c-cum.	...	0	...	...	7.6
" 29,...	5	sm-cum. / cum.	SSE	2	cum.	...	1	cum.	...	0	...	...	2.5
" 30,...	1	c-cum. / cum.	NNE / ..	2	c-cum. / cum.	NNE / ..	2	c-cum. / cum.	...	0	...	...	2.1
" 31,...	4	c-cum. / cum.	NNE / ..	7	c-cum. / cum.	NE / ..	5	c-cum.	NE	0	...	...	5.1
Means,...	6.6	...	...	7.0	...	...	5.9	...	...	5.2	...	...	6.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF JULY, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	0.97	5.42	3.03	0.52	−2.06	+ 4.90	E 23° S
2 „	0.90	5.29	3.03	0.74	2.13	4.55	E 25° S
3 „	0.71	5.81	2.84	0.55	2.13	5.26	E 22° S
4 „	0.61	5.16	2.55	0.42	1.94	4.74	E 22° S
5 „	0.58	4.26	3.19	0.45	2.61	3.81	E 34° S
6 „	0.61	4.03	2.81	0.68	2.20	3.35	E 33° S
7 „	0.71	5.26	3.35	0.65	2.64	4.61	E 30° S
8 „	1.16	6.42	3.42	0.84	2.26	5.58	E 22° S
9 „	1.52	7.03	3.29	1.06	1.77	5.97	E 17° S
10 „	1.68	8.19	2.81	1.45	1.13	6.74	E 10° S
11 „	0.68	9.61	3.23	1.55	2.55	8.06	E 18° S
Noon.	1.16	8.97	4.19	1.48	3.03	7.49	E 22° S
1 p.	0.81	9.48	4.87	1.23	4.06	8.25	E 26° S
2 „	0.74	10.23	5.23	1.23	4.49	9.00	E 27° S
3 „	0.84	9.97	5.97	1.03	5.13	8.94	E 30° S
4 „	0.81	9.00	5.94	1.13	5.13	7.87	E 33° S
5 „	0.71	8.90	4.77	1.39	4.06	7.51	E 28° S
6 „	1.35	8.16	3.90	0.55	2.55	7.61	E 19° S
7 „	0.90	7.06	3.90	0.61	3.00	6.45	E 25° S
8 „	0.39	6.97	3.32	0.55	2.93	6.42	E 25° S
9 „	0.39	8.39	3.42	0.45	3.03	7.94	E 21° S
10 „	0.61	7.19	3.23	0.35	2.62	6.84	E 21° S
11 „	0.77	7.10	3.23	0.29	2.46	6.81	E 20° S
Midt.	0.71	5.58	3.03	0.45	−2.32	+ 5.13	E 24° S
Means,.....	0.85	6.23	3.69	0.82	−2.84	+ 6.41	E 24° S

PHENOMENA :—

Solar halo :—on the 5th, 6th, 7th, 8th and 12th.

Lunar halo :—on the 13th, 16th, 17th, 18th, 29th and 30th.

Lunar corona :—on the 7th, 8th, 9th, 13th, 15th, 17th and 20th.

Slight Fog :—on the 17th and 28th.

Haze :—on the 3rd, 4th, 5th, 10th, 13th, 24th, 29th, 30th and 31st.

Unusual visibility :—on the 31st.

Dew :—on the 2nd, 3rd, 9th, 10th, 11th, 12th, 13th, 23rd, 24th, 28th and 31st.

Rainbow :—on the 6th, 13th, 19th and 26th.

Lightning without thunder :—on the 1st, 2nd, 3rd, 5th, 7th, 8th, 9th, 12th, 13th, 29th, 30th and 31st.

Thunder without lightning :—on the 2nd, 3rd, 10th, 11th, 12th, 13th and 31st.

Thunder and lightning :—on the 4th.

Thunderstorms :—on the 27th, 9 p.—10.30 p., S—N, nearest at 9.3 p. (13^{s}). On the 28th, 2.30 a.—5.30 a., in SE, distant.

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF AUGUST, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.606	29.592	29.588	29.591	29.590	29.600	29.618	29.628	29.635	29.635	29.635	29.617	29.600	29.592	29.573	29.561	29.563	29.553	29.592	29.599	29.606	29.609	29.608	29.604	29.600
" 2,...	.595	.596	.588	.586	.583	.585	.589	.600	.618	.614	.601	.586	.561	.537	.512	.496	.478	.485	.488	.526	.539	.544	.542	.532	.558
" 3,...	.512	.504	.500	.490	.486	.494	.500	.502	.499	.499	.490	.478	.440	.423	.398	.387	.372	.370	.389	.412	.416	.436	.427	.425	.452
" 4,...	.421	.404	.398	.386	.381	.397	.401	.421	.429	.437	.433	.427	.400	.371	.344	.335	.352	.386	.402	.416	.433	.435	.446	.438	.404
" 5,...	.439	.424	.419	.413	.420	.445	.438	.443	.446	.465	.461	.449	.438	.421	.404	.405	.401	.415	.435	.453	.465	.478	.486	.480	.439
" 6,...	.471	.449	.446	.451	.455	.456	.480	.489	.503	.495	.504	.497	.487	.478	.472	.452	.452	.470	.470	.491	.508	.531	.534	.523	.482
" 7,...	.496	.487	.483	.486	.490	.499	.509	.522	.532	.533	.535	.531	.528	.514	.492	.492	.497	.508	.529	.543	.560	.569	.571	.560	.519
" 8,...	.545	.534	.524	.526	.533	.557	.558	.575	.586	.590	.600	.590	.585	.573	.553	.567	.560	.568	.592	.608	.624	.626	.613	.610	.575
" 9,...	.606	.602	.594	.597	.592	.597	.610	.621	.630	.634	.648	.630	.618	.608	.591	.576	.580	.584	.598	.620	.636	.630	.628	.613	.610
" 10,...	.595	.574	.572	.562	.559	.565	.578	.584	.592	.591	.594	.608	.591	.564	.544	.525	.519	.539	.554	.578	.581	.598	.589	.575	.572
" 11,...	.559	.540	.530	.527	.520	.543	.525	.562	.561	.624	.630	.608	.589	.570	.550	.530	.529	.541	.556	.576	.598	.615	.597	.585	.565
" 12,...	.564	.557	.543	.541	.520	.534	.536	.555	.567	.596	.634	.624	.619	.600	.577	.554	.545	.552	.562	.590	.609	.623	.627	.629	.577
" 13,...	.620	.605	.595	.592	.594	.595	.600	.613	.628	.637	.628	.617	.602	.581	.584	.607	.587	.579	.588	.610	.634	.650	.638	.633	.609
" 14,...	.613	.607	.589	.581	.591	.606	.619	.640	.659	.663	.670	.666	.659	.654	.644	.636	.623	.617	.641	.665	.688	.693	.692	.678	.641
" 15,...	.660	.651	.639	.650	.658	.666	.672	.692	.702	.707	.705	.703	.683	.683	.657	.664	.653	.654	.675	.708	.721	.734	.741	.730	.684
" 16,...	.722	.710	.687	.682	.672	.683	.683	.692	.697	.712	.712	.703	.692	.690	.689	.654	.669	.665	.675	.700	.722	.724	.708	.701	.694
" 17,...	.687	.670	.660	.666	.665	.678	.687	.697	.710	.716	.720	.714	.707	.693	.682	.676	.663	.653	.664	.697	.725	.735	.731	.729	.693
" 18,...	.720	.718	.704	.683	.688	.706	.722	.732	.735	.741	.747	.732	.719	.704	.696	.684	.675	.677	.696	.712	.732	.734	.735	.736	.714
" 19,...	.729	.721	.707	.706	.705	.711	.725	.731	.740	.747	.748	.740	.728	.702	.684	.658	.659	.664	.674	.686	.724	.731	.714	.714	.710
" 20,...	.699	.693	.683	.670	.683	.694	.714	.754	.754	.741	.754	.739	.730	.708	.704	.699	.702	.715	.718	.729	.757	.774	.764	.752	.722
" 21,...	.730	.728	.726	.736	.744	.762	.774	.787	.795	.793	.795	.784	.763	.750	.737	.723	.725	.721	.724	.738	.758	.773	.766	.754	.754
" 22,...	.738	.725	.708	.713	.720	.731	.746	.769	.767	.764	.760	.747	.731	.717	.710	.696	.688	.690	.716	.730	.750	.760	.745	.729	.731
" 23,...	.711	.698	.683	.685	.690	.695	.725	.723	.742	.741	.730	.706	.692	.670	.653	.643	.644	.651	.652	.680	.696	.704	.700	.691	.692
" 24,...	.681	.674	.665	.677	.688	.703	.714	.731	.745	.749	.742	.727	.708	.684	.665	.662	.660	.661	.671	.685	.688	.686	.688	.696	.694
" 25,...	.694	.682	.676	.683	.682	.694	.709	.716	.731	.737	.735	.709	.679	.646	.616	.614	.614	.615	.640	.652	.675	.689	.681	.663	.676
" 26,...	.649	.629	.619	.619	.620	.627	.644	.661	.673	.672	.664	.653	.638	.628	.619	.616	.605	.627	.650	.690	.698	.701	.717	.700	.651
" 27,...	.691	.679	.679	.672	.672	.690	.716	.732	.753	.759	.752	.753	.733	.725	.725	.721	.732	.729	.750	.776	.789	.787	.784	.775	.732
" 28,...	.767	.731	.723	.729	.739	.747	.773	.795	.802	.812	.806	.804	.784	.771	.755	.759	.762	.784	.794	.815	.824	.834	.825	.812	.781
" 29,...	.797	.785	.795	.793	.794	.795	.810	.820	.833	.841	.836	.815	.798	.781	.763	.739	.734	.740	.749	.760	.779	.788	.788	.788	.788
" 30,...	.772	.760	.740	.742	.739	.750	.769	.775	.784	.782	.784	.774	.760	.738	.720	.711	.708	.717	.730	.746	.773	.786	.794	.787	.756
" 31,...	.784	.780	.758	.760	.772	.786	.802	.816	.825	.834	.846	.832	.806	.764	.731	.722	.716	.726	.746	.766	.787	.793	.797	.782	.780
Means,.....	29.641	29.629	29.620	29.619	29.621	29.632	29.643	29.657	29.667	29.673	29.674	29.663	29.647	29.630	29.614	29.605	29.602	29.608	29.623	29.644	29.661	29.670	29.667	29.659	29.640

TABLE II.

TEMPERATURE FOR THE MONTH OF AUGUST, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	79.9	80.0	80.0	80.6	80.3	81.1	81.7	84.0	83.9	85.1	85.8	89.0	88.0	88.9	87.5	86.7	85.4	84.5	83.8	83.0	82.1	81.7	81.9	81.1	83.6	89.0	79.7
„ 2,	80.6	81.2	81.0	81.1	81.0	80.9	82.0	82.9	84.0	84.0	86.2	87.1	88.7	88.8	88.8	89.1	86.9	85.4	84.1	83.6	83.0	83.3	82.7	82.6	84.1	90.1	80.4
„ 3,	82.4	82.1	81.7	81.9	82.3	82.3	83.2	84.1	85.5	86.3	87.3	87.9	88.8	90.2	88.4	87.0	86.0	84.8	83.6	83.5	83.2	82.6	82.6	82.4	84.6	90.2	81.7
„ 4,	82.3	82.3	82.1	81.7	81.6	82.3	82.6	83.5	84.3	85.2	85.9	86.0	85.2	85.3	86.2	84.5	83.5	82.7	82.6	82.5	82.4	82.4	82.6	82.6	83.4	87.0	81.6
„ 5,	81.8	73.6	74.7	74.8	76.6	75.5	77.2	79.5	81.9	83.9	83.9	84.2	84.5	85.5	85.8	84.2	83.7	82.1	81.6	81.8	81.6	81.3	81.5	81.6	80.9	86.0	73.6
„ 6,	81.6	81.2	81.6	81.0	81.6	81.9	78.7	82.7	82.6	84.4	83.6	85.7	84.6	84.7	85.5	83.9	83.0	82.0	81.1	81.1	81.8	81.6	81.7	81.8	82.5	85.7	78.7
„ 7,	81.3	80.6	79.0	77.8	79.5	79.5	79.6	81.6	82.1	83.0	84.1	83.0	83.5	83.2	85.0	85.2	83.5	82.6	82.0	82.4	81.9	82.1	82.2	82.3	82.0	85.2	77.8
„ 8,	81.6	81.6	78.5	77.6	78.6	77.6	80.5	78.6	30.6	80.2	79.1	77.6	78.2	80.2	81.5	81.0	80.5	81.8	80.0	78.8	79.0	78.8	78.6	78.7	79.6	82.3	77.2
„ 9,	78.6	79.2	78.5	78.8	78.5	78.8	79.1	81.0	78.6	79.9	74.3	75.2	75.8	76.2	77.3	78.2	77.1	76.6	76.5	76.8	77.1	77.4	77.2	76.8	77.6	81.0	74.0
„ 10,	76.8	76.7	77.1	78.0	78.2	77.8	80.2	80.6	81.8	81.4	75.0	73.7	75.3	76.2	77.1	77.8	78.6	77.6	77.1	76.7	76.7	77.2	77.3	77.3	77.6	82.2	73.1
„ 11,	77.5	78.6	77.4	76.4	77.4	75.1	75.9	77.5	77.6	74.8	74.6	75.6	75.5	76.8	77.2	77.6	77.8	77.3	76.7	76.8	76.8	77.3	78.0	81.0	77.0	81.1	74.6
„ 12,	81.1	81.5	81.0	78.5	78.6	81.6	82.0	81.3	80.6	80.2	76.0	75.8	76.8	76.3	75.6	76.2	76.8	77.0	76.9	76.7	76.3	76.4	76.6	76.5	78.2	82.1	75.0
„ 13,	77.1	77.1	78.1	80.1	80.2	81.4	82.0	81.8	83.0	84.3	84.7	85.0	84.2	83.4	80.0	75.9	74.8	75.8	75.6	76.4	76.8	76.6	76.1	76.7	79.5	85.7	74.8
„ 14,	77.0	77.1	77.1	76.7	76.3	76.6	76.8	76.3	76.4	76.9	79.2	78.9	79.8	79.0	79.3	79.6	78.3	76.4	76.1	76.0	75.6	75.4	75.6	75.6	77.2	80.0	75.4
„ 15,	75.5	75.7	75.6	75.4	75.8	76.2	77.2	78.0	78.6	80.7	80.9	80.6	80.0	81.5	81.1	80.1	79.7	78.3	78.1	77.8	77.6	77.5	77.6	77.6	78.2	82.4	75.4
„ 16,	76.7	76.4	76.8	76.6	76.6	78.4	78.4	82.5	82.3	82.2	82.5	84.3	83.9	80.5	75.2	74.9	76.1	76.9	77.2	77.0	76.9	76.6	76.6	76.6	78.4	84.8	74.1
„ 17,	76.6	76.3	76.4	76.6	76.7	76.6	78.4	80.1	81.7	82.9	82.8	83.3	82.5	85.0	83.8	83.9	82.2	81.2	79.6	79.2	79.0	78.7	77.6	77.6	79.9	86.1	76.2
„ 18,	77.1	76.4	76.4	76.3	76.3	76.7	78.5	80.8	81.2	83.2	84.0	85.8	86.0	86.6	86.2	85.2	83.6	82.5	80.9	79.9	79.6	78.9	79.1	78.8	80.8	86.9	76.2
„ 19,	78.1	78.0	78.1	78.8	78.9	78.3	80.5	81.7	83.0	83.8	83.8	84.8	86.0	86.7	86.5	86.3	84.0	83.0	81.2	81.4	80.4	80.9	79.6	79.0	81.8	87.7	78.0
„ 20,	79.1	79.0	79.0	78.8	78.7	78.6	79.6	75.1	75.0	75.4	77.5	79.3	81.6	81.2	82.0	80.0	79.0	79.6	78.9	77.8	77.9	77.1	76.9	76.8	78.5	82.3	74.7
„ 21,	76.3	76.0	75.6	76.2	75.7	76.7	79.0	82.3	83.2	83.0	85.5	86.7	87.5	87.6	87.0	86.0	86.0	83.9	81.4	80.6	80.8	80.0	79.3	79.2	81.5	88.0	75.6
„ 22,	79.5	79.3	78.6	79.1	79.1	78.7	80.6	81.0	82.2	84.3	86.7	87.0	88.4	87.9	88.0	88.1	86.3	84.0	82.3	80.9	80.6	79.6	79.3	79.2	82.5	88.4	78.6
„ 23,	78.6	79.0	78.4	78.4	79.5	78.9	81.4	82.2	83.0	84.2	85.0	86.1	86.7	86.9	87.8	87.7	87.1	84.8	82.6	81.6	80.9	81.2	80.1	80.9	82.6	89.0	78.4
„ 24,	80.6	80.1	79.2	79.6	79.6	80.5	81.7	83.0	84.5	84.9	85.8	86.7	87.8	88.3	88.0	87.3	85.8	84.3	82.6	82.0	82.0	81.2	80.5	80.1	83.2	88.7	79.0
„ 25,	79.6	79.0	78.6	78.1	77.9	79.0	81.2	82.9	84.7	86.3	85.8	86.4	85.8	86.1	86.7	85.0	84.1	83.3	83.2	82.6	82.6	83.2	82.1	81.6	82.7	86.7	77.9
„ 26,	81.6	81.1	79.6	79.8	80.3	80.6	81.8	81.7	82.9	79.4	82.6	83.6	83.9	84.8	83.3	82.7	82.4	81.0	81.5	79.4	79.4	80.7	81.4	81.5	81.5	84.8	79.4
„ 27,	81.5	80.9	81.3	81.5	81.4	81.6	82.3	82.0	81.5	82.1	82.5	77.0	80.0	82.3	79.3	80.1	79.5	78.6	79.0	78.4	79.4	79.9	79.8	80.6	80.5	82.6	77.0
„ 28,	79.6	80.2	80.1	80.6	80.6	80.3	80.8	81.5	82.0	82.9	84.0	82.1	83.8	84.5	83.3	83.1	82.3	81.4	80.6	80.6	80.8	80.7	80.6	80.6	81.5	85.4	79.4
„ 29,	80.4	80.1	80.4	80.0	79.6	79.5	81.4	82.4	84.5	85.6	85.5	85.5	86.0	86.0	85.7	85.1	84.4	83.7	82.0	81.9	80.7	80.7	79.4	79.2	82.5	87.1	79.2
„ 30,	78.6	77.5	77.6	77.4	77.6	78.0	80.1	81.9	83.7	85.1	87.0	87.8	88.1	87.2	87.0	86.5	86.3	83.6	81.4	81.1	80.6	80.6	80.3	80.0	82.3	89.4	77.4
„ 31,	79.6	79.6	78.9	78.6	78.7	78.8	81.0	83.1	84.5	86.1	86.9	86.0	86.1	85.2	85.5	85.2	84.9	82.6	81.6	81.1	80.0	80.9	79.9	78.3	82.2	87.8	78.3
Means,	79.3	78.9	78.7	78.6	78.8	79.0	80.2	81.2	82.0	82.6	82.9	83.2	83.6	84.0	83.6	83.0	82.2	81.3	80.4	80.0	79.8	79.8	79.5	79.5	80.9	85.7	77.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF AUGUST, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Aug. 1, ...	77.2	77.1	77.0	77.2	78.0	77.4	77.7	79.3	77.8	79.0	79.4	81.3	81.0	81.8	79.0	78.0	77.0	78.7	78.8	78.3	78.9	78.8	78.9	78.1	78.6	142.3
" 2, ...	78.1	78.0	77.9	78.6	78.5	78.1	79.0	79.1	79.6	79.3	80.1	81.0	81.8	82.0	80.0	80.2	80.1	79.8	79.8	79.6	79.5	79.7	79.7	79.7	79.5	142.6
" 3, ...	80.4	79.7	79.5	79.2	79.5	79.6	79.9	79.7	80.0	80.2	80.0	80.5	80.5	80.8	80.3	79.4	79.2	79.3	79.3	79.4	79.5	78.9	78.6	79.1	79.7	139.5
" 4, ...	78.6	78.6	79.5	78.7	78.6	78.6	78.5	79.0	79.3	80.2	80.0	80.0	78.2	79.5	79.1	79.1	78.5	78.0	77.4	78.1	78.3	77.9	77.9	77.8	78.7	135.2
" 5, ...	77.6	72.8	73.6	73.3	74.5	74.4	75.5	78.0	78.0	78.5	78.4	77.5	77.5	78.0	78.7	78.0	76.8	76.8	77 4	77.2	77.5	77.5	77.5	77.6	76.8	140.9
" 6, ...	77.4	77.1	77.2	77.2	78.0	78.2	76.6	78.7	79.6	79.4	78.2	78.7	77.7	77.6	78.5	76.6	77.2	77.0	77.2	78.5	77.6	77.8	78.0	78.2	77.8	149.1
" 7, ...	77.8	76.6	77.0	76.1	77.2	77.6	77.9	77.7	78.4	78.1	79.1	78.7	79.1	78.9	79.0	78.9	78.5	78.3	78.5	78.2	78.6	78.5	78.0	78.4	78.1	139.3
" 8, ...	78.5	78.2	75.5	76.5	76.4	76.3	77.5	76.4	77.6	77.8	77.4	76.6	77.4	78.4	78.1	78.0	77.4	77.5	77.5	77.1	77.2	77.4	76.7	76.6	77.2	97.3
" 9, ...	77.6	77.6	77.5	77.7	77.6	77.5	77.4	78.0	75.6	76.7	73.3	74.2	74.0	75.1	75.7	76.3	75.6	75.6	75.6	75.8	75.8	75.9	75.9	75.8	76.2	92.0
" 10, ...	75.8	75.7	76.2	76.4	76.9	77.2	77.6	77.9	78.1	78.4	73.9	73.2	74.7	75.2	76.1	75.2	75.5	74.6	75.7	75.7	75.6	75.6	75.9	76.2	76.0	109.5
" 11, ...	76.3	76.2	76.6	75.5	76.0	73.9	75.3	75.0	75.1	74.3	74.1	74.7	75.1	75.6	76.0	76.2	76.2	75.9	75.6	75.4	75.5	76.1	77.1	78.6	75.7	92.1
" 12, ...	78.6	78.6	79.0	76.5	76.9	78.1	77.8	78.3	77.7	77.0	73.4	74.6	75.4	75.1	74.9	75.2	75.8	75.9	75.8	75.8	75.3	75.5	75.6	75.6	76.3	86.9
" 13, ...	76.0	76.1	77.1	77.8	77.8	77.8	78.1	78.8	78.6	79.4	79.8	79.8	79.6	79.0	76.0	74.8	73.6	73.9	73.8	74.6	75.0	74.9	75.2	75.0	76.8	140.7
" 14, ...	75.2	75.1	74.6	74.1	74.6	74.9	75.2	74.9	75.0	75.2	77.6	74.9	76.0	74.7	75.1	75.2	73.4	74.1	74.0	74.2	74.0	74.1	74.1	74.0	74.8	115.4
" 15, ...	73.6	73.4	73.6	73.8	73.9	74.5	74.9	75.6	76.0	77.4	77.4	76.9	76.5	77.5	77.7	76.9	76.3	76.0	76.1	75.7	75.7	75.4	75.4	75.5	75.7	136.5
" 16, ...	75.5	73.4	75.8	75.6	75.4	76.4	76.4	78.1	78.3	78.9	77.9	79.6	78.1	76.0	73.6	73.0	73.4	74.0	74.9	75.4	74.9	75.5	74.6	74.8	75.8	139.8
" 17, ...	74.8	74.7	74.8	75.6	75.6	75.7	76.4	77.0	78.2	78.9	78.6	79.1	78.6	78.0	78.8	79.1	78.9	78.6	78.0	78.1	77.6	77.0	75.6	76.5	77.3	139.5
" 18, ...	76.8	76.0	76.0	75.6	75.7	75.6	77.1	78.8	78.6	78.9	79.1	79.7	79.0	79.0	80.5	78.9	78.5	78.5	77.1	77.4	77.4	77.6	77.8	77.2	77.8	146.5
" 19, ...	77.1	76.9	77.6	77.9	77.6	77.8	78.9	79.0	79.1	79.2	79.0	78.9	79.1	79.4	78.0	78.0	78.3	78.0	77.6	78.0	78.0	77.8	77.5	77.5	78.2	144.4
" 20, ...	77.4	77.5	77.7	77.6	77.5	77.7	78.6	73.0	72.6	73.3	74.1	75.6	75.6	76.0	76.4	76.1	75.0	75.0	75.6	74.9	74.9	74.6	74.6	74.8	75.7	142.9
" 21, ...	74.9	74.9	74.7	74.9	74.7	75.3	76.9	79.2	79.1	78.1	79.7	80.3	80.1	80.2	79.0	78.8	79.2	78.1	76.8	76.7	76.8	76.8	77.2	77.4	77.5	142.4
" 22, ...	77.4	77.4	77.2	76.7	76.7	77.0	77.2	77.8	78.1	78.8	79.2	79.8	78.4	78.2	78 1	78.7	78.9	77.0	77.1	77.6	77.7	77.6	77.4	77.4	77.8	139.8
" 23, ...	77.0	77.5	76.6	76.7	76.6	77.0	78.2	78.3	78.2	79.8	79.1	78.8	79.2	79.0	78.7	79.5	79.0	78.7	78.1	78.3	78.2	78.1	77.9	77.2	78.2	140 2
" 24, ...	77.9	77.6	78.1	78.0	77.9	78.4	78.4	79.0	78.3	78.7	78.8	79.1	79.1	79.3	78.5	79.0	79.0	78.0	77.9	77.9	77.9	77.1	77.6	77.2	78.3	140.8
" 25, ...	77.5	77.6	77.6	77.1	77.0	77.0	78.3	78.7	79.3	79.3	79.0	78.8	78.3	78.2	77.3	78.0	75.6	75.5	75.6	75.3	75.8	76.8	78.1	77.7	77.5	142.3
" 26, ...	77.9	77.6	77.2	77.1	77.4	77.5	78.1	78.7	79.5	78.2	78.8	78.9	78.8	79.5	78.5	78.0	77.8	77.2	77.6	76.9	75.3	78.0	77.3	77.4	77.9	148.4
" 27, ...	76.7	76.8	76.7	76.8	76.7	76.6	76.5	76.0	75.5	76.9	77.0	74.0	75.8	77.0	76.2	77.2	76.4	76.5	76.1	76.3	76.6	77.2	76.8	77.0	76.5	143.0
" 28, ...	76.5	76.6	76.7	76.9	76.6	77.6	77.7	77.1	77.9	78.6	78.6	77.5	79.0	79.0	78.7	78.3	77.6	77.8	77.9	78.2	78.0	78.3	77.8	77.9	77.8	142.6
" 29, ...	77.4	77.6	77.4	76.8	76.7	76.7	77.5	78.1	79.4	79.8	79.4	76.7	78.8	79.2	79.0	78.8	78.9	78.6	77.7	77.0	77.5	77.1	75.7	76.1	77.8	147.8
" 30, ...	77.0	75.8	75.6	75.6	76.0	75.9	78.0	78.1	77.9	77.2	80.4	80.0	80.2	80.1	78.6	79.2	78.0	78.1	78.2	76.6	77.5	78.0	76.8	77.2	77.8	141.8
" 31, ...	76.8	76.9	76.7	77.0	76.9	77.1	78.9	79.2	79.1	80.1	77.8	77.8	78.2	78.4	77.0	77.0	78.0	76.8	76.1	77.4	76.6	76.9	77.0	77.0	77.5	141.4
Means, ...	77.0	76.6	76.7	76.6	76.8	76.9	77.5	77.8	77.9	78.2	78.0	78.0	78.1	78.2	77.8	77.6	77.2	77.0	76.9	77.0	76.9	77.0	76.9	77.0	77.3	133.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF AUGUST, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	90	0.900	August 1,.....	79	0.912
2 „	90	.888	„ 2,.....	81	.947
3 „	91	.895	„ 3,.....	79	.948
4 „	91	.892	„ 4,.....	80	.920
5 „	91	.898	„ 5,.....	83	.868
6 „	91	.900	„ 6,.....	80	.890
7 „	88	.911	„ 7,.....	83	.912
8 „	85	.910	„ 8,.....	89	.903
9 „	83	.903	„ 9,.....	93	.886
10 „	81	.909	„ 10,.....	93	.878
11 „	79	.895	„ 11,.....	94	.873
Noon.	78	.892	„ 12,.....	91	.882
1 p.	77	.891	„ 13,.....	88	.886
2 „	76	.890	„ 14,.....	89	.832
3 „	76	.878	„ 15,.....	89	.856
4 „	77	.877	„ 16,.....	89	.858
5 „	79	.870	„ 17,.....	89	.903
6 „	82	.873	„ 18,.....	87	.914
7 „	85	.881	„ 19,.....	85	.918
8 „	87	.891	„ 20,.....	88	.852
9 „	87	.888	„ 21,.....	83	.890
10 „	88	.893	„ 22,.....	80	.890
11 „	89	.893	„ 23,.....	81	.907
Midt.	89	.897	„ 24,.....	79	.904
			„ 25,.....	78	.875
			„ 26,.....	85	.908
			„ 27,.....	82	.860
			„ 28,.....	84	.904
			„ 29,.....	80	.890
			„ 30,.....	81	.893
			„ 31,.....	80	.880
Means,.....	85	0.892	Means.	85	0.892

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.
1894.														
August 1,.....	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	11.8
„ 2,.....	0.2	1.0	1.0	1.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.1
„ 3,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.7
„ 4,.....	...	0.5	0.1	...	...	0.6	0.3	...	0.1	0.6	0.2	0.1	...	2.5
„ 5,.....	...	...	0.2	0.8	0.4	1.0	1.0	1.0	1.0	1.0	0.3	...	...	6.7
„ 6, ...	...	...	0.1	0.2	0.2	...	0.9	1.0	0.7	0.8	...	...	...	3.9
„ 7,.....	...	...	...	...	...	0.4	0.4	0.1	0.6	0.9	0.5	...	...	2.9
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	0.1	...	0.1
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	0.1	...	0.3	0.8	...	...	0.4	...	...	...	...	...	1.6
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	0.1	0.2	0.1	0.6	1.0	0.3	0.2	...	2.5
„ 16,.....	...	0.3	0.8	...	...	0.4	...	0.4	0.2	...	...	...	...	2.1
„ 17,.....	...	...	...	0.2	...	...	...	0.1	0.2	0.1	...	...	...	0.6
„ 18,.....	0.3	1.0	1.0	0.7	0.9	1.0	1.0	1.0	0.7	1.0	0.6	0.2	...	9.4
„ 19,.....	0.1	1.0	1.0	1.0	1.0	0.9	0.6	1.0	1.0	0.8	0.5	...	...	8.9
„ 20,.....	...	...	...	...	...	...	...	...	...	0.9	0.7	...	...	1.6
„ 21,.....	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.6
„ 22,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.8
„ 23,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.9
„ 24,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.8
„ 25,.....	0.3	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.3	0.9	0.7	0.4	...	9.1
„ 26,.....	...	...	0.5	0.7	0.4	0.7	0.7	0.7	0.8	0.6	0.8	0.3	...	6.2
„ 27,.....	...	...	0.8	0.1	...	0.3	...	...	0.3	...	...	...	...	1.5
„ 28,.....	...	...	0.2	0.1	0.7	0.9	0.1	0.6	0.2	0.8	0.7	0.2	...	4.5
„ 29,.....	0.2	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.3
„ 30,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.5
„ 31,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.3
Sums,.....	3.5	13.8	15.5	15.2	15.0	17.1	16.0	17.1	16.7	19.4	15.3	11.3	4.1	180.0

TABLE VI.

