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HONGKONG OBSERVATORY,

9th January, 1900.

SIR,—I have the honour to submit my annual report for 1899 to His Excellency the Governor. My fifteenth volume of "Observations and Researches" was published last autumn, and the sixteenth volume is now being printed. It contains the usual astronomical, meteorological, and magnetic observations.

2. Mr. FIGG has analysed his weather-forecasts for the past four years on the system explained in the Annual Report for 1896 § 5, with the following results :—

	Success.	*Partial success.*	*Partial failure.*	*Total failure.*
January	72	24	4	0
February	57	40	3	0
March	69	26	4	1
April	61	33	4	2
May	65	26	9	0
June.....	67	30	2	1
July.....	73	22	5	0
August	62	34	4	0
September ...	58	37	4	1
October	63	30	6	1
November ...	73	24	3	0
December ...	57	38	5	0
Year	65	30	4	1

The comparison of weather-forecasts with the weather subsequently experienced in 1899 was as follows :—

Success 61 %, partial success 33 %, partial failure 5 %, total failure 1 %.

Following the method used in meteorological offices and taking the sum of total and partial success as a measure of success, and the sum of total and partial failure as a measure of failure, we find finally that :—

94 % of the weather forecasts were successful in 1899.

3. The China Coast Meteorological Register was printed every morning at the Observatory, and information regarding storms was telegraphed and exhibited on notice boards as often and as fully as such information could be justified by the weather telegrams received. This happened on 91 days in 1899. The Red Drum was hoisted 2 times, the Black Drum 3 times, the Red South Cone 3 times, the Black South Cone 2 times, the Red North Cone 0 times, the Black North Cone 2 times, the Red Ball 0 times, the Black Ball 2 times. The Gun was not fired in 1899. No printed bulletins were circulated in 1899.

4. On the 8th April, 1898, the telegraphic reports from Bolinao (Luzon) ceased as the Eastern Extension Telegraph Company's station was removed from there. On the 15th September reports commenced from Malate and Capiz, and on the 22nd from Tuburan. Reports ceased from Tuburan on the 27th October, from Malate on the 15th November, and from Capiz on the 24th November. On the 22nd May, 1899, telegraphic reports from Malate, Iloilo, and Bacolod, and on the 9th June

from Cebu commenced, with instruments supplied at the cost of the Hongkong Government. The observations are made by the staff of the Eastern Extension Telegraph Company.—From Japan telegraphic reports are received from Tokio, Kochi, Nagasaki and Kagoshima, and since July, 1898, also from Oshima, Naha and Ishigakijima. In fact returns from Naha had been received for some time previous to that date. All these telegrams are almost invariably received too late. From Formosa telegraphic reports were formerly received from the Chinese Government, but irregularly and too late. The Japanese Government improved matters greatly but still the returns were too late till the beginning of November, 1899, when the service was accelerated. The stations are Taihoku, Taichu, Tainan, Koshun, and Pescadores.

5. Telegraphic connection between the Observatory and Hongkong was interrupted on the 4th May, 1899, from noon to 2 15 p.; from 6.45 a. on the 3rd June, to 12.12 p. on the 4th ; on the 5th, from 7.6 p. to Midt ; from 2.15 p. on the 10th to 8.40 a. on the 12th ; on the 13th from 7 a. to 8.30 a.; from 7.15 p. on the 13th to 7 a. on the 14th ; from 7.5 p. on the 14th to 7 a. on the 15th ; on the 15th, from 7.5 p. to 7.40 p.; from 10 p. on the 16th to 7 a. on the 17th ; from 7.45 p. on the 17th to 6.50 a. on the 18th ; from 7.10 p. on the 20th to 6.50 a. on the 21st ; from 7 p. on the 21st to 6.45 a. on the 22nd ; from 8 p. on the 22nd August to 7.45 a. on the 23rd ; on the 24th, from 6.15 a. to 2.5 p.; from 6.45 a. on the 15th September to 10.57 a. on the 16th ; from 5 p. on the 27th December to 5 p. on the 28th. Interruptions occurred therefore on 22 days, and, of course, also during thunderstorms. There was no telephonic interruption between the Peak and the Observatory during the year except during thunderstorms.

6. During 1899 in addition to meteorological registers kept at 40 stations on shore, 2195 ship-logs have been copied on board or forwarded by the captains. The total number of vessels, whose log books have been made use of, was 261. The total number of days' observations (counting separately those made on board different ships on the same day) was 19455.

7. The following is a list of ships from which logs have been obtained in 1899. The majority are steam ships, and the others are distinguished as follows :—bk., barque ; sh., ship ; bqt., barquentine ; sch., schooner :—Airlie, Alacrity (H.M.S.), Algerine (H.M.S.), Amara, Ambria, Amerigo Vespucci, Antenor, Ariake Maru, Arizona, Arratoon Apcar, Australian, Babelsberg, Ballarat, Bamberg, Barfleur (H.M.S.), Bayern, Belgian King, Bengal, Benlarig, Benvenue, Bombay, Bermida, Boston (U.S.S.), Candia, Canton (P. & O.), Canton (J.M.), Catherine Apcar, Centurion (H.M.S.), Changsha, Charterhouse, Chelydra, Chihli, China (P.M.), China (Ger.), Chingtu, Chiyuen, Chowfa, Chow Tai, Choysang, Chunsang, Chunshan, Chusan, City of Peking, City of Rio de Janeiro, Clam, Clara, Clyde, Concord (U.S.S.), Coptic, Coromandel, Cowrie, Dagmar, Dardanus, Deucalion, Devawongsé, Diamante, Domenico Balduino, Doric, Ebani, Ekaterinoslav (R.V.F.), Empress of China, Empress of India, Empress of Japan, Esmeralda, Esmeralda (sch.), Etna (H.R.I.M.S.), Ettrickdale, Fame (H.M.S.), Fausang, Formosa, Frundsberg, Fukui Maru, Fushun, Futami Maru, G. C. Tobey (bk.), Gaelic, Germania, Glenfalloch, Glengarry, Glengyle, Glenturret, Grafton (H.M.S.), Guthrie, Haiching, Hailan, Hailoong, Haimun, Hainan, Haitan, Hakata Maru, Haknai Maru, Hangchow, Hanoi, Hermes, Hermione (H.M.S.), Hikosan Maru, Hinsang, Hiroshima Maru, Hitachi Maru, Hohenzollern, Hoihao, Hongkong, Hongkong Maru, Hongleong, Humber (H.M.S.), Hunan, Hupeh, Hyson, Imperator, Independent, Indrani, Indrapura, Indus, Ingraban, Istria, Ivy (sh.), Japan, Jason, Java, Kachidate Maru, Kagoshima Maru, Kaifong, Kamakura Maru, Kanagawa Maru, Kansu, Kasuga Maru, Katsuyama Maru, Keelung Maru, Keong Wai, Kiangnan, Kingsing, Kiukiang, Kongbeng, Kosciusco (bk.), Kumsang, Kutsang, Kwanglee, Kwangping, Kweiyang, Kyoto Maru, Lennox, Linnet (H.M.S.), Lion (Fr. Man-of-War), Loksang, Loongmoon, Loongsang, Loosok, Loyal, Lyeemoon, Machew, Maidzuru Maru, Manila, Marie Jebsen, Mausang, Mazagon, McLaurin (sh.), Meefoo, Menelaus, Merionethshire, Michael Jebsen, Miike Maru, Mongkut, Monmouthshire, Moravia, Moyune, Nanaimo (sh.), Nanchang, Nankin, Nanyang, Nestro, Ningpo, Nippon Maru, Nubia, Oanfa, Oceania, Olympia, Onsang, Orestes, Oslo, Pakhoi, Parramatta, Pathan, Patroclus, Peiyang, Pekin, Petrel (U.S.S.), Phra Chom Klao, Phra Chula Chom Klao, Phra Nang, Pigmy (H.M.S.), Plover (H.M.S.), P. N. Blanchard (sh.), Powerful (H.M.S.), Preussen, Prinz Heinrich, Progress, Propontis, Pronto, Radnorshire, Raffaele Rubattino, Rohilla, Rose (sh.), Rosetta, Sabine Rickmers, Sachsen, Sagami Maru, Saida (S.M.S.), Salazie, Sandakan, San Gothards (Am. Transport), San Salvadore, Sarnia, Sendai Maru, Shanghai, Shantung, Siam (Br.), Siam (Dan.), Sherard Osborne, Siberia, Silesia, Singapore, Sishan, Socotra, Sofala (sh.), St. Paul (Am. Transport), Suisang, Süllberg, Sultan, Sumidagawa Maru, Sung Kiang, Swatow, Tacoma, Taicheong, Taichiow, Tailee, Taisang, Taiyuan, Tamsui Maru, Tam O'Shanter (sh.), Tantalus, Tartar, Tetartos, Thales, Tientsin, Tonkin, Triumph, Tsinan, Tsurugisan Maru, Victorious (H.M.S.), Vortigern, Wakasa Maru, Waterwitch (H.M.S.), Willy Rickmers, Wongkoi, Wosang, Yamaguchi Maru, Yedo Maru, Yiksang, Yuensang, Zafiro (U.S.S.), Zweena.

8. 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 218869 observations in all have now been entered.

Table I.

Meteorological Observations entered in 10° Squares in 1893-1899 incl.

Square number.	Jan.	Feb.	Mar.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.
19	1	4	5	0	0	0	5	1	0	0	0	0
20	42	30	17	56	23	10	6	8	7	40	23	23
21	39	37	55	40	41	1	10	2	7	28	19	36
22	8	17	12	28	35	25	29	10	0	11	0	1
23	243	293	102	65	14	1	105	78	34	48	83	199
24	441	320	386	336	267	271	499	419	338	482	535	379
25	209	136	138	120	157	126	152	136	124	313	310	208
26	2565	2391	2900	2907	3318	3354	3462	3604	3308	3307	2731	2755
27	0	0	2	3	3	4	0	2	3	1	0	2
55	20	29	26	20	18	46	30	30	16	10	12	22
56	19	51	30	15	24	40	49	52	12	32	22	20
57	53	71	44	75	42	34	57	35	12	54	26	36
58	70	71	105	64	77	71	51	56	19	33	71	61
59	132	156	143	51	69	90	101	70	20	95	142	112
60	283	311	285	176	173	222	338	256	174	202	203	213
61	2752	2392	3066	2783	3500	3760	3821	3807	3782	3749	3330	2920
62	1743	1820	2083	2015	2200	2273	2069	2056	2060	2007	1913	1883
63	14	23	22	21	33	36	17	9	13	13	11	14
91	47	70	49	64	22	26	21	31	35	48	82	92
92	62	77	57	62	20	13	12	19	35	29	85	82
93	54	64	39	31	1	26	1	26	28	34	44	60
94	67	73	79	101	70	97	73	35	33	22	145	65
95	89	119	70	96	97	63	61	58	54	96	66	145
96	1931	1717	1832	1791	2177	2167	2146	2002	1823	2020	1865	1819
97	859	815	1004	876	1012	1050	960	963	1003	1025	1076	988
98	275	243	272	293	357	408	374	363	393	349	337	324
127	146	77	96	109	77	59	94	85	86	115	116	77
128	157	88	114	125	90	92	113	112	84	158	151	104
129	176	115	165	183	106	150	113	141	105	184	204	163
130	441	331	390	354	523	507	543	516	420	485	510	426
131	471	405	453	516	523	597	609	706	481	544	504	421
132	1333	1230	1471	1979	2392	2437	2685	2169	1992	2142	2039	1475
133	0	0	74	80	133	108	148	74	79	124	95	17
163	118	121	155	182	196	236	233	262	199	190	164	105
164	200	168	218	259	263	354	315	338	334	260	215	143
165	243	177	158	224	336	354	353	338	353	247	241	161
166	71	63	58	74	119	98	126	76	134	98	78	71
167	17	1	5	47	51	79	119	143	79	59	41	4
168	1	2	0	12	8	10	7	7	3	11	7	0
199	37	34	25	62	50	46	45	42	68	49	44	42
200	11	5	2	4	0	4	5	0	22	5	13	1
202	0	0	0	0	0	1	2	1	5	1	0	0
203	0	0	0	0	0	0	2	1	2	0	0	0
318	0	21	0	15	0	0	15	0	0	0	0	8
319	40	36	45	24	1	0	0	0	1	28	7	24
320	4	7	27	16	13	35	9	2	0	3	0	0
321	0	1	0	1	4	11	0	2	1	1	0	0
322	29	21	28	36	49	51	41	24	35	41	46	27
323	409	238	317	204	169	160	209	173	195	184	263	310
324	309	209	171	71	91	79	135	108	165	246	299	281
325	275	236	222	368	397	364	538	452	417	307	302	289
326	0	0	0	0	0	0	0	0	0	0	0	0
	16506	14916	17017	17034	19341	20046	20908	19900	18593	19530	18470	16608

9. As stated in the "Instructions for making Meteorological Observations, etc.," meteorological observations forwarded by observers who regularly send their registers to the Observatory are verified here free of cost. During the past year 3 barometers were verified. In addition, several hundred barometers and anëroids on board ship were compared with our standard.

10. The mean values of the spectroscopic rainband (1-5) in 1899 were as follows :—January 1.58, February 1.93, March 1.80, April 2.40, May 2.23, June 2.77, July 2.74, August 2.36, September 2.03, October 1.32, November 1.40, December 1.68. Year 2.02.

11. In 1899 the number of transits observed was 4890. The axis of the transit instrument was levelled 245 times, and the azimuth and collimation were determined 38 times by aid of the meridian mark erected in 1884. All these observations have been reduced by Mr. J. I. Plummer.

12. The sidereal standard clock has been practically untouched throughout the whole year. On August 15 the platinum points of the contact springs were cleaned, but this was done without inter-

fering with the going of the clock or the adjustment of the springs themselves. Subsequently a shunt was introduced into the circuit which works the relay in order to prevent any spark occurring at these points. The standard mean time clock has likewise been going without interruption, a little additional oil being added to parts of the movement on November 16. The rate of this clock at the present time is not satisfactory. The time-ball clock was cleaned on February 25.

13. The errors of the time-ball are given in Table II. There were seven failures in 1899. The ball is not dropped on Government holidays. Upon March 14th it was under repair, and upon October 21st the Chinese assistant omitted to take the key of the time-ball tower with him. It was dropped successfully 340 times. The causes of the failures mentioned above are as under:—On February 28th a particle from the buff used in cleaning the platinum points on February 25 prevented actual contact and there was therefore no discharge current, on March 13th, the piston jambed between the tooth and the back of the cylinder, on June 22nd a corroded wire in the coil of the discharge circuit, on June 24th during the repairs attempts were made to drop the ball by means of hand apparatus but failed, on September 4th the piston would not rest on the tooth owing to the spring at the back of the lock having become slack, on September 5th the lock did not discharge owing to the fault on the previous day having been over-corrected, on December 17th no discharge current, probably the clock had not been put in circuit. The probable error was in January ± 0ˢ.09, in February ± 0ˢ.22, in March ± 0ˢ.09, in April ± 0ˢ.13, in May ± 0ˢ.13, in June ± 0ˢ.27, in July ± 0ˢ.10, in August ± 0.16, in September ± 0ˢ.09, in October ± 0ˢ.11, in November ± 0ˢ.09 and in December ± 0.10.

Table II.

Errors of Time-Ball in 1899.

− means too late. + means too early.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.
1	...	0.1	0.1	...	0.1	+0.2	0.1	0.1	0.1	−0.3	0.1	0.1
2	...	0.1	0.1	...	0.1	+0.3	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	...	0.1	+0.2	0.1	0.1	0.1	0.1	0.1	−0.2
4	0.1	0.1	0.1	+0.2	0.1	0.1	0.1	0.1	...	0.1	0.1	0.1
5	0.1	0.1	0.1	+0.3	0.1	0.1	0.1	0.1	...	0.1	0.1	−0.2
6	−0.2	0.1	0.1	+0.3	+0.2	+0.2	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	+0.4	+0.3	0.1	0.1	...	0.1	0.1	−0.2	0.1
8	0.1	0.1	0.1	+0.5	+0.3	0.1	0.1	+0.4	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	+0.2	0.1	+0.3	0.1	0.1	0.1	0.1
10	0.1	...	0.1	0.1	0.1	+0.2	0.1	0.1	0.1	−0.2	0.1	0.1
11	0.1	...	0.1	0.1	0.1	+0.4	0.1	0.1	0.1	−0.3	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	+0.4	0.1	+0.2	0.1	−0.2	0.1	0.1
13	0.1	0.1	...	0.1	−0.2	+0.5	0.1	+0.3	0.1	0.1	0.1	0.1
14	+0.2	0.1	...	0.1	−0.2	+0.6	0.1	+0.6	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	−0.2	+0.7	+0.2	+0.8	0.1	0.1	0.1	+0.2
16	0.1	0.1	0.1	0.1	0.1	+0.8	+0.3	+0.5	0.1	0.1	0.1	0.1
17	0.1	+0.3	0.1	...	−0.2	+0.8	0.1	0.1	0.1	0.1	0.1	...
18	0.1	+0.7	0.1	0.1	0.1	+0.9	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	+1.1	0.1	0.1	0.1	+0.6	+0.2	0.1	0.1	0.1	0.1	0.1
20	0.1	+1.1	0.1	−0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	+1.2	0.1	0.1	0.1	0.1	0.1	+0.2	0.1	...	0.1	0.1
22	0.1	−0.4	0.1	0.1	...	...	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	...
24	0.1	0.1	0.1	+0.2	...	...	0.1	0.1	0.1	0.1	0.1	..
25	0.1	0.1	+0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	...
26	0.1	0.1	0.1	0.1	0.1	−0.4	−0.2	0.1	0.1	0.1	0.1	...
27	0.1	0.1	0.1	0.1	+0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	...	0.1	0.1	+0.3	+0.2	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	...	0.1	0.1	+0.4	+0.2	0.1	0.1	−0.3	+0.2	0.1	0.1
30	0.1	...	+0.2	0.1	+0.2	0.1	0.1	0.1	0.1	+0.2	0.1	0.1
31	0.1	...	...	...	0.1	...	0.1	0.1	...	+0.2	0.1	0.1

14. Mr. J. I. Plummer determined the time and took charge of clocks, chronometers, chronograph and the time-ball. Mr. F. G. Figg issued weather-forecasts and storm-warnings, and made magnetic observations. Miss Doberck, who was on leave during five months, attended to marine meteorology. The native assistant, under close supervision of Mr. Figg and myself, attended to the meteorological instruments and the construction of meteorological tables, assisted by the native staff of computers and telegraphists.

15. 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-gauge is 105 feet above M.S.L., and 21 inches above the ground.

16. 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.

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

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

Table V. exhibits the duration of sunshine expressed in hours, from 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.

Table VIII. exhibits the amount (0—10), name (Howard's classification) and direction whence coming of the clouds. Where the names of upper and lower clouds are given, but only one direction, this refers to the lower clouds. With regard to the names of clouds ; nimbus (nim) is entered only when the rain is seen to fall ; when no rain is seen to fall cumulo-nimbus (cum-nim) is entered. This name indicates clouds intermediate between cum and nim. Cumulo-stratus (cum-str) is the well-known thunder cloud, while strato-cumulus (str-cum) signifies a cloud intermediate between stratus and cum. Sm-cum means alto-cumulus.

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

Below this is printed a list of the phenomena observed.

17. The following annual Weather Report for 1899 is arranged as follows :—

Table III. exhibits the mean values for the year (or hourly excess above this) obtained from the monthly reports. The total duration of rain was 606 hours. There fell at least 0.01 inch of rain on 121 days.

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

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

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

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

Table VIII. is arranged as last year.

Table IX. exhibits the monthly and annual extremes.

Table X. contains five-day means.

I have the honour to be,

Sir,

Your most obedient Servant,

W. Doberck,
Director.

The Honourable

The Colonial Secretary,

&c., &c., &c.

Table III.

Mean Values and Hourly Excess above the Mean of Meteorological Elements in 1899.