RAINFALL FOR THE MONTH OF AUGUST, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
August 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	0.730	0.045	0.040	0.040	0.140	0.040	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.040	6
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	0.080	0.010	...	...	...	0.085	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.180	1
„ 8,	...	...	0.845	0.200	0.370	0.355	0.020	0.245	...	...	...	...	0.045	0.005	...	...	...	...	...	...	...	...	...	...	2.085	9
„ 9,	...	...	...	0.130	0.080	...	...	...	...	0.020	0.215	0.075	0.125	0.020	0.010	...	...	...	...	...	...	...	...	...	0.675	6
„ 10,	...	...	...	...	...	...	...	...	...	0.025	0.980	0.680	0.190	0.160	0.035	...	...	...	...	...	...	...	...	...	2.070	6
„ 11,	...	0.030	0.635	0.025	0.020	1.230	0.280	0.220	0.980	0.850	1.070	0.200	0.080	0.035	...	...	...	...	...	...	0.005	0.010	...	...	5.670	10
„ 12,	...	0.025	...	0.390	...	...	...	0.070	0.290	0.005	0.280	0.080	0.040	0.040	0.070	...	...	...	...	...	...	...	...	...	1.290	8
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	0.405	0.010	0.02 5	...	...	...	...	...	...	0.500	2
„ 14,	...	...	...	...	...	...	0.030	0.230	0.145	0.040	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.445	3
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	0.525	0.010	...	...	...	...	...	...	...	...	0.545	1
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	0.005	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 20,	...	...	...	...	...	0.010	...	0.360	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.370	1
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	0.030	0.010	0.045	0.015	0.030	0.060	0.030	...	0.085	...	...	...	0.035	0.125	0.010	...	0.035	0.220	...	0.080	...	...	...	0.810	4
„ 27,	...	...	...	...	...	...	0.010	...	...	...	...	0.230	...	0.030	...	...	...	0.420	...	...	...	...	...	0.015	0.705	2
„ 28,	0.105	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.115	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.105	0.895	1.550	0.830	0.525	1.770	0.535	1.160	1.415	1.025	2.545	1.280	0.500	0.325	0.825	0.425	0.010	0.480	0.220	...	0.085	0.010	...	0.015	16.530	59

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF AUGUST, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Aug. 1,	...	0	...	0	22	3	20	10	23	9	21	7	23	4	28	4	28	5	25	6	24	10	21	10	23	9	22	10	19	12	19	14	19	12	19	12	20	10	21	7	24	5	27	6	27	6	23	5	176	7.3	22
" 2,	23	8	25	7	25	9	25	7	25	12	25	11	25	11	24	14	25	15	25	14	24	15	23	15	22	15	22	16	22	15	21	14	20	18	20	15	20	13	20	9	22	7	22	12	22	12	21	14	298	12.4	23
" 3,	20	14	22	11	21	12	25	8	21	17	21	16	23	11	23	9	22	13	23	12	22	14	21	15	21	14	20	15	19	18	19	21	19	19	19	16	20	12	20	15	20	19	20	19	20	21	20	20	361	15.0	21
" 4,	20	24	19	24	21	27	21	20	21	16	22	9	20	9	22	11	20	6	20	10	22	13	19	21	19	30	20	20	18	19	19	24	19	20	19	18	19	18	18	16	19	12	20	15	20	17	19	21	420	17.5	20
" 5,	20	14	25	9	15	5	...	1	20	9	24	6	24	8	30	7	21	12	19	18	19	26	17	22	18	20	19	17	18	14	18	16	18	14	16	11	17	10	17	12	18	8	16	5	18	8	18	10	282	11.7	19
" 6,	17	11	18	11	19	12	19	16	19	17	19	19	29	14	19	20	21	15	20	16	18	12	17	15	19	18	18	21	17	16	18	16	17	17	18	11	16	9	16	9	16	8	15	9	16	10	16	11	333	13.9	18
" 7,	16	10	18	12	17	6	30	4	17	4	28	3	20	4	20	8	20	6	20	14	19	14	16	15	17	15	17	12	19	16	19	16	17	14	17	7	16	10	15	14	15	13	14	15	14	17	13	20	269	11.2	17
" 8,	14	20	15	15	16	17	15	22	13	15	13	14	19	5	16	12	19	7	29	5	7	7	7	11	9	6	3	3	16	4	14	8	15	4	14	4	10	6	7	9	7	11	8	12	8	13	6	9	239	10.0	12
" 9,	6	9	6	8	8	12	7	10	6	6	7	10	7	7	15	9	11	6	6	8	30	14	31	3	12	6	12	2	...	0	2	2	6	3	8	15	7	17	7	14	7	16	8	13	10	14	10	12	216	9.0	8
" 10,	8	16	8	15	7	13	7	11	7	12	12	11	12	7	12	9	14	12	12	14	7	11	19	6	23	2	26	4	...	1	28	4	...	1	7	9	7	14	7	14	8	17	8	16	8	16	8	18	253	10.5	9
" 11,	7	16	6	10	7	10	6	11	4	9	17	18	15	21	14	14	18	22	22	11	19	7	30	6	2	2	2	2	10	4	6	3	9	5	5	8	6	13	6	15	6	12	7	10	6	6	15	12	247	10.3	10
" 12,	15	16	15	13	16	13	16	16	17	17	18	23	19	31	19	27	18	27	18	24	20	11	27	4	2	6	8	12	6	11	6	5	6	5	6	4	6	6	6	8	7	11	7	13	6	13	8	11	330	13.8	15
" 13,	6	11	6	7	6	6	16	11	15	9	15	9	13	8	13	5	15	9	15	13	15	12	15	16	14	13	15	15	18	14	28	11	31	2	31	2	4	4	4	4	6	4	...	0	6	5	7	14	204	8.5	13
" 14,	8	13	10	11	9	12	10	11	8	10	8	12	8	11	14	12	7	2	30	2	7	3	13	4	7	3	15	6	...	1	26	4	22	5	8	13	9	11	9	9	9	7	7	7	8	11	8	14	194	8.1	9
" 15,	7	14	7	14	8	12	7	5	9	9	8	8	10	8	10	12	9	11	8	13	8	14	8	17	8	21	8	14	8	7	7	13	7	13	7	12	7	8	8	11	7	11	9	11	9	9	9	10	277	11.5	8
" 16,	8	12	8	8	7	4	7	3	...	1	...	1	...	1	4	2	17	3	28	4	...	1	23	7	24	11	8	12	27	10	...	1	...	1	7	4	7	6	7	6	4	6	9	4	9	5	7	5	118	4.9	6
" 17,	5	4	...	0	...	1	21	3	...	1	18	2	8	3	...	1	...	1	...	1	...	1	8	2	8	3	18	3	25	2	23	3	...	1	26	2	26	3	...	1	21	4	20	2	21	3	...	0	47	2.0	20
" 18,	20	2	21	2	20	2	21	3	20	3	21	2	...	1	...	1	21	3	26	5	26	8	24	10	24	7	22	8	26	7	22	6	23	4	27	4	...	1	27	3	...	1	27	2	...	0	...	1	86	3.6	24
" 19,	27	3	27	2	...	1	...	1	...	0	26	3	26	2	26	4	26	6	27	7	26	9	23	8	24	9	23	8	19	11	18	10	18	7	18	8	19	3	17	2	18	2	...	1	18	3	18	2	112	4.7	22
" 20,	29	3	29	3	29	2	...	0	29	3	...	1	22	2	26	9	15	11	2	8	24	5	22	4	28	3	26	6	28	3	6	8	7	8	...	1	...	0	6	3	6	6	6	5	6	4	6	3	101	4.2	1
" 21,	...	1	...	1	...	1	...	1	...	0	...	0	...	0	2	2	28	2	27	8	23	10	22	10	23	6	25	7	24	7	23	8	21	6	16	6	16	4	8	3	...	1	31	3	31	5	31	5	97	4.0	24
" 22,	29	4	29	3	29	4	29	4	29	4	29	4	29	2	22	5	24	8	23	8	21	8	23	8	23	8	23	8	22	5	22	4	16	5	16	5	16	4	...	1	...	0	16	2	17	4	28	3	111	4.6	23
" 23,	28	6	28	4	...	1	...	0	28	3	...	1	28	2	28	3	27	7	26	9	25	8	24	6	25	8	24	8	24	7	25	6	25	2	15	5	15	7	15	5	26	2	...	0	28	2	23	3	105	4.4	25
" 24,	...	1	26	4	26	5	26	2	...	1	26	3	...	0	26	2	28	6	26	6	24	8	24	9	23	7	24	8	19	5	16	10	16	8	17	4	...	1	...	1	...	0	...	1	...	1	...	1	94	3.9	23
" 25,	...	0	...	0	...	0	...	0	...	0	...	0	...	1	3	4	8	9	9	12	9	17	9	11	9	11	9	8	9	11	9	18	9	16	9	14	7	9	7	7	6	10	7	14	7	20	7	20	212	8.8	8
" 26,	7	24	6	17	7	19	6	20	6	21	6	19	5	19	7	20	6	24	6	23	7	25	8	26	8	28	9	26	8	28	8	27	7	27	10	30	9	28	10	26	11	28	9	28	10	25	10	26	584	24.3	8
" 27,	8	27	7	25	10	28	9	29	10	32	9	29	12	29	12	22	12	19	9	17	9	24	12	26	9	22	9	24	12	19	8	19	9	14	7	15	8	19	7	12	7	13	6	17	6	17	7	16	514	21.4	9
" 28,	9	18	7	22	9	20	8	15	9	17	9	15	7	17	8	16	8	16	7	14	7	15	7	15	9	17	7	15	7	13	7	14	7	13	7	9	6	7	5	6	7	10	7	13	6	14	6	11	342	14.2	8
" 29,	5	12	7	12	6	11	6	10	6	9	7	8	7	7	6	7	7	6	8	8	8	8	8	12	8	11	8	14	8	13	8	11	8	9	8	8	4	3	8	2	8	4	...	1	11	3	11	3	192	8.0	7
" 30,	...	0	...	0	...	0	...	1	...	1	...	0	...	0	...	0	11	2	11	2	9	4	27	4	13	3	24	6	23	6	25	5	17	6	15	2	15	3	...	1	...	1	9	4	9	3	7	3	57	2.4	16
" 31,	7	3	7	3	7	2	...	0	...	0	...	1	...	1	4	3	9	6	9	11	9	14	9	13	8	13	8	12	8	15	8	10	8	9	7	8	9	9	9	7	9	6	10	2	10	2	14	2	152	6.3	8
Sums,	...	316	...	273	...	270	...	255	...	267	...	265	...	246	...	274	...	297	...	323	...	351	...	351	...	347	...	342	...	314	...	331	...	288	...	282	...	268	...	252	...	255	...	262	...	289	...	305	7023	292.6	..
Means,	...	10.2	...	8.8	...	8.7	...	8.2	...	8.6	...	8.5	...	7.9	...	8.8	...	9.6	...	10.4	...	11.3	...	11.3	...	11.2	...	11.0	...	10.1	...	10.7	...	9.3	...	9.1	...	8.6	...	8.1	...	8.2	...	8.5	...	9.3	...	9.8	226.5	9.4	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
Aug. 1, ...	0	...	...	2	cum.	...	3	cum.	...	2	cum.	...
" 2, ...	0	...	...	2	cum.	...	1	cum.	...	5	c-cum.	NNW
" 3, ...	1	cum.	...	1	cum.	...	3	str./cum.	...	2	c-cum./cum.	W
" 4, ...	3	cum.	W	5	cum.	W	8	c-cum./sm-cum./cum.	W	9	c-str./cum.	W
" 5, ...	7	cum.	WSW	10	nim.	...	7	nim.	SW	8	c-str./c-cum./cum.	N/W/SW
" 6, ...	6	cum.	SW	6	c-str./cum.	SW	10	cum.	SW	9	c-str./c-cum./cum.	WSW
" 7, ...	2	cum.	SW	10	str./cum.	SW	10	nim.	WSW	9	c-cum./cum.	WSW
" 8, ...	8	nim.	SSE	10	nim.	...	10	nim.	SW	10	cum-str.	WSW
" 9, ...	10	cum-nim.	S	10	cum-nim.	...	9	sm-cum./cum.	S	10	str./cum.	S
" 10, ...	8	cum.	...	8	cum.	SSE	9	sm-cum./cum.	S	10	str./nim.	S
" 11, ...	10	cum-nim.	...	10	nim.	...	10	nim.	SSW	10	nim.	...
" 12, ...	10	cum.	...	10	nim.	...	10	nim.	SW	10	cum-str./nim.	SW
" 13, ...	10	cum.	...	5	cum.	...	8	c-str./sm-cum./cum.	SSW	9	c-cum./cum.	SSW
" 14, ...	10	str-cum.	...	7	cum.	...	10	str./cum./nim.	SSE	10	nim.	SSW
" 15, ...	9	c-cum./sm-cum.	...	8	sm-cum.	...	10	c-str./sm-cum./cum.	ESE	9	sm-cum./cum.	W/SE
" 16, ...	10	sm-cum./cum.	...	8	sm-cum./cum.	SSW	10	c-cum./sm-cum./cum.	S	10	sm-cum./cum.	SSW
" 17, ...	10	str-cum.	...	10	cum.	SSW	9	c-cum./sm-cum./cum.	S	10	sm-cum./cum.	SSW
" 18, ...	5	c-str./cum.	...	1	c-cum./cum.	SSW	3	c-str./cum.	S	4	cum.	SSW
" 19, ...	2	c-cum./cum.	SW	2	cum.	SW	3	c-str./cum.	WSW	7	c-str./cum.	ENE/W
" 20, ...	9	c-str./cum.	WSW	6	c-str./cum.	WSW	10	cum.	WSW	9	str./cum.	...
" 21, ...	1	cum.	...	2	cum.	SSW	2	c-cum./cum.	SW	1	c-cum./cum.	W
" 22, ..	3	cum.	SW	1	cum.	SW	1	cum.	...	1	cum.	W
" 23, ...	0	...	...	0	...	...	1	c-cum./cum.	...	2	cum.	WSW
" 24, ...	6	cum.	SW	2	cum.	SW	2	cum.	WSW	2	cum.	W
" 25, ...	0	...	...	0	...	...	1	c-cum./cum.	...	1	c-cum./cum.	...
" 26, ...	5	nim.	...	10	nim.	...	9	cum-nim.	ESE	9	c-cum./nim.	E
" 27, ...	4	cum.	...	10	cum.	ESE	10	str-cum./cum.	SE	9	str./cum.	SE
" 28, ...	6	cum.	...	9	cum.	E	10	str-cum./cum.	E	9	c-cum./cum.	E
" 29, ...	5	cum.	...	8	cum.	E	4	cum.	ESE	2	cum.	E
" 30, ...	0	...	...	0	...	...	3	c-cum.	...	2	c-cum./cum.	...
" 31, ...	0	...	...	0	...	...	3	c-cum./cum.	ESE	2	cum.	ESE
Means,...	5.2	...	...	5.6	...	...	6.4	...	...	6.5	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
Aug. 1,...	3	cum.	...	1	c-cum. / cum.	...	1	c-cum. / sm-cum.	WNW	0	...	...	1.5
„ 2,...	2	c-cum. / cum.	NW	2	c-str. / cum.	WNW	2	c-cum. / cum.	NE / WNW	1	c-cum.	...	1.9
„ 3,...	6	c-cum. / cum.	W	2	c-cum. / cum.	...	1	c-cum. / cum.	...	1	cum.	...	2.1
„ 4,...	10	str-cum. / cum.	W	7	c-cum. / cum.	...	10	str. / cum.	WSW	10	cum.	WSW	7.7
„ 5,...	10	c-cum. / cum.	E / SW	7	c-cum. / cum.	ENE / SW	10	c-cum. / cum.	SW	6	cum.	SW	8.1
„ 6,...	9	c-cum. / cum.	WSW	10	c-cum. / cum.	SSW	6	str. / cum.	SSW	6	cum.	...	7.8
„ 7,...	9	c-cum. / cum.	SW	9	c-str. / c-cum. / cum.	SW	10	str. / cum.	SSW	6	cum.	...	8.1
„ 8,...	10	nim.	SW	10	nim.	SW	10	c-cum. / cum.	S	10	cum.	...	9.7
„ 9,...	10	nim.	SSW	10	str. / cum.	WSW	10	cum.	SSW	10	sm-cum. / cum.	S	9.9
„ 10,...	10	nim.	SW	10	str.	...	10	sm-cum. / cum.	...	10	cum.	S	9.4
„ 11,...	10	nim.	...	10	sm-cum. / cum.	S	10	sm-cum. / cum.	SSW	10	cum-nim.	...	10.0
„ 12,...	10	nim.	SW	10	str. / cum.	SW	10	c-str. / cum.	SW	10	c-str. / cum.	...	10.0
„ 13,...	9	sm-cum. / cum.	SSW	10	nim.	...	10	str. / cum.	...	10	c-str. / cum.	...	8.9
„ 14,...	10	str-cum.	SSW	10	str. / cum.	...	9	c-str. / sm-cum.	SSE	4	c-str. / sm-cum.	WSW	8.8
„ 15,...	10	str-cum. / nim.	S	9	c-cum. / cum.	W / ..	10	sm-cum.	WSW	7	c-str. / sm-cum.	...	9.0
„ 16,...	10	c-cum. / cum-str.	S	10	str.	...	10	str.	...	10	str.	...	9.7
„ 17,...	10	str. / nim.	S	9	str. / cum.	SW	10	str. / cum.	...	3	sm-cum.	...	8.9
„ 18,...	4	cum-str. / cum.	WSW	7	c-cum. / cum.	W	10	str.	...	3	str. / cum.	...	4.6
„ 19,...	5	c-cum. / cum.	W	10	c-cum. / cum.	W	10	str-cum.	...	10	c-str. / cum.	...	6.1
„ 20,...	9	sm-cum.	...	8	c-cum. / cum.	SW	6	c-str. / sm-cum.	...	3	str.	...	7.5
„ 21,...	1	cum.	...	1	cum.	...	1	c-cum.	...	0	...	...	1.1
„ 22,...	1	cum.	...	0	...	...	1	c-cum.	...	0	...	...	1.0
„ 23,...	1	cum.	...	0	...	...	0	...	...	0	...	...	0.5
„ 24,...	2	cum.	W	2	c-cum. / cum.	...	1	c-cum.	...	0	...	...	2.1
„ 25,...	8	c-str.	...	8	c-str. / sm-cum.	ESE	6	c-str. / sm-cum.	...	1	c-str.	...	3.1
„ 26,...	7	c-cum. / cum.	ESE	4	c-cum. / cum.	ESE	9	nim.	ESE	1	cum.	...	6.8
„ 27,...	10	str-cum.	SE	10	str. / cum.	...	10	str. / cum.	...	10	str-cum.	...	9.1
„ 28,...	10	c-cum. / cum.	E	8	c-cum. / cum.	E	8	str-cum.	E	5	str-cum.	...	8.1
„ 29,...	3	cum.	...	1	cum.	E	0	...	...	0	...	...	2.9
„ 30,...	2	cum.	...	2	c-cum. / cum.	...	0	...	...	0	...	...	1.1
„ 31,...	2	c-cum. / cum.	E	4	c-cum.	N	2	str-cum.	...	0	...	...	1.6
Means,...	6.9	...	...	6.5	...	...	6.5	...	...	4.7	...	...	6.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF AUGUST, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.26	5.94	3.16	1.87	−1.90	+ 4.07	S 65° E
2 „	1.45	4.90	2.52	2.03	1.07	2.87	S 70° E
3 „	0.77	4.74	2.97	1.97	2.20	2.77	S 52° E
4 „	1.06	3.97	3.03	1.84	1.97	2.13	S 47° E
5 „	0.97	4.06	3.26	2.42	2.29	1.64	S 36° E
6 „	0.65	3.77	3.61	2.58	2.96	1.19	S 22° E
7 „	1.10	3.29	3.19	2.48	2.09	0.81	S 21° E
8 „	1.00	3.10	4.16	2.97	3.16	+ 0.13	S 2° E
9 „	0.87	3.26	4.35	3.61	3.48	− 0.35	S 6° W
10 „	1.61	3.87	3.35	4.39	1.74	0.52	S 17° W
11 „	1.06	4.61	3.26	4.84	2.20	− 0.23	S 6° W
Noon.	0.55	4.19	4.61	4.10	4.06	+ 0.09	S 1° E
1 p.	0.39	4.81	3.90	4.29	3.51	0.52	S 8° E
2 „	0.42	4.65	4.00	4.19	3.58	0.46	S 7° E
3 „	0.58	3.68	4.55	3.61	3.97	0.07	S 1° E
4 „	0.90	4.23	4.39	3.74	3.49	0.49	S 8° E
5 „	0.55	3.94	4.61	2.35	4.06	1.59	S 21° E
6 „	0.74	4.77	4.00	1.65	3.26	3.12	S 44° E
7 „	0.87	5.03	3.19	1.32	2.32	3.71	S 58° E
8 „	0.97	4.97	2.94	1.06	1.97	3.91	S 63° E
9 „	0.97	5.32	2.45	1.32	1.48	4.00	S 70° E
10 „	0.87	5.65	2.29	1.42	1.42	4.23	S 71° E
11 „	1.13	5.84	3.10	1.71	1.97	4.13	S 64° E
Midt.	0.87	5.90	3.68	1.74	−2.81	+ 4.16	S 56° E
Means, ...	0.90	4.52	3.52	2.65	−2.62	+ 1.87	S 36° E

PHENOMENA :—

Solar halo :—on the 4th, 5th, 7th, 19th and 25th.

Solar corona :—on the 2nd and 7th.

Lunar halo :—on the 12th, 13th, 14th, 15th, 18th, 19th, 20th, 21st and 22nd.

Lunar corona :—on the 12th, 13th and 19th.

Fog :—on the 20th, 24th and 25th.

Slight Fog :—on the 17th, 19th, 21st and 30th.

Haze :—on the 15th, 16th, 17th, 22nd, 23rd and 31st.

Dew :—on the 1st, 2nd, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 24th, 29th, 30th and 31st.

Rainbow :—on the 26th and 27th.

Lightning without thunder :—on the 2nd, 3rd, 4th, 6th, 7th, 10th, 14th, 19th, 25th, 26th, 29th, 30th and 31st.

Thunder without lightning :—on the 4th, 6th, 10th, 15th, 17th and 27th.

Thunder and lightning :—on the 1st.

Thunderstorms :—on the 5th, 1.30 a.—6 a., S—N, nearest at 3.2 a. (6^s). On the 8th, 3 a.—6.30 a., S—N, nearest at 4.31 a. (5^s). On the 9th, 2 a.—noon, a succession of rather distant storms moving from S to N, nearest at 2.24 a. (22^s) and at 8.15 a. (16^s). On the 11th, 6 a.—9 a., SW—NE, nearest at 6.12 a. (15^s). On the 12th, 8 a.—1 p., SW—NE, nearest at 9.44 a. (9^s) and at 11.14 a. (2^s). On the 13th, 2.45 p.—5 p., W—E, nearest at 3.44 p. (9^s). On the 16th, 1 p.—3.30 p., S—N, nearest at 1.53 p. (7^s). On the 20th, 6.30 a.—8.30 a., W—E, nearest at 8.3 a. (6^s).

Slight shocks of earthquake were felt at 10.55 p. on the 10th and at 1.20 a. on the 11th.

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF SEPTEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.781	29.780	29.770	29.762	29.769	29.772	29.781	29.804	29.812	29.812	29.807	29.800	29.778	29.765	29.745	29.722	29.740	29.758	29.773	29.789	29.818	29.829	29.817	29.803	29.783
„ 2,...	.803	.790	.780	.785	.783	.797	.797	.817	.818	.828	.833	.822	.800	.785	.768	.751	.757	.768	.774	.797	.833	.846	.843	.825	.800
„ 3,...	.822	.808	.780	.789	.794	.804	.818	.821	.837	.834	.838	.828	.806	.791	.772	.758	.756	.773	.782	.801	.830	.830	.826	.829	.805
„ 4,...	.816	.803	.784	.780	.783	.779	.795	.815	.829	.839	.842	.828	.808	.790	.779	.768	.759	.778	.791	.806	.820	.826	.821	.808	.802
„ 5,...	.792	.781	.768	.755	.757	.771	.782	.796	.809	.808	.811	.793	.772	.756	.744	.737	.739	.748	.760	.777	.796	.806	.805	.783	.777
„ 6,...	.764	.750	.737	.751	.761	.760	.785	.792	.792	.804	.795	.773	.763	.748	.736	.727	.716	.726	.735	.754	.781	.787	.780	.764	.762
„ 7,...	.737	.722	.714	.716	.713	.718	.741	.751	.761	.769	.756	.729	.708	.690	.671	.656	.659	.667	.685	.695	.716	.725	.719	.711	.714
„ 8,...	.700	.685	.670	.669	.667	.673	.669	.673	.671	.673	.659	.638	.612	.584	.583	.576	.565	.575	.599	.623	.641	.650	.631	.624	.638
„ 9,...	.598	.582	.578	.580	.581	.591	.603	.616	.611	.609	.598	.577	.558	.531	.510	.505	.504	.503	.533	.558	.587	.592	.572	.569	.569
„ 10,...	.554	.548	.533	.540	.525	.538	.561	.578	.580	.587	.577	.568	.570	.564	.560	.562	.566	.580	.595	.620	.641	.646	.655	.644	.579
„ 11,...	.638	.624	.627	.630	.660	.678	.704	.724	.739	.764	.764	.748	.750	.730	.721	.728	.737	.751	.775	.806	.829	.835	.833	.827	.734
„ 12,...	.808	.796	.796	.792	.799	.804	.826	.839	.844	.844	.842	.824	.812	.799	.776	.776	.782	.786	.800	.817	.829	.834	.831	.820	.811
„ 13,...	.799	.790	.784	.772	.774	.788	.808	.833	.838	.846	.840	.818	.796	.772	.741	.741	.740	.740	.755	.771	.794	.800	.800	.783	.788
„ 14,...	.774	.765	.756	.749	.745	.755	.768	.783	.787	.794	.786	.774	.752	.727	.712	.704	.703	.706	.719	.738	.750	.764	.762	.760	.751
„ 15,...	.752	.748	.733	.719	.718	.734	.734	.756	.760	.755	.739	.715	.685	.659	.651	.646	.646	.650	.673	.692	.726	.730	.725	.723	.711
„ 16,...	.706	.694	.686	.678	.689	.707	.713	.727	.731	.718	.706	.690	.682	.664	.643	.635	.636	.639	.646	.651	.665	.667	.653	.646	.678
„ 17,...	.638	.622	.610	.608	.611	.616	.622	.631	.629	.623	.605	.573	.549	.513	.491	.483	.481	.490	.507	.548	.554	.552	.555	.532	.568
„ 18,...	.527	.513	.485	.484	.482	.482	.494	.507	.504	.503	.491	.480	.451	.430	.410	.400	.397	.406	.410	.413	.458	.448	.428	.398	.458
„ 19,...	.370	.338	.336	.342	.339	.352	.383	.404	.411	.474	.463	.460	.474	.458	.468	.465	.471	.523	.556	.560	.584	.596	.616	.622	.461
„ 20,...	.623	.621	.626	.634	.644	.656	.682	.700	.704	.696	.706	.705	.688	.676	.673	.680	.684	.697	.714	.736	.741	.753	.760	.755	.690
„ 21,...	.755	.736	.729	.726	.727	.745	.758	.773	.785	.788	.774	.755	.736	.717	.711	.721	.732	.721	.728	.740	.756	.759	.757	.748	.745
„ 22,...	.737	.725	.720	.716	.720	.733	.740	.755	.748	.747	.729	.709	.679	.654	.643	.640	.645	.655	.674	.701	.719	.727	.713	.696	.705
„ 23,...	.680	.671	.664	.663	.677	.683	.691	.711	.713	.717	.690	.660	.644	.618	.606	.609	.613	.614	.618	.642	.651	.656	.643	.629	.657
„ 24,...	.618	.618	.612	.614	.621	.634	.647	.657	.662	.653	.647	.628	.590	.560	.566	.563	.555	.565	.568	.578	.588	.585	.565	.522	.601
„ 25,...	.496	.459	.440	.412	.368	.347	.336	.333	.311	.351	.392	.403	.410	.454	.460	.470	.490	.527	.552	.583	.623	.635	.651	.642	.464
„ 26,...	.649	.652	.654	.652	.664	.681	.694	.721	.728	.742	.744	.736	.733	.706	.704	.711	.725	.737	.754	.772	.788	.806	.796	.790	.722
„ 27,...	.774	.770	.758	.755	.761	.770	.776	.802	.816	.819	.814	.797	.778	.757	.743	.736	.738	.736	.755	.779	.802	.804	.794	.784	.776
„ 28,...	.764	.754	.729	.721	.716	.722	.741	.757	.754	.750	.746	.728	.693	.671	.655	.650	.655	.667	.681	.691	.694	.692	.680	.668	.707
„ 29,...	.650	.634	.611	.600	.601	.604	.620	.611	.612	.603	.598	.608	.568	.534	.502	.493	.513	.506	.512	.532	.532	.532	.527	.510	.567
„ 30,...	.470	.475	.471	.466	.461	.460	.490	.529	.531	.556	.536	.538	.528	.522	.519	.523	.531	.567	.593	.610	.648	.655	.672	.683	.543
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.687	29.675	29.665	29.662	29.664	29.672	29.685	29.701	29.704	29.710	29.704	29.690	29.672	29.654	29.642	29.638	29.641	29.652	29.667	29.686	29.706	29.712	29.708	29.697	29.679

TABLE II.