	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	+.006	—.004	—.012	—.014	—.009	+.004	+.018	+.032	+.043	+.044	+.033	+.015	—.009	—.029	—.042	—.045	—.042	—.032	—.018	—.001	+.012	+.021	+.020	+.015	29.845
Temperature,	— 1.5	— 1.7	— 1.9	— 2.1	— 2.2	— 2.2	— 1.6	— 0.5	+ 0.6	+ 1.5	+ 2.1	+ 2.6	+ 2.8	+ 2.9	+ 2.6	+ 2.1	+ 1.3	+ 0.4	— 0.1	— 0.5	— 0.7	— 0.9	— 1.2	— 1.4	72.0
Diurnal Range,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.7
Humidity,	+ 6	+ 6	+ 6	+ 5	+ 5	+ 5	+ 3	0	— 3	— 5	— 7	— 8	— 8	— 8	— 7	— 6	— 3	— 1	+ 2	+ 3	+ 4	+ 4	+ 5	+ 5	75
Vapour Tension,	+.012	+.008	+.005	.000	—.004	—.005	—.006	—.006	—.008	—.013	—.011	—.012	—.014	—.011	—.011	—.008	—.001	+.004	+.010	+.013	+.015	+.014	+.013	+.012	0.624
Sunshine (Total),	...	...	...	...	...	9.8	85.1	162.0	191.5	206.4	218.4	223.8	230.9	228.0	215.5	197.5	93.9	9.6	...	...	...	...	...	...	2072.4
Rainfall (Total).	3.010	2.160	4.000	4.185	3.115	3.435	2.220	3.840	2.655	2.475	4.305	3.405	4.965	3.605	2.740	1.530	0.965	1.755	1.175	1.485	3.140	3.340	3.495	5.700	72.700
Hours of Rain (Total).	40	37	34	36	29	48	39	33	34	32	27	26	33	27	26	28	21	19	19	18	25	30	30	30	721
Intensity of Rain,	0.075	0.058	0.118	0.116	0.107	0.072	0.057	0.116	0.078	0.077	0.159	0.131	0.150	0.134	0.105	0.055	0.046	0.092	0.062	0.082	0.126	0.111	0.117	0.190	0.101
Wind-Velocity,	— 1.0	— 1.0	— 0.9	— 0.7	— 1.0	— 1.5	— 1.0	— 0.2	+ 0.6	+ 1.0	+ 2.8	+ 2.1	+ 2.1	+ 2.0	+ 1.6	+ 1.3	+ 0.7	— 0.3	— 0.8	— 1.1	— 1.1	— 1.1	— 1.2	— 1.0	12.7
Wind-Direction,	— 6°	— 4°	— 3°	— 4°	— 5°	— 7°	— 8°	— 9°	— 4°	+ 1°	+ 6°	+ 9°	+ 12°	+ 13°	+ 14°	+ 13°	+ 10°	+ 4°	0	— 2°	— 4°	— 6°	— 8°	— 10°	E 1° S
Cloudiness,	+ 4	...	...	+ 5	...	...	+ 5	...	...	+ 1	...	...	— 1	...	...	— 2	...	...	— 7	...	...	— 4	...	...	65
Solar Radiation,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	128.8
Excess of do. do.,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51.9

Table IV.

Number of Hours during a portion of which it rained for each Month in the Year 1899.

Month.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt	Total.
January,	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6
February,	3	3	2	3	3	2	0	0	2	3	1	1	2	1	2	1	3	3	2	1	1	2	2	4	47
March,	1	0	1	2	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	7
April,	1	3	2	2	2	4	3	1	2	2	1	1	3	2	3	4	2	2	2	0	0	1	1	1	45
May,	3	4	3	4	4	5	6	3	3	3	3	4	6	4	4	2	1	0	3	1	1	3	2	2	74
June,	11	11	7	9	7	11	12	8	8	5	7	6	7	5	7	8	6	6	4	3	4	8	9	7	176
July,	4	5	6	5	3	6	3	4	7	5	4	4	4	4	2	5	2	1	2	4	7	4	5	3	99
August,	10	5	8	7	3	10	7	8	7	8	6	7	7	6	3	4	3	2	3	5	5	3	3	7	137
September,	1	1	3	1	2	5	2	3	2	3	2	1	2	2	3	0	0	3	0	0	3	3	3	1	46
October,	2	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	2	2	2	1	2	2	21
November,	1	1	1	2	2	2	3	5	2	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	38
December,	2	2	0	0	2	3	2	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	25
Total,	40	37	34	36	29	48	39	33	34	32	27	26	33	27	26	28	21	19	19	18	25	30	30	30	721

Table V.

Number of Days with Wind from eight different points of the Compass during each Month of the Year 1899.

Month.	N.	NE.	E.	SE.	S.	SW.	W.	NW.
January,	10	4	12	...	...	...	1	4
February,	3	5	18	...	...	...	...	2
March,	2	5	22	...	...	...	1	1
April,	2	2	22	1	...	1	1	1
May,	1	2	17	3	4	2	2	...
June,	...	1	8	4	8	9	...	...
July,	...	...	6	4	1	13	7	...
August,	...	...	13	4	2	5	6	1
September,	3	1	21	3	2	...	...	...
October,	4	4	22	...	...	...	1	...
November,	14	3	13	...	...	...	...	...
December,	1	1	24	2	...	...	1	2
Sums,	40	28	198	21	17	30	20	11

Table VI.

Total Number of Days on which different Meteorological Phenomena were noted and Total Number of Thunderstorms during each Month of the Year 1899.

Month.	Fog.	Electric Phenomena.	Lightning.	Thunder.	Thunderstorms.	Unusual Visibility.	Dew.	Rainbows.	Lunar Halo.	Lunar Corona.	Solar Halo.
January,	5	...	...	...	...	...	1	...	...	...	...
February,	5	2	2	2	1	...	3	...	...	...	...
March,	7	1	...	1	...	1	4	...	...	...	...
April,	3	4	4	2	1	...	3	1	...	...	...
May,	...	11	11	5	3	...	7	1	3	3	2
June,	...	13	13	9	5	...	1	4	5	3	5
July,	...	19	17	8	2	...	6	4	3	3	5
August,	2	21	20	12	4	...	8	4	5	6	3
September,	2	16	16	3	2	...	10	2	1	2	2
October,	...	...	...	...	...	1	1	...	...	1	...
November,	...	...	...	...	...	1	2	1	...	4	3
December,	4	2	2	2	...	1	4	...	...	1	...
Sums,	28	89	85	44	18	4	50	17	17	23	20

Table VII.

Total Number of Times that Clouds of different forms were observed in each Month of the Year 1899.

Month.	c.	c-str.	c-cum.	sm-cum.	cum.	cum-str.	str.	R-cum.	cum-nim.	nim.
January,	...	...	11	55	73	...	23	...	...	7
February,	...	2	7	28	73	...	25	2	6	33
March,	...	...	17	39	120	...	27	...	3	6
April,	...	...	4	43	127	...	27	1	14	35
May,	...	15	54	61	138	...	7	...	4	35
June,	...	27	43	16	156	...	8	2	9	64
July,	...	20	79	36	180	1	3	...	5	29
August,	...	20	90	5	149	...	9	...	8	55
September,	...	12	69	42	129	...	6	2	3	21
October,	1	...	35	76	129	...	17	1	5	10
November,	...	10	42	38	75	...	22	...	5	29
December,	...	7	18	64	101	...	7	1	2	9
Sums,	1	113	469	503	1450	1	181	9	64	333

Table VIII.

Month. 1899.	Barometric Tide.	Mean Diurnal Variability of Temperature.	Weight of Water Vapour in Troy Grains in each cubic foot of Air.	Rainfall. Mean.	Rainfall. 1899.	Hourly Intensity of Rain.	Mean Direction of Clouds whence coming. Lower.	Upper.	Cirrus.	Number of Days with Clouds below. 2000 ft.	1000 ft.
January, ...	0.106	1°.78	3.56	1.545	0.185	0.018	E 6° N	W 17° S	...	0	0
February, ...	0.108	1 .92	4.07	2.091	2.205	0.031	E 7° S	W 18° S	...	12	3
March, ...	0.115	1 .95	5.00	2.991	0.315	0.035	E 11° S	W 9° S	...	6	2
April,.....	0.100	2 .32	6.67	5.980	3.140	0.043	E 19° S	W 15° S	...	17	6
May, ...	0.084	1 .30	8.05	13.159	7.165	0.109	E 59° S	W 3° N	...	6	4
June, ...	0.064	1 .38	9.00	16.496	18.975	0.156	S 7° W	W 38° N	...	13	3
July, ...	0.067	1 .05	9.75	14.210	10.125	0.220	S 10° W	E 45° N	...	3	0
August, ...	0.070	1 .29	9.46	13.482	19.980	0.247	E 59° S	E 44° N	...	9	5
September, ...	0.083	0 .99	8.31	8.833	6.305	0.252	E 13° N	N 19° E	...	4	1
October, ...	0.098	1 .36	6.12	5.794	0.875	0.049	E 9° N	W 10° S	...	0	0
November,.....	0.097	2 .13	4.87	1.302	1.640	0.026	E 12° N	W 75° S	...	4	3
December,.....	0.107	1 .71	5.55	0.985	1.790	0.081	E 8° S	W 49° S	...	5	1
Mean,.....	0.092	1 .60	6.70	86.867	72.700	0.106	E 27° S	W 19° N	...	79	28

Table IX.

Monthly Extremes of the Principal Meteorological Elements registered during the Year 1899.

Month.	Barometer. Max.	Barometer. Min.	Temperature. Max.	Temperature. Min.	Humidity. Min.	Vapour Tension. Max.	Vapour Tension. Min.	Rain. Daily Max.	Rain. Hourly Max.	Wind Velocity. Max.	Radiation. Sun Max.
January, ...	30.292	29.884	72.6	43.6	18	0.600	0.090	0.155	0.110	44	130.0
February, ...	.283	.758	74.5	47.6	14	0.629	0.072	0.900	0.220	46	138.9
March, ...	.184	.801	80.1	52.8	30	0.693	0.203	0.160	0.090	35	140.2
April,.....	.101	.669	83.0	59.2	57	0.792	0.402	2.050	1.360	42	145.5
May, ...	.017	.436	88.5	67.6	34	0.947	0.370	1.990	0.580	31	149.6
June, ...	29.848	.506	88.0	68.9	61	0.985	0.605	3.425	1.170	43	149.6
July, ...	.758	.372	91.5	74.7	60	1.045	0.751	2.185	0.650	46	147.5
August, ...	.819	.163	92.9	75.0	59	1.003	0.712	5.220	1.780	32	155.9
September, ...	.911	.584	89.8	71.6	35	0.988	0.319	3.780	1.600	34	160.1
October,.....	30.090	.687	86.4	65.9	24	0.863	0.249	0.570	0.185	35	144.4
November, ...	.240	.693	80.5	50.7	19	0.791	0.096	1.325	0.260	36	143.6
December,.....	.194	.835	78.7	54.0	29	0.673	0.138	1.200	0.290	37	137.0
Year,.....	30.292	29.163	92.9	43.6	14	1.045	0.072	5.220	1.780	46	160.1

Table X.

Five-Day Means of the Principal Meteorological Elements observed at Honghong in 1899.

Five-Day Periods.	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Velocity.	Nebulosity.	Sunshine.	Rain.
January 1– 5	30.053	56.9	52	0.246	9.6	2.5	8.1	0.000
" 6–10	.058	62.3	72	0.407	18.9	6.9	5.8	0.005
" 11–15	29.989	62.8	76	0.440	13.0	6.5	5.1	0.032
" 16–20	30.122	53.7	65	0.324	9.8	4.6	5.7	0.000
" 21–25	.123	56.8	56	0.263	8.1	5.3	4.9	0.000
" 26–30	.058	56.5	53	0.245	12.2	1.3	8.5	0.000
" 31– 4	.109	57.5	58	0.275	13.7	3.5	7.3	0.002
February 5– 9	.139	58.1	48	0.238	12.3	1.4	7.9	0.000
" 10–14	29.982	61.9	79	0.440	17.5	7.8	4.3	0.001
" 15–19	.876	58.4	83	0.410	15.0	8.3	2.1	0.252
" 20–24	.903	57.9	72	0.346	10.2	6.4	3.9	0.186
" 25– 1	.913	65.2	85	0.535	17.1	7.7	4.7	0.000
March 2– 6	30.020	62.6	73	0.414	15.9	7.3	3.8	0.000
" 7–11	29.971	66.6	79	0.515	12.4	4.2	6.6	0.000
" 12–16	30.009	64.1	70	0.424	13.9	4.6	6.9	0.000
" 17–21	29.991	63.6	70	0.419	19.3	5.2	6.7	0.002
" 22–26	.914	66.3	76	0.493	12.1	6.9	4.8	0.061
" 27–31	.909	65.5	72	0.465	11.5	6.0	6.5	0.000
April 1– 5	.800	69.7	88	0.648	14.9	9.6	1.5	0.035
" 6–10	30.007	63.1	82	0.475	10.6	9.6	0.7	0.048
" 11–15	29.883	70.9	80	0.608	12.6	5.2	7.1	0.000
" 16–20	.769	72.2	90	0.711	11.1	8.8	2.3	0.541
" 21–25	.790	71.1	83	0.635	17.0	8.9	1.4	0.002
" 26–30	.842	72.3	78	0.620	14.4	7.2	5.3	0.002
May 1– 5	.796	76.3	75	0.682	7.6	3.7	8.5	0.000
" 6–10	.794	73.8	81	0.672	11.6	8.8	3.7	0.659
" 11–15	.901	75.6	69	0.615	13.2	4.5	7.3	0.000
" 16–20	.781	78.8	81	0.801	8.3	5.7	9.2	0.000
" 21–25	.603	81.1	81	0.861	9.7	8.4	4.2	0.005
" 26–30	.599	79.3	87	0.869	11.9	8.5	3.3	0.753
" 31– 4	.630	80.8	83	0.874	17.1	9.9	1.2	0.625
June 5– 9	.718	76.0	87	0.786	16.2	9.5	2.4	1.526
" 10–14	.704	77.2	87	0.818	6.7	9.0	2.3	0.204
" 15–19	.750	80.2	85	0.872	9.7	8.7	4.2	0.801
" 20–24	.707	82.9	76	0.857	8.6	7.2	10.9	0.082
" 25–29	.655	81.2	82	0.875	15.7	8.3	6.4	0.446
" 30– 4	.557	80.9	86	0.901	23.6	7.5	5.7	0.809
July 5– 9	.439	85.0	80	0.970	8.0	4.4	9.4	0.001
" 10–14	.514	82.8	82	0.926	16.6	7.4	7.8	0.276
" 15–19	.514	83.1	82	0.931	11.5	6.6	6.9	0.649
" 20–24	.523	82.2	82	0.909	9.0	8.0	5.8	0.296
" 25–29	.656	83.1	80	0.908	5.3	6.3	7.8	0.056
" 30– 3	.641	84.1	76	0.896	5.4	4.5	10.6	0.133
August 4– 8	.414	82.6	79	0.882	14.1	8.3	4.6	0.696
" 9–13	.632	78.7	91	0.891	8.3	7.6	2.6	0.511
" 14–18	.615	80.7	87	0.907	6.8	8.8	4.8	0.349
" 19–23	.543	81.9	83	0.900	11.2	7.2	7.4	1.183
" 24–28	.682	79.6	89	0.895	12.5	8.4	5.0	0.774
" 29– 2	.706	79.9	87	0.881	17.5	8.9	3.6	0.483
September 3– 7	.797	81.8	81	0.875	7.9	4.1	9.1	0.006
" 8–12	.832	80.4	80	0.834	9.3	6.3	7.1	0.349
" 13–17	.790	80.4	78	0.813	19.3	6.7	5.3	0.789
" 18–22	.688	81.0	78	0.824	10.1	5.4	7.9	0.027
" 23–27	.764	79.8	68	0.693	6.6	2.9	7.8	0.022
" 28– 2	.861	76.7	46	0.422	13.8	4.1	7.1	0.000
October..... 3– 7	.809	76.5	53	0.485	12.9	4.1	7.0	0.114
" 8–12	.972	74.6	63	0.543	22.9	9.5	1.5	0.009
" 13–17	.939	76.2	76	0.693	16.2	5.6	7.6	0.000
" 18–22	.993	75.1	77	0.674	17.1	6.4	7.3	0.004
" 23–27	30.003	73.4	67	0.555	14.0	6.0	7.8	0.000
" 28– 1	29.971	72.7	74	0.600	16.8	7.9	7.3	0.048
November 2– 6	30.016	70.5	77	0.575	12.6	9.5	1.5	0.017
" 7–11	29.869	73.7	81	0.673	19.7	8.9	2.1	0.007
" 12–16	.858	69.5	73	0.532	12.5	8.6	3.5	0.304
" 17–21	30.009	68.3	51	0.354	9.1	4.8	6.7	0.000
" 22–26	.104	62.6	45	0.256	12.4	0.8	9.8	0.000
" 27– 1	.144	59.5	40	0.208	11.8	2.4	8.3	0.000
December..... 2– 6	.017	62.4	76	0.429	4.2	6.6	4.3	0.348
" 7–11	.034	65.4	73	0.464	13.3	6.7	5.6	0.004
" 12–16	29.950	68.7	82	0.574	14.6	5.2	6.5	0.000
" 17–21	.925	68.0	81	0.555	9.6	6.7	4.7	0.003
" 22–26	.989	67.5	83	0.561	15.1	5.6	6.3	0.000
" 27–31	.973	66.3	83	0.535	18.5	5.9	5.2	0.003

Appendix A.

Magnetic Observations made during the year 1899, and Comparison of Magnetometers.

The observations of declination and horizontal force published in Tables XI and XII were made with magnet No. 55 on Kew pattern unifilar magnetometer Elliott Brothers No. 55 and with magnets 83 and 83A on magnetometer No. 83. The dips were observed with dip-circle Dover No. 71.

The times of vibration 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 value of log π^2K for 25° Cent. (determined in 1898) was for No. 55 3.44901 ± 0.00009, for No. 83 3.44851 ± 0.00009, and for No. 83A 3.46870 ± 0.00004. The induction-coefficient is for No. 55 5.189 ± 0.055, for No. 83 5.151 ± 0.084, and for No. 83A 6.160 ± 0.084. The temperature-coefficients of the magnetic moments are as follows :—

No. 55 : $+0.000260t + 0.00000244t^2$ (Hongkong 1886)

No. 83 : $+0.000283t + 0.00000102t^2$ (Kew 1897)

No. 83A : $+0.000384t + 0.00000166t^2$ (Kew 1897)

The mean value of the magnetic moments were for No. 55 581.51, for No. 83 762.06, and for No. 83A 676.34.

The horizontal forces in Table XIII observed with No. 83 have been corrected by the subtraction of .00064, and those with No. 83A by subtraction of .00037 in order to reduce them to No. 55. The uncorrected means of observed values of horizontal force were for No. 55 0.36676, for No. 83 0.36740, and for No. 83A 0.36713.

All forces are expressed in C.G.S. units. The vertical (Y) and total forces exhibited in Table XIII have been obtained from the observed dips. The mean values of the dip obtained with needle No. 3 was 31°29′.08, with No. 4 31°29′.55, with No. 7 31°28′.63, and with No. 8 31°30′.19. No corrections have been applied to the dips observed with the different needles.

In September the horizontal force was determined with Collimator magnet 55 used in magnetometers 55 and 83 alternately. The result obtained in the latter exceeded the value obtained in the former by 0.00040, which agrees with the value by which the mean of the two horizontal forces obtained by the magnets 83 and 83A in magnetometer 83 exceed that obtained with 55 (0.00052 in 1898 and 0.00051 in 1899). The values of m x obtained from vibrations agree. The values of $\frac{m}{\tau}$ do not agree. The cause lies with the deflection bars. The bar belonging to 55 is certified to be correct throughout. The apparent distance from centre of instrument of graduation on bar belonging to 83 marked 30 cms is 29.990, and that marked 40 cms is 39.990 according to the certificate, and those corrections have been applied here. But when the two deflection bars are placed beside each other it is seen by the naked eye that these corrections are wrong. It is presumed that the bar belonging to 55 is right. It may be suspected that all the disagreements that are found between the results obtained with different magnetometers are caused by defective determination of the constants of the instruments.

Table XI.

Observations of Magnetic Declination and Dip.

1899.	H.K.M.T.	Declination East.	Magnet No.	Observer.	H.K.M.T.	Dip North.	Needle No.	Observer.
January,	16d 3h 10m p.	0°25′31″	55	F.G.F.	16d 4h 23m p.	31°30′.73	3	F.G.F.
						31 .95	4	"
February,	13 3 13 p.	23 5	83	"	13 4 19 p.	32 .37	3	"
						31 .32	7	"
March,	15 3 0 p.	21 25	83A	"	15 4 27 p.	29 .23	3	"
						32 .73	8	"
April,	14 3 6 p.	19 41	55	"	14 4 33 p.	27 .69	4	"
						29 .68	7	"
May,	16 3 10 p.	19 51	83	"	16 4 22 p.	30 .57	4	"
						32 .49	8	"
June,	19 3 19 p.	19 50	83A	"	19 5 3 p.	27 .97	7	"
						30 .67	8	"
July,	18 3 26 p.	20 27	83A	"	14 4 3 p.	29 .20	7	"
						29 .04	8	"
August,	14 3 35 p.	20 22	83	"	16 4 5 p.	28 .81	4	"
						29 .33	8	"
September,	18 3 34 p.	20 20	55	"	19 4 7 p.	28 .18	4	"
						27 .17	7	"
October,	17 3 24 p.	21 17	83A	"	13 4 8 p.	26 .81	3	"
						26 .88	8	"
November,	16 3 20 p.	21 0	83	"	17 4 4 p.	28 .28	3	"
						26 .44	7	"
December,	14 3 26 p.	19 44	55	"	13 4 5 p.	27 .06	3	"
						30 .12	4	"

Table XIII.