TEMPERATURE FOR THE MONTH OF SEPTEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Sept. 1,	79.7	80.0	79.2	79.1	79.3	79.0	81.7	82.5	83.0	85.9	86.3	85.7	86.1	86.0	84.3	83.0	82.3	81.5	81.1	80.9	80.1	80.9	80.9	80.6	82.0	86.3	79.0
„ 2,	79.8	79.7	79.4	78.9	78.3	76.8	75.5	78.4	82.5	79.3	83.0	84.7	84.6	83.1	82.8	82.1	81.6	80.6	79.9	80.6	80.7	80.0	80.3	80.2	80.5	84.8	75.5
„ 3,	79.5	79.6	78.7	78.9	78.6	78.7	79.5	80.8	82.2	82.7	83.4	84.0	84.0	84.2	82.6	82.1	81.0	79.6	79.6	79.5	79.6	79.5	79.7	79.6	80.7	84.2	78.5
„ 4,	79.5	79.2	79.7	78.4	77.5	75.8	78.6	79.1	80.0	81.9	83.0	83.6	83.3	83.6	83.1	82.0	80.4	79.6	79.6	79.3	78.6	79.4	79.6	79.9	80.2	83.6	75.8
„ 5,	79.6	79.4	79.1	78.6	78.1	78.4	79.6	80.8	81.6	82.6	83.0	84.4	83.5	83.0	83.7	82.8	81.6	80.4	80.3	80.6	80.3	80.4	80.1	80.0	80.9	84.4	78.1
„ 6,	80.1	80.0	79.4	79.1	79.1	79.1	79.2	79.9	80.5	81.9	83.0	83.0	83.1	83.2	83.3	83.1	81.9	81.2	80.9	81.1	81.1	81.2	81.6	81.3	81.1	83.3	79.1
„ 7,	80.9	80.6	80.1	79.6	78.6	78.9	81.7	83.2	84.0	84.6	84.7	86.1	85.4	84.3	84.6	83.3	83.0	81.6	81.8	81.8	82.1	81.6	81.6	81.3	82.3	86.9	78.6
„ 8,	80.9	80.2	79.6	79.7	79.6	79.5	81.3	83.0	34.9	86.2	86.4	85.9	85.5	85.5	85.0	84.2	83.2	82.3	82.2	82.3	82.3	81.4	81.4	80.8	82.6	87.0	79.5
„ 9,	80.4	81.3	81.0	80.9	80.8	80.6	81.4	82.4	84.0	85.2	86.0	85.3	86.3	86.0	85.4	84.3	83.4	83.2	82.7	81.8	81.6	81.3	81.5	81.6	82.9	86.4	80.4
„ 10,	81.7	81.7	77.6	79.5	79.8	80.6	77.6	78.5	79.0	81.2	82.5	80.4	79.3	78.1	77.0	78.9	78.4	78.6	79.0	78.7	79.2	78.9	79.3	79.0	79.4	82.7	77.0
„ 11,	79.2	77.7	78.8	78.4	79.8	79.6	80.6	81.2	83.3	84.6	85.1	84.4	84.8	83.0	83.5	83.0	83.0	82.0	81.1	80.4	80.8	80.9	80.4	78.3	81.4	86.2	77.7
„ 12,	79.4	79.6	78.6	78.6	78.7	78.4	79.6	79.6	80.6	82.1	82.4	82.6	82.8	82.2	83.0	82.5	82.4	80.9	80.6	81.1	80.9	80.4	80.4	80.3	80.7	83.0	78.3
„ 13,	79.8	79.8	79.2	79.0	78.9	77.6	77.4	78.1	79.6	81.3	77.9	77.8	79.6	81.7	81.5	81.5	81.0	80.8	79.6	79.6	79.6	80.0	79.2	79.1	79.6	81.7	76.9
„ 14,	78.6	78.7	78.6	78.5	78.4	78.5	78.9	80.0	83.8	84.1	85.3	84.0	83.9	84.3	82.4	81.7	81.6	80.6	79.8	79.6	79.4	79.2	78.9	79.2	80.7	86.4	78.4
„ 15,	79.3	78.7	78.6	78.5	78.0	77.8	81.3	82.5	83.9	83.9	84.6	84.0	87.7	87.8	87.8	87.2	84.6	83.4	79.6	79.7	79.6	78.4	78.6	78.5	81.8	87.8	77.6
„ 16,	78.8	79.2	79.2	79.1	79.0	79.2	81.6	83.7	84.0	85.1	84.9	86.8	84.6	86.1	83.6	83.4	82.4	81.3	80.7	80.7	80.6	80.6	80.6	80.4	81.9	87.4	78.5
„ 17,	79.9	79.8	79.5	79.5	79.0	78.3	80.9	82.8	85.8	87.7	89.0	89.9	90.7	91.7	90.1	87.8	86.3	84.6	84.2	83.9	82.2	81.9	81.6	81.1	84.1	92.9	78.3
„ 18,	81.4	81.1	81.1	81.1	80.0	80.0	80.4	82.4	83.3	85.3	85.2	86.1	87.2	87.3	87.7	87.3	86.6	87.3	87.0	85.7	78.3	78.3	80.4	81.3	84.2	87.9	78.3
„ 19,	81.7	80.0	77.3	81.3	81.3	80.7	80.9	81.2	81.0	79.1	78.7	80.0	81.2	82.1	81.6	81.2	79.2	75.5	76.0	80.5	81.0	81.0	82.0	82.0	80.3	82.1	75.0
„ 20,	81.8	81.0	81.0	81.0	81.0	80.8	81.2	82.0	82.7	82.9	82.7	83.0	84.3	80.7	81.4	81.8	81.8	80.4	80.5	80.0	79.5	79.9	79.6	79.3	81.3	84.8	79.2
„ 21,	79.2	79.4	78.5	78.6	78.4	77.7	78.0	78.4	78.4	79.4	79.5	77.8	79.8	78.5	77.7	75.9	77.0	77.2	76.9	77.2	76.8	77.1	76.9	76.6	78.0	80.1	75.9
„ 22,	76.5	76.7	77.0	77.6	78.1	77.8	79.5	80.4	82.0	83.2	84.0	83.9	83.0	83.3	84.0	85.1	82.3	81.7	80.8	80.6	79.2	78.6	78.3	77.6	80.5	85.1	76.5
„ 23,	78.0	77.7	77.5	77.0	76.9	77.3	77.7	79.8	82.1	82.1	83.2	83.2	83.0	83.3	84.0	84.2	83.0	81.5	80.1	80.0	79.9	78.8	78.3	79.0	80.3	84.7	76.9
„ 24,	78.3	77.8	77.6	77.4	76.7	76.9	77.6	79.9	82.8	84.8	85.0	87.1	88.0	88.7	80.4	80.0	79.5	81.5	80.0	82.1	80.5	79.4	75.6	78.7	80.7	89.7	75.6
„ 25,	77.0	78.4	78.3	77.9	79.0	77.6	76.0	76.0	75.9	76.7	76.9	76.7	76.6	76.8	79.0	78.9	79.0	79.4	80.3	80.5	80.4	80.9	81.0	80.6	78.3	81.0	75.9
„ 26,	80.3	80.0	80.1	80.2	79.8	80.0	80.4	80.6	81.1	82.2	82.4	82.6	83.0	82.8	83.7	82.0	81.4	79.6	79.7	79.5	79.1	78.7	79.6	79.3	80.8	84.3	78.5
„ 27,	79.5	79.6	79.2	78.8	78.4	79.0	79.2	80.0	81.4	82.3	84.0	84.2	85.0	83.9	83.9	83.2	82.8	81.6	81.6	81.6	81.4	80.8	80.8	80.9	81.4	85.2	77.9
„ 28,	80.5	80.3	79.9	79.4	78.6	77.9	79.5	82.4	82.8	84.7	83.5	83.6	83.6	83.1	83.8	82.9	82.5	80.7	80.6	80.6	79.7	80.5	80.1	79.5	81.3	84.7	77.9
„ 29,	79.5	79.8	80.4	79.9	79.6	79.6	80.5	80.8	82.0	82.7	81.8	78.7	79.0	79.3	78.3	79.3	76.5	77.3	78.8	78.4	78.3	78.4	78.0	78.0	79.4	83.2	76.4
„ 30,	78.8	79.4	78.8	79.8	77.4	78.3	77.9	80.0	78.4	81.0	81.7	81.3	81.6	80.9	81.3	81.0	80.8	80.9	81.0	81.0	81.1	81.0	80.9	80.7	80.2	81.8	77.4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	79.7	79.5	79.1	79.1	78.9	78.7	79.5	80.7	81.9	82.9	83.3	83.4	83.7	83.5	83.0	82.5	81.7	80.9	80.5	80.6	80.1	80.0	79.9	79.8	81.0	85.0	77.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF SEPTEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Sept. 1, ...	77.4	77.1	77.2	77.6	77.4	76.8	78.0	78.7	78.0	77.7	79.1	78.0	78.1	78.8	77.8	78.0	78.9	78.3	76.9	77.1	77.7	77.1	77.3	76.5	77.7	144.9
„ 2, ...	77.0	76.6	76.5	76.6	76.4	73.2	74.0	75.1	78.2	77.1	76.8	77.8	77.8	77.9	77.6	77.1	77.0	76.6	76.6	76.4	76.5	76.5	76.6	76.5	76.6	145.5
„ 3, ...	76.2	75.8	75.8	75.6	74.8	74.5	74.1	75.0	75.1	72.7	74.0	74.6	74.6	74.5	73.8	74.3	75.0	74.8	74.7	74.6	74.8	74.7	74.9	74.3	74.7	145.1
„ 4, ...	73.8	73.5	72.9	73.2	72.9	73.1	73.3	73.4	74.1	72.2	72.7	76.4	74.3	74.4	74.1	73.2	73.6	73.3	73.5	73.4	73.4	74.4	74.1	74.1	73.6	140.3
„ 5, ...	74.0	74.0	73.5	73.9	73.0	72.1	73.0	73.9	74.7	74.3	73.2	74.0	74.0	74.7	75.2	75.2	75.0	74.5	74.8	75.0	75.2	75.2	74.7	74.4	74.2	137.7
„ 6, ...	72.7	71.9	72.6	72.9	72.6	72.2	73.3	74.0	74.8	74.8	74.0	74.4	75.2	75.3	75.7	75.2	75.6	75.2	75.9	75.0	75.2	75.6	74.9	74.5	74.3	123.4
„ 7, ...	74.5	74.0	73.7	74.1	74.6	74.4	76.1	75.6	76.2	76.3	75.5	75.0	75.8	75.9	76.6	76.3	76.9	76.0	76.1	76.2	76.0	76.9	76.8	76.6	75.7	142.4
„ 8, ...	76.5	76.1	76.0	75.6	75.7	75.8	76.4	77.5	75.5	76.0	74.5	75.5	75.2	76.0	77.3	76.4	76.6	76.7	76.6	76.4	75.9	76.2	75.3	75.4	76.0	145.0
„ 9, ...	75.0	74.2	73.6	73.4	73.5	73.0	73.7	73.7	74.3	75.4	75.0	75.2	75.5	77.3	77.6	76.9	77.2	75.5	75.9	76.4	76.8	76.6	76.3	76.1	75.3	144.8
„ 10, ...	74.8	74.6	73.9	74.8	74.6	74.7	74.7	75.5	75.4	75.2	76.0	76.1	76.0	75.3	75.7	75.3	75.7	76.3	75.8	75.3	75.1	75.3	75.2	75.2	75.3	132.7
„ 11, ...	75.9	76.0	76.4	76.2	76.9	76.9	76.9	77.6	77.8	77.1	78.8	78.0	78.4	77.6	78.2	78.0	77.5	77.4	77.2	77.4	77.1	76.9	77.2	76.8	77.3	149.1
„ 12, ...	77.2	77.1	76.5	76.2	76.4	76.0	77.5	77.6	77.7	78.1	78.5	78.1	78.6	78.4	78.1	78.5	77.5	77.5	78.1	77.6	77.1	76.9	77.6	77.3	77.5	142.3
„ 13, ...	77.2	76.2	77.0	76.5	76.2	76.0	76.6	76.8	76.4	77.9	77.0	76.0	76.6	77.2	76.5	77.0	75.0	76.3	76.1	76.3	76.1	76.1	75.9	76.4	76.5	140.2
„ 14, ...	75.9	75.6	75.6	74.7	74.8	74.9	75.4	75.8	77.2	76.3	78.2	77.7	76.6	77.2	76.3	76.1	76.5	76.0	75.6	75.6	75.6	75.8	76.2	76.2	76.1	144.2
„ 15, ...	76.3	76.6	76.4	76.3	76.1	75.9	77.5	77.8	78.5	78.7	79.5	79.2	82.1	80.5	80.8	80.8	80.6	79.4	76.7	77.1	78.6	75.9	76.2	77.4	78.1	148.3
„ 16, ...	77.3	77.4	77.3	76.8	76.5	76.1	76.9	76.8	77.6	78.3	77.2	79.1	78.0	79.0	78.2	78.1	77.3	76.7	76.6	76.7	76.6	76.8	76.6	76.9	77.3	146.7
„ 17, ...	77.1	77.4	76.9	76.9	76.6	76.5	77.7	78.0	79.0	78.7	78.5	78.1	78.2	78.1	80.2	80.2	80.0	79.7	79.2	77.4	77.6	76.6	77.4	76.8	78.0	148.3
„ 18, ...	77.0	75.1	73.6	73.1	73.0	73.0	73.3	74.5	74.8	75.1	75.9	76.2	76.7	76.3	77.0	76.0	75.1	75.1	75.1	75.4	75.3	74.8	75.5	75.3	75.1	150.5
„ 19, ...	75.0	75.4	76.0	76.1	75.9	76.0	76.0	75.8	75.9	76.2	74.9	75.7	76.4	76.9	76.3	76.8	77.2	75.5	72.3	76.8	77.2	77.7	77.0	76.7	76.1	† 98.0
„ 20, ...	76.4	76.0	76.2	76.1	76.5	76.3	77.0	77.0	77.9	77.7	76.9	77.7	77.6	77.6	77.3	77.3	77.3	77.7	76.3	76.6	77.3	76.8	77.4	77.3	77.0	146.2
„ 21, ...	77.1	77.4	76.7	76.3	76.6	76.0	76.2	76.4	76.8	77.2	76.4	76.9	77.1	75.6	76.0	75.8	75.6	76.0	75.9	75.6	75.8	75.4	75.7	75.6	76.3	112.7
„ 22, ...	75.6	75.4	75.7	75.8	76.2	75.6	76.4	77.0	77.2	77.1	77.8	77.2	76.2	77.0	77.9	78.2	77.8	77.0	77.2	76.9	77.4	76.9	76.9	75.6	76.8	140.0
„ 23, ...	75.8	76.0	76.0	75.8	75.6	75.9	76.5	77.3	77.2	76.8	77.8	78.0	77.8	78.2	78.0	77.8	76.9	77.0	76.5	76.9	77.2	77.0	76.9	77.3	76.9	146.7
„ 24, ...	77.0	75.8	76.3	76.6	73.9	73.4	75.0	76.9	77.1	76.2	78.0	77.1	76.9	76.8	77.6	76.0	75.0	74.5	74.1	73.9	73.6	73.9	72.8	73.3	75.5	145.4
„ 25, ...	74.2	74.1	74.1	74.9	74.6	74.0	74.8	75.1	75.4	76.4	76.1	75.1	76.2	75.7	75.0	75.5	75.0	76.0	76.0	76.2	76.4	76.5	76.3	76.2	75.4	† 98.0
„ 26, ...	76.0	76.3	75.6	75.2	75.9	75.8	76.1	76.4	76.7	76.1	76.5	76.6	76.8	75.6	77.4	76.3	76.0	77.4	75.9	75.6	75.0	75.1	76.6	76.7	76.1	139.3
„ 27, ...	76.8	76.8	76.7	76.3	76.5	76.4	76.0	76.6	76.8	77.1	78.1	78.0	78.5	78.0	78.0	78.1	77.8	77.2	76.0	75.8	76.5	76.7	76.6	76.4	77.0	142.1
„ 28, ...	76.5	76.4	76.3	76.5	76.3	75.7	76.4	77.8	77.6	76.9	76.4	76.3	75.8	76.9	77.0	76.2	75.6	76.4	76.5	76.6	76.4	75.5	74.1	74.2	76.3	149.0
„ 29, ...	74.4	72.9	72.6	72.6	73.1	73.1	73.6	73.2	73.7	74.2	74.3	74.8	73.8	73.9	74.4	74.0	74.0	73.9	74.5	74.2	74.4	74.6	74.8	75.1	73.9	117.3
„ 30, ...	75.3	75.8	76.1	76.0	76.3	75.8	76.0	76.0	75.9	76.9	76.9	77.1	77.7	77.0	75.8	75.5	75.5	76.0	76.1	76.3	76.0	76.5	76.9	76.2	76.2	†117.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	75.9	75.6	75.5	75.4	75.3	75.0	75.6	76.1	76.5	76.4	76.5	76.7	76.7	76.8	76.9	76.7	76.5	76.3	76.0	76.0	76.1	76.0	76.0	75.9	76.1	137.4

† On the 19th, 25th and 30th the solar radiation maximum thermometer was removed from its stand in consequence of heavy gales. Approximate values have been determined and entered for those days accordingly.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF SEPTEMBER, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	84	0.844	Sept. 1,.....	82	0.892
2 „	83	.836	„ 2,.....	83	.864
3 „	84	.835	„ 3,.....	74	.780
4 „	83	.831	„ 4,.....	72	.741
5 „	84	.829	„ 5,.....	72	.756
6 „	83	.819	„ 6,.....	71	.758
7 „	82	.834	„ 7,.....	73	.801
8 „	80	.839	„ 8,.....	73	.810
9 „	77	.840	„ 9,.....	69	.776
10 „	73	.822	„ 10,.....	82	.823
11 „	72	.821	„ 11,.....	83	.883
Noon.	72	.828	„ 12,.....	86	.902
1 p.	72	.824	„ 13,.....	87	.871
2 „	72	.831	„ 14,.....	80	.840
3 „	75	.843	„ 15,.....	84	.913
4 „	76	.841	„ 16,.....	81	.876
5 „	78	.843	„ 17,.....	75	.878
6 „	80	.845	„ 18,.....	64	.748
7 „	80	.837	„ 19,.....	81	.845
8 „	80	.836	„ 20,.....	82	.871
9 „	82	.847	„ 21,.....	92	.885
10 „	82	.844	„ 22,.....	83	.873
11 „	82	.845	„ 23,.....	85	.881
Midt.	82	.844	„ 24,.....	77	.815
			„ 25,.....	86	.842
			„ 26,.....	79	.838
			„ 27,.....	81	.869
			„ 28,.....	78	.840
			„ 29,.....	76	.764
			„ 30,.....	82	.851
			.....	...	...
Means,.....	79	0.836	Means.	79	0.836

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.
1894.														
Sept. 1,.....	...	0.7	0.6	1.0	1.0	0.3	...	0.6	0.1	...	...	...	...	4.3
„ 2,.....	...	...	0.2	1.0	0.4	0.9	1.0	0.9	1.0	0.7	0.4	0.8	0.2	7.5
„ 3,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.3
„ 4,.....	...	0.4	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.5
„ 5,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	...	9.1
„ 6, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	1.0	1.0	0.5	0.6	0.3	0.8	0.6	0.2	0.8	0.6	0.2	...	6.6
„ 8,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.3
„ 9,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.8
„ 10,.....	...	...	...	...	0.2	...	...	...	...	...	...	...	...	0.2
„ 11,.....	...	0.1	0.2	0.8	1.0	1.0	0.5	0.7	0.8	0.9	0.9	0.7	...	7.6
„ 12,.....	...	0.3	0.4	0.2	0.4	0.5	0.6	0.6	0.2	0.8	0.6	0.5	...	5.1
„ 13,.....	...	...	0.3	...	0.1	...	...	0.4	0.7	0.7	1.0	0.8	...	4.0
„ 14,.....	...	0.1	0.1	0.7	0.8	1.0	0.7	0.5	0.8	0.3	0.5	0.9	...	6.4
„ 15,.....	...	0.8	1.0	1.0	0.8	0.6	0.4	1.0	1.0	1.0	0.9	0.5	...	9.0
„ 16,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.7	0.9	0.7	...	9.4
„ 17,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	...	10.6
„ 18,.....	...	...	0.1	...	0.9	0.2	...	0.1	0.1	0.1	0.1	...	...	1.6
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	0.1	0.7	0.4	0.6	1.0	0.9	0.4	1.0	0.9	0.6	0.1	...	6.7
„ 21,.....	...	...	...	...	0.1	...	...	...	...	...	...	...	...	0.1
„ 22,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	0.7	...	...	9.0
„ 23,.....	...	...	...	0.6	0.8	1.0	0.2	0.2	0.5	0.8	1.0	0.6	...	5.7
„ 24,.....	...	0.2	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	...	...	7.1
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	0.5	1.0	0.8	0.4	0.3	0.3	0.8	0.8	0.2	...	...	5.1
„ 27,.....	...	...	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.3
„ 28,.....	...	...	0.3	0.4	0.7	0.4	0.1	0.4	0.3	0.7	0.1	...	...	3.4
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	7.9	14.0	17.1	19.1	17.6	15.5	16.2	17.2	17.3	15.2	10.4	0.2	167.7

TABLE VI.

RAINFALL FOR THE MONTH OF SEPTEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
Sept. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	0.020	0.005	...	0.005	...	0.040	...	...	...	0.020	...	...	...	...	...	...	...	...	...	...	0.090	2
„ 3,	0.010	0.185	0.005	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.220	2
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	0.005	0.005	0.010	...	0.005	0.005	0.090	0.005	0.005	...	0.080	0.220	0.105	0.035	...	...	...	0.005	...	...	...	...	...	0.575	5
„ 11,	0.010	0.030	0.035	0.025	0.005	0.010	0.120	0.015	0.025	0.005	...	0.025	...	...	...	...	...	...	...	0.030	...	...	0.035	0.030	0.400	4
„ 12,	0.005	0.075	...	0.095	...	...	...	...	0.065	...	...	...	0.020	0.035	0.005	...	...	...	...	...	...	...	...	...	0.300	3
„ 13,	...	...	...	...	0.005	0.075	0.210	0.295	0.015	...	0.450	0.105	...	...	0.010	...	...	...	...	...	...	...	...	...	1.165	3
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	...	0.090	...	...	...	0.130	1
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.400	0.055	...	0.005	0.460	3
„ 19,	...	0.340	0.140	0.005	0.005	0.010	0.005	0.035	0.050	0.190	0.020	0.010	0.070	0.010	0.020	0.105	0.295	0.995	0.655	0.030	0.015	0.095	...	...	3.100	13
„ 20,	...	...	...	...	...	0.040	...	...	...	...	...	...	...	0.050	...	0.020	...	...	...	...	0.020	...	...	...	0.130	1
„ 21,	...	...	...	...	...	0.130	0.140	0.010	0.280	...	...	0.450	0.030	0.240	0.400	0.730	0.220	0.020	...	...	...	...	...	...	2.650	10
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.080	0.015	0.025	...	0.120	1
„ 23,	...	0.015	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.005	...	...	0.045	2
„ 24,	0.005	...	0.040	0.150	...	...	...	...	...	...	...	...	...	...	0.090	0.005	...	...	...	...	0.010	0.020	0.065	0.015	0.400	3
„ 25,	0.075	0.100	0.105	0.875	0.090	0.225	0.650	0.860	0.850	0.235	0.690	0.255	0.230	0.075	0.040	0.270	0.085	0.045	0.005	0.015	0.005	...	0.005	...	5.785	18
„ 26,	0.005	...	...	0.005	...	...	0.005	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	0.055	1
„ 27,	0.005	...	0.005	0.040	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.085	2
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	0.200	...	0.050	0.065	0.060	0.225	0.105	0.015	0.235	0.010	...	0.305	0.025	1.295	8
„ 30,	0.310	0.175	0.045	0.025	0.440	0.320	0.530	0.090	0.160	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	2.105	10
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.425	0.925	0.380	1.250	0.615	0.820	1.665	1.435	1.450	0.475	1.160	1.125	0.570	0.595	0.665	1.190	0.825	1.165	0.720	0.310	0.640	0.190	0.440	0.075	19.110	92

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF SEPTEMBER, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Sept. 1,	...	1	...	0	20	3	...	1	...	0	...	0	...	0	24	2	24	4	24	3	8	9	9	11	9	9	8	13	8	14	9	12	9	11	10	10	11	11	10	6	9	8	7	8	7	11	6	9	156	6.5	9
" 2,	6	5	5	6	...	1	...	1	8	12	8	10	8	14	12	3	7	11	8	20	7	19	7	20	7	19	9	21	10	19	9	17	10	13	8	11	8	10	7	7	7	8	7	7	7	9	8	14	277	11.5	8
" 3,	7	16	7	20	7	20	7	14	7	18	6	18	6	20	7	23	7	23	7	22	7	22	7	19	7	20	8	19	8	20	9	22	8	18	9	15	7	12	7	10	7	13	6	13	6	13	5	15	425	17.7	7
" 4,	5	19	5	16	6	12	6	12	5	11	6	14	5	14	6	16	7	17	7	18	8	20	7	20	6	17	8	18	9	20	8	15	9	17	8	12	7	10	5	8	4	5	6	10	7	14	7	13	318	14.5	7
" 5,	7	15	7	16	6	14	7	18	5	14	6	14	6	16	7	18	7	14	5	15	7	18	7	21	8	17	8	19	9	18	7	15	7	18	7	17	6	12	7	15	6	16	7	17	6	20	7	16	393	16.4	7
" 6,	7	20	6	19	7	17	7	16	5	15	4	14	6	11	4	10	7	11	7	14	7	21	7	21	7	16	7	15	8	13	7	13	7	14	6	11	7	12	7	13	6	17	6	18	5	21	6	20	372	15.5	6
" 7,	6	22	5	20	7	20	6	13	7	8	6	5	4	3	5	9	8	15	7	18	7	18	7	22	8	17	10	16	9	12	9	16	7	19	7	18	7	16	7	16	7	19	7	18	7	22	6	21	383	16.0	7
" 8,	7	18	6	22	6	21	7	15	3	9	3	6	5	3	1	4	4	12	7	19	7	23	7	25	7	21	7	22	8	23	7	25	7	26	7	28	6	28	7	27	6	28	6	28	5	26	5	30	489	20.4	6
" 9,	5	28	6	29	5	25	5	25	5	27	5	25	5	25	6	30	5	25	6	23	4	24	7	25	7	29	7	22	7	25	7	27	7	32	6	28	7	32	7	31	7	37	6	31	5	28	5	39	663	27.6	6
" 10,	5	31	5	26	4	30	5	27	4	28	4	28	4	27	4	30	5	37	5	36	5	38	5	32	7	35	7	35	7	36	5	31	5	33	6	33	6	31	5	22	5	26	5	22	6	22	5	30	726	30.2	5
" 11,	6	30	6	28	6	30	6	33	10	32	9	24	11	26	10	23	12	21	12	23	10	23	10	23	14	11	6	9	12	15	8	19	10	18	10	18	11	15	10	15	10	18	10	14	9	16	8	15	499	20.8	9
" 12,	9	14	10	13	10	9	7	6	12	9	8	9	8	9	7	12	8	13	8	15	9	16	8	21	9	20	11	18	9	20	9	15	11	11	9	12	9	9	10	7	11	9	12	9	9	11	10	6	293	12.2	9
" 13,	10	9	11	5	8	5	10	7	6	10	8	10	7	9	11	10	6	20	7	21	6	14	9	20	8	12	7	10	9	12	8	18	9	11	9	14	8	11	8	13	9	12	8	14	10	8	7	6	281	11.7	8
" 14,	9	6	6	9	7	10	7	8	7	7	6	6	7	9	6	9	7	8	11	9	8	9	9	7	8	12	9	7	8	11	8	11	8	8	11	7	12	5	10	6	10	5	9	3	11	4	...	1	177	7.4	8
" 15,	...	1	11	2	11	3	...	1	11	2	11	2	...	1	23	3	23	4	23	6	23	6	24	6	24	7	25	7	24	5	24	3	11	3	12	4	10	6	24	3	7	10	7	9	9	13	7	6	113	4.7	13
" 16,	9	6	11	6	11	4	5	9	6	4	6	3	2	5	8	10	9	11	10	11	10	10	9	11	8	11	9	9	9	12	8	12	9	12	9	11	11	8	10	9	10	8	8	6	11	3	...	0	191	8.0	9
" 17,	...	1	11	2	11	2	11	3	11	3	11	2	11	4	22	6	24	4	32	8	32	12	32	13	32	11	31	9	25	9	24	6	14	4	8	2	8	13	9	18	8	14	7	12	6	8	5	4	170	7.1	5
" 18,	5	2	32	6	32	14	1	20	1	24	1	24	32	21	32	22	32	19	32	21	32	20	1	13	1	15	2	17	4	18	5	25	4	27	4	33	5	40	5	50	7	55	6	51	5	61	5	59	657	27.4	4
" 19,	5	63	5	63	6	59	6	59	7	61	7	61	6	60	7	60	7	62	9	67	7	53	8	51	9	46	11	45	11	48	10	56	10	50	14	50	11	40	11	41	10	51	12	43	12	45	12	41	1275	53.1	9
" 20,	12	37	12	30	12	31	13	27	13	25	11	26	13	26	12	23	9	23	9	25	10	24	12	21	13	22	15	17	12	17	13	14	12	11	9	11	12	9	13	8	8	12	10	11	8	12	10	15	486	20.3	12
" 21,	7	12	6	11	5	11	4	10	4	13	8	8	3	4	6	8	3	5	6	17	7	18	7	14	7	14	12	14	3	7	7	8	32	6	7	7	9	10	5	6	...	1	...	1	...	1	...	0	206	8.6	6
" 22,	9	2	9	7	10	7	9	9	7	10	7	7	7	7	7	5	7	9	9	7	7	10	8	15	8	17	7	11	8	11	16	6	9	9	10	7	11	9	10	11	9	10	15	2	15	5	12	5	198	8.2	9
" 23,	...	1	...	0	...	1	25	4	...	0	...	0	...	0	...	0	25	3	26	7	24	11	26	10	23	7	22	9	23	9	24	7	24	7	18	6	...	1	...	1	...	0	...	1	15	3	...	0	88	3.7	24
" 24,	15	4	7	8	4	4	7	11	9	7	...	1	...	0	...	0	10	4	32	11	26	4	32	10	32	16	32	12	8	24	5	16	32	9	4	18	32	13	3	22	3	27	2	23	4	42	3	43	329	13.7	3
" 25,	4	48	4	44	4	45	5	53	5	64	6	67	6	73	6	85	7	86	9	83	10	70	11	67	12	62	12	45	12	40	13	34	13	36	13	39	12	44	12	44	12	44	12	45	12	42	12	44	1304	54.3	9
" 26,	12	37	12	32	12	34	12	30	12	24	12	20	12	23	13	19	14	20	14	23	14	24	14	23	14	20	14	18	13	16	11	17	12	16	12	14	12	12	10	15	10	13	9	11	9	11	8	15	487	20.3	12
" 27,	9	15	9	14	9	12	9	13	9	14	7	13	7	14	6	18	7	20	7	21	7	22	7	19	7	18	7	16	9	19	9	21	8	18	7	21	7	24	7	23	7	22	7	25	7	26	7	24	452	18.8	7
" 28,	7	20	6	16	7	12	4	9	2	6	1	3	3	3	...	1	32	6	4	9	9	15	7	15	7	18	8	14	9	15	8	13	8	18	7	15	7	14	7	12	6	5	5	2	9	8	30	8	257	10.7	7
" 29,	32	6	32	12	1	14	1	15	32	17	1	17	2	20	2	16	2	19	2	18	32	15	4	22	3	29	3	29	2	31	3	31	4	36	3	30	3	38	3	44	4	55	5	51	5	55	5	61	681	28.4	3
" 30,	5	59	7	54	6	55	7	57	7	56	7	61	8	62	7	60	8	64	9	57	9	62	10	58	10	54	11	52	11	50	11	53	11	49	11	48	11	46	9	51	9	46	10	47	10	47	11	40	1288	53.7	9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	548	...	545	...	525	...	526	...	530	...	498	...	509	...	535	...	590	...	647	...	650	...	655	...	622	...	568	...	589	...	578	...	560	...	550	...	541	...	554	...	594	...	552	...	607	...	591	13664	569.3	...
Means,	...	18.3	...	18.2	...	17.5	...	17.5	...	17.7	...	16.6	...	17.0	...	17.8	...	19.7	...	21.6	...	21.7	...	21.8	...	20.7	...	18.9	...	19.6	...	19.3	...	18.7	...	18.3	...	18.0	...	18.5	...	19.8	...	18.4	...	20.2	...	19.7	455.5	19.0	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
Sept. 1, ...	4	c-str. / cum.	...	9	c-str. / cum.	...	2	c-cum. / cum.	...	7	c-cum. / cum.	NNE / E
„ 2, ...	2	cum.	...	2	cum-str.	...	8	c-cum. / cum.	E	8	sm-cum. / cum.	E
„ 3, ...	6	nim.	...	7	cum-nim.	E	2	c-cum. / cum.	ENE	2	c-cum. / cum.	ENE
„ 4, ...	0	...	...	0	...	...	7	c-cum. / cum.	ENE	6	c-cum.	...
„ 5, ...	2	cum.	...	1	cum.	...	7	sm-cum. / cum.	ENE	2	cum.	ENE
„ 6, ...	1	cum.	...	1	cum.	...	10	str. / cum.	...	10	c-str. / cum.	ENE
„ 7, ...	3	cum.	...	1	cum.	...	2	c-cum. / sm-cum.	...	9	c-str. / sm-cum. / cum.	ENE
„ 8, ...	8	cum.	ENE	9	cum.	E	10	c-cum. / cum.	ENE	5	c-cum. / cum.	ENE
„ 9, ...	1	cum.	...	2	cum.	ENE	2	cum.	ENE	5	cum.	ENE
„ 10, ...	7	c-cum. / cum.	ENE	10	cum-nim.	ENE	10	nim.	ENE	10	nim.	ENE
„ 11, ...	10	str. / cum.	E	10	nim.	...	8	c-cum. / cum.	ESE	7	c-cum. / cum.	SE
„ 12, ...	9	c-cum. / cum.	SE	10	nim.	...	7	c-str. / cum.	E	9	cum.	SE
„ 13, ...	2	cum.	SE	1	cum.	...	10	nim.	E	9	sm-cum. / cum-str.	E
„ 14, ...	8	c-str. / cum.	ESE	7	c-str.	...	5	c-cum. / cum.	ENE / E	9	c-cum. / cum.	N / ..
„ 15, ...	10	str-cum.	NNE	7	cum.	NNE	2	c-cum.	...	7	c-cum. / cum.	N
„ 16, ...	7	str-cum.	ENE	3	cum.	ENE	4	c-cum. / sm-cum.	NNE / ..	2	c-cum. / cum.	...
„ 17, ...	9	str-cum.	N	10	cum.	N	1	cum.	...	3	cum.	NNE
„ 18, ...	9	cum.	NE	6	c-cum. / cum.	ENE	5	c-cum. / sm-cum.	NNE / NE	6	c-cum. / cum.	ENE
„ 19, ...	10	str. / cum.	E	9	sm-cum. / cum.	E	9	c-cum. / R-cum.	ESE	10	nim.	ESE
„ 20, ...	10	c-cum. / cum.	SE	7	cum.	SE	7	cum. / R-cum.	SSE	7	c-cum. / cum.	SE
„ 21, ...	10	cum.	SE	10	cum.	SE	10	c-cum. / cum.	E	10	str. / R-cum.	E
„ 22, ...	0	...	...	2	cum.	...	3	c-cum. / cum.	E	2	cum.	E
„ 23, ...	10	str-cum.	...	9	sm-cum. / cum.	...	9	sm-cum. / cum.	...	9	c-str. / c-cum. / cum.	NW
„ 24, ...	8	cum.	NNE	10	nim.	...	7	sm-cum. / cum.	...	2	c-cum. / cum.	...
„ 25, ...	10	nim.	NE	10	nim.	ENE	10	nim.	E	10	nim.	ESE
„ 26, ...	5	nim.	...	7	cum.	SSE	10	cum.	SE	9	c-cum. / cum.	SSE
„ 27, ...	6	cum-nim.	SSE	8	cum-nim.	...	7	c-cum. / cum.	E	8	c-cum. / cum.	E
„ 28, ...	7	cum.	...	6	cum.	...	9	sm-cum. / cum.	NE	8	c-cum. / cum.	NE
„ 29, ...	2	str-cum.	...	7	cum.	...	10	str. / cum.	NE	10	str. / cum.	NE
„ 30, ...	10	nim.	ENE	10	nim.	E	10	nim.	ESE	10	str. / cum.	ESE
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.2	...	...	6.4	...	...	6.8	...	...	7.0	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
Sept. 1,...	8	c-cum. / cum.	E	10	str-cum.	...	10	str-cum.	...	4	cum.	...	6.7
„ 2,...	5	c-cum. / cum.	E	8	sm-cum. / cum.	E	3	c-str. / cum.	E	2	cum.	...	4.8
„ 3,...	1	c-cum.	...	1	c-cum.	...	2	cum.	...	1	cum.	...	2.7
„ 4,...	2	c-cum.	...	7	c-str. / sm-cum.	W / ..	3	c-str.	...	4	cum.	...	3.6
„ 5,...	2	c-cum. / cum.	WSW / ..	8	c-cum.	WSW	9	c-str. / cum.	...	7	c-str. / cum.	ENE	4.8
„ 6,...	9	c-str. / cum.	...	10	c-str.	...	9	c-str. / cum.	...	4	c-str. / cum.	...	6.7
„ 7,...	8	c-str. / sm-cum.	...	8	c-str. / sm-cum.	...	7	c-str. / cum.	NE	9	c-str. / cum.	NE	5.9
„ 8,...	2	c-cum. / cum.	ENE	2	cum.	ENE	1	cum.	...	2	cum.	...	4.9
„ 9,...	3	c-cum. / cum.	ENE	1	c-cum. / cum.	...	3	sm-cum / cum.	ENE	6	c-str. / cum.	ENE	2.9
„ 10,...	10	nim.	E	10	R-cum.	ENE	10	R-cum.	ESE	8	R-cum.	ESE	9.4
„ 11,...	9	sm-cum. / cum.	SSE / ESE	9	c-cum. / cum.	SSE	6	cum.	ESE	10	cum.	E	8.6
„ 12,...	9	cum.	ESE	9	cum.	SE	4	str-cum.	...	2	cum.	ESE	7.4
„ 13,...	8	sm-cum. / cum.	E	6	c-cum. / cum.	SSW / WSW	8	c-cum. / cum.	E	7	c-cum. / cum.	SE	6.4
„ 14,...	7	cum.	NNE	8	sm-cum.	N	3	c-str.	...	1	sm-cum.	...	6.0
„ 15,...	2	sm-cum. / cum.	N	4	c-str. / cum.	NNE	10	nim.	N	10	cum-nim.	N	6.5
„ 16,...	7	cum.	N	4	cum.	...	2	cum.	...	10	cum.	N	4.9
„ 17,...	3	cum.	NNE	4	cum.	NNE	6	cum.	NNE	1	cum.	NE	4.6
„ 18,...	9	c-cum. / cum.	ENE	10	str. / R-cum.	ENE	10	nim.	...	10	nim.	...	8.1
„ 19,...	10	nim.	SE	10	c-cum. / R-cum.	SE	8	R-cum.	...	10	nim.	...	9.5
„ 20,...	8	c-cum. / cum.	SE	7	c-cum. / cum.	SSE	0	...	...	3	cum-nim.	SSE	6.1
„ 21,...	10	c-cum. / cum.	SSE	10	nim.	...	3	cum-nim.	...	2	cum.	...	8.1
„ 22,...	6	c-cum. / cum.	SSE	4	c-cum. / cum.	SSE	3	str-cum.	...	10	nim.	...	3.8
„ 23,...	9	c-str. / cum.	NW	7	c-cum. / cum.	NNE / NNE	5	cum-str.	...	7	str-cum.	...	8.1
„ 24,...	4	c-cum. / sm-cum. / cum.	.. / N / ..	10	str. / cum.	NE	6	str-cum.	...	10	nim.	...	7.1
„ 25,...	10	nim.	SE	10	nim.	SSE	10	str-cum.	...	10	nim.	...	10.0
„ 26,...	9	c-cum. / cum.	SSE	8	c-str. / cum.	SSE	3	cum.	SSE	3	cum.	...	6.7
„ 27,...	3	c-cum. / cum.	E	3	cum.	E	3	cum.	...	3	cum.	...	5.1
„ 28,...	8	c-cum. / cum.	NE	8	c-str. / sm-cum. / cum.	NE	3	cum.	...	1	sm-cum.	...	6.3
„ 29,...	10	str. / cum.	NE	9	R-cum.	NE	10	nim.	NE	10	str-cum.	ENE	8.5
„ 30,...	10	str. / cum.	ESE	10	str-cum. / cum.	SE	10	R-cum.	SE	10	str-cum.	ESE	10.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.7	...	...	7.2	...	...	5.7	...	...	5.9	...	...	6.5

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF SEPTEMBER, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	6.43	15.33	2.23	0.00	+4.20	+15.33	E 15° N
2 „	6.33	15.27	2.27	0.00	4.06	15.27	E 15° N
3 „	6.43	14.27	2.03	0.07	4.40	14.20	E 17° N
4 „	6.20	14.43	1.77	0.17	4.43	14.26	E 17° N
5 „	6.40	14.20	2.10	0.00	4.30	14.20	E 17° N
6 „	5.57	14.03	1.20	0.00	4.37	14.03	E 17° N
7 „	5.73	13.83	1.80	0.00	3.93	13.83	E 16° N
8 „	5.73	14.67	1.73	0.33	4.00	14.34	E 16° N
9 „	5.00	16.63	1.40	0.50	3.60	16.13	E 13° N
10 „	4.53	17.90	3.10	0.50	1.43	17.40	E 5° N
11 „	4.47	18.03	3.00	0.70	1.47	17.33	E 5° N
Noon.	3.93	18.50	3.77	0.50	+0.16	18.00	E 1° N
1 p.	3.70	16.70	4.27	0.47	−0.57	16.23	E 2° S
2 „	3.03	14.77	5.20	0.57	2.17	14.20	E 9° S
3 „	2.07	16.40	5.10	0.77	3.03	15.63	E 11° S
4 „	2.77	16.40	4.13	0.53	1.36	15.87	E 5° S
5 „	3.27	15.70	4.33	0.23	1.06	15.47	E 4° S
6 „	3.63	14.83	5.13	0.07	1.50	14.76	E 6° S
7 „	3.93	15.00	4.17	0.00	−0.24	15.00	E 1° S
8 „	4.37	15.77	3.33	0.10	+1.04	15.67	E 4° N
9 „	4.50	17.73	2.90	0.00	1.60	17.73	E 5° N
10 „	4.60	15.83	3.33	0.00	1.27	15.83	E 5° N
11 „	5.93	17.23	3.53	0.00	2.40	17.23	E 8° N
Midt.	6.77	16.17	3.10	0.10	+3.67	+16.07	E 13° N
Means, ...	4.80	15.82	3.12	0.23	+1.68	+15.58	E 6° N

PHENOMENA :—

Solar halo :—on the 4th, 6th, 7th, 23rd, 26th and 28th.

Lunar halo :—on the 5th, 6th, 7th, 8th, 10th and 13th.

Lunar corona :—on the 5th, 11th, 12th, 13th, 18th and 20th.

Fog :—on the 21st.

Slight Fog :—on the 14th.

Haze :—on the 1st, 8th, 17th, 22nd, 24th and 28th.

Unusual visibility :—on the 29th.

Dew :—on the 1st, 17th and 22nd.

Rainbow :—on the 12th.

Lightning without thunder :—on the 3rd, 5th, 22nd, 24th, 25th, 27th and 28th.

Thunder without lightning :—on the 13th, 18th, 21st and 24th.

Thunder and lightning :—on the 1st.

Thunderstorms :—on the 2nd, 3.45 a.—4.15 a., in SE, nearest at 4.3 a. (35^s). On the 15th, 5.30 p.—11.30 p., N—S, nearest at 8.50 p. (12^s). On the 23rd, 7.45 p.—8.30 p., in NNE, nearest at 8.18 p. (12^s).

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF OCTOBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.666	29.668	29.657	29.656	29.668	29.682	29.699	29.715	29.730	29.738	29.738	29.730	29.720	29.693	29.696	29.698	29.705	29.706	29.721	29.741	29.760	29.763	29.765	29.760	29.711
„ 2,...	.760	.759	.742	.737	.742	.753	.765	.784	.794	.814	.792	.767	.745	.726	.712	.712	.723	.727	.746	.757	.775	.776	.762	.752	.755
„ 3,...	.750	.741	.730	.720	.720	.732	.747	.765	.782	.781	.758	.740	.708	.692	.688	.672	.676	.680	.689	.707	.726	.725	.723	.707	.723
„ 4,...	.689	.670	.647	.640	.654	.654	.669	.694	.676	.667	.632	.607	.592	.580	.541	.528	.534	.540	.535	.548	.532	.522	.516	.523	.600
„ 5,...	.504	.483	.450	.445	.432	.436	.420	.388	.403	.373	.350	.298	.217	.202	.161	.140	.089	.098	.132	.173	.237	.306	.348	.390	.311
„ 6,...	.410	.430	.436	.455	.477	.503	.531	.556	.587	.606	.607	.603	.596	.594	.592	.603	.618	.634	.664	.690	.710	.732	.742	.740	.588
„ 7,...	.736	.738	.729	.746	.768	.787	.801	.822	.836	.849	.852	.841	.839	.818	.811	.817	.820	.831	.860	.884	.903	.907	.909	.902	.825
„ 8, ..	.890	.886	.880	.879	.893	.908	.921	.944	.952	.946	.945	.924	.900	.882	.870	.863	.870	.879	.889	.909	.923	.926	.920	.912	.905
„ 9,...	.897	.878	.863	.858	.873	.883	.901	.914	.934	.929	.919	.896	.867	.844	.825	.817	.817	.830	.846	.865	.873	.879	.867	.854	.872
„ 10,...	.843	.826	.827	.826	.839	.857	.879	.900	.912	.903	.891	.865	.831	.810	.808	.800	.807	.824	.839	.863	.878	.880	.875	.859	.852
„ 11,...	.840	.825	.822	.826	.836	.866	.892	.903	.921	.912	.909	.883	.859	.838	.827	.819	.832	.851	.874	.894	.904	.901	.886	.879	.867
„ 12,...	.870	.857	.839	.850	.853	.876	.894	.918	.932	.925	.921	.899	.871	.854	.840	.843	.852	.864	.875	.897	.905	.913	.900	.889	.881
„ 13,...	.882	.870	.858	.866	.885	.890	.921	.936	.941	.947	.930	.906	.882	.852	.838	.828	.833	.840	.861	.874	.887	.896	.892	.886	.883
„ 14,...	.879	.868	.865	.864	.879	.880	.898	.893	.907	.901	.893	.862	.837	.803	.790	.795	.800	.811	.837	.852	.868	.876	.867	.850	.857
„ 15,...	.840	.830	.826	.828	.840	.848	.864	.876	.888	.877	.864	.846	.823	.805	.806	.807	.806	.816	.840	.860	.867	.877	.879	.874	.845
„ 16,...	.863	.857	.856	.857	.858	.875	.878	.896	.916	.915	.897	.876	.849	.830	.821	.822	.830	.843	.866	.886	.891	.901	.904	.900	.870
„ 17,...	.896	.905	.902	.906	.914	.932	.943	.952	.961	.969	.955	.935	.910	.892	.889	.884	.899	.918	.926	.945	.960	.969	.964	.949	.928
„ 18,...	.946	.932	.928	.932	.940	.952	.962	.990	30.006	30.011	.989	.971	.940	.922	.914	.911	.926	.936	.956	.963	.974	.978	.975	.962	.955
„ 19,...	.952	.944	.935	.932	.945	.956	.978	.996	.003	.004	.996	.956	.936	.920	.910	.912	.921	.938	.946	.955	.960	.960	.955	.951	.953
„ 20,...	.931	.921	.912	.910	.916	.942	.950	.971	29.992	29.977	.971	.946	.924	.910	.896	.905	.919	.929	.952	.975	.982	.985	.977	.966	.944
„ 21,...	.956	.960	.958	.963	.983	30.008	30.028	30.055	30.062	30.057	30.045	30.011	.990	.971	.956	.958	.968	.980	.997	30.018	30.026	30.028	30.019	30.007	30.000
„ 22,...	.998	.985	.986	.986	.988	.013	.042	.054	.062	.050	.043	.027	30.010	.989	.987	.984	.990	30.003	30.025	.035	.038	.038	.023	.012	.015
„ 23,...	30.000	.991	.980	.980	.988	29.997	.022	.037	.045	.043	.023	29.998	29.975	.960	.953	.955	.967	29.969	29.991	.012	.028	.032	.026	.014	29.999
„ 24,...	.004	.999	.997	.988	.982	.993	.024	.047	.046	.035	.014	.987	.968	.960	.957	.958	.970	.977	.996	.001	.006	.021	.003	.000	.997
„ 25,	.000	.976	.977	.956	.972	.984	.013	.025	.030	.003	29.986	.957	.928	.913	.916	.911	.923	.928	.943	29.954	29.959	29.963	29.965	29.962	.965
„ 26,...	29.962	.954	.938	.934	.944	.959	29.978	29 993	29.996	29.987	.971	.955	.931	.907	.907	.897	.911	.925	.938	.955	.966	.967	.974	.974	.951
„ 27,...	.970	.952	.944	.951	.963	.974	.995	30.007	30.023	30.031	30.020	.991	.968	.946	.932	.934	.942	.948	.952	.985	.986	.996	30.000	.995	.975
„ 28.	.986	.968	.958	.958	.968	.990	.998	.010	.016	.008	.000	.975	.946	.925	.914	.910	.920	.916	.932	.946	.970	.981	29.983	.968	.964
„ 29,...	.965	.957	.950	.950	.955	.967	.983	29.996	.000	29.991	29.980	.955	.924	.900	.893	.892	.908	.913	.928	.954	.960	.965	.963	.961	.950
„ 30,...	.952	.934	.928	.933	.942	.952	.969	.989	.004	30.003	.985	.962	.929	.919	.906	.915	.925	.936	.951	.973	.983	.985	.986	.976	.956
„ 31,...	.968	.967	.976	.966	.978	.996	30.016	30.032	.045	.033	30.017	.978	.950	.933	.932	.930	.937	.952	.964	.980	.994	.993	.993	.992	.980
Means,.....	29.865	29.856	29.848	29.849	29.858	29.872	29.890	29.905	29.916	29.912	29.900	29.876	29.850	29.832	29.822	29.820	29.827	29.837	29.854	29.873	29.885	29.892	29.889	29.883	29.867

TABLE II.

TEMPERATURE FOR THE MONTH OF OCTOBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Oct. 1,	80.9	80.8	80.6	80.8	80.8	81.0	80.7	80.8	81.8	81.7	82.2	81.0	77.7	81.3	80.3	80.6	79.8	79.2	79.0	78.9	79.1	79.0	79.3	79.1	80.3	82.4	77.6
„ 2,	79.2	79.0	78.6	78.6	77.9	77.0	79.1	79.9	80.0	79.1	81.2	81.9	81.8	82.2	81.8	81.3	80.4	79.4	79.3	79.4	79.6	79.2	78.9	78.6	79.7	82.5	77.0
„ 3,	78.8	78.3	78.5	79.0	78.6	78.6	79.2	79.9	80.8	81.8	81.8	82.5	82.0	84.8	83.7	83.9	82.0	80.2	79.9	79.5	79.6	80.3	80.6	80.8	80.6	85.2	77.8
„ 4,	80.6	80.7	80.6	81.3	80.6	80.8	81.0	81.3	81.5	83.1	83.5	83.5	82.8	80.8	78.9	79.2	78.2	76.5	79.2	78.8	80.1	80.0	79.2	75.9	80.3	83.8	75.0
„ 5,	77.4	76.7	75.6	75.8	76.1	75.0	75.1	76.3	75.8	75.1	76.3	74.8	74.4	74.8	74.6	74.2	74.0	74.8	74.9	75.3	76.0	75.0	74.0	74.7	75.3	77.4	74.0
„ 6,	75.4	76.0	74.2	75.2	74.9	74.2	72.9	72.1	72.3	72.0	72.3	73.0	72.0	72.2	72.6	72.5	73.4	73.7	72.2	71.9	72.0	71.4	70.7	70.4	72.9	76.0	70.2
„ 7,	70.3	69.8	69.8	69.0	68.7	67.8	69.6	73.6	75.7	75.1	74.7	75.6	74.5	73.8	74.5	74.0	72.5	71.9	71.9	71.2	70.6	70.6	71.0	70.9	72.0	75.9	67.8
„ 8,	70.8	70.6	70.4	70.4	70.1	70.1	71.5	72.8	76.6	76.4	76.9	77.0	76.8	77.0	77.4	78.0	77.0	75.1	74.1	73.8	73.9	73.8	73.6	73.2	74.1	78.2	69.9
„ 9,	72.9	72.6	72.5	72.4	71.9	72.0	72.6	73.6	75.8	77.4	79.4	80.6	80.6	79.6	80.0	79.3	78.0	76.9	76.5	75.9	75.9	75.9	76.3	75.7	76.0	81.8	71.9
„ 10,	76.1	75.3	74.9	74.6	74.5	74.8	74.3	75.0	76.6	77.7	79.0	80.7	81.6	81.4	82.4	81.9	80.3	76.6	75.9	75.6	74.4	73.8	73.7	73.6	76.9	83.1	73.6
„ 11,	73.0	72.9	73.5	72.9	72.6	71.2	73.0	73.8	75.0	77.3	79.2	80.9	79.7	78.5	78.4	77.7	76.4	75.6	75.6	75.3	74.4	75.6	75.9	76.1	75.6	80.9	70.2
„ 12,	75.3	75.5	75.6	75.2	75.1	74.8	75.0	74.6	77.2	78.7	79.4	78.9	79.4	78.4	78.8	78.2	77.1	76.6	76.5	76.6	76.4	76.4	76.4	76.1	76.8	80.2	73.9
„ 13,	75.8	75.4	75.1	75.1	74.9	75.1	75.1	76.8	78.0	78.2	78.2	79.1	78.8	78.9	78.3	77.6	76.8	76.2	76.5	76.2	76.2	76.5	76.9	76.6	76.8	79.5	74.6
„ 14,	76.1	75.8	75.2	75.0	74.1	73.9	75.0	76.7	78.0	79.3	80.4	80.9	80.7	80.4	78.9	77.7	76.6	75.6	75.2	75.0	74.2	73.6	73.4	72.8	76.4	82.1	72.8
„ 15,	73.1	72.6	72.6	72.8	74.1	72.8	74.5	76.0	77.8	80.2	79.2	80.1	80.0	79.6	78.3	77.2	75.8	75.4	74.7	74.1	73.6	73.7	72.6	72.6	75.6	80.3	72.4
„ 16,	72.5	71.5	71.8	71.4	72.3	72.6	73.5	74.9	76.4	78.5	78.4	80.3	80.6	81.0	80.7	80.1	78.7	77.1	76.5	75.7	75.6	74.8	74.4	74.1	76.0	82.2	71.4
„ 17,	72.6	72.5	72.0	71.7	71.4	71.4	72.0	73.3	74.5	77.1	78.0	78.0	80.0	79.2	78.0	75.6	74.4	72.7	72.9	72.9	72.5	72.0	71.6	71.3	74.1	80.0	70.9
„ 18,	70.8	70.4	70.0	69.7	70.0	69.9	70.0	71.0	73.3	75.8	78.0	78.2	78.9	80.4	79.7	78.9	78.0	76.2	75.9	74.7	74.3	73.4	72.2	71.6	74.2	81.5	69.1
„ 19,	71.7	71.0	71.0	71.1	69.4	68.5	69.7	70.1	72.5	73.6	76.4	76.6	77.8	77.4	76.0	75.0	74.0	73.1	73.1	72.6	72.6	72.1	71.5	71.4	72.8	79.0	68.5
„ 20,	70.8	70.6	70.3	69.5	69.2	68.8	71.2	72.7	76.6	76.3	77.9	81.0	80.0	80.4	79.8	79.5	79.0	77.1	76.6	75.1	74.0	73.5	72.9	72.8	74.8	81.2	68.8
„ 21,	73.3	71.6	70.5	70.4	70.3	70.5	70.6	71.4	77.6	76.1	77.7	78.8	79.2	79.9	77.6	77.8	76.0	74.4	73.8	73.6	73.4	73.6	73.9	73.6	74.4	79.9	70.3
„ 22,	73.2	72.4	71.2	70.0	71.4	71.8	71.4	74.0	73.2	75.9	76.4	77.0	76.4	74.0	74.4	74.0	73.6	73.6	72.7	72.6	72.7	72.8	73.0	73.2	73.4	77.0	70.0
„ 23,	72.2	71.1	70.5	70.2	68.7	68.6	68.6	71.2	73.5	74.7	75.8	76.5	77.2	76.0	75.5	76.1	74.7	72.3	70.7	69.6	69.6	69.2	68.9	68.4	72.1	77.6	68.1
„ 24,	68.3	67.7	67.5	66.9	67.6	67.7	70.0	70.8	70.5	73.0	73.7	76.0	75.3	73.2	73.1	72.7	71.6	71.6	71.6	71.4	70.6	69.8	70.6	70.6	70.9	77.1	66.7
„ 25,	68.6	67.0	67.6	67.6	67.2	66.6	67.7	68.7	70.6	72.3	74.0	75.8	76.0	74.3	72.6	71.9	71.2	71.0	70.6	69.6	69.0	69.9	69.8	69.7	70.4	76.5	66.5
„ 26,	69.0	68.5	67.7	67.4	66.8	66.8	67.8	68.7	71.6	72 3	74.7	75.2	74.9	75.1	76.2	75.1	73.3	71.0	70.4	70.8	70.2	68.8	68.6	68.2	70.8	76.2	66.8
„ 27,	68.1	67.4	65.8	66.6	65.6	66.0	67.2	69.5	72.5	74.6	74.3	74.8	74.7	75.0	75.0	73.0	72.9	71.3	70.7	70.6	70.1	69.5	67.4	67.1	70.4	75.2	65.3
„ 28,	67.5	68.7	67.0	66.9	67.6	67.5	67.2	69.3	72.0	74.1	74.8	75.0	76.5	76.0	76.8	75.5	73.7	73.0	72.0	71.3	70.0	69.7	69.0	67.6	71.2	77.1	66.7
„ 29,	67.6	67.9	66.9	66.1	65.7	66.6	67.3	69.0	72.0	73.1	75.0	76.0	75.8	77.0	77.7	76.2	75.3	73.2	72.1	71.7	71.3	70.3	69.7	69.4	71.4	78.0	66.1
„ 30,	68.4	68.2	68.6	68.5	68.6	68.2	69.0	70.0	72.0	73.4	74.8	75.0	75.2	75.7	72.8	72.9	71.9	72.0	71.9	71.9	71.2	71.3	70.7	70.0	71.3	76.1	67.8
„ 31,	68.6	68.2	67.3	66.5	66.3	66.8	68.7	69.9	73.4	73.2	75.7	76.5	77.0	78.0	78.0	76.5	74.0	71.8	71.4	71.0	70.1	68.6	69.5	68.6	71.5	78.0	66.3
Means,	72.9	72.5	72.0	71.9	71.7	71.5	72.3	73.5	75.3	76.4	77.4	78.1	78.0	77.9	77.5	76.9	75.8	74.7	74.3	74.0	73.7	73.4	73.1	72.7	74.5	79.4	70.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF OCTOBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Oct. 1, ...	76.5	76.4	76.6	76.0	76.4	76.5	76.8	77.0	77.1	77.3	78.0	77.3	77.0	77.0	76.1	76.0	75.8	75.9	75.5	77.0	77.0	76.8	76.7	76.7	76.6	122.3
" 2, ...	76.6	76.6	75.8	76.0	75.6	75.4	76.5	76.6	76.8	77.9	77.0	77.0	77.1	77.0	76.9	77.1	76.5	76.3	76.6	76.4	76.6	76.8	76.6	75.8	76.6	143.7
" 3, ...	76.5	76.9	76.6	75.6	75.0	74.8	75.2	74.8	74.8	75.1	75.0	75.4	75.8	77.0	77.1	76.8	76.6	76.1	75.8	75.5	75.9	76.4	76.2	75.4	75.8	147.0
" 4, ...	75.6	74.6	73.7	73.6	73.9	73.7	74.4	74.5	74.0	74.9	75.0	74.8	74.3	75.0	74.6	74.8	75.3	75.5	75.5	74.6	74.3	73.8	73.1	73.3	74.4	145.8
" 5, ...	73.1	73.0	73·7	73.9	73.3	74.2	74.2	74.8	74.7	74.7	74.8	74.3	74.1	73.5	73.9	73.8	73.7	74.3	74.5	74.7	74.3	74.0	73.2	73.7	74.0	† 80.0
" 6, ...	73.2	73.3	72.8	73.0	73.2	72.7	72.0	71.7	71.9	71.4	71.4	71.1	71.0	71.4	70.9	70.5	70.5	69.7	68.9	67.4	67.4	67.4	66.8	66.6	70.7	79.9
" 7, ...	66.3	66.2	66.1	65.8	65.9	65.8	66.7	69.4	70.3	69.6	70.6	70.6	70.4	70.2	71.0	70.0	69.0	68.9	68.4	68.6	68.6	68.1	68.0	67.8	68.4	137.0
" 8, ...	67.3	67.6	68.2	67.6	67.6	67.7	69.1	69.5	70.3	71.3	71.0	71.2	71.4	71.9	71.2	71.8	71.5	71.4	71.3	70.4	70.6	70.2	69.7	70.6	70.0	140.2
" 9, ...	70.0	69.6	69.8	69.7	69.5	69.1	70.3	70.6	71.0	72.1	71.6	72.8	72.6	72.8	73.1	73.6	73.3	72.6	72.1	72.2	72.1	71.9	72.5	72.7	71.6	133.9
" 10, ...	71.8	71.5	70.9	70.4	70.1	69.5	69.7	68.0	69.6	70.1	71.6	71.9	71.4	69.8	69.6	70.4	69.8	68.6	69.1	70.6	68.6	67.8	68.9	68.6	69.9	149.3
" 11, ...	66.9	65.0	64.0	64.6	64.1	63.9	65.1	65.2	66.1	67.3	69.0	69.2	67.1	67.4	67.0	68.9	68.6	68.4	69.2	68.9	69.6	70.3	69.6	70.0	67.3	136.7
" 12, ...	69.6	69.4	68.1	67.8	67.6	65.6	64.6	66.6	67.0	67.6	67.3	67.8	68.5	68.1	69.7	69.3	70.1	69.8	69.9	70.4	70.0	70.7	70.6	70.8	68.6	138.8
" 13, ...	71.0	69.8	69.0	68.4	67.1	67.6	67.6	68.0	68.2	69.2	68.6	68.2	67.7	68.5	68.5	68.6	68.3	68.8	69.4	68.5	69.4	70.6	70.4	70.2	68.8	132.9
" 14, ...	70.1	70.1	69.9	69.0	68.1	66.6	67.5	66.9	66.6	67.9	67.5	70.0	69.8	70.1	67.0	69.0	68.6	68.6	68.6	68.9	68.7	69.1	69.3	68.6	68.6	137.4
" 15, ...	69.9	68.9	69.1	69.6	68.8	68.6	69.9	70.0	70.7	71.3	70.7	70.6	71.7	70.8	70.4	70.1	68.9	68.8	68.7	69.2	68.9	69.8	69.4	68.9	69.7	133.4
" 16, ...	67.4	68.2	68.1	65.1	64.6	64.3	64.5	64.4	65.4	66.4	65.5	65.8	65.8	66.5	66.6	66.2	65.2	64.3	63.9	64.0	63.7	63.2	63.0	62.7	65.2	139.4
" 17, ...	62.1	61.8	61.7	61.6	61.7	61.6	62.1	63.3	64.0	66.2	66.8	67.0	68.0	68.0	67.5	67.0	66.1	66.1	65.3	65.0	64.7	64.6	64.3	63.9	64.6	147.1
" 18, ...	63.7	63.5	63.4	63.3	63.2	63.1	63.0	63.4	64.4	65.8	67.3	67.0	67.3	68.8	68.5	68.7	68.0	67.9	67.8	66.6	66.3	65.5	64.4	64.6	65.6	135.8
" 19, ...	65.5	64.6	64.9	64.2	63.2	63.2	63.6	63.8	65.6	65.7	67.2	67.6	68.6	67.6	66.8	67.0	66.4	66.0	65.9	65.6	65.2	64.9	64.6	64.8	65.5	125.5
" 20, ...	64.6	64.3	64.2	63.8	63.9	64.6	64.7	65.1	67.6	66.5	67.1	69.0	68.8	68.9	68.0	68.0	68.4	68.3	67.6	67.4	65.6	65.0	64.6	64.5	66.3	129.0
" 21, ...	64.6	64.1	63.6	63.7	63.8	63.9	63.6	63.7	67.1	66.4	67.0	68.5	69.0	69.4	68.3	68.8	68.2	68.0	68.4	68.2	68.3	68.6	68.3	70.0	66.8	139.2
" 22, ...	69.4	68.6	66.8	65.4	65.6	64.2	63.3	65.2	64.8	66.9	67.8	68.2	68.2	64.8	67.2	67.3	66.8	66.9	67.0	67.1	67.3	67.4	67.4	67.7	66.7	144.2
" 23, ...	67.4	66.8	62.8	61.6	60.6	60.6	60.5	62.0	62.3	63.9	64.0	64.4	65.3	63.6	64.1	64.8	64.5	61.7	61.3	60.7	60.3	60.0	60.3	60.4	62.7	137.1
" 24, ...	60.0	60.3	60.4	60.0	60.6	60.7	63.0	62.1	62.0	63.4	63.4	64.1	64.3	64.0	63.9	64.3	63.6	64.3	64.3	64.2	64.4	64.6	64.4	63.2	62.9	145.4
" 25, ...	61.6	61.4	60.8	60.9	60.6	60.0	61.0	61.1	62.0	63.2	63.6	63.8	64.9	64.7	64.6	64.7	64.3	64.1	63.8	61.0	60.9	61.1	61.0	59.7	62.3	134.2
" 26, ...	59.3	58.6	57.5	57.5	57.4	57.1	58.0	58.8	59.9	60.4	61.8	62.0	61.8	62.5	61.5	61.2	60.1	59.6	59.5	59.3	58.4	58.0	58.0	58.2	59.4	129.7
" 27, ...	57.6	56.9	56.6	55.8	55.6	55.6	57.0	59.2	60.7	62.1	61.7	61.5	63.1	63.1	63.2	62.0	62.0	62.2	62.0	63.3	62.7	61.0	60.4	60.0	60.2	132.6
" 28, ...	62.1	62.0	61.8	61.7	60.5	59.6	59.0	59.2	61.2	61.3	63.0	63.0	64.0	63.4	64.8	65.7	64.3	64.9	64.0	64.2	63.4	61.2	60.5	60.3	62.3	139.5
" 29, ...	60.5	60.4	59.6	59.7	58.7	57.6	59.2	59.2	61.0	60.8	62.0	62.0	62.0	62.3	63.0	61.1	60.6	60.2	60.2	59.8	59.8	59.5	59.7	59.6	60.4	138.2
" 30, ...	59.6	59.6	59.5	59.6	59.4	59.6	60.0	60.7	62.0	62.5	64.1	64.0	64.8	65.0	64.9	64.9	64.6	64.6	65.0	65.8	65.3	65.9	62.0	60.6	62.7	140.3
" 31, ...	60.2	59.9	59.3	59.2	59.0	59.0	60.0	60.2	61.7	63.1	63.7	63.5	64.2	65.0	65.5	65.3	63.0	62.2	60.8	61.0	60.6	60.5	60.3	60.7	61.6	134.8
Means, ...	67.1	66.8	66.3	65.9	65.6	65.4	65.9	66.3	67.1	67.8	68.2	68.5	68.7	68.6	68.6	68.6	68.1	67.9	67.8	67.6	67.4	67.2	66.9	66.8	67.3	133.7