Results of Magnetic Observations made in 1899.

Month.	Declination East.	Dip North.	Magnetic Force.		
			X.	Y.	Total.
January,	0° 25′ 31″	31° 31′ 20″	0.36659	0.22484	0.43005
February,	23 5	31 51	.36651	.22487	.43000
March,	21 25	30 59	.36665	.22483	.43009
April,	19 41	28 41	.36667	.22451	.42994
May,	19 51	31 32	.36658	.22486	.43005
June,	19 50	29 19	.36681	.22468	.43016
July,	20 27	29 7	.36695	.22474	.43031
August,	20 22	29 4	.36691	.22470	.43025
September,	20 20	27 40	.36681	.22444	.43002
October,	21 17	26 51	.36661	.22420	.42972
November,	21 0	27 22	.36703	.22453	.43026
December,	19 44	28 35	.36695	.22466	.43026
Year,	0 21 3	31 29 22	0.36676	0.22465	0.43009

Table XII.

Observations of Horizontal Magnetic Force, (continued from Annual Report for 1898, Appendix B).

Date.	H.K.M.T.	Time of one Vibration.	Temp. Cent.	Torsion.	Log m X.	Value of m.	Magnet. No.	H.K.M.T.	Dist. in c.m.	Temp. Cent.	Deflection.	P.	Log $\frac{m}{X}$.	Value of X.	Observer.
1899.															
March 14, ...	3h 47m p.	3s 4234	22°.2	1′.51	2.40228	688.00	83A	3h 6m p.	30	21°.7	7° 57′ 7″.5	5.65	3.27290	0.36702	F.G.F.
									40		3 20 13 .8				
								4 28 p.	30	21 .8	7 57 22 .5				
									40		3 20 17 .5				
April 13, ...	4 15 p.	3 .6406	27 .5	1 .38	2.32910	581.86	55	3 22 p.	30	27 .1	6 43 45 .0	7.02	3.20054	0.36667	„
									40		2 49 27 .5				
								4 58 p.	30	25 .6	6 44 17 .5				
									40		2 49 41 .9				
May 15, ...	3 42 p.	3 .1620	28 .2	0 .86	2.45130	769.78	83	3 12 p.	30	27 .8	8 55 21 .2	7.60	3.32144	0.36722	„
									40		3 44 17 .5				
								4 21 p.	30	27 .8	8 55 31 .2				
									40		3 44 17 .5				
June 17, ...	4 11 p.	3 .4493	28 .5	0 .92	2.39712	679.60	83A	3 37 p.	30	28 .2	7 49 15 .0	4.96	3.26738	0.36718	„
									40		3 17 0 .0				
								4 47 p.	30	28 .7	7 49 6 .8				
									40		3 16 53 .8				
July 17, ...	4 2 p.	3 .4629	32 .75	0 .94	2.39464	675.45	83A	3 28 p.	30	32 .65	7 45 33 .7	5.76	3.26454	0.36732	„
									40		3 15 23 .8				
								4 38 p.	30	32 .1	7 45 30 .0				
									40		3 15 20 .0				
August 15, ...	3 51 p.	3 .1861	29 .7	0 .71	2.44496	757.93	83	3 17 p.	30	29 .6	8 46 28 .7	8.06	3.31431	0.36755	„
									40		3 40 31 .3				
								4 31 p.	30	28 .9	8 46 46 .3				
									40		3 40 37 .5				
September 11, ...	3 59 p.	3 .6421	28 .7	1 .40	2.32894	580.75	*55	3 25 p.	30	28 .5	6 42 43 .8	7.20	3.19904	0.36724	„
									40		2 48 56 .2				
								4 43 p.	30	28 .4	6 42 43 .7				
									40		2 49 1 .3				
„ 12, ...	4 2 p.	3 .6440	30 .8	0 .94	2.32891	581.43	55	3 24 p.	30	30 .7	6 42 40 .0	6.92	3.20008	0.36679	„
									40		2 48 58 .7				
								4 45 p.	30	29 .3	6 43 6 .2				
									40		2 49 14 .4				

TABLE XII.,—*Continued.*

Date.	H.K.M.T.	Time of one Vibration.	Temp. Cent.	Torsion.	Log m X.	Value of m.	Magnet. No.	H.K.M.T.	Dist. in c.m.	Temp. Cent.	Deflection.	P.	Log $\frac{m}{X}$.	Value of X.	Observer.
1899.															
September 13, ...	$3^h 58^m$ p.	3^s.6429	29°.6	1′.03	2.32894	580.92	*55	3 24 p.	30	29°.4	6° 42′ 42″.5	7.06	3.19930	0.36713	F.G.F.
									40		2 48 56 .9				
								4 41 p.	30	28 .3	6 42 57 .5				
									40		2 49 7 .5				
„ 14, ...	3 58 p.	3 .6414	27 .7	0 .96	2.32895	581.43	55	3 24 p.	30	27 .6	6 43 16 .2	6.92	3.20004	0.36683	„
									40		2 49 16 .2				
								4 44 p.	30	27 .6	6 43 17 .5				
									40		2 49 16 .3				
„ 15, ...	3 59 p.	3 .6408	27 .7	1 .07	2.32908	580.92	*55	3 23 p.	30	27 .55	6 42 33 .8	6.56	3.19917	0.36725	„
									40		2 48 55 .0				
								4 42 p.	30	27 .3	6 42 56 .3				
									40		2 49 8 .7				
October 16, ...	3 54 p.	3 .4931	26 .65	0 .97	2.38570	662.30	83A	3 21 p.	30	26 .75	7 37 53 .8	5.31	3.25640	0.36698	„
									40		3 12 12 .5				
								4 32 p.	30	25 .9	7 38 18 .7				
									40		3 12 23 .7				
November 15, ...	3 44 p.	3 .2011	25 .0	0 .81	2.44010	749.27	83	3 14 p.	30	24 .6	8 41 37 .5	8.45	3.30918	0.36767	„
									40		3 38 28 .7				
								4 24 p.	30	24 .2	8 41 36 .3				
									40		3 38 23 .8				
December 15, ...	3 57 p.	3 .6372	22 .0	1 .50	2.32879	581.00	55	3 21 p.	30	21 .5	6 44 13 .7	7.50	3.19958	0.36695	„
									40		2 49 36 .9				
								4 42 p.	30	20 .9	6 44 13 .8				
									40		2 49 38 .1				

* Collimatar Magnet 55 in unifilar 83.

TABLE 1.

BAROMETRIC PRESSURE FOR THE MONTH OF JANUARY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Jan. 1,...	29.999	29.986	29.968	29.959	29.956	29.966	29.992	30.012	30.022	30.024	30.006	29.974	29.944	29.924	29.917	29.921	29.924	29.937	29.959	29.975	29.982	29.986	29.989	30.004	29.972
„ 2,...	30.008	30.011	30.004	.998	30.004	30.015	30.028	.044	.059	.056	.040	30.004	.977	.964	.964	.974	.987	.994	30.009	30.024	30.029	30.033	30.042	.044	30.013
„ 3,...	.041	.041	.040	30.039	.046	.061	.068	.087	.104	.105	.079	.039	30.006	.988	.976	.978	.993	30.009	.029	.044	.059	.066	.067	.067	.043
„ 4,...	.069	.065	.066	.071	.079	.088	.111	.128	.134	.132	.117	.090	.069	30.055	30.052	30.063	30.074	.093	.109	.127	.135	.137	.140	.133	.097
„ 5,...	.129	.124	.119	.125	.125	.145	.171	.189	.202	.207	.197	.162	.127	.103	.093	.094	.102	.107	.123	.141	.162	.165	.147	.143	.142
„ 6,...	.138	.127	.107	.103	.114	.127	.139	.148	.168	.163	.139	.115	.066	.044	.030	.032	.041	.046	.054	.078	.090	.084	.078	.071	.096
„ 7,...	.056	.044	.034	.021	.029	.035	.056	.075	.094	.105	.096	.059	.025	.005	29.992	29.984	29.998	.016	.030	.042	.056	.064	.057	.056	.043
„ 8,...	.037	.029	.020	.022	.019	.021	.046	.075	.092	.085	.063	.037	.001	29.988	.979	.992	30.015	.020	.043	.056	.069	.076	.073	.075	.039
„ 9,...	.072	.070	.068	.071	.081	.090	.098	.111	.125	.131	.112	.082	.053	30.030	30.027	30.029	.034	.045	.057	.071	.074	.081	.075	.058	.073
„ 10,...	.044	.050	.033	.029	.033	.039	.063	.078	.095	.093	.073	.045	.009	29.994	29.992	29.991	29.998	.010	.016	.030	.044	.050	.066	.060	.039
„ 11,...	.043	.021	.054	.041	.039	.031	.001	.008	.022	.021	.022	29.988	29.955	.935	.931	.935	.931	29.944	29.953	29.949	29.950	29.948	29.949	29.955	29.984
„ 12,...	29.945	29.935	29.923	29.908	29.919	29.931	29.957	29.971	29.980	29.983	29.975	.946	.917	.893	.884	.889	.899	.903	.908	.926	.941	.955	.961	.965	.934
„ 13,...	.956	.953	.950	.950	.951	.960	.983	.992	30.007	30.003	.994	.965	.933	.917	.913	.911	.911	.918	.926	.937	.938	.948	.943	.954	.951
„ 14,...	.947	.966	.981	.991	30.001	30.014	30.024	30.036	.054	.060	30.048	30.030	.999	.985	.992	30.002	30.012	30.018	30.027	30.037	30.044	30.040	30.044	30.045	30.017
„ 15,...	30.057	30.060	30.069	30.083	.086	.091	.101	.109	.114	.102	.079	.055	30.035	30.021	30.018	.021	.036	.039	.047	.053	.052	.049	.044	.035	.061
„ 16,...	.035	.029	.028	.034	.034	.040	.042	.052	.050	.034	.008	29.965	29.941	29.940	†29.949	29.949	29.958	29.962	29.976	29.987	29.989	29.995	29.993	29.999	.000
„ 17,...	.001	29.992	29.992	.014	.012	.024	.049	.065	.080	.078	.058	30.036	30.012	.992	.994	30.008	30.037	30.058	30.082	30.092	30.104	30.111	30.111	30.112	.046
„ 18,...	.117	30.122	30.129	.138	.152	.172	.199	.217	.235	.231	.209	.173	.145	30.130	30.134	.150	.165	.185	.202	.220	.225	.222	.219	.225	.180
„ 19,...	.222	.217	.210	.203	.206	.210	.231	.259	.286	.292	.269	.232	.191	.169	.164	.170	.182	.180	.186	.198	.200	.197	.194	.196	.211
„ 20,...	.204	.194	.182	.175	.186	.198	.214	.233	.256	.247	.215	.186	.149	.118	.111	.109	.119	.135	.153	.163	.174	.173	.154	.150	.175
„ 21,...	.148	.138	.128	.138	.145	.159	.173	.188	.209	.214	.197	.161	.118	.091	.073	.069	.076	.100	.127	.149	.151	.148	.136	.139	.141
„ 22,...	.146	.139	.124	.125	.135	.138	.169	.196	.216	.217	.190	.170	.133	.096	.072	.076	.076	.096	.120	.135	.143	.139	.138	.141	.139
„ 23,...	.138	.132	.120	.107	.113	.118	.135	.146	.147	.138	.110	.075	.051	.024	.001	29.990	29.999	.028	.056	.082	.080	.099	.096	.090	.086
„ 24,...	.092	.104	.106	.108	.111	.123	.146	.160	.169	.171	.163	.139	.101	.080	.066	30.070	30.065	.074	.107	.125	.141	.154	.147	.139	.119
„ 25,..	.139	.137	.123	.108	.107	.130	.147	.150	.171	.188	.185	.162	.118	.084	.082	.086	.098	.110	.112	.142	.152	.151	.134	.145	.132
„ 26,...	.158	.156	.142	.137	.119	.118	.150	.163	.187	.187	.170	.153	.121	.101	.088	.089	.092	.105	.122	.147	.160	.165	.159	.160	.140
„ 27,...	.159	.149	.138	.122	.116	.138	.148	.151	.162	.162	.141	.114	.080	.056	.046	.049	.058	.070	.072	.081	.086	.093	.092	.095	.107
„ 28,...	.103	.096	.072	.062	.057	.062	.071	.084	.099	.097	.070	.033	29.995	29.970	29.956	29.954	29.965	29.977	29.990	.001	29.997	.001	29.997	29.994	.029
„ 29,...	29.995	29.992	29.975	29.976	29.976	29.993	.009	.039	.054	.063	.042	.020	.989	.976	.970	.972	.977	.976	.990	.006	30.007	29.998	30.000	.998	.000
„ 30,...	30.001	.991	.979	.976	.987	30.007	.019	.039	.049	.056	.040	.010	.997	.982	.978	.982	.989	.999	30.015	.031	.040	30.043	.042	30.035	.012
„ 31,...	.032	30.030	30.032	30.032	30.042	.050	.065	.094	.118	.119	.103	.070	30.057	30.028	30.015	30.032	30.056	30.070	.093	.106	.121	.124	.112	.102	.071
Means,.....	30.072	30.068	30.062	30.060	30.064	30.074	30.090	30.106	30.121	30.121	30.104	30.074	30.042	30.022	30.015	30.018	30.028	30.039	30.055	30.070	30.077	30.080	30.077	30.077	30.067

† Approximate reading.

TABLE II.