† Approximate.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF OCTOBER, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	73	0.596	Oct. 1,.....	84	0.867
2 „	73	.590	„ 2,.....	87	.875
3 „	72	.579	„ 3,.....	79	.828
4 „	70	.566	„ 4,.....	74	.773
5 „	71	.558	„ 5,.....	94	.824
6 „	71	.554	„ 6,.....	89	.723
7 „	69	.561	„ 7,.....	83	.647
8 „	66	.559	„ 8,.....	81	.680
9 „	63	.563	„ 9,.....	80	.717
10 „	62	.574	„ 10,.....	69	.638
11 „	60	.576	„ 11,.....	63	.558
Noon.	59	.578	„ 12,.....	64	.591
1 p.	60	.587	„ 13,.....	65	.598
2 „	60	.584	„ 14,.....	66	.596
3 „	61	.590	„ 15,.....	73	.648
4 „	64	.597	„ 16,.....	53	.479
5 „	65	.594	„ 17,.....	57	.484
6 „	69	.600	„ 18,.....	61	.517
7 „	70	.602	„ 19,.....	66	.532
8 „	70	.599	„ 20,.....	61	.534
9 „	71	.596	„ 21,.....	66	.557
10 „	71	.593	„ 22,.....	69	.567
11 „	71	.585	„ 23,.....	56	.446
Midt.	72	.587	„ 24,.....	62	.468
			„ 25,.....	61	.455
			„ 26,.....	47	.357
			„ 27,.....	52	.387
			„ 28,.....	57	.444
			„ 29,.....	49	.380
			„ 30,.....	60	.457
			„ 31,.....	54	.418
Means,.....	67	0.582	Means.	67	0.582

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.
1894.														
Oct. 1,.....	...	...	...	0.4	0.2	0.5	0.1	0.1	...	0.2	0.1	...	...	1.6
„ 2,.....	...	0.1	0.3	0.3	0.6	0.5	0.8	0.8	0.9	1.0	0.8	0.3	...	6.4
„ 3,.....	...	0.3	0.7	0.7	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	...	9.6
„ 4,.....	...	...	...	0.4	1.0	0.3	...	...	...	...	...	...	...	1.7
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	0.4	1.0	0.6	...	0.1	...	...	...	...	...	...	2.1
„ 8,.....	...	0.1	...	0.2	0.4	0.2	...	...	...	0.1	0.2	0.4	...	1.6
„ 9,.....	...	...	...	...	0.1	0.3	0.4	0.2	0.2	0.7	0.5	0.3	...	2.7
„ 10,.....	...	...	...	...	...	...	...	0.9	1.0	1.0	1.0	0.9	...	4.8
„ 11,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.4
„ 12,.....	...	...	...	0.9	1.0	0.8	0.6	1.0	1.0	1.0	1.0	0.6	...	7.9
„ 13,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.4
„ 14,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	...	10.1
„ 15,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.5	...	...	8.7
„ 16,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.5
„ 17,.....	...	0.1	0.9	0.7	1.0	1.0	1.0	1.0	0.6	...	...	0.1	...	6.4
„ 18,.....	...	...	...	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	8.1
„ 19,.....	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 20,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.3
„ 21,.....	...	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.6
„ 22,.....	...	...	0.6	0.2	1.0	1.0	1.0	0.8	0.4	0.1	0.1	...	...	5.2
„ 23,.....	...	0.2	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.8	...	9.3
„ 24,.....	...	0.3	0.6	0.2	0.6	0.2	0.6	0.9	0.4	0.9	0.1	...	...	4.8
„ 25,.....	...	...	...	0.6	0.9	1.0	1.0	0.9	0.3	0.1	...	...	...	4.8
„ 26,.....	...	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.2
„ 27,.....	...	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	...	9.4
„ 28,.....	...	...	0.4	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	...	8.5
„ 29,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.3
„ 30,.....	...	0.1	0.2	0.1	0.9	1.0	1.0	1.0	1.0	0.2	...	...	...	5.5
„ 31,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.1	...	9.4
Sums,.....	...	7.4	13.9	19.2	23.2	21.8	21.5	22.6	20.8	19.8	17.2	11.0	...	198.4

TABLE VI.

RAINFALL FOR THE MONTH OF OCTOBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
Oct. 1,	...	...	...	...	...	...	...	...	...	...	0.010	0.100	0.300	0.030	...	0.005	...	...	...	...	...	...	...	...	0 445	3
" 2,	...	...	0.020	...	0.025	0.025	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.020	0.015	0.080	0.200	6
" 3,	0.005	0.010	...	0.020	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.050	2
" 4,	...	...	0.005	...	...	...	...	...	...	...	...	...	...	0.020	0.195	0.010	0.140	0.035	0.190	...	...	...	...	0.110	0.705	5
" 5,	0.055	0.005	0.100	0.220	0.125	0.240	0.225	0.545	0.150	0.325	0.330	0.390	0.310	0.520	0.500	0.490	0.810	1.400	0.850	0.800	0.720	0.450	0.340	0.290	10.190	24
" 6,	0.225	0.125	0.200	0.330	0.420	0.550	0.500	0.550	0.470	0.700	0.480	0.320	0.300	0.300	0.260	0.095	0.005	0.010	0.055	0.005	0.005	0.010	0.005	...	5.920	19
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	0.010	1
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	0.005	...	...	0.035	...
" 12,	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.295	0.145	0.325	0.570	0.570	0.815	0.730	1.105	0.620	1.025	0.820	0.810	0.910	0.870	0.955	0.600	0.955	1.450	1.100	0.805	0.760	0.485	0.360	0.490	17.570	60

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF OCTOBER, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Oct. 1,	10	40	11	41	11	38	12	38	11	36	11	37	11	35	10	38	10	36	11	40	10	32	11	33	12	33	12	27	13	25	14	23	14	18	11	8	10	7	8	11	8	20	8	19	8	14	8	15	661	27.7	11
" 2,	8	19	8	18	9	18	9	15	10	12	10	11	11	12	10	12	9	18	9	17	8	21	9	18	7	17	8	17	8	17	7	19	8	17	7	18	7	16	7	14	7	18	7	22	7	23	7	26	415	17.3	8
" 3,	7	21	7	24	7	23	7	23	5	25	5	18	7	20	5	23	6	21	6	22	6	20	7	16	9	9	13	5	9	5	25	6	25	5	6	6	9	11	9	9	9	8	6	14	7	24	6	29	387	16.1	7
" 4,	6	25	5	26	5	17	5	19	4	12	5	16	4	22	4	25	4	24	3	33	3	30	5	38	5	36	5	39	3	38	4	38	5	42	6	44	5	45	7	47	7	54	7	58	7	52	8	58	838	34.9	5
" 5,	8	59	7	59	7	62	8	64	8	61	9	63	9	72	8	73	10	80	9	76	10	70	11	72	11	80	12	67	13	70	14	77	13	†85	14	†80	15	63	16	49	17	50	18	58	18	71	18	67	1628	67.8	12
" 6,	18	62	18	63	19	46	19	43	19	37	20	35	20	39	20	38	20	33	20	26	20	23	20	23	20	22	21	19	23	26	23	23	24	23	26	19	28	15	27	23	28	27	27	22	28	20	29	17	724	30.2	21
" 7,	28	16	29	15	30	10	29	9	...	1	...	1	30	4	...	1	29	6	32	11	32	8	8	3	1	9	1	9	32	13	1	13	1	13	32	9	1	10	1	12	32	11	32	10	1	14	32	11	219	9.1	32
" 8,	32	11	32	10	32	3	32	3	30	4	31	3	...	1	31	2	3	5	4	13	3	13	4	14	3	10	31	8	32	6	32	3	31	3	32	8	1	5	1	3	1	7	1	5	3	4	...	1	145	6.0	1
" 9,	3	4	2	8	2	3	...	0	1	5	32	6	32	2	...	1	...	0	11	3	6	9	6	8	10	6	16	5	26	4	27	4	25	5	26	6	25	5	...	1	5	3	7	4	...	1	9	2	95	4.0	2
" 10,	9	3	1	8	32	10	32	8	1	12	1	10	4	3	32	7	32	10	32	12	32	13	32	12	1	12	2	8	3	10	4	5	2	5	2	5	2	3	30	4	30	4	2	3	...	1	2	7	175	7.3	1
" 11,	1	15	2	12	2	12	2	15	1	15	2	6	32	7	32	7	5	11	4	12	7	10	7	13	9	16	10	18	8	13	8	13	10	16	9	13	8	9	4	7	3	6	8	17	7	18	7	22	303	12.6	6
" 12,	5	21	6	20	5	23	5	19	5	21	5	23	6	18	3	15	4	17	4	17	6	21	8	22	9	23	9	19	7	19	7	21	6	22	7	21	6	22	7	22	7	26	7	29	7	29	7	28	521	21.7	6
" 13,	7	25	7	30	7	31	7	29	7	28	7	28	7	26	7	26	7	27	6	28	7	29	6	27	8	19	10	19	10	23	10	21	8	20	7	14	8	14	7	15	7	12	7	16	8	22	7	23	552	23.0	7
" 14,	7	20	7	23	7	23	6	18	5	15	4	14	5	14	5	18	4	17	4	18	7	14	10	12	10	13	9	18	9	16	10	13	10	10	10	8	12	9	10	5	10	2	10	2	10	2	...	1	305	12.7	7
" 15,	10	3	...	1	10	2	6	2	6	7	4	9	3	8	3	10	8	13	10	11	10	9	9	10	9	14	9	16	10	15	9	14	11	9	11	8	11	3	...	1	...	0	...	1	11	2	11	2	170	7.1	8
" 16,	11	3	...	1	11	5	32	5	5	8	2	15	4	13	1	16	1	16	1	22	1	22	32	17	32	18	32	18	1	14	1	16	32	14	32	15	32	19	32	16	1	21	1	21	1	21	32	19	355	14.8	1
" 17,	1	17	2	18	2	16	2	13	3	16	2	19	1	25	32	25	1	28	32	21	32	22	32	25	32	20	1	19	1	23	1	23	1	19	2	18	32	21	2	16	32	22	2	10	2	15	1	25	479	20.0	1
" 18,	1	28	1	26	32	27	1	25	1	31	1	28	1	26	1	20	32	18	32	14	32	17	32	16	32	15	31	13	32	13	31	11	32	11	32	7	1	5	1	13	32	17	1	22	1	15	9	6	424	17.7	1
" 19,	3	8	2	6	3	7	1	14	1	13	31	3	32	5	30	6	32	4	31	7	1	11	1	13	32	13	32	11	31	10	30	7	31	4	32	8	31	7	32	12	1	20	1	16	32	12	1	10	227	9.5	32
" 20,	32	14	32	15	1	12	32	11	1	15	1	12	32	11	1	14	32	12	1	12	5	8	4	8	4	10	31	16	32	16	31	15	32	12	1	11	32	12	32	15	1	13	3	18	1	20	2	13	315	13.1	1
" 21,	4	8	32	10	32	9	32	14	1	13	30	7	32	12	32	9	1	9	30	10	4	12	8	13	10	12	9	7	9	10	9	11	9	12	9	12	7	8	9	9	7	7	6	7	5	7	4	13	241	10.0	5
" 22,	2	9	4	14	32	14	2	16	1	13	1	16	32	15	32	10	3	7	5	11	8	16	10	18	10	21	9	21	9	16	8	14	9	12	7	11	6	9	6	9	5	10	5	8	4	6	3	10	309	12.9	5
" 23,	3	8	1	11	1	14	1	19	1	21	1	22	1	23	2	16	1	15	3	10	7	12	7	12	8	11	2	8	8	11	2	10	32	12	2	12	1	14	32	19	2	18	1	10	2	13	1	14	335	14.0	2
" 24,	2	6	32	7	1	12	1	6	4	6	2	3	30	3	3	8	4	14	5	17	5	15	7	14	9	18	9	17	9	14	8	12	8	9	8	8	5	6	5	4	3	5	3	4	3	7	3	10	225	9.4	5
" 25,	1	12	32	12	2	12	3	16	1	17	2	17	1	17	1	12	1	5	2	11	31	14	32	13	8	7	8	10	10	11	10	12	7	11	6	9	5	10	2	9	1	12	2	10	1	12	32	17	288	12.0	2
" 26,	32	16	32	21	1	20	2	15	1	14	1	17	1	10	1	11	1	7	2	6	8	6	7	14	7	13	5	11	1	10	32	12	32	13	32	7	32	6	32	8	1	12	1	11	2	5	32	3	268	11.2	2
" 27,	1	7	1	11	32	11	1	15	32	16	32	16	1	8	1	6	3	7	6	7	4	10	8	13	10	18	10	13	10	8	10	7	8	6	9	4	9	8	9	8	7	6	6	5	2	4	9	3	217	9.0	5
" 28,	...	1	2	6	32	7	1	8	1	10	32	12	32	13	1	16	32	9	1	8	3	4	27	8	22	6	23	8	23	9	24	8	23	6	31	4	8	10	8	6	3	5	32	13	32	14	32	10	201	8.4	32
" 29,	32	7	21	2	31	5	32	4	32	2	32	2	32	6	32	6	32	8	1	13	32	11	4	9	29	5	31	7	2	14	32	11	1	12	2	13	32	15	32	16	1	20	1	20	1	21	32	21	250	10.4	1
" 30,	1	19	1	15	1	18	32	11	2	12	2	11	1	11	1	13	1	10	32	9	8	11	7	12	9	14	10	14	10	16	9	14	8	12	8	10	6	8	7	6	6	6	6	5	32	16	1	15	288	12.0	4
" 31,	32	11	32	12	1	11	2	3	1	9	32	14	1	19	1	17	32	16	32	12	32	10	32	10	13	5	20	5	16	5	32	6	32	15	1	9	1	11	2	6	1	8	32	12	1	12	1	13	251	10.5	1
Sums,	...	518	...	545	...	521	...	500	...	510	...	494	...	500	...	501	...	503	...	535	...	523	...	536	...	525	...	492	...	500	...	482	...	473	...	425	...	406	...	395	...	450	...	472	...	497	...	511	11814	492.3	...
Means,	...	16.7	...	17.6	...	16.8	...	16.1	...	16.5	...	15.9	...	16.1	...	16.2	...	16.2	...	17.3	...	16.9	...	17.3	...	16.9	...	15.9	...	16.1	...	15.5	...	15.3	...	13.7	...	13.1	...	12.7	...	14.5	...	15.2	...	16.0	...	16.5	381.1	15.9	...

† Approximate. On the 9th noon to 5p. inclusive, during which time new cups were being fitted, the velocity is entered from frequent estimations.

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
October 1, ...	10	nim.	...	10	str-cum.	...	8	c-cum. / cum.	SSE / SSE	10	R-cum.	SE
„ 2, ...	4	cum.	SSE	7	cum.	...	10	c-cum. / sm-cum. / cum.	.. / S / SE	9	c-cum. / sm-cum. / cum.	SE
„ 3, ...	8	cum-nim.	...	9	nim.	...	8	c-cum. / cum.	E / E	8	cum.	E
„ 4, ...	8	cum.	ENE	3	cum.	ENE	10	sm-cum. / cum.	ENE / ENE	9	c-str. / c-cum. / cum.	ENE
„ 5, ...	10	cum-nim.	...	10	nim.	...	10	nim.	ESE	10	nim.	SE
„ 6, ...	10	nim.	...	10	nim.	...	10	nim.	WSW	10	nim.	WSW
„ 7, ...	9	str-cum.	...	2	sm-cum. / cum.	...	9	sm-cum. / cum.	...	9	c-cum. / cum.	ENE
„ 8, ...	9	nim.	...	9	cum-nim.	...	8	sm-cum. / cum.	ENE	9	c-cum. / R-cum.	ENE
„ 9, ...	10	str-cum.	...	9	str-cum.	...	10	cum.	ENE	9	sm-cum. / cum.	NW / ..
„ 10, ...	9	cum.	NNW	10	cum.	...	9	sm-cum.	...	9	sm-cum.	...
„ 11, ...	1	cum.	NNE	6	str. / cum.	NNE	5	sm-cum. / cum.	NNE	0	...	...
„ 12, ...	8	cum.	ENE	10	cum.	...	9	sm-cum.	S	2	c-cum. / cum.	SSW / NE
„ 13, ...	3	cum.	E	0	...	...	0	...	...	0	...	...
„ 14, ...	5	cum.	ENE	2	cum.	ENE	0	...	...	0	...	...
„ 15, ...	3	sm-cum. / cum.	...	1	cum.	NE	1	cum.	...	4	cum.	NNE
„ 16, ...	0	...	...	2	sm-cum.	NNE	1	cum.	...	0	...	...
„ 17, ...	0	...	...	4	cum.	NE	4	str. / cum.	ENE	2	sm-cum.	NE
„ 18, ...	5	sm-cum. / cum.	SE	0	...	...	8	c-cum. / cum.	...	2	sm-cum. / cum.	E
„ 19, ...	7	cum.	ENE	9	cum.	ENE	10	sm-cum. / cum.	ENE	10	sm-cum. / cum.	ENE
„ 20, ...	9	cum.	ENE	9	cum.	ENE	2	sm-cum.	...	1	cum.	...
„ 21, ...	9	cum.	NE	9	cum.	NE	8	sm-cum.	...	0	...	...
„ 22, ..	8	nim.	...	9	cum-nim.	...	7	sm-cum.	W	1	cum.	...
„ 23, ...	10	cum.	...	10	cum.	...	2	sm-cum.	W	0	...	...
„ 24, ...	4	cum.	...	4	sm-cum. / cum.	...	7	c-cum. / cum.	WNW / NNE	8	sm-cum. / cum.	WNW / ..
„ 25, ...	2	cum.	...	8	cum.	...	7	sm-cum. / cum.	...	1	sm-cum.	...
„ 26, ...	10	cum.	...	0	...	...	7	sm-cum.	W	2	sm-cum.	W
„ 27, ...	0	...	...	1	cum.	...	2	sm-cum. / cum.	...	3	sm-cum.	WNW
„ 28, ...	2	cum.	...	2	cum.	...	5	c-cum. / cum.	...	2	c-cum.	W
„ 29, ...	0	...	...	0	...	...	4	c-cum.	N	0	...	...
„ 30, ...	0	...	...	7	cum.	...	10	c-cum. / cum.	ENE	2	sm-cum.	...
„ 31, ...	1	sm-cum.	...	0	...	...	1	c-cum. / cum.	...	0	...	...
Means,..	5.6	...	...	5.5	...	...	6.2	...	...	4.3	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
October 1,...	10	nim.	...	8	c-cum. / cum.	SSE	2	cum.	...	2	cum.	SSE	7.5
„ 2,...	8	c-cum. / cum.	N / SE	7	c-cum. / cum.	E	8	cum-nim.	...	8	nim.	...	7.6
„ 3,...	2	c-cum. / cum.	E	4	c-cum. / cum.	N	8	cum.	N	9	str-cum.	...	7.0
„ 4,...	10	str. / cum.	ENE	10	str. / R-cum.	E	10	cum-nim.	...	10	R-cum.	...	8.7
„ 5,...	10	nim.	SE	10	nim.	SSE	10	nim.	...	10	nim.	...	10.0
„ 6,...	10	nim.	WSW	10	nim.	W	10	nim.	...	9	nim.	...	9.9
„ 7,...	10	nim.	...	10	str-cum.	E	10	nim.	...	10	str-cum. / cum.	...	8.6
„ 8,...	10	R-cum.	ENE	8	c-cum. / cum.	E	8	sm-cum. / cum.	E	10	str-cum.	...	8.9
„ 9,...	9	sm-cum. / cum.	...	9	sm-cum. / cum.	NNW	10	cum. / R-cum.	W	10	c-cum. / cum.	W	9.5
„ 10,...	5	sm-cum.	N	1	cum.	...	0	...	...	1	sm-cum.	NNE	5.5
„ 11,...	1	cum.	NNE	1	cum.	...	4	cum.	E	6	cum.	ENE	3.0
„ 12,...	1	sm-cum.	...	1	cum.	...	2	cum.	ENE	2	cum.	ENE	4.4
„ 13,...	0	...	...	0	...	...	1	cum.	NE	5	cum.	NE	1.1
„ 14,...	2	cum.	NE	2	cum.	...	1	sm-cum.	...	0	...	...	1.5
„ 15,...	3	cum.	NNE	5	cum.	N	2	c-str.	N	1	sm-cum.	NNE	2.5
„ 16,...	1	cum.	...	1	cum.	...	4	cum.	...	1	sm-cum.	ENE	1.3
„ 17,...	6	c-cum. / cum.	N / E	3	sm-cum. / cum.	NE / ..	10	str-cum.	...	9	sm-cum. / cum.	SE	4.7
„ 18,...	2	cum.	...	1	c-cum. / cum.	E	10	str. / cum.	...	6	sm-cum. / cum.	NE	4.3
„ 19,...	9	sm-cum. / cum.	ENE	10	str-cum.	ENE	10	str-cum.	...	10	cum.	...	9.4
„ 20,...	1	cum.	NNE	4	cum.	ENE	10	str-cum.	...	6	cum.	...	5.2
„ 21,...	2	cum.	ENE	4	c-cum. / cum.	E	0	...	...	8	cum.	...	5.0
„ 22,...	7	sm-cum. / cum.	NW / ..	9	sm-cum. / cum.	N / NE	2	sm-cum.	...	7	cum.	...	6.3
„ 23,...	3	sm-cum. / cum.	NNE	7	sm-cum. / cum.	WNW / NE	1	cum.	...	2	cum.	...	4.4
„ 24,...	1	sm-cum.	...	10	sm-cum.	...	10	cum.	...	8	cum.	...	6.5
„ 25,...	4	sm-cum. / cum.	WNW / N	10	R-cum.	N	1	sm-cum.	...	10	nim.	...	5.4
„ 26,...	1	c-cum. / sm-cum.	W	4	c-cum. / sm-cum.	W / W	1	sm-cum.	...	1	sm-cum.	...	3.2
„ 27,...	1	sm-cum.	...	8	c-cum. / cum.	WNW	0	...	...	0	...	...	1.9
„ 28,...	4	c-cum.	W	1	cum.	...	0	...	...	1	cum.	...	2.1
„ 29,...	1	cum.	...	1	c-cum.	...	0	...	...	0	...	...	0.8
„ 30,...	7	c-cum. / cum.	N	10	R-cum.	...	10	R-cum.	...	4	cum.	...	6.2
„ 31,...	1	cum.	...	2	c-cum. / cum.	N	0	...	...	1	cum.	...	0.8
Means,...	4.6	...	...	5.5	...	...	5.0	...	...	5.4	...	...	5.3

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF OCTOBER, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	7.68	8.61	2.45	1.13	+5.23	+ 7.48	E 35° N
2 „	8.84	8.65	2.65	1.10	6.19	7.55	E 39° N
3 „	8.94	8.48	2.13	1.00	6.81	7.48	E 42° N
4 „	8.45	8.35	2.13	0.94	6.32	7.41	E 40° N
5 „	9.42	8.29	1.81	0.71	7.61	7.58	E 45° N
6 „	9.26	7.71	2.00	0.97	7.26	6.74	E 47° N
7 „	8.81	7.81	2.19	0.97	6.62	6.84	E 44° N
8 „	9.19	7.90	1.52	0.94	7.67	6.96	E 48° N
9 „	8.32	8.74	2.29	0.84	6.03	7.90	E 37° N
10 „	9.23	9.65	2.06	0.74	7.17	8.91	E 39° N
11 „	7.32	10.74	1.87	0.61	5.45	10.13	E 28° N
Noon.	5.84	11.71	2.97	0.74	+2.87	10.97	E 15° N
1 p.	4.26	11.77	4.35	0.77	−0.09	11.00	E
2 „	4.61	9.90	4.29	1.16	+0.32	8.74	E 2° N
3 „	5.26	9.13	4.23	1.29	1.03	7.84	E 7° N
4 „	5.35	7.97	4.03	1.55	1.32	6.42	E 12° N
5 „	5.42	8.06	3.48	1.32	1.94	6.74	E 16° N
6 „	5.35	7.77	2.90	0.77	2.45	7.00	E 19° N
7 „	6.23	6.39	2.48	0.55	3.75	5.84	E 33° N
8 „	6.10	5.90	1.84	0.68	4.26	5.22	E 39° N
9 „	8.06	6.55	1.68	0.97	6.38	5.58	E 49° N
10 „	7.48	7.84	1.77	1.29	5.71	6.55	E 41° N
11 „	8.13	7.58	2.19	1.32	5.94	6.26	E 43° N
Midt.	7.87	8.19	2.10	1.16	+5.77	+ 7.03	E 39° N
Means, ...	7.31	8.49	2.56	0.98	+4.75	+ 7.51	E 32° N

PHENOMENA :—

Solar halo :—on the 4th.

Lunar corona :—on the 12th and 14th.

Haze :—on the 2nd and 15th.