TEMPERATURE FOR THE MONTH OF JANUARY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	59.5	59.4	57.8	57.7	57.3	57.2	57.4	58.0	59.4	60.0	61.0	62.4	63.6	64.9	66.1	65.7	63.7	62.0	63.6	59.5	58.6	57.8	57.0	56.7	60.3	67.1	55.0
" 2,	54.8	54.6	55.5	55.9	55.5	55.0	55.0	57.2	59.2	59.8	60.3	61.0	60.9	60.9	60.6	59.0	58.6	57.6	57.6	55.8	54.6	53.6	51.7	49.8	56.9	62.6	49.3
" 3,	48.6	47.9	46.8	46.5	45.9	45.6	45.8	48.7	51.0	52.0	55.0	56.7	58.1	59.6	60.6	59.3	60.5	57.3	56.1	54.8	55.2	54.0	52.4	52.4	53.0	60.6	43.6
" 4,	52.5	52.1	51.7	51.5	51.6	50.4	51.6	53.6	58.2	58.0	61.6	60.4	62.6	62.9	62.0	62.0	61.9	59.2	58.4	58.6	58.7	58.6	56.3	55.8	57.1	62.9	48.2
" 5,	55.5	54.7	53.6	53.5	53.0	52.6	52.2	55.0	57.4	58.0	60.0	60.6	61.4	62.5	62.0	60.5	59.2	57.8	56.8	57.1	56.2	57.9	58.2	58.8	57.3	63.1	51.0
" 6,	58.2	58.1	57.5	57.1	56.9	57.8	57.3	57.6	58.6	60.1	59.9	60.6	62.0	61.5	61.4	62.4	60.5	59.9	59.7	60.0	60.1	59.9	59.7	59.7	59.4	63.0	56.6
" 7,	60.1	59.7	60.1	59.9	60.2	60.7	61.1	62.8	64.0	64.0	64.2	64.5	65.2	66.2	65.0	64.8	63.8	62.6	62.5	62.0	61.5	62.0	62.0	62.1	62.5	66.9	58.8
" 8,	62.0	62.2	61.6	61.3	60.5	60.1	59.6	59.7	60.4	61.9	62.0	62.1	63.6	63.0	63.2	62.9	62.6	61.5	61.6	62.3	62.9	62.6	62.6	62.6	61.9	63.6	58.8
" 9,	62.0	61.5	61.6	61.8	61.5	61.4	61.2	62.0	63.5	65.4	66.3	66.5	68.4	67.8	66.9	65.0	64.7	64.1	64.4	63.9	62.4	62.6	62.0	61.5	63.7	68.8	60.7
" 10,	60.9	61.1	61.5	61.6	62.0	62.4	63.2	66.7	67.3	69.2	70.6	71.5	70.4	66.4	64.3	63.9	62.6	62.6	62.5	61.0	60.9	60.0	60.1	61.1	63.9	71.9	58.9
" 11,	60.1	60.0	60.5	60.4	60.8	60.3	60.5	62.0	62.8	63.0	64.0	64.7	66.3	65.4	65.0	65.1	65.0	64.3	63.6	63.4	63.2	63.6	64.1	64.6	63.0	67.3	59.3
" 12,	65.0	65.4	64.9	64.6	64.4	64.5	64.1	64.3	65.6	65.7	65.9	64.6	64.4	69.5	69.6	71.7	69.8	66.7	65.2	64.1	65.2	63.8	65.0	64.9	65.8	72.6	62.4
" 13,	64.0	62.6	63.0	63.0	62.7	61.6	61.0	62.8	63.9	65.0	67.0	68.0	67.5	68.8	69.5	67.2	65.8	63.8	63.1	62.0	61.6	62.4	62.6	62.4	64.2	70.9	59.1
" 14,	62.5	61.5	61.0	61.1	62.0	61.5	60.2	60.8	61.6	62.7	62.8	62.1	62.3	62.0	61.8	61.2	61.3	61.1	60.8	60.6	60.6	59.8	59.4	59.4	61.3	63.2	58.7
" 15,	59.0	58.3	57.9	58.3	58.9	57.9	58.3	58.9	59.5	60.9	61.0	62.0	60.8	61.0	60.9	61.4	59.9	59.3	59.4	59.5	59.8	59.7	59.7	59.9	59.7	62.0	57.8
" 16,	59.4	59.3	60.0	59.2	59.3	59.2	59.1	59.9	61.8	62.0	63.0	62.1	63.8	63.5	63.4	63.0	62.9	60.7	60.3	60.0	59.7	60.0	59.6	59.7	60.9	64.1	58.4
" 17,	59.8	59.8	59.5	58.3	58.1	58.0	58.1	61.2	61.6	61.8	62.5	63.0	62.8	66.2	66.4	64.4	61.8	58.9	56.7	55.5	53.2	53.1	52.8	52.6	59.4	67.0	52.0
" 18,	53.1	53.3	52.8	52.4	52.2	51.7	51.6	52.6	54.8	56.0	58.2	59.8	62.0	62.5	63.0	61.0	60.6	58.6	57.5	57.7	56.3	55.6	54.1	54.5	56.3	63.0	51.0
" 19,	55.9	56.5	56.0	55.7	55.7	54.9	54.0	56.0	57.9	59.0	60.9	62.7	63.5	64.2	63.7	64.0	60.4	59.5	59.3	58.6	58.6	58.1	57.6	57.6	58.8	64.7	53.3
" 20,	58.0	55.9	55.1	55.3	54.0	54.0	53.6	54.6	54.8	56.4	58.1	59.1	62.1	63.6	63.0	62.0	61.0	60.1	59.4	59.3	59.6	59.2	59.6	59.6	58.2	64.5	52.5
" 21,	59.2	58.1	57.6	57.0	56.4	57.1	56.0	56.5	57.8	59.0	59.9	61.1	62.5	62.8	64.0	64.5	62.0	60.6	59.1	58.9	58.2	58.1	58.0	57.0	59.2	66.9	55.8
" 22,	57.1	56.0	54.3	53.7	53.7	54.2	53.1	53.6	55.5	56.9	57.4	59.2	61.0	61.9	63.1	62.8	59.5	58.7	58.0	57.5	57.3	56.6	55.1	53.6	57.1	64.8	52.3
" 23,	54.9	53.6	51.4	51.7	50.9	50.8	52.2	54.9	55.2	57.0	58.9	60.3	62.0	61.8	62.9	61.9	60.9	58.2	58.1	56.6	56.5	57.2	56.8	57.3	56.8	63.8	49.6
" 24,	58.1	58.3	57.4	57.0	55.4	54.3	53.8	54.9	56.5	59.0	60.4	60.9	62.0	62.8	62.0	61.0	59.4	57.6	56.3	55.6	54.0	53.2	52.5	52.3	57.3	64.4	51.7
" 25,	51.1	51.1	51.3	50.5	50.5	51.2	51.4	52.6	53.2	54.0	55.8	56.5	57.0	57.6	57.1	56.8	56.1	54.2	53.6	53.6	53.6	53.5	53.6	52.6	53.7	58.9	49.8
" 26,	52.0	51.4	50.8	50.6	50.8	52.9	50.5	52.9	55.2	58.2	59.0	59.9	59.0	60.2	61.0	61.4	59.2	57.3	56.5	56.5	56.5	56.3	56.4	56.8	55.9	61.4	49.8
" 27,	57.4	57.4	57.4	56.1	55.4	54.9	53.5	55.1	56.7	57.1	59.2	59.9	62.5	61.0	61.0	60.7	60.4	59.6	58.1	57.6	57.5	57.3	55.3	54.2	57.7	63.0	53.5
" 28,	52.9	52.1	52.0	51.6	50.7	50.0	49.5	50.9	51.4	53.7	55.0	58.7	60.2	60.7	60.8	62.2	61.3	59.2	58.1	58.1	58.3	57.1	56.6	55.6	55.7	63.1	48.3
" 29,	55.1	53.3	53.7	53.3	52.4	51.5	52.6	54.9	60.2	60.5	59.7	59.6	59.8	58.8	58.0	57.7	57.0	55.6	55.6	56.1	55.4	55.1	54.6	54.0	56.0	62.3	50.8
" 30,	54.1	54.2	55.2	55.1	55.0	54.8	55.1	56.9	58.2	59.0	59.1	60.5	61.0	60.2	60.0	59.9	58.6	57.5	57.2	57.3	57.1	57.5	57.6	57.6	57.4	61.4	53.4
" 31,	57.2	57.3	57.0	57.1	56.6	57.2	56.6	57.9	59.6	61.1	61.4	61.3	61.8	60.9	60.1	59.4	58.5	58.0	57.4	57.3	57.1	57.0	56.8	56.5	58.4	61.8	56.3
Means,	57.4	57.0	56.7	56.4	56.1	56.0	55.8	57.3	58.8	59.9	61.0	61.7	62.6	62.9	62.9	62.4	61.3	59.8	59.2	58.7	58.4	58.2	57.7	57.5	59.0	64.6	54.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF JANUARY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	56.3	55.8	55.1	54.6	54.3	53.6	53.2	53.7	54.3	54.9	55.0	56.0	56.5	57.8	58.0	57.2	57.0	56.3	54.7	54.3	53.6	53.0	52.5	51.9	55.0	130.0
„ 2, ...	51.3	50.3	50.9	51.1	50.4	50.2	49.8	51.2	52.6	52.3	51.4	52.0	52.1	52.0	51.0	51.0	50.5	50.4	48.7	47.8	46.7	46.0	45.3	43.9	50.0	117.3
„ 3, ...	43.7	42.3	41.6	41.8	41.6	41.4	40.5	41.9	43.0	44.0	46.0	47.0	48.8	49.9	51.0	50.2	53.0	50.8	50.4	48.4	47.4	46.3	45.3	45.3	45.9	116.5
„ 4, ...	46.9	46.0	45.6	45.4	45.0	44.7	44.7	45.8	48.3	48.3	50.0	50.0	50.4	50.6	49.1	48.2	47.7	46.4	46.6	45.2	45.1	44.7	44.2	43.7	46.8	119.4
„ 5, ...	43.5	42.8	42.5	42.4	42.2	42.3	42.0	44.0	45.0	45.7	47.0	47.3	49.0	50.0	50.2	49.9	51.7	50.6	50.0	49.6	50.0	51.2	52.6	53.2	47.3	117.2
„ 6, ...	52.6	52.6	52.2	52.0	52.4	52.4	51.4	52.0	52.0	52.3	52.7	52.9	51.0	50.9	51.0	50.4	51.0	50.9	53.2	54.2	55.4	55.5	55.9	56.1	52 6	125.5
„ 7, ...	55.9	55.7	55.6	55.7	54.9	55.1	54.1	55.0	55.0	55.2	55.1	55.4	56.0	56.6	56.3	56.2	57.6	56.4	55.9	56.0	57.3	58.1	58.7	58.8	56.1	127.4
„ 8, ...	58.9	59.0	58.9	58.3	57.5	57.2	56.6	56.7	56.7	57.8	57.9	58.0	58.5	58.2	58.5	58.6	59.1	59.2	58.7	59.9	60.4	60.1	60.7	59.9	58.6	121.6
„ 9, ...	59.0	59.0	59.2	59.2	58.9	58.6	58.5	59.0	59.2	60.0	60.0	60.1	60.5	60.7	61.4	60.0	60.0	59.6	59.8	59.8	59.4	59.8	59.7	58.9	59.6	129.8
„ 10, ...	59.0	58.7	58.7	59.0	59.0	58.7	58.3	59.9	59.4	60.6	60.9	61.0	61.0	60.5	60.3	59.9	59.6	59.6	59.6	59.1	59.8	58.8	58.3	58.4	59.5	129.7
„ 11, ...	57.9	58.0	58.2	58.2	58.4	58.5	58.3	58.6	58.7	58.7	59.0	60.0	60.4	60.0	60.3	60.3	60.4	60.3	60.6	59.7	59.9	59.9	60.2	60.9	59.4	119.2
„ 12, ...	61.3	63.2	63 2	63.3	63.2	63.3	62.7	63.5	64.7	64.2	64.3	63.1	63.0	65.0	64.6	65.0	64.8	62.4	62.3	61.4	62.0	61.7	61.2	60.6	63.1	124.8
„ 13, ...	59.2	58.1	56.7	56.5	56.3	56.3	56.3	58.0	58.1	58.7	59.9	60.1	59.6	60.0	60.4	59.7	58.9	60.0	59.6	58.8	58.7	59.0	59.4	61.0	58.7	121.4
„ 14, ...	60.0	58.8	58.2	57.2	58.2	56.8	54.4	55.0	56.0	56.9	56.4	56.0	55.8	55.5	54.8	54.2	54.1	54.4	56.5	56.2	56.4	56.2	55.7	55.1	56.2	112.8
„ 15, ...	55.7	55.7	55.8	55.8	55.7	55.1	54.6	54.8	55.0	55.5	55.4	55.8	55.0	55.2	55.6	55.7	56.3	55.4	55.4	55.9	55.7	55.6	55.9	56.3	55.5	117.3
„ 16, ...	56.1	55.8	56.4	56.3	56.5	56.4	56.4	56.7	58.6	57.2	57.2	56.0	57.8	58.2	58.0	58.0	58.3	57.4	57.2	57.4	57.5	57.1	57.3	57.2	57.1	117.8
„ 17, ...	57.3	57.4	57.1	56.8	56.9	56.8	56.8	58.5	57.5	56.0	56.0	56.6	56.5	56.4	56.2	54.4	52.7	51.3	49.8	48.7	47.2	47.1	46.9	47.2	54.1	124.4
„ 18, ...	47.7	47.4	47.3	47.3	46.4	46.0	46.4	47.0	48.4	48.9	50.0	51.4	53.0	53.4	53.2	53.0	53.2	52.7	52.2	52.7	48.2	49.4	48.0	48.4	49.7	121.8
„ 19, ...	49.5	50.0	49.8	49.5	49.2	48.7	47.8	48.5	49.8	50.3	51.0	52.0	53.8	54.8	54.7	55.0	53.6	54.0	54.2	53.7	54.5	54.7	54.2	54.5	52.0	118.5
„ 20, ...	54.5	51.3	50.3	48.3	47.6	47.9	47.0	48.3	48.4	48.8	50.2	51.2	53.1	54.0	54.5	53.0	53.0	53.5	53.2	53.1	51.5	52.0	51.0	51.5	51.1	111.5
„ 21, ...	50.6	50.5	50.5	51.0	50.7	50.9	49.8	49.6	50.5	51.0	51.7	52.3	53.2	53.5	54.0	55.0	54.5	54.4	53.2	53.3	53.9	55.0	54.6	52.0	52.3	120.8
„ 22, ...	50.4	49.4	49.0	48.0	47.8	47.7	47.7	47.8	48.9	49.3	50.7	51.3	52.3	53.4	54.0	53.7	52.5	53.0	52.7	52.8	50.7	49.9	49.9	48.9	50.5	117.4
„ 23, ...	48.5	47.9	47.0	46.6	46.1	45.9	46.0	48.4	48.5	49.0	48.4	49.8	50.2	50.9	51.6	51.7	52.1	51.0	51.7	51.4	52.6	52.4	52.6	53.9	49.8	114.8
„ 24, ...	54.5	54.4	51.6	51.4	48.8	47.3	46.7	46.7	47.6	49.0	49.0	49.2	49.0	49.0	49.2	48.6	48.7	47.3	47.0	46.4	46.0	45.3	45.0	45.3	48.5	124.2
„ 25, ...	45.4	45.1	45.2	45.2	46.1	46.4	46.2	47.3	47.7	47.5	49.2	49.8	49.0	49.0	48.5	48.2	48.4	46.3	46.0	46.7	46.7	46.8	47.5	46.7	47.1	93.6
„ 26, ...	46.8	46.2	45.9	45.6	46.2	47.1	46.1	47.7	48.0	50.0	50.1	51.3	50.7	51.8	52.1	52.4	52.7	51.7	51.2	51.5	50.0	49.6	52.0	52.4	49.5	115.0
„ 27, ...	53.6	52.9	52.8	51.9	51.6	51.4	50.1	51.7	52.0	52.3	53.1	53.0	53.5	53.0	52.9	53.6	52.4	51.6	51.4	50.5	50.2	50.5	49.7	48.7	51.8	114.9
„ 28, ...	48.3	47.7	47.3	46.8	46.0	45 4	45.5	45.0	45.1	45.7	45.8	46.7	46.9	46.7	46.7	48.1	46.4	46.1	45.5	45.2	43.5	43.5	43.6	43.1	45.9	119.0
„ 29, ...	42.9	42.6	41.6	41.3	41.4	41.7	43.0	44.8	46.6	47.7	45.3	45.4	46.6	46.5	46.7	47.0	47.0	46.8	46.7	47.9	47.4	47.5	47.3	49.0	45.4	117.0
„ 30, ...	48.4	48.9	49.7	50.3	50.3	50.9	50.0	50.1	50.0	50.1	50.0	48.8	49.5	51.4	52.3	52.0	52.7	53.3	53.1	53.5	53.4	53.7	53.8	52.1	51.2	115.5
„ 31, ...	53.6	53.6	53.1	51.9	51.6	51.7	52.1	52.4	52.5	53.9	54.3	53.8	54.0	53.9	54.1	54.4	54.4	54.3	54.3	54.5	54.5	54.3	54.2	54.0	53.6	123.4
Means, ...	52.5	52.2	51.8	51.6	51.3	51.2	50.7	51.6	52.2	52.6	53.0	53.3	53.8	54.2	54.2	54.0	54.0	53.5	53.3	53.1	52.8	52.7	52.7	52.5	52.7	119.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JANUARY, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	69	0.338	Jan. 1,.....	69	0.364
2 „	70	.335	„ 2,.....	58	.269
3 „	70	.328	„ 3,.....	53	.218
4 „	70	.326	„ 4,.....	40	.185
5 „	70	.322	„ 5,.....	41	.196
6 „	70	.321	„ 6,.....	61	.308
7 „	68	.310	„ 7,.....	64	.368
8 „	66	.314	„ 8,.....	81	.450
9 „	61	.310	„ 9,.....	78	.457
10 „	58	.307	„ 10,.....	75	.451
11 „	55	.304	„ 11,.....	80	.461
Noon.	53	.303	„ 12,.....	86	.543
1 p.	53	.305	„ 13,.....	70	.423
2 „	53	.313	„ 14,.....	71	.386
3 „	53	.312	„ 15,.....	75	.386
4 „	54	.313	„ 16,.....	78	.418
5 „	59	.328	„ 17,.....	69	.350
6 „	63	.333	„ 18,.....	59	.271
7 „	65	.336	„ 19,.....	60	.299
8 „	67	.337	„ 20,.....	58	.283
9 „	67	.333	„ 21,.....	59	.303
10 „	67	.333	„ 22,.....	60	.282
11 „	70	.339	„ 23,.....	58	.266
Midt.	70	.336	„ 24,.....	47	.226
			„ 25,.....	57	.238
			„ 26,.....	60	.272
			„ 27,.....	64	.309
			„ 28,.....	41	.182
			„ 29,.....	37	.166
			„ 30,.....	62	.296
			„ 31,.....	71	.349
Means,.....	63	0.322	Means.	63	0.322

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.
1899.														
January 1,.....	...	...	...	...	...	0.2	1.0	0.3	0.8	1.0	0.9	...	...	4.2
„ 2,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	...	8.8
„ 3,.....	...	0.3	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.9	...	...	8.8
„ 4,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.5
„ 5,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	9.0
„ 6,.....	...	...	...	0.1	...	0.1	0.6	0.4	...	...	...	...	...	1.2
„ 7,.....	...	...	0.4	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.0	0.3	...	8.5
„ 8,.....	...	...	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.0
„ 9,.....	...	...	...	0.1	1.0	1.0	1.0	0.5	...	...	0.5	0.2	...	4.3
„ 10,.....	...	...	0.7	0.4	0.9	1.0	1.0	1.0	1.0	0.7	0.3	...	...	7.0
„ 11,.....	...	...	0.7	0.8	0.8	1.0	0.8	0.9	0.5	...	...	...	...	5.5
„ 12,.....	...	...	...	...	...	...	...	0.4	1.0	1.0	1.0	0.3	...	3.7
„ 13,.....	...	0.2	1.0	1.0	1.0	0.6	0.4	0.7	1.0	1.0	1.0	0.3	...	8.2
„ 14,.....	...	...	...	...	...	...	...	0.2	0.2	...	...	...	...	0.4
„ 15,.....	...	...	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	...	7.8
„ 16,.....	...	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.1
„ 17,.....	...	...	0.9	0.1	...	...	...	0.1	1.0	1.0	1.0	0.3	...	4.4
„ 18,.....	...	...	...	...	...	...	0.9	1.0	1.0	1.0	1.0	0.3	...	5.2
„ 19,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
„ 20,.....	...	...	...	...	...	...	...	0.3	0.2	0.6	0.1	...	...	1.2
„ 21,.....	...	...	...	...	...	...	0.1	1.0	1.0	1.0	1.0	0.3	...	4.4
„ 22,.....	...	...	...	...	...	...	...	0.7	1.0	1.0	1.0	0.2	...	3.9
„ 23,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.3
„ 24,.....	...	...	...	...	0.8	1.0	0.7	0.7	1.0	1.0	0.9	...	...	6.1
„ 25,.....	...	...	...	...	...	...	...	0.1	...	0.3	0.4	...	...	0.8
„ 26,.....	...	...	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	8.6
„ 27,.....	...	...	0.3	...	0.4	0.2	0.4	1.0	1.0	1.0	0.8	...	...	5.1
„ 28,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.5
„ 29,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 30,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.4
„ 31,.....	...	...	0.9	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.7	...	...	8.3
Sums,.....	...	2.1	14.5	16.8	19.9	20.1	21.5	24.0	25.4	25.6	24.0	4.7	...	198.6

TABLE VI.

RAINFALL FOR THE MONTH OF JANUARY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	...	...	0.025	3
„ 11,	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
„ 12,	...	0.110	0.020	0.020	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.155	4
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.005	0.110	0.020	0.020	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	...	...	0.185	10