Unusual visibility :—on the 3rd and 4th.

Rainbow :—on the 2nd.

Lightning without thunder :—on the 6th and 7th.

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF NOVEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.985	29.986	29.973	29.972	29.977	29.989	30.011	30.036	30.046	30.045	30.034	30.000	29.974	29.939	29.925	29.918	29.928	29.938	29.961	29.997	29.996	30.001	29.994	29.994	29.984
„ 2,...	.989	.991	.995	.986	.991	30.002	.023	.041	.050	.046	.018	29.982	.956	.947	.934	.944	.964	.978	30.003	30.024	30.036	.043	30.040	30.031	30.001
„ 3,...	30.020	30.017	.999	.998	30.007	.031	.043	.054	.069	.059	.036	30.014	.982	.955	.943	.945	.953	.964	29.976	29.994	.007	.015	.014	.007	.004
„ 4,...	29.997	.000	30.006	30.003	.008	.027	.050	.068	.068	.065	.046	.012	.986	.962	.953	.957	.957	.970	.986	30.016	.029	.040	.044	.038	.012
„ 5,...	30.018	.013	.009	.004	.008	.028	.046	.063	.082	.072	.060	.027	.995	.970	.957	.948	.965	.973	.995	.004	.006	.004	.005	29.995	.010
„ 6,...	29.987	29.990	29.980	29.973	29.986	29.999	.014	.033	.040	.027	.007	29.970	.934	.909	.895	.898	.905	.907	.935	29.956	29.967	29.978	29.971	.967	29.968
„ 7,...	.943	.927	.924	.925	.931	.952	29.972	29.986	29.991	29.983	29.956	.920	.892	.870	.853	.869	.881	.895	.918	.940	.950	.960	.960	.956	.931
„ 8,...	.943	.943	.934	.924	.925	.945	.973	.974	.981	.975	.956	.935	.902	.881	.875	.882	.900	.914	.934	.956	.970	.983	.984	.977	.940
„ 9,...	.973	.974	.963	.953	.956	.979	.999	30.014	30.031	30.014	.996	.961	.931	.906	.904	.920	.935	.946	.969	.988	.995	30.003	30.007	30.003	.972
„ 10,...	.993	.983	.976	.977	.990	30.010	30.029	.041	.055	.047	30.032	30.009	.974	.957	.948	.955	.970	.982	30.011	30.024	30.048	.052	.046	.043	30.006
„ 11,...	30.023	30.006	30.005	30.005	30.022	.037	.054	.083	.103	.099	.075	.048	30.020	.997	.984	.990	30.007	30.027	.049	.076	.093	.094	.086	.082	.044
„ 12,...	.084	.063	.043	.047	.052	.091	.109	.128	.140	.125	.103	.076	.042	30.012	.994	.997	.020	.035	.053	.075	.094	.096	.090	.090	.069
„ 13,...	.088	.079	.078	.078	.082	.105	.118	.137	.145	.143	.132	.110	.070	.050	30.041	30.047	.057	.072	.095	.113	.118	.124	.113	.105	.096
„ 14,...	.101	.085	.085	.086	.090	.097	.111	.124	.136	.124	.119	.100	.070	.050	.043	.048	.061	.066	.085	.090	.097	.103	.097	.083	.090
„ 15,...	.087	.080	.068	.061	.066	.089	.111	.124	.136	.140	.121	.093	.058	.036	.020	.024	.041	.044	.054	.070	.072	.083	.079	.072	.076
„ 16,...	.064	.044	.039	.034	.035	.055	.080	.097	.103	.098	.085	.052	.013	29.979	29.962	29.965	29.978	29.981	29.992	.022	.023	.034	.021	.013	.032
„ 17,...	.001	29.992	29.984	29.984	29.984	29.997	.021	.025	.040	.038	.016	29.992	29.954	.925	.913	.912	.928	.946	.967	29.973	29.976	29.968	29.951	29.942	29.976
„ 18,...	29.921	.904	.896	.894	.899	.922	29.927	29.938	29.943	29.938	29.917	.889	.851	.837	.816	.819	.834	.838	.851	.852	.862	.860	.842	.813	.878
„ 19,...	.794	.801	.778	.770	.774	.779	.799	.820	.834	.833	.830	.795	.765	.748	.750	.747	.764	.783	.798	.804	.794	.792	.779	.767	.787
„ 20,...	.765	.766	.755	.753	.774	.796	.826	.837	.848	.854	.842	.804	.786	.769	.772	.792	.810	.830	.850	.851	.869	.876	.869	.867	.815
„ 21,...	.865	.867	.861	.862	.874	.901	.914	.950	.960	.965	.960	.949	.930	.919	.929	.943	.959	.984	30.004	30.040	30.058	30.073	30.077	30.076	.955
„ 22,...	30.076	30.067	30.057	30.051	30.071	30.085	30.108	30.115	30.136	30.132	30.119	30.095	30.069	30.046	30.042	30.051	30.064	30.073	.077	.089	.094	.100	.099	.100	30.084
„ 23,...	.088	.078	.080	.072	.074	.091	.114	.139	.161	.150	.151	.126	.102	.083	.073	.068	.074	.085	.088	.100	.104	.103	.097	.089	.100
„ 24,...	.083	.071	.049	.045	.040	.064	.082	.095	.103	.108	.090	.063	.031	.006	.004	.009	.026	.039	.056	.074	.094	.092	.096	.090	.063
„ 25,...	.084	.067	.054	.047	.047	.064	.087	.101	.110	.119	.111	.094	.072	.057	.055	.052	.059	.065	.088	.099	.103	.105	.113	.098	.081
„ 26,...	.097	.079	.060	.060	.058	.067	.083	.101	.114	.100	.088	.047	.004	29.981	29.974	29.981	29.986	29.988	.011	.027	.035	.032	.031	.013	.042
„ 27,...	29.997	29.992	29.980	29.968	29.971	29.980	29.997	.001	.022	.010	29.982	29.948	29.920	.901	.898	.896	.907	.926	29.942	29.963	29.974	29.974	29.970	29.957	29.961
„ 28,...	.957	.941	.939	.918	.923	.940	.960	29.989	29.995	29.999	.988	.960	.927	.911	.903	.907	.920	.934	.944	.965	.977	.974	.971	.975	.951
„ 29,...	.975	.972	.965	.953	.956	.969	.986	.994	30.010	30.009	30.003	.979	.938	.920	.903	.898	.910	.924	.939	.956	.971	.989	.988	.980	.962
„ 30,...	.981	.980	.978	.931	.983	30.004	30.029	30.057	.072	.087	.074	30.060	30.029	30.015	.992	.997	30.003	30.031	30.049	30.060	30.072	30.081	30.074	30.064	30.029
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.999	29.992	29.984	29.978	29.985	30.003	30.023	30.039	30.051	30.047	30.032	30.004	29.973	29.951	29.942	29.946	29.959	29.971	29.989	30.007	30.016	30.021	30.017	30.010	29.997

TABLE II.

TEMPERATURE FOR THE MONTH OF NOVEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	68.1	68.2	67.5	67.1	67.0	67.3	67.1	68.1	70.6	72.9	74.0	76.3	75.0	74.6	74.8	74.2	72.5	71.8	71.2	70.9	71.0	70.4	69.9	70.1	70.9	76.6	66.7
„ 2,	68.7	68.6	68.2	68.2	67.2	66.0	66.9	67.8	71.1	72.2	73.1	75.0	76.0	74.9	74.3	73.2	72.0	71.6	71.4	71.0	70.6	70.0	70.2	69.5	70.7	76.0	65.2
„ 3,	69.7	68.2	67.9	66.7	67.2	66.7	67.0	68.5	70.1	71.0	73.9	75.6	76.4	76.0	75.1	74.6	72.0	71.3	71.4	71.5	70.9	70.0	69.3	68.8	70.8	76.4	65.8
„ 4,	68.1	67.9	66.8	66.5	65.7	65.2	65.9	66.7	68.0	69.7	71.5	73.4	73.7	74.2	74.0	73.2	70.3	68.2	66.7	67.5	67.0	65.0	64.4	64.8	68.5	74.8	64.4
„ 5,	65.0	64.2	64.5	63.4	63.0	62.9	64.0	66.9	68.4	68.8	70.5	71.3	69.6	69.0	68.9	68.1	68.0	67.1	66.7	66.3	65.1	64.7	64.5	63.8	66.4	71.9	61.8
„ 6,	63.6	63.8	63.5	63.0	63.1	64.8	65.8	67.8	68.9	68.8	70.0	71.3	70.6	70.5	70.6	70.2	68.9	68.3	67.9	68.1	68.4	68.7	68.7	68.6	67.7	72.0	63.0
„ 7,	68.4	68.5	68.0	66.8	65.8	66.0	66.1	68.2	69.9	71.3	73.0	73.6	74.6	74.7	74.6	72.8	70.3	69.1	68.3	67.7	67.6	67.0	66.9	65.8	69.4	74.7	65.6
„ 8,	65.7	65.6	65.4	66.9	66.5	64.1	66.4	68.6	70.9	73.2	75.3	77.3	77.2	78.8	77.9	74.1	72.6	71.7	70.8	70.6	70.8	70.6	70.4	70.4	70.9	78.8	64.1
„ 9,	68.3	67.9	67.6	67.2	68.1	68.0	70.0	71.9	73.7	74.8	75.2	76.4	75.4	76.0	73.6	71.9	71.2	70.3	70.2	70.3	70.3	70.2	70.1	69.3	71.2	77.2	66.7
„ 10,	69.6	68.8	68.4	67.9	67.7	67.4	68.5	70.4	72.9	75.1	74.6	74.2	72.5	73.5	73.4	70.0	69.9	69.0	68.7	68.4	68.3	67.8	67.6	66.0	70.0	75.2	65.7
„ 11,	67.2	68.7	68.1	67.5	67.0	66.1	67.2	67.5	67.3	70.4	72.6	72.6	75.0	76.2	75.5	75.3	73.6	72.6	71.3	70.0	69.6	68.8	68.3	68.3	70.3	76.3	65.4
„ 12,	68.2	67.5	67.9	67.6	69.6	69.0	69.6	70.6	70.9	72.2	73.2	72.9	72.7	73.3	73.0	71.2	71.0	68.4	67.6	66.4	65.7	65.6	64.8	64.6	69.3	73.8	64.2
„ 13,	63.1	63.2	62.4	64.9	64.7	64.7	65.4	67.5	68.4	68.2	71.9	71.2	70.4	69.7	68.6	68.2	67.7	66.6	67.0	66.8	66.4	66.6	66.2	66.4	66.9	72.3	61.9
„ 14,	66.0	65.4	64.4	64.2	63.7	63.6	64.5	66.3	67.1	68.8	69.9	69.0	70.7	69.0	68.6	68.3	67.3	66.7	66.6	66.7	66.8	67.3	67.4	67.3	66.9	70.7	63.1
„ 15,	67.3	67.5	67.2	66.9	66.5	66.1	67.0	68.5	68.9	69.8	70.8	71.9	73.3	71.3	71.0	69.9	69.1	67.7	67.5	66.8	67.3	67.3	67.3	67.5	68.5	73.8	65.8
„ 16,	67.1	67.0	66.8	66.0	65.0	64.1	66.8	67.3	71.0	73.2	75.3	75.9	77.0	76.6	75.0	74.1	71.6	68.7	67.8	66.7	67.7	66.1	69.9	70.0	69.9	78.0	63.3
„ 17,	68.3	66.8	66.0	66.6	66.7	66.2	68.6	69.4	69.9	71.2	75.1	74.4	74.6	73.5	73.9	73.0	72.0	69.4	68.3	67.2	67.9	68.5	69.9	69.9	69.9	75.4	65.2
„ 18,	68.6	67.8	66.8	66.1	65.0	64.9	66.7	68.9	69.6	73.1	74.8	76.0	77.4	75.0	75.6	73.5	71.9	72.3	72.6	72.4	72.2	72.1	72.5	72.0	71.2	77.4	64.4
„ 19,	71.2	71.6	71.2	70.7	70.3	69.7	72.6	73.1	74.1	75.1	74.7	76.1	78.2	78.8	80.2	78.0	76.8	75.0	73.4	73.1	71.7	72.1	71.6	71.5	73.8	81.2	69.4
„ 20,	70.8	70.6	70.5	70.4	70.2	70.9	71.4	72.4	74.0	75.9	76.0	76.6	76.0	77.1	75.8	74.4	73.6	73.1	73.3	72.7	73.3	73.2	73.4	73.5	73.3	77.1	69.8
„ 21,	73.3	74.0	73.0	72.8	72.4	70.3	70.6	71.7	75.2	74.7	76.8	78.8	78.0	78.7	77.3	74.9	73.0	72.2	71.7	72.1	72.0	70.5	70.2	70.4	73.5	78.9	70.0
„ 22,	70.1	69.6	69.0	68.9	69.0	69.2	70.0	73.9	74.7	75.1	79.5	78.2	79.1	80.6	78.9	76.5	75.0	74.0	73.2	73.0	72.9	72.6	72.0	70.2	73.5	81.0	68.2
„ 23,	70.0	69.2	68.3	67.0	68.0	67.2	66.6	66.5	68.3	69.6	70.1	71.1	71.1	70.8	69.8	69.7	68.0	67.3	65.8	65.9	65.2	67.3	67.6	67.1	68.2	72.2	65.1
„ 24,	66.8	65.1	64.5	63.9	64.1	64.4	65.5	66.7	68.4	68.7	69.9	72.2	74.0	72.8	71.0	70.7	68.5	68.0	68.0	67.9	68.1	68.1	68.1	68.3	68.1	75.1	63.6
„ 25,	68.1	68.1	68.0	67.8	67.6	67.6	68.1	70.2	70.8	71.2	70.9	72.0	71.7	70.8	70.6	69.5	68.5	67.9	68.1	67.8	67.6	67.6	68.1	68.2	69.0	73.0	67.2
„ 26,	68.1	67.8	67.6	67.4	67.4	67.4	68.3	68.7	68.3	70.0	71.5	72.5	72.2	72.0	72.0	70.7	69.6	68.8	68.8	68.9	69.2	69.3	69.5	69.3	69.4	73.2	67.4
„ 27,	68.8	68.8	68.6	68.6	68.7	69.7	70.1	70.7	71.3	74.1	73.6	79.1	79.2	76.9	75.2	73.8	73.3	73.0	72.8	72.1	72.0	71.6	71.2	71.0	72.3	80.2	68.6
„ 28,	70.8	70.6	71.0	70.5	71.0	70.7	70.8	72.0	73.2	74.1	74.5	75.9	74.0	72.2	71.0	71.0	70.8	71.0	71.8	71.0	70.7	69.8	69.8	69.7	71.6	75.9	69.6
„ 29,	69.9	69.4	69.1	69.6	69.2	68.6	68.9	68.8	70.0	71.2	72.0	73.3	72.8	73.0	74.5	72.4	69.6	69.6	69.5	69.6	69.9	70.0	69.9	69.7	70.4	75.4	68.1
„ 30,	69.4	68.8	69.1	68.7	67.8	68.0	67.7	67.6	68.0	68.1	68.2	67.4	68.3	69.6	70.1	69.1	67.2	67.0	67.1	67.6	67.5	67.6	67.4	67.2	68.1	70.4	67.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	68.3	68.0	67.6	67.3	67.2	66.9	67.8	69.1	70.5	71.7	73.1	74.1	74.2	74.0	73.5	72.2	70.9	69.9	69.5	69.2	69.1	68.9	68.9	68.6	70.0	75.5	65.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF NOVEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Nov. 1, ...	60.0	59.7	59.2	58.9	59.0	58.5	58.2	58.6	60.0	62.3	63.1	64.2	63.8	62.7	63.8	64.2	63.7	63.5	62.9	62.8	62.6	63.1	64.4	64.5	61.8	137.9
„ 2, ...	62.6	60.7	58.6	59.6	58.6	56.8	58.1	58.7	59.8	60.8	61.6	63.4	63.2	63.0	62.7	63.0	63.7	63.9	64.1	64.7	64.9	64.6	65.0	65.2	62.0	130.0
„ 3, ...	65.0	61.1	58.8	56.6	54.9	54.6	57.0	57.4	57.4	56.9	59.0	59.5	59.5	57.8	57.4	56.2	56.3	55.3	55.1	54.9	54.9	54.6	54.4	53.4	57.0	131.9
„ 4, ...	53.4	52.6	53.2	53.4	51.6	51.0	54.7	55.0	55.1	54.9	56.4	55.0	55.2	55.4	55.5	55.0	54.4	52.3	51.8	51.3	51.8	51.7	52.7	52.0	53.6	132.0
„ 5, ...	51.4	51.5	50.8	50.6	49.6	49.6	55.9	56.0	57.0	55.1	59.0	58.1	57.8	57.3	58.2	58.2	58.2	58.0	58.2	57.3	58.8	59.0	58.6	59.4	56.0	127.0
„ 6, ...	59.4	59.4	59.6	59.6	59.0	60.1	60.7	61.1	61.0	60.3	62.0	61.9	60.4	60.0	60.4	60.2	58.8	59.2	59.3	60.6	61.6	61.6	61.6	61.7	60.4	127.4
„ 7, ...	61.6	61.4	62.5	61.8	61.5	61.2	61.0	61.2	60.8	61.1	62.1	61.9	61.6	61.0	61.1	62.1	61.7	61.6	62.4	61.6	61.7	62.3	62.4	62.7	61.7	130.5
„ 8, ...	63.0	62.6	62.8	62.8	62.2	61.2	62.0	62.4	62.5	60.8	61.0	60.4	60.2	61.3	60.8	61.8	62.0	63.2	64.3	64.4	65.2	65.6	65.3	64.9	62.6	133.2
„ 9, ...	63.8	63.6	63.0	62.6	62.0	60.6	56.4	57.8	59.9	61.6	62.5	62.0	63.6	63.1	62.8	63.1	62.3	62.8	62.9	63.3	63.7	64.2	64.4	64.3	62.3	132.1
„ 10, ...	64.4	63.7	62.6	61.9	61.2	61.3	60.0	59.0	60.0	61.2	62.0	61.8	62.2	62.4	62.5	61.0	62.0	61.8	62.4	62.5	62.6	62.8	62.4	61.2	61.9	130.0
„ 11, ...	57.4	52.6	52.7	52.6	51.4	50.6	51.4	51.2	51.0	52.2	52.7	54.1	55.7	55.8	55.8	56.2	55.4	54.2	54.2	53.7	53.1	52.5	51.6	50.9	53.3	133.7
„ 12, ...	50.6	49.6	49.6	49.2	48.6	49.6	51.5	52.0	52.1	52.9	52.3	53.0	53.6	53.8	53.1	54.1	56.0	55.6	55.0	57.4	56.3	56.6	56.6	55.7	53.1	131.5
„ 13, ...	56.6	55.5	56.4	54.0	55.0	53.0	54.6	56.0	56.1	56.2	56.3	55.6	55.2	55.7	56.5	56.4	57.6	57.0	58.1	57.6	58.8	59.4	59.3	59.3	56.5	127.6
„ 14, ...	59.0	59.0	57.8	57.7	57.3	57.9	58.0	58.7	58.9	59.8	60.1	60.3	61.0	60.2	59.7	58.8	59.4	60.6	60.6	61.3	61.2	61.6	61.6	61.6	59.7	126.1
„ 15, ...	61.8	61.7	61.5	61.4	61.0	60.8	59.8	60.2	60.4	60.7	61.3	62.1	62.8	62.0	62.0	61.3	61.3	60.6	61.2	61.3	61.3	61.4	61.6	61.7	61.3	127.9
„ 16, ...	61.4	61.4	61.4	61.2	60.4	60.1	61.9	62.0	58.9	58.1	58.4	59.0	57.2	59.8	62.3	62.7	62.0	61.6	61.7	61.5	61.7	61.2	55.5	53.9	60.2	131.9
„ 17, ...	53.6	53.7	53.3	52.5	52.1	52.4	53.5	54.4	54.8	56.4	58.7	59.1	60.0	59.7	60.5	60.3	61.0	60.0	59.7	60.5	60.6	61.4	58.6	58.2	57.3	131.4
„ 18, ...	58.7	57.6	57.6	57.1	56.1	56.5	56.0	57.2	57.5	59.7	60.2	62.1	63.7	63.1	64.7	64.7	64.0	64.2	62.4	64.3	63.2	61.6	62.0	62.6	60.7	132.0
„ 19, ...	63.6	63.8	63.7	62.4	61.3	62.2	63.4	63.1	64.2	63.2	64.8	66.0	66.1	65.8	66.4	65.8	64.7	64.4	63.3	63.8	64.2	64.4	63.4	64.1	64.1	140.8
„ 20, ...	63.7	64.4	64.3	64.3	64.4	64.3	65.3	65.6	66.1	66.9	66.1	66.6	69.0	68.0	69.2	69.0	68.6	69.0	69.3	69.4	69.4	69.6	69.5	69.4	67.1	140.1
„ 21, ...	69.8	69.0	69.4	69.9	69.0	69.6	69.6	69.7	71.6	70.7	71.4	72.0	71.1	71.5	72.4	70.8	70.6	70.6	70.3	70.6	70.6	69.4	69.1	69.1	70.3	137.0
„ 22, ...	69.2	68.7	67.8	67.7	67.6	67.7	68.0	69.4	69.8	70.1	72.2	69.9	71.2	71.5	71.3	70.3	70.1	69.6	69.2	69.1	64.3	64.1	63.9	63.1	68.6	145.2
„ 23, ...	62.5	61.9	61.6	61.1	61.4	60.6	60.3	60.3	60.9	61.9	61.7	61.9	62.2	61.9	60.9	61.1	60.6	60.2	59.3	59.1	59.3	60.4	60.6	60.6	60.9	114.1
„ 24, ...	60.1	59.6	59.5	59.1	59.4	59.5	60.0	61.2	61.5	61.8	62.5	63.9	65.6	65.7	64.6	65.0	64.9	64.5	64.6	64.6	64.8	64.9	64.8	64.8	62.8	136.0
„ 25, ...	64.8	64.6	64.0	63.8	64.2	63.9	64.1	64.2	64.0	64.3	64.1	65.2	65.7	65.6	65.6	64.7	64.6	64.6	64.5	64.5	64.4	64.4	64.5	64.5	64.5	136.2
„ 26, ...	64.4	63.8	63.7	63.6	63.6	63.0	64.0	64.2	64.6	64.9	65.2	66.1	65.8	65.7	65.1	65.8	65.9	65.8	65.6	65.5	65.6	65.3	65.4	65.4	64.9	149.6
„ 27, ...	65.4	65.6	65.7	66.1	66.0	66.2	66.5	67.6	67.7	67.8	68.8	69.5	68.8	68.3	67.4	67.2	67.0	65.6	65.9	66.2	65.9	66.1	66.1	66.8	66.8	140.4
„ 28, ...	67.4	67.4	67.6	67.4	67.1	66.6	67.0	67.4	68.1	67.9	68.9	69.2	67.8	68.0	67.2	68.1	67.2	67.1	65.9	67.3	67.6	67.2	67.3	66.8	67.5	132.8
„ 29, ...	66.8	66.7	66.2	66.2	66.2	66.1	66.3	66.4	66.9	67.3	67.1	68.2	68.1	67.9	68.1	68.2	66.8	66.3	66.2	66.3	66.4	66.6	66.3	66.4	66.8	131.0
„ 30, ...	64.8	64.4	63.8	62.6	62.5	62.8	62.7	62.8	62.7	63.2	63.0	62.6	63.0	63.1	63.2	63.4	63.4	63.2	63.4	63.6	63.8	63.7	63.4	63.1	63.3	99.6
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	61.5	60.9	60.6	60.3	59.8	59.6	60.3	60.7	61.0	61.4	62.1	62.5	62.7	62.6	62.7	62.6	62.5	62.2	62.1	62.4	62.3	62.4	62.1	61.9	61.6	131.9

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF NOVEMBER, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	66	0.462	Nov. 1,.....	57	0.428
2 „	65	.447	„ 2,.....	58	.441
3 „	65	.442	„ 3,.....	38	.283
4 „	64	.437	„ 4,.....	31	.215
5 „	62	.423	„ 5,.....	48	.312
6 „	63	.420	„ 6,.....	63	.429
7 „	62	.430	„ 7,.....	62	.449
8 „	59	.426	„ 8,.....	61	.458
9 „	55	.416	„ 9,.....	57	.444
10 „	52	.413	„ 10,.....	61	.447
11 „	51	.417	„ 11,.....	24	.183
Noon.	49	.418	„ 12,.....	27	.191
1 p.	50	.423	„ 13,.....	48	.320
2 „	50	.422	„ 14,.....	63	.418
3 „	52	.432	„ 15,.....	64	.448
4 „	56	.446	„ 16,.....	54	.394
5 „	59	.460	„ 17,.....	42	.304
6 „	62	.463	„ 18,.....	52	.392
7 „	63	.465	„ 19,.....	56	.470
8 „	66	.479	„ 20,.....	71	.583
9 „	66	.477	„ 21,.....	85	.700
10 „	67	.483	„ 22,.....	77	.635
11 „	66	.473	„ 23,.....	64	.439
Midt.	66	.471	„ 24,.....	73	.503
			„ 25,.....	77	.548
			„ 26,.....	77	.557
			„ 27,.....	74	.585
			„ 28,.....	80	.620
			„ 29,.....	83	.610
			„ 30,.....	75	.519
			.....	...	...
Means,.....	60	0.444	Means.	60	0.444

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.
1894.														
Nov. 1,.....	...	...	0.3	1.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	0.6	...	8.7
„ 2,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.2
„ 3,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.4
„ 4,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.4
„ 5,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.3
„ 6,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.9
„ 7,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.8
„ 8,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 9,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.1
„ 10,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 11,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.1
„ 12,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.3
„ 13,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.1
„ 14,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 15,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 16,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.9
„ 17,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 18,.....	...	0.1	1.0	0.8	1.0	0.9	0.6	0.3	0.4	0.2	0.1	...	...	5.4
„ 19,.....	...	0.4	0.6	...	...	0.1	0.2	0.3	1.0	0.7	...	...	...	3.3
„ 20,.....	...	...	0.1	0.1	0.1	...	0.2	0.2	0.7	...	...	...	...	1.4
„ 21,.....	...	...	...	0.2	0.1	0.3	0.3	0.5	1.0	0.6	0.6	...	...	3.6
„ 22,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	...	8.2
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	0.1	0.4	0.1	0.9	0.9	1.0	0.8	0.1	...	...	4 3
„ 25,.....	...	...	0.9	0.7	0.9	0.9	0.7	1.0	1.0	1.0	0.8	0.2	...	8.1
„ 26,.....	...	...	...	...	...	0.3	0.6	0.1	0.8	0.4	...	...	...	2.2
„ 27,.....	...	...	0.2	0.2	0.1	0.9	1.0	1.0	...	...	...	...	...	3.4
„ 28,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4	...	9.3
„ 29,.....	...	...	...	...	...	0.7	1.0	1.0	1.0	0.9	0.3	...	...	4.9
„ 30,.....	...	...	...	...	...	...	...	...	...	0.1	0.9	0.4	...	1.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	10.0	21.0	21.1	21.5	23.2	24.5	24.2	25.9	23.5	20.8	10.3	...	226.0

TABLE VI.

RAINFALL FOR THE MONTH OF NOVEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
Nov. 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.005	0.015	1
„ 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...
„ 3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.010	0.030	1

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF NOVEMBER, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Nov. 1	1	15	1	13	2	15	1	7	1	10	2	15	1	15	1	15	1	17	32	9	6	12	7	11	10	9	5	6	32	9	9	12	10	12	10	10	6	10	4	7	4	6	7	4	7	7	5	8	254	10.6	4
" 2	1	7	1	8	1	15	2	12	1	17	32	15	1	13	1	7	1	6	6	13	4	18	4	17	5	15	9	18	10	16	9	14	10	12	8	13	7	10	6	9	6	9	6	5	5	11	6	12	292	12.2	5
" 3	3	11	1	17	1	20	31	15	3	13	2	14	32	15	1	18	32	21	32	16	1	13	6	14	4	9	32	13	32	14	1	13	3	7	32	12	32	12	1	17	1	23	2	19	32	15	1	17	358	14.9	1
" 4	32	20	1	21	1	18	1	21	1	19	1	19	1	26	1	27	1	25	1	16	2	14	4	13	32	13	32	13	1	12	32	13	32	13	1	8	1	6	2	11	1	11	1	8	6	5	3	4	356	14.8	1
" 5	2	11	2	8	2	17	32	19	32	16	2	8	32	9	2	5	4	11	4	14	5	15	9	21	8	17	10	16	10	18	10	18	8	16	8	12	5	7	5	7	...	0	5	3	11	2	11	2	272	11.3	5
" 6	11	3	13	4	13	3	...	0	13	2	5	7	4	10	5	13	7	15	8	19	8	19	9	19	10	17	10	20	10	21	8	19	7	16	8	13	7	13	7	12	7	16	7	14	7	16	7	17	308	12.8	8
" 7	7	15	7	19	3	18	4	15	3	14	5	15	5	14	4	11	6	12	8	13	10	14	9	13	10	10	10	14	9	10	9	8	9	4	9	3	5	4	11	4	11	2	6	3	6	2	12	3	240	10.0	7
" 8	12	3	...	1	12	3	5	8	4	7	2	5	2	5	2	2	...	1	5	6	8	8	6	11	1	10	6	8	32	10	10	12	9	13	9	13	9	12	6	11	7	15	8	15	7	13	5	11	203	8.5	6
" 9	5	5	2	3	2	4	31	3	3	6	2	10	1	10	2	13	5	10	8	12	8	13	10	18	9	18	9	22	8	20	11	19	9	21	8	18	8	18	8	16	7	17	7	19	7	21	7	21	337	14.0	7
" 10	7	21	7	17	6	16	3	10	3	9	3	6	3	6	32	14	1	14	6	12	9	12	10	13	11	16	9	21	8	19	9	19	9	13	8	13	7	12	7	9	6	10	6	8	5	8	5	4	302	12.6	7
" 11	2	16	1	24	1	21	1	17	3	12	2	10	1	21	1	28	1	32	32	30	32	24	32	23	32	21	2	17	1	12	1	11	32	12	1	12	1	13	1	16	32	18	1	21	1	15	2	15	441	18.4	1
" 12	1	21	1	21	1	25	1	23	2	30	2	21	4	15	5	20	5	20	5	21	2	26	4	22	32	19	1	15	1	15	6	10	10	7	11	8	12	3	11	4	7	2	...	0	12	3	...	1	352	14.7	3
" 13	12	2	...	1	7	3	3	8	4	9	3	12	3	11	32	10	5	18	7	22	7	21	6	17	9	20	10	24	11	20	10	18	9	15	9	10	7	13	5	11	4	10	6	9	6	10	6	13	307	12.8	7
" 14	4	11	3	9	3	8	5	9	6	14	6	14	5	12	5	13	7	14	8	15	10	17	10	19	11	19	9	18	10	24	9	19	8	16	7	15	8	14	7	14	5	12	7	16	7	18	7	19	359	15.0	7
" 15	6	18	5	16	6	17	5	16	5	12	6	12	7	19	7	20	7	19	7	18	10	16	10	11	10	13	9	15	9	12	8	15	9	15	7	13	8	14	7	10	7	11	7	10	6	9	6	8	339	14.1	7
" 16	6	8	4	9	4	9	4	6	4	3	4	2	20	3	26	2	8	3	12	3	7	8	6	6	2	11	7	7	24	7	24	3	...	1	26	3	18	2	18	3	7	6	4	5	1	13	1	17	140	5.8	3
" 17	32	9	3	5	2	5	1	13	32	18	1	8	3	8	1	22	1	25	32	21	32	16	5	11	10	13	11	8	24	6	23	8	24	9	23	7	23	3	...	1	20	3	17	4	1	11	2	8	242	10.1	1
" 18	3	7	1	7	3	3	3	5	3	5	31	9	32	19	1	12	32	17	32	15	32	11	24	7	21	6	23	7	23	10	22	8	22	8	...	1	30	6	30	3	30	3	31	5	2	4	25	6	184	7.7	30
" 19	22	4	8	4	27	6	29	4	31	3	20	3	30	4	27	5	22	8	1	10	25	6	31	8	24	8	25	13	27	7	31	5	14	6	31	11	31	3	28	3	18	2	19	5	28	7	23	6	141	5.9	27
" 20	23	5	17	4	23	6	23	9	22	5	19	7	23	5	23	5	23	8	23	7	23	11	25	14	24	15	23	15	25	16	23	14	23	10	24	11	24	10	23	8	22	9	22	7	23	8	23	7	216	9.0	23
" 21	23	3	3	4	31	3	31	2	5	7	5	4	5	2	...	1	12	2	19	4	22	4	25	9	26	10	25	6	7	9	8	15	7	13	8	13	8	12	9	14	7	15	7	15	6	14	6	8	189	7.9	7
" 22	8	11	8	12	8	14	8	13	8	12	8	7	8	5	9	12	8	13	9	9	9	11	9	12	9	11	10	9	24	10	22	7	22	6	22	10	23	7	16	7	2	17	24	7	3	6	32	11	239	10.0	8
" 23	32	12	3	14	1	11	32	10	1	7	1	13	32	14	32	16	32	17	32	13	32	12	31	11	32	7	1	7	1	9	32	9	32	11	32	6	1	8	1	4	1	4	5	10	4	10	6	8	243	10.1	1
" 24	3	8	31	6	31	7	31	6	31	4	30	4	1	3	1	2	5	11	5	14	8	15	10	10	10	10	9	13	8	19	9	20	9	22	8	20	8	23	8	21	8	22	7	23	8	24	7	25	332	13.8	7
" 25	7	24	7	25	7	26	7	31	7	29	7	21	7	22	7	24	7	26	7	29	8	29	8	24	8	30	8	31	8	30	7	32	7	32	7	32	6	30	6	28	7	29	7	29	7	30	7	24	667	27.8	7
" 26	7	29	6	29	7	33	7	37	7	34	7	40	7	30	5	29	6	29	6	18	7	23	7	24	8	22	8	20	8	19	10	21	9	17	8	17	7	15	6	14	7	19	9	14	10	11	9	21	565	23.5	7
" 27	7	17	8	20	8	14	8	13	11	4	6	5	11	13	8	16	9	12	7	6	10	8	10	12	11	16	10	14	9	12	9	12	10	10	11	7	11	6	11	3	9	9	10	9	7	11	10	9	258	10.7	9
" 28	11	7	11	7	11	5	11	4	9	12	8	15	9	19	8	16	7	17	9	14	10	16	10	18	9	21	9	23	10	22	8	16	9	11	6	19	6	18	6	20	7	25	7	28	7	23	7	28	404	16.8	8
" 29	7	25	9	27	7	26	7	24	7	20	8	19	7	16	7	15	8	19	9	12	10	14	9	15	8	17	8	14	9	11	9	17	8	20	9	16	8	16	7	14	8	14	7	12	8	18	8	18	419	17.5	8
" 30	6	13	6	9	2	10	1	8	2	6	6	12	6	10	5	7	6	9	6	9	5	10	7	11	5	6	3	5	11	7	11	12	11	15	7	11	7	12	8	15	7	22	7	20	8	23	7	24	286	11.9	7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	361	...	364	...	381	...	358	...	359	...	352	...	374	...	409	...	451	...	420	...	436	...	434	...	429	...	432	...	426	...	419	...	383	...	357	...	332	...	316	...	361	...	347	...	368	...	375	9245	385.2	...
Means,	...	12.0	...	12.1	...	12.7	...	12.3	...	12.0	...	11.7	...	12.5	...	13.3	...	15.0	...	14.0	...	14.5	...	14.5	...	14.3	...	14.4	...	14.2	...	14.0	...	12.8	...	11.9	...	11.1	...	10.5	...	12.0	...	11.6	...	12.3	...	12.5	308.2	12.8	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
Nov. 1, ...	10	cum.	...	5	cum.	...	9	sm-cum.	...	6	sm-cum. / cum.	W / N
„ 2, ...	10	cum-nim.	...	7	cum.	...	0	...	...	1	c-cum.	...
„ 3, ...	5	cum.	...	0	...	...	1	c-str.	...	1	c-cum.	...
„ 4, ...	0	...	...	0	...	...	2	c-cum.	...	1	c-cum.	...
„ 5, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 6, ...	0	...	...	0	...	...	1	cum.	ENE	1	cum.	E
„ 7, ...	1	cum.	NE	2	cum.	NE	0	...	...	1	c-cum.	...
„ 8, ...	0	...	...	0	...	...	0	...	...	2	c-cum.	...
„ 9, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 10, ...	4	cum.	NE	0	...	...	0	...	...	0	...	...
„ 11, ...	0	...	...	0	...	...	0	...	...	3	c-cum.	W
„ 12, ...	0	...	...	0	...	...	0	...	...	1	c-cum.	...
„ 13, ...	0	...	...	0	...	...	2	c-cum.	...	0	...	...
„ 14, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 15, ...	3	cum.	NE	3	cum.	NE	0	...	...	0	...	...
„ 16, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 17, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 18, ...	0	...	...	0	...	...	1	c-cum.	...	8	c-str. / sm-cum.	E / E
„ 19, ...	9	c-str. / cum.	E	10	c-str. / cum.	...	8	c-cum.	S	8	c-str. / sm-cum.	E
„ 20, ...	0	...	...	2	cum.	ENE	8	sm-cum.	E	9	sm-cum. / str-cum.	N
„ 21, ...	10	cum.	...	10	cum.	W	10	str. / cum.	...	9	cum.	WSW
„ 22, ...	10	cum.	...	9	cum.	NE	1	cum.	...	4	cum.	ENE
„ 23, ...	4	cum.	N	8	cum.	NE	10	str-cum.	E	9	str-cum.	E
„ 24, ...	8	cum.	...	2	cum.	...	9	c-cum. / sm-cum.	ESE	6	sm-cum. / cum.	SE / ESE
„ 25, ...	10	cum.	...	7	cum.	...	8	sm-cum. / cum.	ENE	7	c-cum. / cum.	E
„ 26, ...	10	cum.	...	8	cum.	...	9	R-cum.	ENE	10	str-cum.	E
„ 27, ...	10	nim.	...	10	cum.	...	9	cum. / R-cum.	...	9	sm-cum. / cum.	WSW / SE
„ 28, ...	7	cum.	NNE	7	cum.	N	7	c-cum. / sm-cum.	E	7	c-cum. / cum.	WSW / E
„ 29, ...	10	cum.	...	4	cum.	...	9	R-cum.	ENE	9	sm-cum. / cum.	WSW / ENE
„ 30, ...	8	cum.	...	10	cum.	...	9	str. / cum.	ENE	10	str-cum.	ENE
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	4.3	...	...	3.5	...	...	3.8	...	...	4.1	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
Nov. 1,...	3	sm-cum. / cum.	NE	0	...	...	0	...	...	10	cum.	...	5.4
„ 2,...	0	...	...	1	c-cum.	...	3	cum.	...	2	cum.	...	3.0
„ 3,...	1	c-cum.	...	1	c-cum.	...	0	...	...	0	...	...	1.1
„ 4,...	0	...	...	0	...	...	0	...	...	0	...	...	0.4
„ 5,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 6,...	0	...	...	0	...	...	0	...	...	1	cum.	...	0.4
„ 7,...	0	...	...	1	c-cum.	...	2	c-str.	...	0	...	...	0.9
„ 8,...	0	...	...	1	c-cum.	...	0	...	...	1	cum.	...	0.5
„ 9,...	0	...	...	0	...	...	0	...	...	1	cum.	...	0.1
„ 10,...	0	...	...	0	...	...	0	...	...	0	...	...	0.5
„ 11,...	4	c-str.	WSW	4	c-str.	WSW	1	c-str.	...	0	...	...	1.5
„ 12,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 13,...	0	...	...	0	...	...	0	...	...	0	...	...	0.2
„ 14,...	0	...	...	0	...	...	1	cum.	...	2	cum.	ENE	0.4
„ 15,...	0	...	...	0	...	...	0	...	...	0	...	...	0.8
„ 16,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 17,...	0	...	...	0	...	...	0	...	...	10	sm-cum.	...	1.2
„ 18,...	8	sm-cum.	E	8	c-str. / sm-cum. / cum.	E / E	10	sm-cum.	...	10	sm-cum. / cum.	...	5.6
„ 19,...	9	c-str. / sm-cum.	E	8	sm-cum.	E	2	cum.	...	0	...	...	6.8
„ 20,...	9	c-str. / cum.	NNE	10	sm-cum. / str-cum.	NE	3	cum.	...	10	str-cum.	...	6.4
„ 21,...	9	c-cum. / sm-cum. / cum.	WSW	9	sm-cum. / R-cum.	...	2	sm-cum.	...	10	str-cum.	...	8.6
„ 22,...	4	c-cum. / sm-cum. / cum.	ENE	9	sm-cum. / R-cum.	N	0	...	...	1	sm-cum.	...	4.7
„ 23,...	10	str-cum.	ENE	10	cum.	ESE	0	...	...	1	sm-cum.	...	6.5
„ 24,...	4	sm-cum.	SW	9	sm-cum. / cum.	ESE	2	sm-cum.	...	4	cum.	E	5.5
„ 25,...	3	c-cum. / cum.	ESE / E	4	c-cum. / cum.	ESE / E	1	cum.	...	1	cum.	...	5.1
„ 26,...	6	c-cum. / sm-cum. / cum.	.. / S / E	9	sm-cum. / cum.	ESE	1	sm-cum.	...	10	str-cum.	E	7.9
„ 27,...	6	sm-cum. / cum.	W / SE	9	sm-cum. / cum.	ESE	3	sm-cum.	...	5	sm-cum. / cum.	ESE	7.6
„ 28,...	6	c. / c-str. / cum.	SW / W / E	7	c. / c-cum. / cum.	.. / W / E	2	sm-cum.	...	10	str-cum.	E	6.6
„ 29,...	7	c-str. / c-cum. / cum.	.. / WSW / NE	8	c-str.	W	1	c-str.	...	1	cum.	...	6.1
„ 30,...	10	str-cum.	NE	4	c-cum. / cum.	WSW / ENE	2	cum.	E	8	str-cum.	E	7.6
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	3.3	...	...	3.7	...	...	1.2	...	...	3.3	...	...	3.4

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF NOVEMBER, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	6.10	7.70	0.40	0.40	+5.70	+ 7.30	E 38° N
2 „	6.43	7.57	0.53	0.07	5.90	7.50	E 38° N
3 „	7.70	7.20	0.27	0.43	7.43	6.77	E 48° N
4 „	7.60	6.50	0.13	0.53	7.47	5.97	E 51° N
5 „	7.40	6.90	0.27	0.23	7.13	6.67	E 47° N
6 „	6.77	7.13	0.27	0.30	6.50	6.83	E 44° N
7 „	7.63	6.80	0.47	0.27	7.16	6.53	E 48° N
8 „	8.60	7.03	0.10	0.37	8.50	6.66	E 52° N
9 „	8.30	8.80	0.27	0.50	8.03	8.30	E 44° N
10 „	6.57	8.90	0.43	0.30	6.14	8.60	E 36° N
11 „	5.20	10.00	1.27	0.70	3.93	9.30	E 23° N
Noon.	3.87	11.10	1.80	1.13	2.07	9.97	E 12° N
1 p.	3.37	9.77	2.43	1.23	0.94	8.54	E 6° N
2 „	2.60	10.80	2.27	1.37	0.33	9.43	E 2° N
3 „	3.00	9.53	2.10	1.83	+0.90	7.70	E 7° N
4 „	2.03	10.67	2.67	1.33	−0.64	9.34	E 4° S
5 „	1.77	9.97	2.07	1.03	−0.30	8.94	E 2° S
6 „	2.37	9.17	0.83	1.07	+1.54	8.10	E 11° N
7 „	2.97	8.63	0.37	0.80	2.60	7.83	E 18° N
8 „	3.67	7.97	0.70	0.40	2.97	7.57	E 21° N
9 „	4.47	9.13	0.33	0.40	4.14	8.73	E 25° N
10 „	3.67	9.13	0.57	0.60	3.10	8.53	E 20° N
11 „	4.20	9.60	0.30	0.43	3.90	9.17	E 23° N
Midt.	4.40	9.53	0.40	0.63	+4.00	+ 8.90	E 24° N
Means, ...	5.03	8.73	0.89	0.68	+4.14	+ 8.05	E 27° N

PHENOMENA :—

Solar halo :—on the 18th, 19th, 28th and 29th.

Lunar halo :—on the 7th and 19th.

Lunar corona :—on the 19th.

Fog :—on the 21st.

Slight fog :—on the 16th.

Haze :—on the 19th, 20th and 27th.

Dew :—on the 8th.

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF DECEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	30.054	30.041	30.028	30.017	30.023	30.015	30.050	30.076	30.085	30.088	30.078	30.056	30.029	30.011	29.991	29.987	29.993	30.000	30.019	30.033	30.042	30.044	30.054	30.054	30.036
„ 2,...	.045	.040	.027	.036	.039	.040	.052	.065	.080	.093	.084	.048	.008	29.980	.978	.973	.992	.006	.019	.017	.024	.032	.017	.014	.030
„ 3,...	29.996	29.981	29.974	29.968	29.972	29.973	29.995	.011	.022	.026	.014	29.974	29.945	.932	.930	.934	.954	29.962	29.978	29.984	29.994	29.997	29.996	29.986	29.979
„ 4,...	.977	.964	.950	.943	.949	.958	.980	.003	.010	.012	.005	.985	.955	.932	.918	.918	.929	.942	.958	.964	.973	.970	.955	.944	.962
„ 5,...	.939	.921	.907	.906	.903	.920	.946	29.968	29.986	29.978	29.967	.949	.913	.899	.884	.889	.891	.906	.918	.934	.942	.941	.934	.920	.928
„ 6,...	.907	.899	.897	.888	.893	.915	.926	.940	.957	.953	.948	.903	.875	.849	.845	.853	.877	.896	.910	.929	.935	.936	.947	.939	.909
„ 7,...	.935	.925	.906	.906	.914	.928	.958	.976	.995	.997	.980	.948	.907	.889	.878	.884	.907	.921	.947	.965	.972	.981	.978	.978	.941
„ 8,...	.982	.971	.957	.953	.960	.987	30.003	30.030	30.042	30.037	30.022	.990	.953	.928	.921	.935	.950	.960	.978	.997	30.021	30.024	30.032	30.025	.986
„ 9,...	30.025	30.025	30.022	30.021	30.036	30.059	.062	.094	.118	.108	.096	30.059	30.029	30.014	30.005	30.007	30.022	30.033	30.059	30.079	.092	.099	.102	.080	30.056
„ 10,...	.074	.061	.047	.041	.047	.059	.088	.116	.120	.103	.084	.061	.025	29.996	29.991	29.986	.006	.027	.050	.068	.071	.080	.081	.078	.057
„ 11,...	.076	.070	.048	.035	.035	.050	.062	.084	.098	.085	.084	.056	.024	.999	.981	.980	29.996	.001	.016	.023	.054	.063	.072	.062	.044
„ 12,...	.054	.040	.030	.032	.035	.052	.072	.092	.105	.104	.106	.083	.047	30.013	30.006	.992	.998	.004	.011	.031	.046	.052	.037	.038	.045
„ 13,...	.027	.020	.010	.004	.011	.027	.048	.060	.074	.078	.078	.058	.029	.010	29.992	30.003	30.018	.034	.046	.061	.072	.074	.077	.078	.041
„ 14,...	.080	.080	.074	.074	.082	.104	.134	.146	.157	.143	.142	.119	.094	.083	30.083	.094	.105	.116	.124	.136	.148	.160	.167	.166	.117
„ 15,...	.165	.150	.135	.135	.145	.168	.196	.210	.225	.213	.207	.174	.152	.137	.124	.122	.122	.134	.157	.173	.179	.180	.176	.176	.165
„ 16,...	.176	.156	.146	.135	.129	.129	.146	.180	.198	.197	.190	.155	.128	.102	.098	.103	.122	.131	.150	.168	.184	.189	.211	.215	.156
„ 17,...	.220	.223	.224	.220	.212	.220	.252	.284	.304	.287	.278	.258	.220	.198	.200	.215	.243	.270	.283	.293	.300	.304	.307	.305	.255
„ 18,...	.308	.297	.283	.292	.288	.308	.315	.342	.349	.343	.325	.298	.255	.240	.223	.222	.236	.258	.276	.282	.282	.283	.279	.276	.286
„ 19,...	.272	.260	.260	.269	.290	.302	.314	.333	.342	.326	.315	.276	.242	.232	.218	.224	.236	.255	.269	.287	.294	.296	.301	.304	.280
„ 20,...	.299	.300	.300	.292	.294	.304	.326	.334	.345	.337	.321	.289	.240	.214	.203	.195	.206	.220	.226	.243	.249	.255	.257	.250	.271
„ 21,...	.244	.238	.237	.230	.233	.246	.251	.262	.272	.260	.248	.216	.178	.153	.144	.153	.166	.180	.196	.206	.221	.217	.212	.210	.216
„ 22,...	.201	.176	.180	.173	.167	.168	.186	.210	.221	.220	.208	.183	.152	.123	.109	.116	.120	.134	.153	.153	.161	.155	.153	.143	.165
„ 23,...	.141	.119	.105	.101	.102	.115	.128	.148	.167	.155	.139	.110	.082	.051	.035	.029	.038	.039	.051	.053	.061	.063	.051	.049	.089
„ 24,...	.025	.005	29.995	29.979	29.970	29.979	29.989	.015	.024	.022	.009	29.980	29.946	29.918	29.901	29.898	29.904	29.915	29.931	29.946	29.959	29.959	29.962	29.955	29.966
„ 25,...	29.936	29.927	.930	.936	.930	.937	.957	29.975	29.990	29.990	29.988	.965	.926	.906	.903	.912	.914	.932	.947	.955	.962	.959	.951	.933	.944
„ 26,...	.939	.933	.924	.923	.921	.935	.945	.971	.987	.982	.964	.930	.914	.891	.887	.890	.908	.918	.923	.934	.942	.953	.935	.928	.932
„ 27,...	.927	.913	.904	.902	.902	.908	.919	.932	.939	.943	.922	.908	.880	.863	.854	.856	.874	.889	.907	.930	.944	.954	.948	.948	.911
„ 28,...	.950	.939	.929	.923	.932	.942	.977	30.005	30.031	30.030	30.029	.992	.967	.957	.951	.956	.973	.983	.990	30.003	30.018	30.027	30.027	30.024	.981
„ 29,...	30.015	30.004	30.001	.994	30.003	30.024	30.032	.068	.094	.108	.096	30.078	30.054	30.037	30.023	30.040	30.052	30.063	30.083	.101	.098	.112	.105	.101	30.058
„ 30,...	.097	.100	.087	30.084	.088	.103	.132	.148	.169	.166	.163	.125	.081	.056	.046	.051	.061	.074	.087	.101	.109	.122	.113	.091	.102
„ 31,...	.085	.082	.061	.057	.057	.070	.093	.111	.122	.119	.102	.068	.030	.012	.003	.005	.014	.016	.026	.032	.038	.036	.036	.032	.054
Means,.....	30.070	30.060	30.051	30.047	30.050	30.063	30.082	30.103	30.117	30.113	30.103	30.074	30.041	30.020	30.010	30.014	30.027	30.039	30.054	30.067	30.077	30.081	30.080	30.074	30.063

TABLE II.

TEMPERATURE FOR THE MONTH OF DECEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Dec. 1,	67.3	66.4	66.2	66.2	66.8	66.8	66.9	67.8	68.3	72.2	72.4	74.0	73.6	75.1	75.0	74.0	72.1	70.6	67.8	67.4	66.8	64.8	64.7	64.0	69.0	75.1	64.0
„ 2,	63.8	63.3	62.5	61.5	61.4	61.0	61.0	64.9	65.4	66.4	68.0	68.4	68.9	70.8	71.0	70.0	67.4	65.8	64.2	65.0	64.6	64.1	63.2	62.3	65.2	71.7	60.3
„ 3,	64.0	62.0	61.3	62.6	61.6	61.8	62.1	64.1	66.2	68.6	69.4	70.6	71.0	71.7	69.6	69.7	68.6	66.1	64.0	66.2	66.1	66.1	66.1	65.7	66.1	72.3	61.2
„ 4,	65.7	65.3	64.8	64.2	63.5	62.6	62.7	64.8	69.0	69.3	72.0	72.2	71.2	71.0	69.9	68.4	67.8	67.9	68.0	67.6	67.3	67.6	68.0	67.7	67.4	72.8	61.9
„ 5,	66.8	67.4	66.0	66.0	66.0	66.3	65.6	68.3	69.3	70.5	71.1	70.8	71.8	69.4	68.4	67.6	65.7	65.6	65.8	65.8	65.6	66.0	65.6	65.6	67.4	72.2	65.2
„ 6,	65.7	64.5	64.0	63.8	63.8	63.7	63.8	64.6	65.4	68.1	68.8	70.0	71.1	69.5	68.4	68.0	67.3	67.2	66.6	65.4	66.0	65.8	65.8	65.4	66.4	71.1	63.7
„ 7,	64.9	64.7	64.8	64.1	64.1	64.6	64.4	65.8	67.9	67.9	70.2	69.3	71.4	70.8	70.6	72.2	68.9	66.6	65.8	64.6	62.6	60.7	61.1	59.6	66.1	72.7	59.6
„ 8,	60.4	59.9	59.3	59.6	58.2	58.1	59.0	62.1	65.7	64.9	67.9	68.6	69.0	68.8	68.0	68.0	67.1	67.0	65.8	63.9	62.1	61.5	61.1	60.8	63.6	70.3	58.1
„ 9,	59.7	59.4	58.6	59.6	59.3	58.7	59.5	64.1	66.0	66.1	67.8	68.7	69.6	70.0	71.8	69.8	67.8	66.0	65.8	63.6	62.8	62.4	62.1	61.6	64.2	71.8	58.0
„ 10,	61.1	61.0	60.3	58.7	58.8	57.8	58.0	61.7	62.4	63.2	64.0	65.0	65.9	68.0	65.0	65.4	65.2	62.4	60.4	60.3	60.2	59.3	58.5	56.9	61.6	69.3	56.9
„ 11,	57.0	55.5	54.0	54.0	53.1	53.4	53.4	56.7	57.0	59.0	62.7	62.3	63.2	63.8	64.0	62.0	59.8	58.7	58.4	57.9	55.6	56.7	56.0	55.7	57.9	64.9	52.3
„ 12,	55.8	56.0	56.2	56.9	57.3	58.4	59.6	60.6	63.2	63.9	65.5	67.1	69.0	68.1	66.7	64.9	63.4	62.2	62.3	63.1	63.7	63.3	63.1	62.8	62 2	69.1	55.7
„ 13,	63.6	63.2	62.9	62.9	63.4	63.5	63.7	66.4	66.4	66.8	67.6	67.8	68.3	66.8	66.3	65.9	65.2	65.4	65.6	65.8	66.0	64.5	64.9	65.7	65.4	68.5	62.8
„ 14,	66.1	66.2	65.9	65.7	65.9	66.1	66.5	68.4	69.4	72.2	72.5	71.5	70.0	70.9	71.4	71.0	70.5	71.1	70.0	69.2	69.4	69.0	68.2	67.1	68.9	73.4	65.6
„ 15,	66.7	65.8	65.9	65.0	64.5	64.0	62.6	63.2	63.5	64.3	65.1	66.0	64.1	63.2	63.0	63.0	63.0	63.8	63.1	63.1	63.0	63.0	62.7	62.3	63.9	67.3	61.9
„ 16,	62.1	61.8	61.3	61.2	60.6	60.4	60.5	60.8	61.7	63.7	64.4	64.8	64.5	63.6	63.1	62.6	63.0	63.7	63.4	63.2	63.2	62.8	60.8	59.4	62.4	65.9	59.4
„ 17,	57.3	55.4	54.5	53.6	52.8	53.1	54.3	55.0	55.7	56.3	57.0	58.7	59.0	60.0	59.0	58.0	56.5	55.6	54.8	54.0	52.5	51.6	51.0	50.6	55.3	60.0	50.6
„ 18,	50.6	50.6	50.2	49.4	48.5	48.6	48.9	49.7	52.7	54.2	55.8	57.4	58.0	58.1	58.4	58.6	56.9	55.6	55.1	55.5	54.4	52.0	52.5	52.2	53.9	60.2	48.5
„ 19,	53.0	51.1	50.6	50.4	51.5	51.3	52.1	54.4	57.8	56.8	58.8	60.5	61.0	61.6	60.0	59.1	58.0	57.0	56.1	55.9	55.0	54.6	54.8	54.1	55.6	62.0	50.2
„ 20,	53.6	53.3	53.1	52.8	54.0	53.7	53.7	55.7	58.1	59.8	60.2	60.2	61.6	60.9	61.4	59.5	58.4	58.2	58.0	57.4	57.2	57.2	57.4	58.2	57.2	62.1	52.6
„ 21,	58.5	58.1	57.6	57.3	57.0	55.3	54.6	57.0	59.7	61.6	62.2	63.0	62.1	61.2	61.2	60.9	59.5	59.3	59.7	59.3	60.3	60.6	60.8	60.6	59.5	63.6	54.2
„ 22,	60.2	59.6	59.6	59.1	58.8	58.0	56.9	60.7	63.7	65.3	65.8	68.7	68.7	70.0	70.1	67.9	65.7	63.7	63.7	63.6	63.6	63.4	63.4	63.3	63.5	70.7	56.4
„ 23,	63.3	63.3	63.3	63.2	63.0	62.7	62.4	63.1	63.7	64.2	65.6	65.0	65.4	65.0	65.5	65.7	65.4	64.8	64.5	62.9	62.7	62.4	61.7	61.7	63.8	65.9	61.7
„ 24,	62.0	60.6	61.5	61.8	63.2	63.3	65.0	67.1	68.0	67.9	70.8	71.8	72.7	69.0	68.4	68.5	67.5	64.0	63.9	64.1	63.9	63.6	63.8	63.5	65.7	73.4	60.0
„ 25,	63.2	63.4	63.4	63.5	63.5	63.4	62.5	63.3	64.4	64.4	65.0	65.7	66.3	64.9	64.8	64.6	64.4	63.9	64.0	63.9	64.6	64.6	64.6	64.4	64.2	66.8	63.0
„ 26,	64.3	64.2	63.6	63.2	62.7	62.2	62.6	63.0	63.4	63.2	64.7	64.7	64.6	64.4	64.2	64.3	63.9	64.6	64.5	65.0	65.1	65.6	66.2	66.8	64.2	66.8	61.4
„ 27,	66.8	66.5	65.6	64.2	64.7	65.0	65.4	66.3	67.0	67.7	66.7	65.6	64.8	64.8	65.3	64.8	64.8	64.5	64.2	64.1	63.9	63.8	64.0	64.3	65.2	67.7	62.9
„ 28,	64.0	64.2	64.1	63.6	62.7	61.2	58.2	57.8	57.6	57.9	58.3	57.9	56.7	56.2	55.7	55.0	55.0	54.9	54.7	54.9	53.9	53.2	53.7	52.6	57.7	64.5	52.6
„ 29,	51.9	51.2	51.4	50.9	50.0	49.4	50.9	51.7	52.2	51.8	52.0	51.3	51.6	52.4	51.5	51.6	52.7	52.1	51.9	52.0	52.4	51.4	52.0	52.0	51.6	53.9	49.4
„ 30,	52.0	51.9	51.8	51.9	52.4	53.1	52.6	54.5	56.9	59.8	60.5	60.7	60.6	61.1	61.9	60.8	59.4	59.5	59.3	59.4	59.4	58.9	58.1	57.8	57.3	61.9	51.3
„ 31,	58.2	58.1	57.8	58.1	57.6	57.4	56.9	57.7	58.7	61.0	61.9	62.9	63.4	64.7	63.4	63.6	63.8	63.6	63.1	62.8	62.9	62.5	62.5	62.0	61.0	65.4	56.7
Means,	61.0	60.4	60.1	59.8	59.7	59.5	59.6	61.3	62.8	63.8	65.0	65.5	65.8	65.7	65.3	64.7	63.7	62.9	62.4	62.2	61.8	61.4	61.2	60.9	62.4	67.5	58.0