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JANUARY, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Jan. 1	5	15	5	18	7	19	6	18	6	13	5	14	5	16	8	15	7	20	6	22	7	22	8	12	10	9	6	5	23	7	22	3	19	2	25	7	28	2	27	2	30	4	26	8	26	11	27	12	276	11.5	5
" 2	27	10	...	1	4	2	30	4	29	4	29	5	27	5	7	4	28	8	26	7	32	6	27	10	26	13	28	23	27	18	25	21	27	13	28	12	30	13	32	10	31	7	31	5	31	7	31	11	219	9.1	28
" 3	32	10	32	14	32	12	32	17	1	18	1	8	28	9	32	13	2	8	2	2	22	6	25	4	14	2	21	5	22	5	24	4	21	3	19	4	17	2	1	2	2	6	1	4	31	4	32	7	169	7.0	31
" 4	32	2	...	1	...	1	1	6	32	4	32	11	1	16	2	8	5	3	4	2	31	7	24	8	25	6	32	12	1	10	2	10	32	7	1	10	1	8	32	13	1	17	32	13	32	14	32	19	208	8.7	32
" 5	32	21	32	19	32	19	32	15	32	13	1	10	32	13	2	6	3	4	6	13	7	13	9	16	11	12	10	10	10	10	9	11	9	12	8	11	8	9	8	7	...	1	7	7	6	11	6	18	281	11.7	5
" 6	6	19	6	16	7	17	7	18	6	13	7	11	4	14	6	14	7	18	6	13	9	14	8	16	8	16	10	17	8	11	10	10	9	12	10	13	9	18	7	16	7	19	6	20	7	20	7	20	372	15.5	7
" 7	7	17	8	21	7	17	7	19	7	20	6	10	7	15	6	14	7	21	8	19	8	28	7	24	8	23	8	22	9	26	7	23	7	22	8	15	10	14	9	14	7	16	7	11	7	17	6	22	450	18.7	7
" 8	6	34	6	33	7	31	7	30	7	36	7	41	6	43	7	39	7	44	7	40	7	43	7	36	6	36	8	35	8	30	8	28	7	19	7	17	7	16	6	13	6	7	10	9	8	9	7	15	684	28.5	7
" 9	7	17	7	19	7	20	8	18	8	20	7	17	8	14	9	15	8	19	8	19	9	23	9	26	10	18	9	14	9	11	8	14	8	8	8	12	8	8	8	6	8	2	8	2	8	3	6	3	328	13.7	8
" 10	6	2	8	2	...	1	...	1	6	3	7	2	7	3	6	4	7	11	6	12	7	20	8	18	9	25	9	31	7	25	7	29	6	34	7	33	7	33	7	35	7	35	7	34	7	24	5	19	436	18.2	7
" 11	7	21	8	20	7	21	8	22	9	18	7	19	8	21	7	27	7	27	7	23	7	24	9	17	9	20	8	17	9	15	9	14	9	15	9	9	10	4	6	10	9	12	9	11	8	10	9	9	406	16.9	8
" 12	9	14	8	11	8	9	9	12	11	10	10	3	24	3	24	2	...	1	23	4	24	11	27	11	23	10	19	6	25	4	21	3	23	7	22	6	...	0	...	1	22	2	25	5	31	9	3	6	150	6.3	22
" 13	1	6	28	5	1	10	3	11	2	9	32	8	23	2	20	2	23	5	24	2	14	3	23	3	27	4	24	8	25	8	25	8	26	4	25	4	...	1	6	5	9	8	9	10	7	4	7	3	133	5.5	31
" 14	7	12	7	24	7	22	3	11	4	11	6	18	7	13	9	12	6	11	4	14	7	13	9	18	9	16	9	17	10	17	7	15	8	13	7	14	7	20	7	19	6	18	6	22	7	19	7	23	392	16.3	7
" 15	7	24	7	21	7	20	7	14	6	13	8	18	8	19	8	20	7	21	7	23	6	27	7	25	7	23	9	20	9	17	10	16	10	21	8	19	7	17	8	19	7	18	6	19	6	21	7	25	480	20.0	7
" 16	7	23	7	22	5	14	7	13	8	13	8	14	8	14	7	17	7	18	7	23	8	29	7	27	7	22	9	19	9	21	9	16	9	13	9	15	9	10	9	12	8	13	8	10	8	11	7	13	402	16.7	8
" 17	7	10	7	7	7	5	7	4	7	3	...	1	32	2	32	5	8	6	32	13	1	6	31	10	31	11	32	13	32	14	32	16	32	13	1	13	1	10	1	8	31	9	30	4	31	9	...	1	193	8.0	1
" 18	32	6	32	9	32	4	32	3	32	8	32	10	32	8	32	7	32	5	32	3	22	6	21	9	23	11	23	10	20	9	23	9	22	10	21	4	14	6	7	6	2	5	...	0	32	4	32	9	161	6.7	28
" 19	32	5	2	10	32	14	1	10	1	11	1	11	1	13	2	8	4	5	7	5	5	11	32	14	24	9	24	12	25	10	25	9	25	10	25	5	25	2	12	7	11	11	8	12	5	10	7	8	222	9.3	1
" 20	4	7	32	10	32	16	1	24	32	24	1	7	1	7	1	8	32	6	32	4	28	8	24	9	22	5	22	6	25	8	22	6	23	5	28	7	28	8	28	2	2	6	..	1	4	6	3	5	195	8.1	31
" 21	2	6	2	4	32	6	32	6	31	9	32	8	2	11	3	9	2	9	3	2	27	2	1	4	17	4	24	8	23	7	21	7	20	7	20	4	10	9	8	10	6	14	7	17	6	9	32	12	184	7.7	3
" 22	2	15	1	11	32	7	32	13	32	8	1	10	31	5	32	6	32	7	...	1	15	3	20	5	15	4	10	13	11	7	25	8	25	4	32	2	...	0	12	6	5	7	3	6	1	7	1	7	162	6.7	2
" 23	1	14	1	12	1	5	31	5	28	6	5	2	32	11	31	10	28	3	1	3	25	6	21	9	23	8	23	12	23	7	7	2	10	5	31	3	29	10	29	5	29	3	9	7	9	6	7	9	163	6.8	30
" 24	8	13	7	16	1	7	5	6	1	7	32	9	32	7	32	7	32	10	32	11	32	16	32	12	1	11	32	14	1	14	32	13	32	14	1	16	1	12	1	15	32	15	2	11	1	14	5	8	278	11.6	1
" 25	...	1	32	2	32	3	30	2	...	1	29	3	29	7	4	18	4	15	4	17	4	14	31	12	6	8	6	8	4	7	5	7	32	10	1	13	32	7	31	5	32	3	32	5	3	7	32	6	181	7.5	2
" 26	32	3	3	4	32	4	32	7	6	4	4	10	32	8	2	5	32	5	8	2	11	5	23	6	24	9	24	13	23	10	25	11	23	11	21	7	25	4	20	4	9	5	4	11	7	16	7	17	181	7.5	31
" 27	3	10	4	8	4	11	3	6	5	8	6	8	6	2	...	0	6	7	6	7	10	5	24	8	20	9	24	11	25	14	24	16	27	16	27	17	27	16	28	23	28	19	25	14	28	17	28	15	267	11.1	28
" 28	28	17	28	16	27	13	27	12	28	14	31	10	31	5	1	9	1	12	32	8	32	9	32	11	30	8	32	7	32	9	31	6	4	8	2	8	1	9	32	9	32	12	32	13	1	17	32	15	257	10.7	31
" 29	1	15	1	7	32	20	32	10	2	8	1	2	1	3	...	1	11	2	5	7	8	15	11	16	10	17	8	20	9	18	9	17	10	14	10	8	10	9	9	9	9	7	9	11	9	10	7	10	256	10.7	7
" 30	7	8	8	8	6	13	7	17	7	15	7	18	7	15	6	18	7	18	7	21	7	25	7	27	8	27	8	27	9	23	8	19	8	20	7	21	7	20	7	24	7	23	7	29	7	31	7	35	502	20.9	7
" 31	7	35	7	32	7	29	7	28	7	24	7	26	7	28	7	31	7	25	7	22	8	26	9	26	9	19	9	20	9	24	9	21	9	17	9	15	8	17	8	18	8	14	8	14	7	17	7	14	542	22.6	8
Sums	...	412	...	403	...	392	...	382	...	368	...	344	...	352	...	354	...	371	...	364	...	446	...	449	...	415	...	455	...	416	...	392	...	369	...	344	...	314	...	335	...	338	...	345	...	374	...	396	9130	380.4	...
Means	...	13.3	...	13.0	...	12.6	...	12.3	...	11.9	...	11.1	...	11.4	...	11.4	...	12.0	...	11.7	...	14.4	...	14.5	...	13.4	...	14.7	...	13.4	...	12.6	...	11.9	...	11.1	...	10.1	...	10.8	...	10.9	...	11.1	...	12.1	...	12.8	294.5	12.3	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1899.												
Jan. 1, ...	10	nim.	SE	9	cum.	ESE	10	cum.	E	10	cum.	E
„ 2, ...	0	...	...	10	str-cum.	NNW	7	cum.	N	0	...	...
„ 3, ...	0	...	...	0	...	...	6	c-cum.	...	2	c-cum.	...
„ 4, ...	3	sm-cum.	ESE	0	...	...	0	...	...	0	...	...
„ 5, ...	0	...	...	0	...	...	6	c-cum.	...	1	c-cum.	WNW
„ 6, ...	10	str-cum.	...	10	cum.	...	8	sm-cum.	SSW	10	str-cum.	WSW
„ 7, ...	10	str-cum.	E	10	str-cum.	E	10	sm-cum.	WSW	3	sm-cum.	W
„ 8, ...	8	str-cum.	E	9	cum.	E	10	cum.	E	9	cum.	E
„ 9, ...	5	cum.	E	7	cum.	E	10	sm-cum. / cum.	E	8	sm-cum. / cum.	WSW / E
„ 10, ...	0	...	...	0	...	...	7	sm-cum.	SW	0	...	...
„ 11, ...	10	str-cum.	...	8	c-cum.	W	9	cum.	ENE	8	sm-cum. / cum.	SW / ESE
„ 12, ...	10	nim.	...	10	nim.	...	10	str.	...	10	str.	...
„ 13, ...	0	...	...	0	...	...	0	...	...	1	cum.	...
„ 14, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	ESE	9	str-cum.	ENE
„ 15, ...	10	nim.	...	10	nim.	...	10	cum.	E	6	sm-cum. / cum.	E
„ 16, ...	10	str-cum.	...	10	str-cum.	...	9	sm-cum. / cum.	WSW / ENE	1	sm-cum.	...
„ 17, ...	0	...	...	0	...	...	1	sm-cum.	...	10	str-cum.	NE
„ 18, ...	9	cum.	NNE	10	str-cum.	...	10	cum.	...	10	str-cum.	NE
„ 19, ...	10	str-cum.	...	10	str-cum.	...	4	sm-cum.	N	1	sm-cum.	...
„ 20, ...	5	cum.	E	8	cum.	E	5	sm-cum.	...	10	str-cum.	...
„ 21, ...	9	cum.	SE	10	str-cum.	...	10	str-cum.	...	10	sm-cum.	W
„ 22, ...	10	str-cum.	...	10	str-cum.	...	9	str-cum.	...	10	str-cum.	WSW
„ 23, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 24, ...	10	cum.	NNE	10	str-cum.	NNE	10	sm-cum.	W	10	sm-cum.	W
„ 25, ...	0	...	...	6	sm-cum. / cum.	ENE	10	str-cum.	WSW	10	str-cum.	WSW
„ 26, ...	10	cum.	WNW	6	sm-cum.	NW	7	sm-cum.	WNW	1	sm-cum.	W
„ 27, ...	10	cum.	E	0	...	...	1	cum.	...	9	cum.	ENE
„ 28, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 29, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 30, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 31, ...	0	...	...	0	...	...	1	sm-cum.	WNW	0	..	...
Means, ...	5.5	...	...	5.6	...	...	6.1	...	...	5.1	...	...

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	
1899.													
Jan. 1,...	7	sm-cum.	...	1	cum.	N	2	cum.	...	0	...	...	6.1
„ 2,...	2	sm-cum.	...	0	...	...	0	...	...	0	...	...	2.4
„ 3,...	2	c-cum. / sm-cum.	ESE / ..	0	...	...	0	...	...	3	cum.	...	1.6
„ 4,...	0	...	...	1	c-cum.	...	0	...	...	0	...	...	0.5
„ 5,...	1	c-cum.	...	0	...	...	0	...	...	6	cum.	...	1.7
„ 6,...	9	sm-cum.	...	10	str-cum.	E	8	str-cum.	...	10	str-cum.	...	9.4
„ 7,...	8	sm-cum.	SSW	1	sm-cum.	...	0	...	...	10	str-cum.	E	6.5
„ 8,...	5	cum.	E	1	cum.	...	9	str-cum.	...	8	cum.	...	7.4
„ 9,...	5	sm-cum.	WSW	9	sm-cum.	WSW	7	sm-cum.	...	6	sm-cum.	...	7.1
„ 10,...	1	sm-cum.	...	6	sm-cum. / cum.	WSW / E	10	cum.	E	10	nim.	E	4.3
„ 11,...	7	sm-cum. / cum.	SSW / ESE	10	str-cum.	ESE	10	str-cum.	...	10	str-cum.	...	9.0
„ 12,...	10	nim.	...	1	cum	NW	0	...	...	0	...	...	6.4
„ 13,...	6	cum.	ENE	0	...	...	0	...	...	5	sm-cum.	...	1.5
„ 14,...	10	sm-cum. / cum.	ESE	9	sm-cum. / cum.	ESE	10	str-cum.	...	8	str-cum.	ESE	9.5
„ 15,...	2	cum.	E	2	sm-cum.	...	2	cum.	...	8	sm-cum. / cum.	...	6.2
„ 16,...	0	...	...	1	c-cum.	...	0	...	...	0	...	...	3.9
„ 17,...	10	str-cum.	NNE	0	...	...	0	...	...	0	...	...	2.6
„ 18,...	2	cum.	...	0	...	...	0	...	...	0	...	...	5.1
„ 19,...	0	...	...	0	...	...	1	sm-cum.	...	0	...	...	3.2
„ 20,...	10	str-cum.	...	8	sm-cum. / cum.	SSW	8	sm-cum.	SSW	10	str-cum.	...	8.0
„ 21,...	6	sm-cum.	WSW	1	sm-cum.	...	0	...	...	9	c-cum. / cum.	SW / ..	6.9
„ 22,...	8	sm-cum.	SW	0	...	...	0	...	...	0	...	...	5.9
„ 23,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 24,...	6	sm-cum.	WNW	0	...	...	0	...	...	0	...	...	5.8
„ 25,...	10	sm-cum.	SW	9	sm-cum.	SW	7	sm-cum.	WNW	10	sm-cum.	NW	7.7
„ 26,...	0	...	...	0	...	...	0	...	...	0	...	...	3.0
„ 27,...	1	cum.	...	0	...	...	4	cum.	...	4	cum.	SW	3.6
„ 28,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 29,...	0	...	...	0	..	...	0	...	...	0	...	...	0.0
„ 30,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 31,...	3	sm-cum. / cum.	...	2	c-cum.	...	5	sm-cum.	...	7	sm-cum.	...	2.2
Means,...	4.2	...	...	2.3	...	...	2.7	...	...	4.0	...	...	4.4

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JANUARY, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	6.2	9.0	0.1	0.6	+ 6.1	+ 8.3	E 36° N
2 „	5.7	9.1	0.0	0.5	5.7	8.6	E 34° N
3 „	6.3	7.9	0.0	0.4	6.3	7.5	E 40° N
4 „	6.2	7.7	0.1	0.5	6.1	7.2	E 40° N
5 „	5.9	7.3	0.3	0.6	5.6	6.7	E 40° N
6 „	5.4	7.5	0.0	0.2	5.3	7.2	E 36° N
7 „	5.6	7.0	0.0	0.7	5.6	6.4	E 41° N
8 „	4.9	8.2	0.2	0.2	4.7	8.0	E 30° N
9 „	4.5	9.3	0.1	0.4	4.4	8.9	E 26° N
10 „	4.2	9.3	0.0	0.4	4.2	8.9	E 25° N
11 „	3.5	11.3	0.7	1.2	2.8	10.1	E 16° N
Noon.	3.3	9.6	1.5	2.5	+ 1.9	7.2	E 15° N
1 p.	2.0	9.2	2.1	2.7	− 0.1	6.5	E 1° S
2 „	2.2	9.4	1.7	3.3	+ 0.4	6.0	E 4° N
3 „	2.5	8.5	1.9	3.3	0.6	5.2	E 7° N
4 „	2.4	7.8	1.2	3.4	1.2	4.5	E 15° N
5 „	3.0	7.3	1.5	2.6	1.5	4.6	E 18° N
6 „	3.4	6.9	1.0	2.1	2.4	4.8	E 27° N
7 „	3.3	6.8	0.9	1.2	2.5	5.6	E 24° N
8 „	3.7	7.5	0.6	0.8	3.1	6.7	E 25° N
9 „	4.5	7.5	0.4	0.7	4.1	6.7	E 31° N
10 „	3.7	8.2	0.3	0.9	3.4	7.2	E 25° N
11 „	5.2	8.3	0.1	0.9	5.1	7.4	E 35° N
Midt.	5.9	8.7	0.1	0.7	+ 5.8	+ 8.0	E 36° N
Means,.....	4.3	8.3	0.6	1.3	+ 3.70	+ 7.01	E 28° N

PHENOMENA:—

Fog:—on the 12th and 18th.

Slight fog:—on the 10th, 17th and 19th.

Haze:—on the 27th and 29th.

Dew:—on the 4th.

TABLE 1.

BAROMETRIC PRESSURE FOR THE MONTH OF FEBRUARY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	30.085	30.081	30.084	30.078	30.074	30.079	30.085	30.115	30.144	30.136	30.120	30.096	30.056	30.026	30.024	30.032	30.046	30.061	30.082	30.090	30.097	30.100	30.092	30.099	30.083
" 2,...	.094	.092	.085	.080	.097	.097	.099	.118	.144	.154	.130	.109	.079	.081	.065	.072	.088	.112	.117	.137	.156	.160	.156	.129	.110
" 3,...	.125	.117	.116	.121	.133	.157	.169	.161	.183	.177	.152	.124	.085	.059	.049	.065	.079	.098	.114	.134	.150	.155	.152	.149	.126
" 4,...	.149	.147	.137	.135	.140	.129	.179	.201	.221	.227	.202	.170	.133	.102	.080	.067	.083	.118	.145	.165	.178	.185	.188	.181	.153
" 5,...	.180	.178	.180	.176	.186	.201	.232	.262	.277	.283	.255	.235	.195	.162	.153	.147	.147	.162	.170	.182	.198	.189	.193	.183	.197
" 6,...	.185	.166	.156	.166	.163	.188	.205	.222	.247	.256	.241	.200	.160	.131	.124	.123	.124	.145	.161	.181	.201	.213	.219	.221	.183
" 7,...	.213	.203	.186	.187	.185	.188	.204	.213	.219	.225	.206	.172	.142	.116	.092	.091	.093	.099	.108	.127	.131	.144	.145	.134	.159
" 8,...	.134	.126	.106	.095	.093	.102	.122	.127	.143	.146	.136	.111	.082	.070	.064	.060	.065	.069	.077	.089	.094	.104	.102	.096	.101
" 9,...	.093	.076	.061	.052	.053	.056	.064	.090	.116	.118	.114	.099	.067	.038	.025	.019	.016	.019	.016	.026	.029	.034	.031	.033	.056
" 10,...	.021	.017	.001	29.994	29.996	.009	.020	.026	.036	.035	.020	29.994	29.963	29.936	29.920	29.912	29.918	29.918	29.927	29.946	29.962	29.976	29.979	29.974	29.979
" 11,...	29.970	29.965	29.956	.949	.946	29.961	29.981	29.996	.012	.016	29.991	.977	.957	.940	.918	.914	.915	.928	.939	.968	.981	30.001	30.013	30.021	.967
" 12,...	30.022	30.019	30.009	30.006	30.031	30.059	30.076	30.100	.124	.126	30.114	30.092	30.063	30.027	30.009	.998	30.018	30.029	30.045	30.062	30.075	.082	.072	.073	30.055
" 13,...	.062	.047	.017	.010	.014	.021	.042	.046	.056	.057	.038	.018	29.989	29.959	29.941	.947	29.946	29.966	29.962	29.973	29.987	29.991	29.997	29.991	.003
" 14,...	29.982	29.959	29.948	29.929	29.933	29.942	29.948	29.959	29.960	29.958	29.935	29.908	.885	.845	.827	.833	.850	.843	.865	.870	.892	.893	.883	.879	29.905
" 15,...	.883	.872	.849	.838	.849	.865	.888	.893	.910	.910	.895	.868	.835	.815	.785	.781	.792	.800	.812	.829	.855	.857	.856	.869	.850
" 16,...	.872	.873	.875	.877	.850	.875	.891	.898	.898	.905	.911	.885	.856	.833	.822	.826	.839	.865	.893	.902	.914	.921	.915	.908	.880
" 17,...	.905	.881	.876	.876	.891	.884	.899	.908	.908	.908	.900	.889	.867	.830	.839	.842	.856	.874	.882	.898	.899	.916	.914	.905	.885
" 18,...	.911	.920	.931	.920	.912	.923	.924	.946	.963	.967	.954	.931	.909	.879	.868	.859	.868	.863	.876	.896	.906	.956	.896	.973	.915
" 19,...	.946	.922	.896	.885	.899	.890	.901	.902	.915	.906	.887	.863	.836	.809	.796	.790	.795	.792	.774	.772	.780	.804	.813	.848	.851
" 20,...	.810	.795	.774	.780	.787	.794	.799	.803	.819	.851	.830	.824	.794	.777	.759	.758	.770	.789	.798	.809	.821	.838	.845	.841	.803
" 21,...	.833	.831	.818	.802	.817	.807	.841	.853	.889	.900	.880	.873	.837	.812	.792	.792	.820	.837	.843	.861	.874	.895	.901	.905	.846
" 22,...	.904	.898	.898	.890	.894	.918	.944	.950	.975	.970	.967	.941	.916	.885	.865	.868	.892	.909	.933	.957	.977	.988	.994	30.002	.931
" 23,...	.997	.989	.986	.989	.991	30.003	30.041	30.069	30.075	30.075	30.067	30.033	30.001	.965	.953	.949	.935	.950	.979	30.000	30.023	30.038	30.037	.035	30.008
" 24,...	30.011	30.004	.986	.965	.959	29.971	29.977	29.977	29.984	29.972	29.952	29.923	29.913	.882	.847	.865	.876	.869	.864	29.878	29.896	29.901	29.911	29.900	29.928
" 25,...	29.883	29.884	.861	.861	.859	.873	.885	.901	.924	.929	.914	.886	.860	.835	.820	.829	.842	.850	.849	.867	.878	.898	.912	.915	.876
" 26,...	.904	.881	.874	.871	.873	.896	.895	.920	.938	.926	.916	.920	.893	.868	.851	.856	.866	.892	.885	.901	.915	.926	.924	.922	.896
" 27,...	.926	.921	.921	.916	.918	.930	.944	.957	.970	.971	.967	.962	.931	.902	.889	.886	.885	.891	.893	.903	.915	.927	.935	.942	.925
" 28,...	.940	.931	.927	.923	.921	.930	.959	.971	.992	.980	.972	.958	.946	.918	.898	.885	.891	.897	.894	.906	.920	.921	.926	.930	.931
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	30.001	29.993	29.983	29.978	29.981	29.991	30.008	30.021	30.037	30.039	30.024	30.002	29.973	29.946	29.931	29.931	29.940	29.952	29.961	29.976	29.989	30.000	30.000	30.002	29.986

TABLE II.

TEMPERATURE FOR THE MONTH OF FEBRUARY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	56.5	56.4	56.7	56.4	55.8	56.4	55.5	57.0	59.0	59.8	61.4	61.8	61.4	61.0	60.9	60.2	59.3	57.6	57.2	56.6	56.5	56.3	56.6	56.4	58.0	62.4	54.5
" 2,	56.3	56.3	56.0	55.9	55.8	55.6	56.4	56.3	56.9	57.9	59.3	60.5	60.8	60.4	59.9	59.4	57.5	56.5	54.4	54.4	54.5	55.3	55.4	55.5	57.0	62.8	53.7
" 3,	55.6	55.5	54.1	53.2	52.9	53.6	54.2	56.0	57.0	59.0	61.0	62.5	63.0	63.2	63.7	64.0	60.4	58.2	57.3	56.5	55.0	54.1	53.8	53.6	57.4	64.0	52.9
" 4,	54.4	54.9	54.6	54.1	53.9	54.7	54.5	56.3	58.2	59.0	61.4	60.0	61.8	61.0	60.7	59.4	58.1	57.0	56.5	55.0	54.8	54.1	54.6	52.9	56.7	63.2	51.1
" 5,	53.2	51.8	51.2	52.0	51.5	52.4	52.1	53.9	54.3	54.3	59.1	56.6	59.5	59.6	59.7	59.8	57.5	55.6	54.9	53.7	53.6	53.7	53.3	53.2	54.9	61.0	49.3
" 6,	53.0	53.4	53.2	50.9	50.3	50.0	49.9	52.9	55.3	57.0	58.9	61.0	59.5	58.8	57.5	56.9	56.1	55.0	54.8	54.6	54.6	54.4	53.3	52.9	54.8	61.0	47.6
" 7,	52.7	52.6	53.2	52.2	52.0	52.7	53.0	56.2	58.8	62.8	64.7	65.0	64.0	63.4	62.8	61.7	61.1	59.3	58.7	58.0	58.6	58.8	57.2	56.8	58.2	66.4	51.3
" 8,	56.7	57.2	57.6	57.7	58.3	59.0	59.6	61.7	63.7	65.4	66.7	67.3	68.2	66.0	65.3	64.4	62.8	62.0	61.3	60.6	60.4	59.8	59.4	60.3	61.7	69.2	56.5
" 9,	59.8	60.2	59.5	59.8	60.1	60.5	60.7	61.4	61.9	62.7	62.9	62.9	61.8	61.1	61.6	61.8	61.7	60.6	60.2	60.5	60.3	60.3	59.5	59.3	60.9	62.9	58.5
" 10,	59.1	59.1	58.9	58.8	59.0	59.2	59.7	61.4	60.7	62.4	65.7	65.0	65.2	64.2	65.4	65.2	64.1	62.5	61.6	60.9	61.6	61.7	61.6	62.0	61.9	66.5	58.5
" 11,	62.2	62.2	62.7	62.7	63.3	63.6	64.2	65.8	67.3	70.3	74.5	72.0	71.9	71.8	70.9	70.3	69.3	67.0	66.7	65.7	64.6	62.6	61.1	60.8	66.4	74.5	60.8
" 12,	60.2	59.8	58.7	58.0	57.8	57.1	57.3	57.6	57.0	57.4	58.4	58.6	60.6	62.1	61.7	61.0	60.3	59.3	59.3	59.2	59.1	58.6	58.4	58.2	59.0	64.1	56.5
" 13,	57.4	57.1	57.6	57.0	56.8	57.0	57.2	58.4	59.9	60.7	62.7	63.4	63.2	64.5	64.2	62.8	60.6	60.5	61.3	61.1	60.7	60.0	59.8	59.6	60.1	65.0	56.3
" 14,	59.6	60.7	61.4	60.9	61.1	61.3	61.5	62.3	63.9	64.0	65.6	64.4	65.0	65.1	64.6	63.0	62.1	61.7	61.9	60.8	60.6	60.8	60.6	59.8	62.2	67.1	59.0
" 15,	59.9	59.9	59.6	60.4	60.5	60.4	60.8	62.1	64.0	63.6	66.6	67.8	68.4	70.1	71.3	71.0	70.1	65.1	62.8	62.0	61.9	61.3	61.9	61.4	63.9	72.8	58.8
" 16,	61.0	60.0	59.8	59.8	59.7	60.1	62.1	62.3	62.2	61.7	60.9	61.2	61.0	61.5	61.3	60.6	60.5	60.3	59.8	59.9	58.4	57.8	58.5	59.4	60.4	63.4	57.3
" 17,	59.1	58.9	59.0	59.1	58.7	57.9	57.9	57.6	57.7	58.0	58.4	58.4	58.6	58.7	59.6	59.1	57.3	56.6	56.5	56.2	55.3	55.0	55.2	54.8	57.7	59.6	54.1
" 18,	53.2	52.2	52.4	51.9	51.3	51.8	51.2	53.6	55.8	55.9	57.3	59.1	58.6	58.9	59.1	58.6	58.1	57.6	57.6	57.2	57.7	56.5	54.2	53.1	55.5	59.8	49.8
" 19,	53.4	53.9	52.9	53.0	53.7	53.9	54.4	54.6	54.5	53.8	54.6	55.6	55.2	55.5	55.3	55.2	55.1	54.8	54.6	54.9	54.2	55.9	55.8	55.7	54.6	56.7	52.7
" 20,	55.6	55.0	55.7	55.5	56.0	57.0	57.5	58.1	58.4	58.6	58.4	58.5	58.7	58.9	58.8	58.7	58.6	58.9	58.4	58.3	58.3	58.2	57.5	57.2	57.7	58.9	55.0
" 21,	57.7	57.7	57.6	57.4	57.6	56.8	57.2	57.6	56.9	56.8	58.4	57.3	57.1	57.2	57.3	57.0	55.6	56.3	56.8	57.4	56.6	56.4	55.6	55.4	57.0	58.9	55.4
" 22,	54.7	53.8	52.9	52.6	52.6	52.6	52.8	54.0	56.0	58.0	58.8	61.2	62.8	66.2	65.2	65.8	64.6	61.6	59.5	59.0	58.6	57.2	55.5	55.2	58.0	67.0	50.3
" 23,	56.1	56.0	55.3	55.2	53.6	53.0	53.8	57.4	59.7	59.8	62.3	64.6	64.9	63.6	63.0	60.2	59.0	58.5	57.4	56.6	55.8	55.4	54.4	54.8	57.9	65.7	51.0
" 24,	54.8	53.9	54.7	55.9	56.7	56.7	58.0	59.3	60.5	60.0	59.6	60.1	60.9	60.2	61.8	59.9	59.8	59.7	60.2	60.3	60.2	60.3	60.0	60.0	58.9	61.3	53.3
" 25,	60.1	60.2	60.1	60.1	60.0	59.9	60.5	60.1	60.6	61.1	62.0	62.6	62.5	63.2	62.5	61.6	61.2	61.0	61.5	61.2	61.4	61.8	62.4	62.6	61.3	63.6	59.9
" 26,	63.0	63.0	62.9	62.5	61.7	61.0	60.9	60.9	61.3	61.9	61.7	62.6	63.8	64.1	63.6	63.6	63.3	63.6	63.4	63.3	63.4	63.6	63.6	63.8	62.8	64.5	60.2
" 27,	64.1	64.4	64.9	65.2	65.2	64.6	64.7	66.5	67.6	69.2	68.3	69.7	69.1	70.0	69.8	69.4	68.6	67.6	66.5	66.0	65.8	64.6	65.2	65.0	66.7	71.0	63.7
" 28,	65.2	65.1	65.1	64.7	65.0	65.1	65.6	66.5	67.6	69.0	70.0	70.1	71.5	71.0	70.5	69.4	69.0	69.0	67.8	67.0	67.1	66.6	66.8	66.4	67.5	72.8	64.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	57.7	57.5	57.4	57.2	57.2	57.3	57.6	58.8	59.9	60.7	62.1	62.5	62.8	62.9	62.8	62.1	61.1	60.1	59.6	59.2	58.9	58.6	58.3	58.1	59.6	64.5	55.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF FEBRUARY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	53.3	53.2	53.0	51.5	50.4	49.3	49.5	51.0	53.1	53.0	54.2	54.2	54.0	54.0	54.1	53.8	53.9	53.3	53.1	52.8	52.5	52.2	52.5	52.3	52.7	115.0
„ 2, ...	52.2	52.3	52.1	51.6	51.5	52.0	51.3	51.4	51.7	52.1	52.0	52.8	52.0	51.4	50.2	50.6	49.6	49.2	49.2	49.6	49.4	49.5	48.8	48.5	50.9	114.9
„ 3, ...	48.4	48.3	49.0	48.1	48.2	47.3	47.4	47.0	47.1	48.5	49.6	50.0	49.5	49.2	48.5	48.0	50.5	51.0	50.3	50.5	49.3	49.4	48.8	48.7	48.9	121.5
„ 4, ...	48.8	48.6	46.1	42.9	41.4	40.7	40.9	42.7	44.1	43.7	44.8	45.0	45.0	45.7	46.7	47.8	46.9	47.3	47.2	48.1	49.5	49.2	49.2	48.8	45.9	120.0
„ 5, ...	48.7	47.1	45.2	40.7	40.0	40.7	40.9	42.1	43.5	42.7	45.9	44.4	45.1	45.0	45.8	46.2	46.9	45.6	45.9	45.8	46.5	47.1	47.4	46.5	44.8	120.7
„ 6, ...	46.8	46.9	47.2	45.3	44.0	41.7	43.0	45.5	46.3	48.0	48.1	48.0	49.1	47.9	47.2	47.6	47.7	47.3	48.2	48.4	48.7	48.9	48.6	48.6	47.0	115.0
„ 7, ...	49.0	48.7	49.1	49.5	49.2	49.3	51.1	52.4	53.4	51.7	52.4	50.0	52.0	51.9	51.6	50.1	48.6	48.4	47.8	48.2	48.6	48.8	50.0	50.8	50.1	118.9
„ 8, ...	50.2	49.4	48.5	47.4	46.9	46.5	47.6	48.1	50.0	50.8	51.0	52.0	51.3	51.2	50.7	50.9	49.8	49.8	50.2	51.4	52.2	53.3	53.9	54.7	50.3	123.7
„ 9, ...	54.2	53.6	51.8	50.4	50.2	50.0	51.1	51.9	53.4	54.8	54.0	54.3	53.0	56.0	56.4	56.4	55.6	56.0	56.0	56.0	56.1	56.2	56.3	56.2	54.2	118.5
„ 10, ...	56.5	56.6	56.7	56.1	55.3	55.7	55.6	56.4	56.7	57.2	58.0	58.1	58.1	58.1	58.5	59.2	58.5	57.5	57.1	57.3	57.2	57.7	58.6	58.9	57.3	132.3
„ 11, ...	59.1	59.1	59.6	60.1	59.9	59.8	60.1	61.4	62.7	62.9	65.3	64.6	63.2	64.0	63.7	63.5	63.7	62.5	62.2	62.3	62.3	60.5	60.6	59.4	61.8	134.4
„ 12, ...	58.4	57.7	56.6	55.6	55.3	55.0	55.2	55.4	55.3	55.4	55.7	55.7	56.5	57.2	57.4	57.1	56.4	56.4	56.5	56.3	56.4	56.2	55.3	54.9	56.2	119.2
„ 13, ...	54.8	54.6	54.5	54.4	54.3	54.4	54.5	54.7	55.6	56.4	56.8	56.9	57.9	57.6	57.8	57.3	56.4	55.6	56.5	56.3	57.0	57.1	56.8	57.1	56.1	114.4
„ 14, ...	56.9	57.2	57.8	57.9	58.3	58.6	59.4	59.9	60.5	61.5	61.8	60.9	61.0	61.3	60.7	60.0	59.2	60.0	60.4	60.4	60.1	60.3	59.7	59.1	59.7	119.9
„ 15, ...	59.3	59.3	59.6	60.0	60.3	60.2	60.5	61.6	62.4	61.6	63.0	62.7	62.7	63.0	63.6	63.0	63.9	62.3	61.2	60.8	60.9	60.3	60.5	60.2	61.4	125.0
„ 16, ...	60.0	59.4	59.0	58.8	58.6	58.7	58.9	58.7	57.9	58.0	57.9	57.4	56.7	56.5	56.7	56.2	56.5	56.6	56.7	56.7	55.8	56.2	55.8	55.6	57.5	112.8
„ 17, ...	55.9	56.0	56.1	55.9	55.9	56.0	55.7	56.2	56.6	56.6	56.9	57.4	57.7	58.0	59.0	58.5	56.2	55.3	54.8	54.0	52.5	51.8	51.8	50.6	55.6	78.3
„ 18, ...	50.3	50.1	50.4	48.6	48.6	47.8	47.6	49.4	50.7	50.3	51.4	52.2	51.9	52.5	52.2	52.5	52.7	51.7	51.8	51.3	51.2	51.8	51.0	51.8	50.8	96.6
„ 19, ...	50.8	50.4	50.7	51.0	51.1	51.7	52.2	52.6	52.7	52.0	52.6	52.7	52.6	52.7	52.3	53.0	53.6	53.6	53.5	54.3	54.1	54.8	54.5	54.4	52.7	76.1
„ 20, ...	53.9	54.1	54.5	55.0	55.0	55.5	55.9	56.3	56.5	57.2	57.0	57.0	58.0	58.3	58.4	57.7	58.0	58.3	57.5	57.4	57.3	57.5	57.1	56.8	56.7	77.9
„ 21, ...	57.1	56.7	56.7	56.5	56.5	55.8	55.8	56.3	55.3	55.3	56.5	54.7	54.2	54.3	54.6	54.0	53.7	53.7	53.9	53.5	53.4	52.6	51.5	50.8	54.7	77.0
„ 22, ...	51.0	50.3	50.0	49.6	49.3	48.9	48.6	49.8	49.7	51.0	51.2	52.7	53.0	55.0	54.2	54.8	54.7	53.0	52.0	50.6	50.2	50.0	49.6	48.4	51.1	132.8
„ 23, ...	48.7	47.8	48.0	47.2	46.9	46.4	46.9	50.1	50.2	51.5	53.5	54.7	54.1	54.3	53.3	52.0	52.8	53.0	52.3	51.7	52.2	51.0	51.3	51.2	50.9	120.6
„ 24, ...	50.8	50.4	50.4	50.5	50.5	50.1	51.4	51.6	51.7	52.3	53.7	54.0	53.4	52.5	54.2	53.7	53.4	54.2	54.1	53.1	53.6	53.0	54.2	54.7	52.6	116.9
„ 25, ...	55.2	55.6	56.3	56.6	57.0	57.5	57.6	58.0	58.3	58.7	59.3	59.4	59.0	59.6	59.5	59.0	58.5	58.6	59.4	59.1	59.0	58.7	58.6	58.6	58.2	119.0
„ 26, ...	59.2	59.3	59.5	59.2	58.8	58.2	57.7	58.3	58.7	59.4	59.5	59.5	60.4	60.7	60.5	60.7	60.6	60.7	60.9	61.2	61.5	61.7	61.7	61.8	60.0	104.4
„ 27, ...	62.1	62.2	62.6	62.8	62.9	62.6	62.6	63.5	63.9	64.6	64.7	65.7	65.2	66.0	65.8	65.3	65.5	64.7	64.6	64.6	64.5	64.0	64.4	64.2	64.1	138.9
„ 28, ...	64.5	64.5	64.4	64.1	64.2	64.3	64.4	64.7	65.6	66.0	66.7	66.7	67.7	67.2	67.0	66.0	66.3	66.3	66.2	65.6	65.6	65.4	64.7	64.6	65.5	136.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	54.1	53.9	53.8	53.1	52.9	52.7	53.0	53.8	54.4	54.8	55.5	55.5	55.5	55.8	55.7	55.5	55.3	55.1	55.0	54.9	54.9	54.8	54.8	54.6	54.6	114.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEAUS VAPOUR FOR THE MONTH OF FEBRUARY, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	77	0.379	Feb. 1,.....	68	0.330
2 „	77	.376	„ 2,.....	63	.298
3 „	77	.375	„ 3,.....	49	.236
4 „	73	.358	„ 4,.....	37	.168
5 „	72	.353	„ 5,.....	39	.165
6 „	71	.345	„ 6,.....	51	.221
7 „	71	.350	„ 7,.....	52	.256
8 „	69	.357	„ 8,.....	38	.215
9 „	67	.360	„ 9,.....	62	.334
10 „	65	.360	„ 10,.....	74	.411
11 „	62	.362	„ 11,.....	76	.493
Noon.	60	.356	„ 12,.....	83	.416
1 p.	59	.352	„ 13,.....	76	.399
2 „	61	.360	„ 14,.....	86	.481
3 „	61	.358	„ 15,.....	86	.513
4 „	62	.362	„ 16,.....	83	.437
5 „	66	.369	„ 17,.....	87	.416
6 „	70	.377	„ 18,.....	70	.310
7 „	72	.380	„ 19,.....	88	.374
8 „	73	.382	„ 20,.....	94	.448
9 „	75	.386	„ 21,.....	85	.400
10 „	76	.388	„ 22,.....	59	.286
11 „	78	.392	„ 23,.....	58	.282
Midt.	78	.389	„ 24,.....	63	.314
			„ 25,.....	82	.446
			„ 26,.....	84	.482
			„ 27,.....	86	.565
			„ 28,.....	89	.603
			.....	...	...
			.....	...	...
			.....	...	...
Means,.....	70	0.368	Means.	70	0.368

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.
1899.														
February 1,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	9.0
„ 2,.....	...	...	...	...	...	...	0.4	0.7	...	...	...	...	...	1.1
„ 3,.....	...	...	0.7	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.3
„ 4,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.6
„ 5,.....	...	0.1	0.3	...	0.3	0.7	0.2	1.0	1.0	1.0	0.9	...	...	5.5
„ 6, ...	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.2
„ 7,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	9.1
„ 8,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	...	9.0
„ 9,.....	...	...	0.2	0.5	0.7	0.8	0.9	0.6	0.8	1.0	1.0	0.4	...	6.9
„ 10,.....	...	...	0.3	0.1	0.5	0.9	1.0	1.0	0.9	1.0	1.0	0.2	...	6.9
„ 11,.....	...	...	...	0.2	0.8	0.9	1.0	0.8	1.0	1.0	1.0	0.5	...	7.2
„ 12,.....	...	...	...	...	...	...	...	0.7	1.0	1.0	0.9	...	...	3.6
„ 13,.....	...	...	0.1	0.2	...	...	0.2	0.1	0.3	...	...	...	...	0.9
„ 14,.....	...	...	0.4	0.8	0.7	0.5	...	0.2	0.3	...	...	...	...	2.9
„ 15,.....	...	...	...	0.2	...	0.9	1.0	1.0	1.0	1.0	1.0	0.5	...	6.6
„ 16,.....	...	0.3	0.8	1.0	0.7	...	...	...	0.4	0.2	...	...	...	3.4
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	0.3	...	...	...	...	...	...	...	...	...	...	0.3
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.9
„ 23,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.6	0.2	...	8.9
„ 24,.....	...	0.1	0.2	0.2	...	...	...	...	...	0.3	...	...	...	0.8
„ 25,.....	...	...	...	0.1	0.1	0.6	1.0	0.9	0.4	...	...	...	...	3.1
„ 26,.....	...	...	...	...	...	...	...	...	0.1	...	...	...	...	0.1
„ 27,.....	...	...	0.7	1.0	0.7	1.0	0.8	1.0	1.0	1.0	1.0	...	...	8.2
„ 28,.....	...	...	...	0.3	1.0	1.0	1.0	0.8	0.3	0.8	0.7	...	...	5.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	2.4	11.0	12.0	13.5	15.3	15.5	16.8	16.4	16.0	14.6	2.9	...	136.4

TABLE VI.