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF DECEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Dec. 1, ...	63.1	62.8	62.7	62.6	62.8	62.9	62.7	62.0	61.7	63.0	63.2	63.1	61.7	64.0	63.1	63.0	62.0	61.7	63.8	63.2	58.8	58.6	58.5	57.5	62.0	136.7
„ 2, ...	57.0	56.6	55.8	55.4	55.3	55.2	55.6	57.0	57.1	57.8	58.7	58.3	58.8	59.5	59.0	58.7	57.8	57.0	56.3	56.6	55.3	56.2	56.8	56.8	57.0	127.7
„ 3, ...	57.3	57.3	56.5	56.5	55.9	55.5	55.8	56.1	57.3	58.9	59.6	60.1	61.1	61.4	59.9	61.8	60.8	60.0	59.8	60.1	60.0	60.2	59.2	58.9	58.7	132.0
„ 4, ...	59.2	58.1	57.5	56.8	56.4	56.5	57.3	58.4	59.9	60.2	60.9	61.4	60.9	60.4	62.3	61.2	60.7	60.3	58.9	58.7	59.3	59.8	59.2	59.3	59.3	131.3
„ 5, ...	59.3	59.6	59.4	59.3	59.0	58.6	59.1	60.5	60.6	61.7	61.5	61.9	62.6	62.6	62.8	62.5	62.0	61.6	62.2	62.7	62.8	62.9	63.0	63.1	61.3	128.6
„ 6, ...	62.8	62.8	62.9	62.8	62.8	62.8	62.9	63.5	63.9	63.9	65.2	65.1	64.2	63.8	63.0	63.0	62.7	63.0	62.7	63.0	63.1	63.8	63.2	63.2	63.3	117.1
„ 7, ...	63.0	63.0	62.5	61.4	60.2	59.8	60.7	61.4	61.7	60.3	61.9	61.0	61.0	60.8	59.9	60.0	57.7	59.5	57.0	57.0	55.6	54.3	53.7	53.5	59.5	130.8
„ 8, ...	53.4	53.2	53.1	53.1	53.0	53.1	54.2	56.0	57.8	57.3	58.7	59.1	59.7	58.9	59.1	58.8	59.0	59.0	60.5	57.8	55.2	54.9	55.5	54.5	56.5	126.8
„ 9, ...	54.4	53.8	53.9	54.3	54.4	54.3	54.3	55.0	56.0	56.2	56.3	56.4	55.9	58.3	58.8	58.7	55.6	55.1	55.4	53.8	52.7	52.2	51.8	51.2	54.9	126.3
„ 10, ...	51.3	50.9	51.2	51.0	50.3	49.6	49.8	51.4	51.9	52.1	52.6	52.4	53.0	53.5	52.1	52.4	53.0	52.0	51.6	51.1	50.1	49.1	48.9	48.2	51.2	126.4
„ 11, ...	47.0	46.8	45.3	44.9	44.5	43.7	44.3	46.5	46.5	47.2	49.1	48.0	49.6	50.7	51.5	51.9	50.0	50.9	50.6	51.0	49.7	52.1	51.5	51.8	48.5	122.1
„ 12, ...	52.8	52.0	52.3	52.6	52.9	53.6	54.4	54.5	55.6	56.1	57.6	57.0	58.5	58.2	57.0	56.6	56.3	56.4	56.2	54.4	57.9	57.6	58.6	58.3	55.7	128.8
„ 13, ...	58.8	59.0	59.1	59.0	59.0	59.2	58.7	60.5	60.6	60.7	61.2	61.7	62.0	61.8	61.8	61.7	61.0	61.1	61.3	61.0	60.9	61.3	61.5	61.8	60.6	124.8
„ 14, ...	61.6	61.2	61.6	61.8	62.2	62.7	62.7	63.2	63.3	62.8	63.2	63.5	63.9	63.0	63.0	63.6	62.1	61.2	60.9	61.3	60.8	62.1	61.2	61.4	62.3	110.3
„ 15, ...	60.6	61.4	60.4	59.0	58.3	57.7	55.6	56.6	56.3	56.8	58.2	58.8	57.9	58.0	58.4	58.4	58.0	58.1	58.2	58.2	58.1	58.1	57.8	57.3	58.2	121.1
„ 16, ...	57.0	56.8	56.3	56.5	55.8	55.5	55.3	55.3	55.5	56.7	56.6	57.6	57.6	57.6	57.3	57.0	58.0	57.9	57.9	58.0	57.1	57.6	52.6	51.6	56.5	117.0
„ 17, ...	49.6	47.4	45.6	44.6	44.6	44.8	46.4	46.6	46.5	46.8	47.2	47.4	47.3	48.0	47.1	46.5	45.5	44.0	43.3	42.2	41.5	40.6	40.4	39.6	45.1	126.7
„ 18, ...	39.6	39.6	39.6	38.6	38.9	38.6	37.6	38.9	41.2	40.4	41.1	43.0	43.4	43.7	44.2	44.0	44.0	42.5	42.7	42.3	41.8	40.8	42.0	41.8	41.3	118.8
„ 19, ...	42.7	41.0	41.8	40.5	40.7	40.7	42.6	43.2	45.1	44.0	45.8	48.3	48.0	48.9	47.9	48.0	47.2	47.9	48.6	48.3	48.4	46.6	44.8	46.9	45.3	116.4
„ 20, ...	46.0	46.4	44.2	45.3	44.1	43.2	42.6	44.8	45.9	46.3	48.3	47.9	48.1	47.9	48.7	48.7	48.7	49.0	48.9	48.9	49.1	50.0	50.5	51.3	47.3	117.3
„ 21, ...	50.8	51.4	51.6	51.4	51.0	49.6	49.6	50.1	50.2	47.8	48.1	50.1	50.8	50.0	51.1	50.8	50.3	52.0	53.9	54.3	55.2	55.6	55.8	55.6	51.5	118.6
„ 22, ...	55.1	54.4	54.1	54.3	53.9	53.0	52.8	54.9	54.7	55.2	56.1	56.6	57.8	57.2	57.6	59.0	58.3	57.8	57.6	57.9	57.9	59.1	59.5	59.6	56.4	132.2
„ 23, ...	59.6	59.7	59.8	59.8	59.7	59.6	59.6	59.8	60.1	61.1	61.2	61.1	61.0	61.0	61.2	61.8	61.5	61.2	61.3	60.8	60.5	60.1	59.6	59.6	60.4	96.5
„ 24, ...	59.5	58.5	59.4	57.4	56.8	56.3	57.0	57.7	58.7	60.4	60.4	60.2	61.8	62.1	61.9	62.2	61.2	60.4	60.7	61.3	61.2	60.7	59.9	59.7	59.8	127.2
„ 25, ...	59.7	59.8	59.8	59.8	60.0	60.2	60.1	60.3	60.3	59.4	59.6	60.6	60.4	60.0	60.1	59.7	60.1	59.8	59.9	59.7	59.9	60.0	59.7	59.7	59.9	126.2
„ 26, ...	59.4	59.4	59.8	60.0	60.0	60.1	59.8	59.3	59.8	59.9	59.7	59.6	59.7	59.6	59.4	60.4	60.5	60.6	60.7	60.6	60.5	60.8	61.6	62.7	60.2	85.7
„ 27, ...	63.2	63.5	63.1	63.1	62.8	63.0	63.3	63.7	64.1	64.3	64.4	64.5	64.3	64.2	64.2	63.9	63.9	63.8	63.5	63.4	63.1	63.3	63.4	63.5	63.6	87.8
„ 28, ...	63.5	63.6	63.4	62.6	61.6	60.2	54.0	56.6	56.3	56.1	56.3	55.5	54.7	53.7	53.0	52.0	52.5	51.8	51.8	53.0	52.1	51.2	51.2	50.7	55.7	77.9
„ 29, ...	50.4	50.0	49.5	48.7	48.2	48.6	49.8	49.9	51.0	50.8	50.0	49.6	50.3	50.6	49.6	50.6	51.0	50.4	50.2	50.3	51.0	49.6	49.6	49.3	50.0	69.1
„ 30, ...	49.6	49.6	49.4	49.4	49.7	50.0	49.7	51.0	52.4	54.1	54.3	54.0	54.3	54.6	55.2	54.9	54.9	54.9	54.7	54.9	55.0	55.2	55.8	56.2	53.1	118.8
„ 31, ...	56.3	56.4	56.3	56.3	56.4	56.5	56.2	57.1	57.7	58.7	59.7	60.6	60.2	61.0	61.3	61.4	60.4	60.0	59.6	58.8	58.5	58.4	59.0	58.7	58.6	98.8
Means, ...	55.6	55.4	55.1	54.8	54.6	54.4	54.3	55.2	55.8	56.0	56.7	56.9	57.1	57.3	57.1	57.2	56.7	56.5	56.5	56.3	55.9	55.9	55.7	55.6	55.9	117.0

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF DECEMBER, 1894.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1894.		
1 a.	68	0.380	Dec. 1,.....	65	0.464
2 „	70	.382	„ 2,.....	57	.358
3 „	70	.378	„ 3,.....	62	.397
4 „	70	.373	„ 4,.....	60	.399
5 „	70	.369	„ 5,.....	69	.462
6 „	69	.366	„ 6,.....	83	.542
7 „	68	.361	„ 7,.....	66	.423
8 „	64	.365	„ 8,.....	62	.364
9 „	61	.362	„ 9,.....	52	.309
10 „	58	.355	„ 10,.....	43	.241
11 „	56	.359	„ 11,.....	44	.219
Noon.	55	.359	„ 12,.....	64	.359
1 p.	54	.361	„ 13,.....	74	.466
2 „	55	.368	„ 14,.....	67	.475
3 „	56	.368	„ 15,.....	69	.412
4 „	59	.378	„ 16,.....	67	.380
5 „	62	.377	„ 17,.....	38	.167
6 „	64	.381	„ 18,.....	23	.096
7 „	66	.388	„ 19,.....	38	.168
8 „	66	.385	„ 20,.....	41	.197
9 „	66	.379	„ 21,.....	54	.277
10 „	68	.383	„ 22,.....	62	.363
11 „	68	.380	„ 23,.....	80	.482
Midt.	69	.381	„ 24,.....	68	.437
			„ 25,.....	77	.460
			„ 26,.....	78	.470
			„ 27,.....	92	.568
			„ 28,.....	88	.419
			„ 29,.....	89	.342
			„ 30,.....	74	.350
			„ 31,.....	85	.462
Means,.....	64	0.372	Means.	64	0.372

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.
1894.														
Dec. 1,.....	...	...	0.1	0.1	0.2	0.5	1.0	0.6	0.1	1.0	1.0	0.6	...	5.2
„ 2,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.2	...	8.3
„ 3,.....	...	0.4	1.0	1.0	0.7	0.4	0.7	0.4	...	0.1	...	...	...	4.7
„ 4,.....	...	...	0.8	1.0	1.0	0.7	...	0.1	0.2	...	...	...	...	3.8
„ 5,.....	...	...	0.1	...	0.4	0.1	0.1	...	...	...	...	...	...	0.7
„ 6,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 7,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.6	...	9.3
„ 8,.....	...	0.5	1.0	1.0	0.6	1.0	1.0	0.7	1.0	1.0	1.0	0.6	...	9.4
„ 9,.....	...	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.7
„ 10,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 11,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.8
„ 12,.....	...	...	...	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	8.1
„ 13,.....	...	...	0.9	0.9	0.1	...	0.3	0.6	0.3	0.1	...	...	...	3.2
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	0.5	0.5	...	...	...	...	...	...	1.0
„ 16,.....	...	...	...	0.1	...	...	0.2	...	...	...	...	...	...	0.3
„ 17,.....	...	0.5	1.0	0.1	0.1	0.8	1.0	1.0	1.0	1.0	0.8	...	...	7.3
„ 18,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 19,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.7
„ 20,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.3
„ 21,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.6
„ 22,.....	...	0.4	1.0	1.0	1.0	0.5	0.9	0.7	1.0	0.3	...	...	...	6.8
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.7
„ 25,.....	...	...	0.5	0.7	0.6	0.7	1.0	0.7	0.8	0.1	...	...	...	5.1
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	0.1	0.1	...	0.2	0.3	0.1	0.1	...	...	...	...	0.9
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	4.4	15.4	16.8	15.6	16.4	18.0	16.0	15.2	14.5	13.2	5.5	...	151.0

TABLE VI.

RAINFALL FOR THE MONTH OF DECEMBER, 1894.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
Dec. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	0.005	0.005	0.035	0.015	0.010	0.010	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.090	4
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	0.015	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	2
„ 27,	...	0.015	0.065	0.050	...	0.005	0.020	...	...	...	...	0.005	...	...	...	...	...	...	0.005	0.005	0.005	...	0.010	0.010	0.195	13
„ 28,	0.015	0.015	0.040	0.005	0.035	0.005	...	0.005	0.005	...	0.005	...	0.005	...	...	...	...	...	0.005	...	...	...	...	...	0.140	12
„ 29,	...	...	0.005	...	...	...	0.010	0.030	0.025	0.030	0.025	0.025	0.015	0.035	0.010	0.015	0.005	0.005	...	0.005	0.005	...	0.005	...	0.250	15
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	0.005	...	0.005	0.015	0.005	0.005	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	0.045	4
Sums,	0.020	0.035	0.160	0.095	0.045	0.025	0.050	0.045	0.035	0.030	0.030	0.030	0.020	0.035	0.010	0.015	0.005	0.005	0.010	0.020	0.010	...	0.015	0.010	0.755	50

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF DECEMBER, 1894.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Dec. 1,	6	23	7	23	7	19	7	13	6	11	6	14	6	13	4	12	4	7	6	6	1	11	32	15	32	8	32	9	1	14	32	10	1	11	1	10	8	15	8	14	1	9	32	12	1	9	32	18	306	12.7	4
" 2,	1	18	1	17	1	21	1	11	1	17	1	17	32	16	32	15	32	16	32	16	32	21	31	17	32	19	32	13	31	11	1	10	1	12	1	11	32	9	1	10	1	13	1	12	2	4	...	1	327	13.6	32
" 3,	6	5	30	7	30	7	2	8	32	8	32	12	1	11	32	14	2	7	7	4	4	5	8	14	11	14	11	7	24	10	23	8	23	8	32	11	1	6	4	5	4	4	30	4	32	6	32	4	189	7.9	1
" 4,	32	3	32	5	11	11	1	12	32	12	1	4	32	3	30	5	32	7	23	4	16	6	5	13	6	12	4	10	26	6	26	6	23	3	24	3	32	6	32	10	2	3	2	2	2	5	6	10	161	6.7	1
" 5,	32	6	5	5	31	2	31	5	31	8	32	5	2	3	2	2	31	2	8	7	8	7	28	8	12	6	11	9	9	11	9	11	9	14	8	12	8	12	7	13	7	10	7	8	9	10	8	8	184	7.7	7
" 6,	32	4	...	0	...	1	...	1	...	1	30	2	...	0	30	2	19	2	19	3	22	2	11	6	9	13	10	13	9	14	10	12	10	9	10	6	10	8	9	7	9	7	8	10	6	3	7	3	129	5.4	9
" 7,	11	2	11	4	1	4	3	2	31	6	1	4	31	2	31	9	1	10	1	10	26	8	28	12	27	13	3	7	31	11	31	15	31	12	28	9	1	13	2	9	1	11	1	4	1	9	1	3	189	7.9	32
" 8,	1	9	1	9	32	12	1	10	32	8	1	3	1	2	1	2	21	5	23	8	21	6	25	8	24	11	25	14	24	9	25	12	24	8	24	4	15	8	4	8	1	3	1	2	1	3	1	9	173	7.2	28
" 9,	32	2	32	4	31	5	32	7	32	6	1	5	1	7	32	7	1	12	1	10	32	8	1	7	1	7	23	5	18	3	23	4	1	13	32	11	32	13	1	20	1	24	1	26	1	21	1	29	256	10.7	32
" 10,	1	27	32	22	15	7	5	8	28	11	30	7	4	9	2	6	1	12	1	22	32	17	32	12	31	12	1	11	31	12	1	12	1	12	1	9	1	10	2	8	3	10	1	13	2	14	32	16	299	12.5	1
" 11,	1	18	2	7	26	4	32	5	32	8	32	11	1	9	32	12	32	11	32	6	31	6	12	4	10	4	23	5	9	8	9	11	10	10	13	6	12	7	12	5	14	4	14	2	...	0	14	4	167	7.0	3
" 12,	14	3	14	4	14	3	...	0	...	0	...	1	1	6	6	11	6	15	7	11	8	16	9	15	8	16	9	16	8	14	9	15	9	22	8	19	8	20	8	19	8	18	7	18	7	17	7	15	294	12.3	8
" 13,	5	14	7	11	7	11	7	14	7	18	7	17	7	17	7	18	7	27	7	27	7	28	7	29	7	23	8	24	7	23	7	23	7	20	7	19	7	19	7	17	7	16	7	12	9	11	9	12	450	18.7	7
" 14,	7	11	4	12	9	6	32	2	...	0	...	1	...	1	...	0	32	4	8	10	8	11	9	14	8	18	9	16	8	15	8	7	8	11	9	10	9	10	10	8	10	4	9	16	7	19	7	21	227	9.5	8
" 15,	7	16	7	19	4	14	2	9	4	14	5	8	32	10	1	4	6	6	6	13	5	16	7	23	5	21	7	23	7	21	6	20	7	24	7	23	7	24	7	21	8	26	8	28	8	28	8	29	440	18.3	6
" 16,	8	23	8	27	7	27	6	23	6	24	6	29	5	27	5	23	4	20	4	14	7	12	9	13	10	16	9	19	9	17	8	12	9	9	7	5	9	4	10	6	1	8	1	11	2	13	2	12	394	16.4	6
" 17,	1	13	1	17	1	17	2	19	32	11	32	12	3	8	32	12	32	12	32	13	30	13	32	16	32	11	32	11	32	17	1	20	1	9	1	12	1	23	32	29	1	29	1	32	1	25	1	28	409	17.0	1
" 18,	1	20	32	17	1	22	32	19	1	22	1	24	1	28	32	22	32	16	32	14	32	15	9	9	9	14	11	.9	12	9	3	8	2	8	2	5	2	5	2	9	2	6	2	6	1	10	32	8	325	13.5	1
" 19,	16	4	1	3	17	3	1	6	2	13	2	11	4	7	4	4	3	5	5	7	9	12	11	10	10	6	10	3	8	7	8	8	9	7	9	2	9	3	9	3	...	1	9	2	3	5	...	1	133	5.5	6
" 20,	3	3	...	1	30	5	2	3	1	11	1	14	1	12	2	11	1	6	5	10	8	13	8	13	10	13	10	12	10	11	9	14	10	12	9	10	7	9	5	5	6	3	5	5	5	4	6	8	208	8.7	6
" 21,	4	13	4	14	4	16	4	16	4	15	3	6	1	7	2	4	5	4	9	4	7	12	9	17	9	22	9	17	8	17	9	14	9	14	7	13	7	15	5	11	7	17	7	23	7	24	7	25	340	14.2	7
" 22,	6	21	7	24	5	12	6	15	5	12	6	10	31	3	31	3	6	9	9	11	24	8	17	7	10	10	10	6	8	9	9	9	9	12	9	17	10	12	9	17	8	17	9	14	7	13	9	14	285	11.9	8
" 23,	9	14	8	13	8	15	8	20	8	18	7	16	7	18	7	18	7	16	8	14	10	13	10	17	10	17	9	14	9	14	9	5	...	1	...	0	...	0	9	3	...	1	...	0	...	0	9	4	251	10.5	8
" 24,	9	3	...	1	19	6	17	3	17	3	10	2	4	4	12	3	9	12	9	9	16	4	17	5	23	3	32	4	7	7	5	5	27	6	27	3	27	6	7	20	7	16	8	13	10	13	8	17	168	7.0	8
" 25,	8	17	8	19	8	13	8	12	7	13	9	19	8	22	7	28	7	29	7	31	7	32	7	26	8	27	9	27	8	20	7	17	7	21	7	23	7	23	7	23	7	26	7	29	8	30	7	29	556	23.2	7
" 26,	8	34	7	34	7	30	7	30	7	28	7	27	7	28	8	32	7	28	7	26	7	27	7	26	8	28	7	27	7	27	7	26	8	25	8	20	8	24	7	25	7	29	9	25	9	23	9	18	647	27.0	7
" 27,	9	17	8	22	8	22	7	18	8	19	7	19	8	18	8	21	7	19	7	22	7	22	8	22	9	19	9	20	8	21	8	24	8	24	8	24	8	25	8	23	7	22	7	19	7	22	7	16	500	20.8	8
" 28,	7	17	7	10	6	11	4	16	5	15	4	16	32	9	1	6	1	6	31	5	2	5	32	10	32	12	31	11	32	13	31	12	32	12	32	11	32	12	32	9	32	11	32	11	32	10	31	11	261	10.9	2
" 29,	31	5	32	9	32	9	1	13	32	12	2	6	2	16	30	6	30	2	32	4	2	3	2	4	32	2	31	5	2	8	31	4	2	8	32	6	32	6	32	5	2	7	32	11	1	11	32	14	176	7.3	1
" 30,	32	7	1	5	31	6	29	4	31	6	31	7	...	1	30	3	5	7	3	10	5	13	4	15	7	19	7	16	7	13	7	16	8	15	7	10	5	9	5	10	5	10	4	9	6	10	7	17	238	9.9	5
" 31,	7	17	7	17	7	18	7	14	8	10	7	3	10	3	5	2	...	0	5	2	5	2	8	3	11	4	22	4	10	7	9	6	9	2	4	3	9	6	9	10	9	7	...	1	6	6	9	6	153	6.4	8
Sums,	...	389	...	382	...	359	...	338	...	360	...	332	...	320	...	317	...	334	...	353	...	374	...	410	...	420	...	387	...	399	...	376	...	374	...	327	...	362	...	382	...	372	...	380	...	378	...	410	8835	368.1	...
Means,	...	12.5	...	12.4	...	11.6	...	10.9	...	11.6	...	10.7	...	10.3	...	10.2	...	10.8	...	11.4	...	12.6	...	13.2	...	13.5	...	12.5	...	12.9	...	12.1	...	12.1	...	10.5	...	11.7	...	12.3	...	12.0	...	12.3	...	12.2	...	13.2	285.0	11.9	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1894.												
Dec. 1, ...	0	...	...	0	...	...	9	cum.	ENE	9	sm-cum.	E
„ 2, ...	1	cum.	...	0	...	...	6	sm-cum.	ENE	1	c-cum.	WNW
„ 3, ...	0	...	...	0	...	...	1	c-cum.	SSE	8	sm-cum.	ESE
„ 4, ...	10	cum.	...	10	cum.	...	9	sm-cum.	...	6	c-cum.	W
„ 5, ...	10	cum.	...	10	cum.	...	10	sm-cum.	...	9	sm-cum. / cum.	WSW
„ 6, ...	10	cum.	...	10	nim.	...	10	cum-nim.	...	10	str-cum.	NE
„ 7, ...	0	...	...	1	cum.	...	1	sm-cum. / cum.	...	7	sm-cum. / cum.	N
„ 8, ...	0	...	...	0	...	...	0	...	...	6	sm-cum. / cum.	SW / SSW
„ 9, ...	0	...	...	7	cum.	NW	8	sm-cum.	W	1	sm-cum.	...
„ 10, ...	10	nim.	...	1	cum.	...	0	...	...	0	...	...
„ 11, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 12, ...	0	...	...	8	cum.	E	10	sm-cum.	ESE	9	sm-cum. / cum.	ESE
„ 13, ...	2	cum.	E	6	cum.	E	7	sm-cum. / cum.	E	9	sm-cum. / cum.	S / E
„ 14, ...	10	cum.	E	10	cum.	...	10	str-cum.	...	10	str-cum.	...
„ 15, ...	10	sm-cum. / cum.	E	10	cum.	E	10	sm-cum. / cum.	E	10	sm-cum. / cum.	E
„ 16, ...	10	cum.	E	6	cum.	E	4	cum.	ENE	9	sm-cum. / cum.	W / E
„ 17, ...	10	sm-cum.	NW	10	sm-cum.	NW	4	sm-cum.	...	9	sm-cum.	NW
„ 18, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 19, ...	0	...	...	0	...	...	4	sm-cum.	...	0	...	...
„ 20, ...	0	...	...	7	sm-cum.	NW	9	sm-cum.	NNW	0	...	...
„ 21, ...	0	...	...	1	cum.	...	0	...	...	0	...	...
„ 22, ...	0	...	...	5	cum.	...	0	...	...	2	c-cum.	...
„ 23, ...	10	cum.	...	10	cum.	...	10	sm-cum. / cum.	NE	10	sm-cum. / cum.	...
„ 24, ...	0	...	...	0	...	...	2	sm-cum.	SE	6	c-cum.	WSW
„ 25, ...	6	cum.	...	9	cum.	...	10	c-str. / sm-cum.	S	8	c-str. / sm-cum. / cum.	.. / S / E
„ 26, ...	10	cum.	...	10	nim.	...	10	str. / cum.	E	10	str. / cum.	ESE
„ 27, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	str.	...
„ 28, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	nim.	ENE
„ 29, ...	10	cum.	...	10	cum.	...	10	nim.	ENE	10	nim.	...
„ 30, ...	10	cum.	...	9	cum.	...	8	sm-cum. / cum.	E	9	sm-cum. / cum.	E
„ 31, ...	10	cum.	...	10	cum.	...	10	nim.	...	10	str-cum.	NE
Means,..	5.1	...	...	5.8	...	...	6.2	...	...	6.4	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1894.													
Dec. 1,...	8	sm-cum.	ENE	0	...	...	0	...	...	0	...	...	3.2
,, 2,...	1	c-cum.	...	7	sm-cum.	SSW	1	sm-cum.	...	0	...	...	2.1
,, 3,...	9	sm-cum.	SW	10	str-cum.	...	8	nim.	...	7	str-cum.	...	5.4
,, 4,...	9	c-cum. / cum. / nim.	SW / .. / ..	10	sm-cum.	WSW	9	sm-cum.	WSW	10	str-cum.	...	9.1
,, 5,...	10	cum. / nim.	SW	10	sm-cum. / nim.	NW / W	9	str-cum.	WSW	7	sm-cum. / cum.	...	9.4
,, 6,...	10	sm-cum. / R-cum.	NNE	10	R-cum.	NNE	1	sm-cum.	...	0	...	...	7.6
,, 7,...	5	cum.	N	0	...	...	0	...	...	0	...	...	1.8
,, 8,...	1	sm-cum.	...	1	sm-cum.	...	0	...	...	0	...	...	1.0
,, 9,...	0	...	...	0	...	...	0	...	...	8	sm-cum.	NW	3.0
,, 10,...	0	...	...	0	...	...	0	...	...	0	...	...	1.4
,, 11,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
,, 12,...	1	sm-cum.	SSE	0	...	...	8	cum.	S	3	sm-cum.	S	4.9
,, 13,...	8	sm-cum. / cum.	SSE / E	9	sm-cum. / cum.	S / E	10	str-cum.	...	10	sm-cum. / R-cum.	S / E	7.6
,, 14,...	10	str-cum.	...	9	sm-cum.	SW	10	cum.	...	10	R-cum.	SSW	9.9
,, 15,...	9	sm-cum. / cum.	E	10	cum.	E	10	str.	...	10	str-cum.	...	9.9
,, 16,...	9	sm-cum.	W	10	sm-cum.	W	10	str.	...	10	R-cum.	...	8.5
,, 17,...	4	sm-cum.	N	4	sm-cum.	WNW	0	...	...	0	...	...	5.1
,, 18,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
,, 19,...	0	...	...	0	...	...	0	...	...	0	...	...	0.5
,, 20,...	0	...	...	0	...	...	0	...	...	0	...	...	2.0
,, 21,...	0	...	...	0	...	...	0	...	...	1	cum.	...	0.2
,, 22,...	8	sm-cum.	E	9	cum.	ESE	10	str-cum.	...	1	sm-cum.	...	4.4
,, 23,...	10	sm-cum.	...	9	sm-cum.	E	3	sm-cum.	...	0	...	...	7.8
,, 24,...	0	...	...	0	...	...	0	...	...	0	...	...	1.0
,, 25,...	8	c-str. / sm-cum. / cum.	.. / S / E	9	c-cum. / sm-cum. / cum.	.. / S / E	2	sm-cum.	...	4	str-cum.	...	7.0
,, 26,...	10	cum-nim.	E	10	cum.	E	10	str-cum.	...	10	str-cum.	...	10.0
,, 27,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	...	10.0
,, 28,...	10	nim.	ENE	10	str-cum.	ENE	10	nim.	...	10	str.	...	10.0
,, 29,...	10	nim.	...	10	nim.	N	10	nim.	...	10	str.	...	10.0
,, 30,...	8	sm-cum. / cum.	E	8	cum.	ESE	10	str.	...	10	nim.	...	9.0
,, 31,...	10	str-cum.	NE	10	sm-cum. / cum.	W / ..	10	str.	...	10	str.	...	10.0
Means,...	5.7	...	...	5.6	...	...	4.9	...	...	4.5	...	...	5.5

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND FOR THE MONTH OF DECEMBER, 1894.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.81	8.39	0.48	0.03	+5.33	+ 8.36	E 33° N
2 „	5.45	8.29	0.19	0.10	5.26	8.19	E 33° N
3 „	5.58	6.97	0.61	0.48	4.97	6.49	E 37° N
4 „	6.10	6.71	0.10	0.13	6.00	6.58	E 42° N
5 „	6.94	6.26	0.10	0.42	6.84	5.84	E 49° N
6 „	6.19	6.23	0.29	0.16	5.90	6.07	E 44° N
7 „	6.29	5.74	0.03	0.03	6.26	5.71	E 48° N
8 „	5.90	5.48	0.06	0.29	5.84	5.19	E 48° N
9 „	5.97	6.35	0.23	0.19	5.74	6.16	E 43° N
10 „	5.13	7.42	0.32	0.48	4.81	6.94	E 35° N
11 „	4.68	7.58	0.68	0.90	4.00	6.68	E 31° N
Noon.	4.39	8.97	1.39	0.87	3.00	8.10	E 20° N
1 p.	3.35	9.97	1.68	0.87	1.67	9.10	E 10° N
2 „	2.97	9.10	1.81	1.00	1.16	8.10	E 8° N
3 „	3.32	9.19	0.94	1.00	2.38	8.19	E 16° N
4 „	3.90	8.45	0.81	1.13	3.09	7.32	E 23° N
5 „	3.58	8.48	0.97	0.84	2.61	7.64	E 19° N
6 „	3.68	7.32	0.45	0.48	3.23	6.84	E 25° N
7 „	4.16	8.13	0.84	0.16	3.32	7.97	E 23° N
8 „	4.94	8.84	0.52	0.00	4.42	8.84	E 27° N
9 „	5.32	8.42	0.26	0.00	5.06	8.42	E 31° N
10 „	5.61	8.00	0.42	0.03	5.19	7.97	E 33° N
11 „	5.45	8.45	0.42	0.00	5.03	8.45	E 31° N
Midt.	5.84	8.65	0.45	0.06	+5.39	+ 8.59	E 32° N
Means,.....	5.02	7.81	0.59	0.40	+4.44	+ 7.41	E 31° N

PHENOMENA :—

Solar halo :—on the 25th.

Lunar corona :—on the 6th.

Haze :—on the 14th.

Unusual visibility :—on the 2nd.

Rainbow :—on the 3rd.

OBSERVATIONS AND RESEARCHES

MADE AT

THE HONGKONG OBSERVATORY,

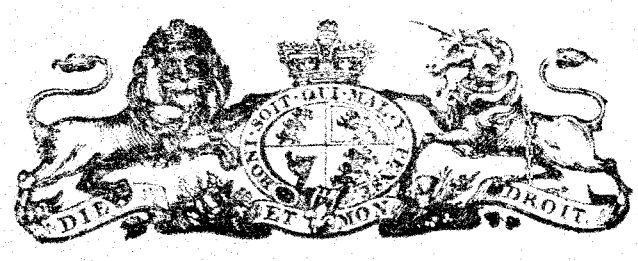
IN THE YEAR

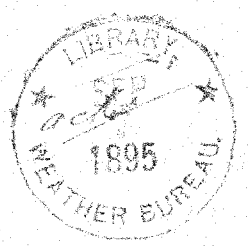
1894,

BY

W. DOBERCK,

DIRECTOR.





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