RAINFALL FOR THE MONTH OF FEBRUARY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	0.010	2
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	1
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
„ 15,	...	0.005	...	...	0.025	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	6
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 17,	...	...	...	...	...	...	...	...	...	0.005	...	...	0.035	0.055	0.035	0.005	0.015	0.005	0.005	...	...	...	...	...	0.160	13
„ 18,	0.040	0.015	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.200	0.010	0.210	0.490	6
„ 19,	...	...	0.155	0.155	0.040	...	...	...	0.035	0.020	...	...	...	...	...	...	...	...	...	0.010	0.025	0.015	0.055	0.065	0.575	12
„ 20,	0.045	...	0.050	0.190	0.005	0.045	...	...	0.075	0.020	0.150	0.220	0.015	...	0.015	...	0.055	0.010	...	...	...	...	...	0.005	0.900	15
„ 21,	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.010	...	...	...	...	...	...	0.030	5
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Sums,	0.090	0.025	0.205	0.360	0.070	0.050	...	...	0.110	0.045	0.150	0.220	0.050	0.055	0.050	0.005	0.080	0.025	0.015	0.010	0.025	0.215	0.065	0.285	2.205	72

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF FEBRUARY, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Feb. 1.	7	16	5	9	6	4	5	5	8	12	5	10	7	10	4	7	9	6	10	10	10	8	9	11	9	13	8	15	8	12	8	11	8	9	8	12	9	14	8	16	8	19	8	17	7	20	6	13	279	11.6	8
„ 2,	7	14	7	15	7	18	7	14	3	5	7	11	7	14	5	12	6	7	3	4	32	6	32	10	1	10	32	10	31	13	32	6	3	8	2	6	1	13	1	18	1	16	1	16	2	11	2	9	266	11.1	3
„ 3,	32	11	32	8	...	1	29	5	28	8	1	6	2	4	1	20	1	20	1	16	1	16	1	17	32	16	31	14	2	16	2	13	7	13	8	13	7	7	8	5	13	2	...	0	...	0	13	2	233	9.7	2
„ 4,	5	7	32	14	32	18	1	21	32	15	1	15	2	13	32	14	1	14	32	15	2	15	6	16	4	9	7	9	10	13	9	18	11	13	8	19	8	16	10	14	7	13	7	9	6	5	6	5	320	13.3	4
„ 5,	6	5	31	4	2	7	2	5	32	12	3	7	1	6	4	5	1	7	1	10	7	8	14	5	15	3	14	3	...	1	19	4	10	6	6	5	6	4	12	4	4	5	8	9	6	4	6	10	139	5.8	5
„ 6,	6	7	6	6	6	8	32	7	2	5	32	7	32	2	11	4	7	4	11	2	17	5	20	5	8	19	9	21	9	20	8	19	10	16	10	12	10	9	10	9	10	10	10	7	12	4	...	1	209	8.7	9
„ 7,	13	2	13	4	9	5	11	3	11	2	...	1	...	0	...	1	11	2	8	2	15	6	13	5	8	14	9	13	8	15	8	12	8	9	8	8	8	9	8	5	9	9	9	11	10	9	10	10	157	6.5	9
„ 8,	9	11	9	10	9	12	9	10	9	13	8	13	8	11	8	4	9	11	9	11	10	16	10	16	10	17	8	21	9	20	9	17	9	19	9	17	8	16	10	13	11	12	10	10	10	12	10	15	327	13.6	9
„ 9,	8	14	8	14	10	13	8	19	8	21	8	22	8	27	8	30	7	32	7	36	8	42	7	30	7	34	8	31	9	33	7	30	7	28	7	22	7	26	7	27	7	31	6	28	5	28	6	22	640	26.7	7
„ 10,	7	22	8	17	7	19	8	21	8	20	8	19	9	16	9	19	8	18	8	17	8	25	7	25	8	26	9	22	10	20	9	17	9	20	8	18	8	18	11	16	11	12	11	13	10	15	11	11	446	18.6	9
„ 11,	11	13	11	9	11	8	11	7	10	11	10	3	...	1	...	0	...	1	18	2	18	5	10	15	10	16	9	18	10	18	10	17	9	19	8	15	8	18	8	18	6	23	7	24	7	25	7	31	317	13.2	9
„ 12,	7	29	7	34	7	40	7	36	7	28	7	23	8	20	8	20	8	18	8	15	7	16	7	13	8	13	10	14	9	19	9	23	9	20	8	21	8	15	7	19	7	20	7	21	7	24	7	18	519	21.6	8
„ 13,	7	21	8	20	7	18	7	15	7	16	8	14	7	10	8	11	6	9	11	9	10	13	10	16	10	16	10	12	11	11	9	9	8	14	8	14	7	16	7	22	7	23	7	25	7	18	8	15	367	15.3	8
„ 14,	9	13	7	14	7	15	9	16	8	15	9	17	9	17	8	16	9	18	8	23	8	22	7	21	8	20	8	20	8	23	8	20	9	14	7	22	7	20	7	18	8	20	7	22	7	23	7	21	450	18.8	8
„ 15,	9	20	9	17	9	15	9	9	3	4	...	0	26	3	24	5	27	3	21	6	24	12	23	7	24	9	24	9	24	6	25	5	26	6	29	5	29	7	29	8	29	3	...	1	...	1	...	0	161	6.7	27
„ 16,	...	1	...	0	...	1	32	2	7	6	9	5	9	17	8	29	7	32	7	38	6	36	7	32	7	35	6	38	7	38	7	26	7	27	7	21	7	23	7	26	7	30	7	32	7	31	7	30	556	23.2	7
„ 17,	7	28	7	27	7	27	7	26	6	25	7	27	6	26	7	25	7	25	7	22	8	19	8	13	10	6	10	3	25	3	25	2	32	6	31	5	2	4	3	9	32	16	32	6	1	8	29	10	368	15.3	6
„ 18,	30	10	2	2	27	4	32	9	32	7	32	8	32	9	28	2	1	4	1	7	32	8	2	3	25	3	22	5	24	4	24	3	24	2	7	5	...	1	4	3	7	11	29	8	7	7	28	8	133	5.5	32
„ 19,	1	4	2	6	3	4	4	5	2	10	7	13	7	18	6	18	6	19	6	28	7	30	7	26	7	31	7	34	6	33	7	36	6	34	6	38	6	42	6	46	7	40	6	31	6	23	5	18	587	24.5	6
„ 20,	7	26	7	26	8	29	8	21	8	20	8	23	8	24	8	29	8	21	9	16	8	12	...	1	...	1	11	2	30	3	24	3	26	6	...	1	...	1	...	1	26	2	27	8	26	9	26	6	291	12.1	8
„ 21,	...	1	26	7	25	2	23	7	23	4	23	6	27	9	24	8	25	15	27	12	26	7	26	6	25	12	25	10	26	6	27	8	25	10	27	8	29	6	31	8	32	10	32	9	31	10	31	11	192	8.0	27
„ 22,	32	9	31	9	30	8	29	3	30	4	32	5	32	4	32	4	32	9	31	6	31	12	32	12	30	9	31	13	30	15	32	10	32	9	32	8	3	5	32	5	1	6	2	5	32	11	32	7	188	7.8	32
„ 23,	1	14	3	17	32	16	3	9	7	7	1	4	32	4	32	2	31	6	11	3	24	8	24	5	25	3	10	8	8	12	9	17	9	19	12	9	12	4	...	0	...	0	12	2	12	2	...	0	171	7.1	5
„ 24,	8	2	...	1	...	1	13	8	9	9	1	3	10	7	8	15	7	20	8	24	8	27	7	21	7	21	7	20	7	21	8	18	9	17	7	22	7	19	7	19	8	18	9	20	9	20	8	25	378	15.8	8
„ 25,	9	19	8	21	8	24	8	25	7	23	8	28	8	25	8	27	8	25	8	25	8	28	8	32	8	24	8	27	7	24	8	25	8	23	7	26	8	26	9	25	8	30	7	27	7	28	7	28	615	25.6	8
„ 26,	7	33	7	31	7	35	7	35	7	37	8	37	7	37	7	32	7	33	7	30	7	33	7	27	8	24	7	29	7	27	7	23	8	26	9	22	10	21	10	15	9	18	8	21	8	20	7	19	665	27.7	7
„ 27,	9	15	8	10	8	14	9	16	8	19	8	18	8	17	8	17	8	16	7	15	7	19	7	15	8	18	8	19	8	14	8	16	9	12	10	10	10	12	11	12	11	12	10	9	9	7	11	7	339	14.1	8
„ 28,	9	6	9	8	10	10	9	9	9	11	10	12	10	11	10	9	9	14	8	20	9	21	9	19	9	13	8	16	8	17	8	17	9	16	8	11	7	12	7	14	8	13	8	13	8	10	9	11	313	13.0	9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	373	...	360	...	376	...	368	...	369	...	357	...	362	...	385	...	409	...	424	...	475	...	424	...	435	...	456	...	457	...	425	...	421	...	395	...	384	...	395	...	424	...	404	...	385	...	363	9626	401.1	...
Means,	...	13.3	...	12.9	...	13.4	...	13.1	...	13.2	...	12.8	...	12.9	...	13.8	...	14.6	...	15.1	...	17.0	...	15.1	...	15.5	...	16.3	...	16.3	...	15.2	...	15.0	...	14.1	...	13.7	...	14.1	...	15.1	...	14.4	...	13.8	...	13.0	343.8	14.3	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1899.												
Feb. 1, ...	9	cum.	E	3	sm-cum.	NE	0	...	...	1	sm-cum. / cum.	...
„ 2, ...	9	cum.	ENE	10	cum.	ENE	10	nim.	WSW	10	str-cum.	SW
„ 3, ...	9	cum.	NE	10	nim.	...	10	cum.	NE	0	...	...
„ 4, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 5, ...	0	...	...	7	sm-cum.	...	10	sm-cum.	W	10	sm-cum.	W
„ 6, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 7, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 8, ...	0	...	...	0	...	...	2	c-cum.	...	2	sm-cum.	...
„ 9, ...	0	...	...	0	...	...	5	c-cum. / cum.	ESE	4	c-cum. / cum.	ESE
„ 10, ...	0	...	...	10	cum.	E	10	cum.	E	9	cum.	E
„ 11, ...	8	c-str.	...	8	sm-cum.	...	9	sm-cum.	SSW	4	c-cum. / cum.	SSW
„ 12, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	E	10	str-cum.	E
„ 13, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	E	10	str-cum.	ESE
„ 14, ...	10	nim.	...	10	nim.	...	10	str-cum.	E	8	str-cum.	E
„ 15, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	cum.	WNW
„ 16, ...	0	...	...	0	...	...	0	...	...	8	R-cum.	ESE
„ 17, ...	10	nim.	...	10	nim.	...	10	cum-nim.	E	10	nim.	E
„ 18, ...	10	nim.	...	10	nim.	...	5	sm-cum.	W	10	str.	...
„ 19, ...	10	nim.	...	10	nim.	...	10	cum.	E	10	nim.	E
„ 20, ...	10	nim.	...	10	nim.	...	10	cum.	E	10	nim.	...
„ 21, ...	10	nim.	...	8	cum.	...	10	cum-nim.	...	10	str-cum.	...
„ 22, ..	6	sm-cum.	W	0	...	...	1	cum.	N	8	sm-cum. / cum.	W / NE
„ 23, ...	0	...	...	0	...	...	1	cum.	...	0	...	...
„ 24, ...	0	...	...	8	sm-cum.	W	10	cum.	SE	10	sm-cum. / cum.	W / SE
„ 25, ...	10	cum.	SE	10	cum.	E	10	str-cum.	E	10	str-cum.	E
„ 26, ...	10	cum.	...	10	cum-nim.	...	10	str-cum.	E	10	str-cum.	E
„ 27, ...	10	nim.	E	9	cum.	E	10	sm-cum. / str-cum.	E	9	str-cum.	ESE
„ 28, ...	10	nim.	E	10	cum.	E	10	str-cum.	E	4	cum.	ESE
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.1	...	...	6.5	...	...	6.9	...	...	6.7	...	...

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	
1899.													
Feb. 1,...	1	cum.	...	0	...	...	0	...	...	8	sm-cum.	...	2.7
„ 2,...	2	sm-cum. / cum.	...	10	sm-cum.	...	10	nim.	...	10	str-cum.	...	8.9
„ 3,...	0	...	...	0	...	...	0	...	...	0	...	...	3.6
„ 4,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 5,...	5	sm-cum.	WSW	0	...	...	0	...	...	0	...	...	4.0
„ 6,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 7,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 8,...	0	...	...	3	sm-cum.	...	0	...	...	0	...	...	0.9
„ 9,...	5	c-cum. / cum.	ESE	1	c-cum.	...	0	...	...	0	...	...	1.9
„ 10,...	7	sm-cum. / cum.	E	4	sm-cum. / cum.	E	0	...	...	8	str-cum.	...	6.0
„ 11,...	3	c-cum. / cum.	SE / ..	0	...	...	0	...	...	10	str-cum.	...	5.3
„ 12,...	8	str-cum.	ENE	4	sm-cum.	ESE	10	str-cum.	...	6	str-cum.	...	8.5
„ 13,...	8	sm-cum. / cum.	SE	9	str-cum.	ESE	10	str-cum.	ESE	10	str-cum.	...	9.6
„ 14,...	10	str-cum.	E	10	str-cum.	E	10	cum-nim.	...	10	cum-nim.	...	9.8
„ 15,...	3	cum.	...	4	c-str. / cum.	...	2	cum.	...	0	...	...	6.1
„ 16,...	10	cum.	E	10	str-cum.	E	10	nim.	...	10	cum-nim.	...	6.0
„ 17,...	10	nim.	...	10	nim.	...	10	str-cum.	...	10	str-cum.	...	10.0
„ 18,...	10	str.	...	10	str.	...	10	str-cum.	...	10	nim.	...	9.4
„ 19,...	10	r-cum.	E	10	nim.	E	10	nim.	...	10	nim.	...	10.0
„ 20,...	10	nim.	...	10	nim.	...	10	str-cum.	...	10	nim.	...	10.0
„ 21,...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10	cum.	...	9.7
„ 22,...	3	sm-cum.	SSW	1	sm-cum.	...	0	...	...	0	...	...	2.4
„ 23,...	0	...	...	10	sm-cum.	W	0	...	...	0	...	...	1.4
„ 24,...	10	cum.	ESE	10	cum	E	10	cum.	SSE	10	cum.	SSE	8.5
„ 25,...	9	cum.	ESE	10	nim.	ESE	10	str-cum.	...	10	str-cum.	...	9.9
„ 26,...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	ESE	10	str-cum.	...	10.0
„ 27,...	6	sm-cum. / cum.	ESE	1	cum.	...	0	...	...	10	cum.	...	6.9
„ 28,...	6	cum.	ESE	3	sm-cum. / cum.	...	7	cum.	...	2	cum.	...	6.5
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	..	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.6	...	...	5.4	...	...	5.0	...	...	5.9	...	...	6.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF FEBRUARY, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.3	11.4	0.9	0.1	+2.4	+11.3	E 12° N
2 „	3.4	10.5	0.5	0.3	2.9	10.2	E 16° N
3 „	3.3	11.1	0.7	0.3	2.6	10.9	E 19° N
4 „	3.2	10.8	0.9	0.4	2.3	10.3	E 12° N
5 „	3.4	10.7	0.5	0.4	3.0	10.3	E 16° N
6 „	2.6	10.7	0.4	0.2	2.3	10.5	E 12° N
7 „	2.7	11.1	0.6	0.4	2.1	10.7	E 11° N
8 „	2.7	11.6	0.3	0.5	2.4	11.1	E 12° N
9 „	3.8	11.9	0.4	0.6	3.1	11.3	E 17° N
10 „	3.6	12.3	0.8	0.6	2.9	11.7	E 14° N
11 „	3.4	13.5	1.2	1.1	2.1	12.4	E 10° N
Noon.	3.2	12.5	1.4	0.8	1.9	11.7	E 9° N
1 p.	2.4	13.0	1.1	1.1	1.4	11.9	E 7° N
2 „	2.6	13.8	1.2	1.1	1.4	12.7	E 6° N
3 „	2.9	13.7	1.6	1.0	1.4	12.7	E 6° N
4 „	2.0	13.3	1.0	0.8	0.9	12.5	E 4° N
5 „	1.9	13.2	1.6	0.9	0.3	12.4	E 1° N
6 „	2.4	12.7	0.8	0.4	1.6	12.3	E 7° N
7 „	2.6	12.4	0.8	0.3	1.8	12.1	E 9° N
8 „	3.4	12.1	1.5	0.2	1.8	11.9	E 9° N
9 „	3.5	12.9	1.2	0.1	2.3	12.8	E 10° N
10 „	3.6	12.3	0.9	0.4	2.7	11.9	E 13° N
11 „	3.7	11.7	0.8	0.4	2.9	11.3	E 15° N
Midt.	3.6	10.6	0.9	0.7	2.7	9.9	E 15° N
Means, ...	3.0	12.1	0.9	0.5	+2.14	+11.53	E 11° N

PHENOMENA :—

Fog :—on the 7th, 11th, 15th and 27th.

Slight fog :—on the 28th.

Dew :—on the 3rd, 15th and 16th.

Thunderstorms :—on the 18th 11.40 p.—19th 3 a. in SW, nearest at 0.5 a. (4').

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MARCH, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.927	29.918	29.912	29.907	29.913	29.924	29.951	29.980	30.000	29.998	29.993	29.971	29.940	29.921	29.899	29.895	29.899	29.905	29.918	29.938	29.949	29.957	29.961	29.971	29.939
„ 2,...	.980	.976	.983	.996	30.016	30.034	30.059	30.079	.091	30.094	30.090	30.081	30.053	30.022	30.002	.997	.988	.996	30.006	30.032	30.048	30.053	30.062	30.067	30.034
„ 3,...	30.064	30.064	30.058	30.049	.061	.079	.099	.112	.124	.128	.127	.105	.073	.037	.012	.999	30.004	30.022	.048	.050	.070	.093	.095	.099	.070
„ 4,...	.095	.087	.081	.065	.084	.081	.104	.115	.117	.122	.099	.058	.037	.023	.006	.987	29.990	29.994	.010	.031	.043	.046	.045	.042	.057
„ 5,...	.024	.013	29.995	29.987	29.983	29.993	.016	.019	.038	.048	.042	.017	29.995	29.946	29.930	.937	.934	.943	29.957	29.972	29.991	29.996	.005	29.997	29.991
„ 6,...	29.972	29.936	.926	.909	.915	.920	29.928	29.952	29.994	.003	29.989	29.974	.942	.927	.920	.920	.926	.938	.940	.960	.975	.977	29.971	.961	.949
„ 7,...	.945	.923	.913	.913	.922	.945	.965	.980	.994	29.991	.985	.960	.920	.886	.876	.872	.879	.894	.904	.914	.920	.924	.932	.926	.928
„ 8,...	.916	.907	.909	.905	.913	.937	.962	.987	.997	30.001	.993	.982	.954	.922	.918	.909	.909	.910	.911	.920	.940	.955	.954	.953	.940
„ 9,...	.944	.943	.932	.926	.920	.936	.946	.980	.990	29.997	.990	.962	.932	.901	.881	.879	.882	.890	.896	.917	.935	.948	.958	.958	.935
„ 10,...	.950	.942	.924	.915	.918	.938	.959	.976	30.000	30.008	30.009	.984	.967	.950	.942	.946	.956	.969	30.002	30.023	30.048	30.053	30.053	30.053	.979
„ 11,...	30.050	30.030	30.005	30.010	30.015	30.043	30.063	30.089	.101	.115	.104	30.088	30.065	30.042	30.033	30.034	30.047	30.063	.079	.104	.131	.152	.154	.152	30.074
„ 12,...	.149	.140	.131	.138	.148	.155	.163	.175	.184	.182	.159	.121	.082	.049	.023	.014	.023	.031	.058	.088	.105	.117	.123	.120	.112
„ 13,...	.111	.094	.076	.068	.061	.062	.087	.100	.115	.120	.104	.077	.042	.015	29.983	29.979	29.980	29.984	29.986	29.992	29.997	.009	.009	.004	.044
„ 14,...	29.992	29.976	29.960	29.966	29.976	29.990	29.996	.013	.032	.030	.010	29.989	29.960	29.939	.921	.905	.899	.895	.905	.935	.954	29.975	29.982	29.986	29.966
„ 15,...	.981	.972	.961	.952	.960	.970	.985	29.997	29.989	29.997	29.964	.977	.961	.943	.926	.922	.922	.927	.932	.952	.966	.986	.998	.999	.964
„ 16,...	.999	.969	.953	.936	.941	.946	.960	.970	.974	.973	.970	.943	.926	.904	.893	.892	.913	.936	.953	.979	30.005	30.033	30.047	30.048	.961
„ 17,...	30.030	30.025	30.018	30.015	30.022	30.035	30.056	30.072	30.072	30.071	30.057	30.037	30.010	.984	.961	.958	.946	.954	.956	.966	29.981	.004	.014	.024	30.011
„ 18,...	.019	.004	29.998	29.984	.005	.033	.067	.085	.095	.089	.060	.030	.002	.983	.956	.939	.926	.941	.955	.972	.994	.009	.019	.021	.008
„ 19,...	.006	29.985	.979	.973	29.973	.004	.023	.047	.045	.038	.033	.002	29.977	.946	.923	.916	.916	.922	.928	.945	.968	29.984	29.990	29.987	29.980
„ 20,...	29.988	.991	.983	.983	.987	.003	.026	.045	.048	.043	.018	.012	.989	.952	.929	.915	.906	.915	.935	.953	.969	.988	.994	.984	.981
„ 21,...	.990	.984	.972	.966	.978	29.998	.016	.038	.041	.039	.027	29.986	.952	.926	.912	.902	.906	.911	.933	.960	.972	.985	.994	.990	.974
„ 22,...	.974	.976	.965	.968	.973	.976	29.985	29.996	.004	29.995	29.973	.933	.910	.885	.858	.855	.865	.881	.891	.921	.948	.963	.956	.946	.942
„ 23,...	.927	.912	.886	.884	.895	.915	.940	.953	29.949	.941	.925	.899	.871	.834	.815	.802	.809	.811	.836	.865	.891	.902	.905	.910	.887
„ 24,...	.902	.897	.883	.887	.901	.929	.960	.972	.987	.978	.961	.935	.900	.869	.842	.831	.823	.828	.851	.888	.915	.913	.924	.917	.904
„ 25,...	.900	.887	.867	.860	.857	.856	.856	.862	.887	.889	.872	.847	.832	.819	.805	.801	.816	.840	.869	.905	.926	.946	.953	.951	.871
„ 26,...	.945	.934	.930	.959	.975	.970	30.002	30.014	30.035	30.039	30.017	.997	.966	.945	.928	.908	.909	.924	.930	.956	.966	.982	.991	.973	.966
„ 27,...	.955	.946	.945	.952	.963	.973	29.985	29.997	·005	.009	29.996	.963	.929	.901	.870	.863	.861	.877	.887	.905	.930	.939	.939	.932	.938
„ 28,...	.915	.909	.904	.908	.923	.953	.976	30.006	.013	.004	.989	.959	.919	.881	.850	.838	.837	.846	.864	.888	.905	.920	.923	.913	.918
„ 29,...	.899	.893	.881	.874	.865	.885	.903	29.920	29.920	29.917	.903	.883	.856	.844	.828	.824	.828	.841	.839	.853	.863	.877	.880	.873	.873
„ 30,...	.872	.860	.845	.835	.824	.841	.851	.860	.861	.853	.861	.860	.846	.825	.810	.835	.860	.900	.946	.961	.985	30.001	.986	.973	.881
„ 31,...	.980	.966	.958	.958	.969	.983	.978	.992	30.007	.998	.973	.960	.922	.898	.872	.867	.873	.870	.883	.903	.914	29.917	.915	.906	.936
Means,.....	29.981	29.970	29.959	29.956	29.963	29.978	29.996	30.012	30.023	30.023	30.009	29.987	29.959	29.933	29.914	29.908	29.911	29.921	29.936	29.956	29.974	29.987	29.991	29.988	29.968

TABLE II.

TEMPERATURE FOR THE MONTH OF MARCH, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	66.3	65.4	65.1	64.6	63.8	63.8	63.6	65.6	67.9	70.7	71.8	75.1	75.8	72.9	71.9	71.6	69.9	68.6	67.2	66.0	66.5	65.8	64.8	64.0	67.9	76.3	63.6
„ 2,	63.8	64.0	64.3	64.2	63.8	62.5	62.3	62.6	63.3	63.4	62.4	62.6	63.9	64.9	64.5	65.0	65.8	64.6	64.4	63.9	63.6	63.1	62.9	62.6	63.7	66.6	62.0
„ 3,	61.5	60.1	59.3	60.3	59.0	59.2	59.4	59.6	61.8	62.4	62.5	63.2	63.0	64.6	63.0	62.3	61.6	61.0	60.6	60.3	60.1	60.1	59.6	59.6	61.0	64.6	58.9
„ 4,	59.5	59.6	59.5	59.4	59.5	59.4	59.8	60.0	60.6	62.8	63.4	64.2	63.4	63.9	63.7	63.0	62.2	61.6	61.1	60.7	61.3	60.3	60.0	60.7	61.2	65.0	59.3
„ 5,	60.0	59.5	59.3	59.7	60.0	59.5	59.6	61.5	60.9	61.6	61.4	61.4	63.0	65.6	65.6	66.1	64.8	64.6	64.1	63.4	63.6	63.7	64.6	64.5	62.4	66.4	59.3
„ 6,	64.0	63.9	63.6	63.1	63.0	62.0	62.2	64.3	65.0	64.7	65.7	66.0	68.0	67.8	66.0	65.8	65.8	63.8	63.3	63.6	64.2	64.3	64.5	64.7	64.6	68.3	61.8
„ 7,	64.9	64.9	65.0	64.9	64.8	64.4	65.0	68.7	70.1	71.6	72.9	72.6	73.3	72.8	72.1	73.6	71.8	68.4	67.5	67.3	66.4	66.6	66.5	66.8	68.5	75.6	64.4
„ 8,	66.0	64.9	64.6	64.8	65.1	65.5	66.9	69.0	71.4	73.7	71.8	65.6	64.7	65.5	66.7	67.2	66.5	65.5	66.4	66.2	66.1	66.1	66.1	65.6	66.7	75.5	64.0
„ 9,	65.0	64.3	63.9	63.3	62.9	62.8	63.0	63.6	64.6	66.0	67.9	67.7	69.2	70.8	69.9	68.1	65.8	66.0	65.4	64.8	64.6	64.0	63.8	63.2	65.4	72.0	62.8
„ 10,	62.7	62.8	62.0	62.5	62.7	62.8	62.5	64.4	66.0	66.8	68.7	69.4	67.9	67.3	66.1	66.6	65.6	65.2	65.5	65.4	65.4	64.9	64.6	63.9	65.1	69.7	61.7
„ 11,	63.9	63.8	63.9	64.0	64.2	64.3	64.6	66.6	69.7	69.8	71.5	72.6	74.7	74.8	72.6	70.5	69.0	68.0	67.1	66.5	65.3	64.7	63.4	62.3	67.4	76.2	62.3
„ 12,	60.5	59.7	59.1	58.3	56.6	56.9	57.7	60.0	63.9	64.5	64.8	64.3	63.8	63.7	63.6	63.6	63.2	62.3	62.3	62.5	62.6	61.6	59.8	59.5	61.4	65.9	56.3
„ 13,	59.9	58.7	58.8	58.4	58.4	58.5	58.9	60.0	60.7	61.9	63.8	63.2	63.5	63.7	63.4	63.3	62.7	61.9	61.8	61.5	61.3	61.4	62.0	62.5	61.3	65.7	58.4
„ 14,	62.6	61.8	61.6	60.3	60.6	59.7	60.9	62.9	64.6	65.3	67.3	64.8	65.2	65.4	65.1	65.4	64.8	65.2	64.3	63.8	64.1	64.6	65.2	65.7	63.8	66.1	59.5
„ 15,	64.7	63.9	64.2	63.6	63.3	63.3	63.5	64.7	66.0	67.4	66.5	67.4	67.5	67.7	68.2	69.6	69.6	67.2	67.3	66.6	66.5	67.0	68.3	67.8	66.3	70.0	63.3
„ 16,	66.8	67.0	65.5	65.3	65.8	66.1	66.7	67.3	67.8	68.7	73.5	74.6	73.7	71.3	70.7	71.3	71.6	69.3	67.3	66.1	64.9	63.7	61.0	60.9	67.8	74.9	60.9
„ 17,	60.4	60.4	59.1	58.1	58.1	56.8	58.5	59.5	61.3	62.6	63.7	64.4	64.7	64.4	63.5	63.2	63.0	62.5	62.5	62.8	63.6	63.3	63.5	63.3	61.8	66.0	56.8
„ 18,	62.9	62.5	61.7	60.1	59.3	59.2	58.3	60.4	60.6	61.4	61.2	62.0	62.5	64.7	63.9	63.1	62.8	62.6	62.8	63.0	63.3	63.3	63.0	62.5	62.0	64.8	58.1
„ 19,	62.1	61.6	61.3	61.3	60.4	60.0	60.2	61.0	61.7	62.8	64.8	64.1	65.8	65.0	65.2	64.6	64.8	64.0	63.7	63.8	64.0	63.9	63.8	63.4	63.1	66.4	59.5
„ 20,	63.6	63.5	62.7	62.9	62.5	63.0	62.4	63.9	64.2	64.8	65.5	66.7	67.8	67.0	68.6	66.3	66.0	65.3	65.4	65·5	65.3	64.9	64.8	64.7	64.9	67.8	62.2
„ 21,	64.8	64.1	64.2	64.1	64.0	63.8	64.3	65.7	66.8	67.4	68.0	68.3	67.7	68.2	68.7	67.8	67.7	66.8	66.0	65.0	65.3	65.5	66.2	66.0	66.1	69.8	63.5
„ 22,	65.6	65.0	64.4	63.7	63.3	64.9	64.6	65.5	67.4	69.4	70.4	67.5	67.9	67.6	68.3	67.8	66.6	66.0	65.7	65.7	65.6	65.6	65.6	65.6	66.2	70.4	63.3
„ 23,	65.1	65.2	63.9	63.7	63.5	65.0	65.0	66.9	68.2	69.0	69.8	68.7	69.8	73.7	73.9	70.7	68.9	68.6	67.8	66.0	66.0	65.6	65.0	64.8	67.3	76.0	63.4
„ 24,	65.4	65.7	65.8	66.1	65.9	66.0	65.5	66.4	67.0	67.0	68.0	67.7	68.1	69.5	68.5	68.6	67.7	66.8	66.6	66.4	66.7	66.7	66.9	66.7	66.9	69.6	64.8
„ 25,	66.4	66.4	66.0	65.7	65.7	65.6	66.0	66.6	67.6	67.7	68.1	68.5	68.6	68.5	68.1	67.2	67.0	66.0	65.6	64.9	64.7	64.6	64.6	64.2	66.4	69.9	64.2
„ 26,	64.0	63.1	60.7	58.6	59.6	60.2	60.5	61.3	62.4	63.6	65.5	67.7	69.7	70.9	72.7	72.1	69.4	66.3	66.0	65.6	65.3	64.6	63.4	61.7	64.8	73.0	58.0
„ 27,	61.4	61.0	60.9	61.5	61.2	61.7	63.3	65.2	66.1	66.3	66.9	66.7	66.7	67.5	67.7	66.9	66.6	65.6	64.7	64.2	63.7	63.6	63.7	63.2	64.4	67.7	60.1
„ 28,	63.4	63.3	63.2	63.9	64.0	62.2	63.5	65.2	66.9	67.7	68.9	70.0	70.5	69.3	69.4	69.0	67.5	66.9	66.7	66.6	66.5	66.4	66.5	65.7	66.4	71.1	61.5
„ 29,	66.0	66.7	66.9	66.9	66.8	66.7	67.7	68.2	68.6	69.4	70.9	71.5	71.2	71.3	70.7	70.6	70.2	69.2	68.5	68.7	69.0	69.5	69.5	68.8	68.9	73.3	64.4
„ 30,	68.2	68.0	68.0	68.2	68.5	68.4	69.4	70.0	72.0	72.4	73.5	75.0	78.5	78.9	77.8	67.6	65.0	62.4	60.2	59.2	58.9	58.5	58.6	58.7	67.7	80.1	57.8
„ 31,	58.3	57.1	55.5	54.4	54.2	53.8	55.0	56.8	58.7	60.9	61.8	65.1	66.2	65.0	64.4	63.2	62.3	61.4	61.0	61.8	62.2	62.6	62.9	63.4	60.3	66.5	52.8
Means,	63.5	63.2	62.7	62.4	62.3	62.2	62.6	64.0	65.3	66.2	67.2	67.4	67.9	68.2	67.9	67.2	66.3	65.3	64.8	64.4	64.4	64.2	64.0	63.8	64.9	70.0	60.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF MARCH, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	64.9	64.2	63.7	63.7	62.6	63.2	63.5	64.5	65.9	66.7	67.0	67.3	68.4	67.0	67.0	66.8	66.0	65.8	64.8	64.1	64.3	62.6	62.2	61.7	64.9	127.7
„ 2, ...	61.3	60.7	60.0	59.1	58.5	58.0	57.7	56.5	57.5	58.8	58.4	59.1	59.4	60.0	59.6	59.4	58.6	58.3	57.4	57.2	57.3	57.4	56.2	56.1	58.4	120.6
„ 3, ...	55.3	55.4	55.7	54.8	54.8	54.7	54.7	55.3	56.0	56.4	56.6	57.3	57.7	58.3	58.2	56.8	56.8	56.7	56.8	56.9	57.0	56.0	56.5	56.3	56.3	117.1
„ 4, ...	56.0	55.9	56.1	56.1	55.7	55.9	55.9	56.2	55.5	56.3	56.9	57.0	57.0	56.3	56.2	56.2	54.9	54.1	53.9	54.3	55.2	55.0	56.1	56.5	55.8	116.0
„ 5, ...	55.4	55.5	55.0	54.5	54.5	54.5	54.5	55.3	55.1	55.4	55.9	56.0	55.9	57.7	58.3	58.2	58.2	58.3	57.9	58.4	58.8	60.0	60.3	60.8	56.8	126.3
„ 6, ...	61.1	60.9	60.6	59.8	59.1	58.8	58.3	60.3	60.9	61.0	61.9	61.9	63.0	62.8	62.1	61.7	60.8	60.1	61.1	61.7	62.4	62.5	62 2	62.3	61.1	125.8
„ 7, ...	62.4	62.1	62.1	62.4	62.2	62.1	62.1	63.7	64.8	65.2	65.8	65.7	65.7	65.9	65.8	66.2	66.3	64.7	64.0	63.7	63.2	63.2	63.5	64.0	64.0	132.7
„ 8, ...	63.7	62.9	62.8	62.7	62.5	63.0	63.2	64.1	65.0	65.0	64.1	62.5	62.4	62.6	63.0	63.4	63.2	63.2	63.5	63.2	63.4	63.4	63.3	63.0	63.3	126.1
„ 9, ...	62.5	62.2	62.1	61.4	60.6	60.3	60.7	60.7	60.9	61.5	62.7	62.8	63.4	64.1	63.9	63.5	62.8	62.7	63.4	62.7	62.2	62.5	62.5	61.7	62.2	125.3
„ 10, ...	61.6	61.9	61.7	61 9	62.2	62.1	61.9	63.2	64.3	64.3	65.0	65.2	64.1	63.0	63.7	63.8	63.2	63.1	63.4	63.3	63.2	62.9	62.4	60.9	63 0	128.2
„ 11, ...	60.8	60.9	60.8	60.8	60.8	61.1	61.6	62.5	64.2	63.8	64.8	65.4	65.4	64.8	62.0	59.5	58.6	58.0	57.2	56.8	56.0	55.5	54.6	54.0	60.4	135.2
„ 12, ...	53.7	53.1	52.3	51.6	51.6	50.8	50.6	51.9	54.9	54.8	55.2	55.8	55.3	56.1	56.2	56.3	56.6	57.4	57.8	58.3	58.5	58.1	57.3	57.0	55.1	125.5
„ 13, ...	56.4	55.6	55.2	54.9	55.1	54.3	54.7	54.9	55.2	56.0	58.0	56.6	56.7	56.5	56.0	56.1	55.9	55.6	56.0	56.3	56.0	56.5	57.2	57.9	56.0	119.2
„ 14, ...	58.6	58.8	58.6	57.8	56.0	56.0	54.9	55.5	56.8	57.6	59.4	58.0	58.0	58.2	58.0	59.8	59.5	58.1	60.2	61.3	61.6	62.1	62.3	62.6	58.7	122.0
„ 15, ...	62.4	61.5	61.6	60.3	59.4	58.9	58.5	59.1	59.7	60.8	60.6	61.3	61.3	61.7	61.6	62.6	62.7	62.8	62.8	63.0	62.3	62.5	63.0	63.1	61.4	127.2
„ 16, ...	62.9	62.7	62.3	62.7	62.9	63.0	63.0	63.7	63.6	63.8	65.2	66.0	66.0	66.1	65.2	65.0	63.2	61.3	59.6	58.0	56.9	55.6	55.1	54.6	62.0	126.5
„ 17, ...	54.2	53.8	53.9	53.2	53.9	53.8	54.2	54.3	55.0	55.7	57.0	57.1	57.6	57.0	57.0	56.8	56.8	57.5	56.4	55.8	55.8	54.0	54.9	55.2	55.5	128.6
„ 18, ...	55.6	56.4	55.9	55.3	53.9	52.1	52.1	51.3	51.4	52.2	51.5	53.1	53.4	54.8	54.2	54.0	55.7	56.0	57.0	57.5	58.2	58.7	58.3	58.2	54.9	140.2
„ 19, ...	58.3	57.7	57.6	57.6	57.3	56.6	56.6	56.8	56.8	55.7	56.3	56.8	57.3	58.2	58.1	59.0	58.6	58.5	59.6	59.8	60.6	60.9	60.9	60.0	58.1	126.0
„ 20, ...	59.9	59.7	59.7	59.4	58.9	58.4	58.0	59.0	59.0	59.0	59.4	59.8	60.3	59.6	60.0	61.4	61.3	61.6	61.8	62.2	62.5	62.6	62.5	62.5	60.4	125.5
„ 21, ...	62.5	61.9	61.6	61.2	60.6	60.1	61.0	61.8	62.4	61.0	61.3	62.4	62.5	63.2	62.1	62.9	62.7	62.6	62.3	62.8	63.0	63.1	63.7	63.9	62.2	121.6
„ 22, ...	63.7	63.5	63.0	62.9	62.1	62.4	62.2	62.5	62.9	63.7	64.9	63.2	63.0	62.7	63.3	62.8	62.7	63.0	62.9	63.3	63.5	63.7	63.7	63.8	63.1	125.0
„ 23, ...	63.7	63.7	62.6	62.6	62.4	63.3	63.3	64.4	64.6	64.2	64.7	64.4	63.9	65.0	65.7	64.9	64.2	64.6	63.6	63.6	63.5	63.1	63.0	62.9	63.8	131.5
„ 24, ...	63.4	63.7	63.8	63.4	62.6	61.4	60.6	61.5	62.2	62.0	62.4	61.3	60.1	61.3	60.0	60.4	60.2	60.9	61.7	62.5	63.6	64.7	64.7	64.9	62.2	126.7
„ 25, ...	64.7	64.6	64.0	63.2	63.5	63.5	63.8	64.3	64.6	64.2	64.6	64.7	64.7	64.6	64.6	65.0	65.2	62.8	61.6	61.5	62.9	58.6	57.6	56.9	63.2	121.0
„ 26, ...	57.1	56.7	56.3	55.5	55.1	54.3	54.1	54.6	55.4	54.6	56.0	56.1	56.7	55.8	56.6	56.2	57.6	55.9	57.4	57.8	58.6	58.6	58.5	58.3	56.4	133.0
„ 27, ...	58.3	58.3	57.6	56.4	55.9	55.7	56.8	57.4	59.0	59.2	59.0	59.0	58.0	57.9	58.3	57.3	57.4	57.6	58.0	58.1	58.3	58.2	58.2	58.5	57.9	124.7
„ 28, ...	57.8	58.1	58.3	58.0	58.0	57.4	58.5	59.1	60.5	60.7	62.0	62.3	62.1	62.4	62.8	62.6	62.5	63.1	63.7	63.4	63.6	63.6	63.7	63.6	61.2	131.1
„ 29, ...	64.2	64.7	65.0	65.1	65.0	64.7	65.5	65.8	66.6	66.2	67.1	67.4	67.3	67.8	68.0	67.8	67.8	67.7	67.2	67.5	68.0	68.7	68.3	67.8	66.7	130.0
„ 30, ...	67.4	67.2	67.0	67.3	67.4	67.5	68.0	68.8	69.4	69.4	70.0	70.2	71.0	70.3	70.0	62.4	59.3	57.0	54.9	53.5	52.4	51.2	50.9	50.4	63.5	135.6
„ 31, ...	49.2	47.5	47.0	47.0	46.2	46.2	46.4	48.6	49.0	50.5	50.3	52.8	54.0	54.4	54.1	54.3	56.6	57.3	57.3	58.6	59.4	60.1	59.6	59.5	52.7	124.1
Means, ...	60.0	59.7	59.5	59.1	58.8	58.5	58.6	59.3	60.0	60.2	60.8	60.9	61.0	61.2	61.0	60.7	60.5	60.2	60.2	60.2	60.4	60.2	60.1	60.0	60.0	126.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MARCH, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	80	0.476	March 1,.....	85	0.577
2 „	80	.471	„ 2,.....	71	.422
3 „	82	.471	„ 3,.....	73	.392
4 „	81	.462	„ 4,.....	69	.375
5 „	80	.454	„ 5,.....	69	.389
6 „	79	.446	„ 6,.....	81	.493
7 „	78	.444	„ 7,.....	77	.537
8 „	74	.447	„ 8,.....	81	.538
9 „	72	.452	„ 9,.....	83	.519
10 „	68	.446	„ 10,.....	89	.549
11 „	67	.452	„ 11,.....	64	.434
Noon.	67	.452	„ 12,.....	64	.352
1 p.	65	.449	„ 13,.....	70	.380
2 „	65	.452	„ 14,.....	72	.428
3 „	65	.449	„ 15,.....	74	.480
4 „	67	.448	„ 16,.....	71	.480
5 „	69	.454	„ 17,.....	64	.359
6 „	73	.459	„ 18,.....	61	.339
7 „	75	.465	„ 19,.....	72	.419
8 „	77	.470	„ 20,.....	76	.467
9 „	78	.477	„ 21,.....	79	.510
10 „	78	.473	„ 22,.....	83	.538
11 „	78	.473	„ 23,.....	82	.547
Midt.	79	.472	„ 24,.....	75	.499
			„ 25,.....	83	.538
			„ 26,.....	56	.345
			„ 27,.....	65	.395
			„ 28,.....	72	.473
			„ 29,.....	89	.627
			„ 30,.....	78	.531
			„ 31,.....	57	.299
Means,.....	74	0.459	Means.	74	0.459

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.
1899.														
March 1,.....	...	...	0.4	0.2	0.3	0.3	1.0	1.0	1.0	1.0	0.8	...	...	6.0
„ 2,.....	...	...	...	...	0.1	...	...	0.1	0.3	...	...	...	...	0.5
„ 3,.....	...	...	0.4	0.7	0.1	...	...	0.2	1.0	1.0	0.9	...	...	4.3
„ 4,.....	...	...	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	6.7
„ 5,.....	...	...	0.6	0.4	0.3	...	...	0.5	0.7	0.2	...	...	...	2.7
„ 6, ...	...	0.1	0.7	0.3	...	...	0.5	1.0	0.9	0.4	0.7	0.2	...	4.8
„ 7,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.3
„ 8,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	...	8.7
„ 9,.....	...	...	...	0.5	0.2	0.9	1.0	1.0	1.0	1.0	1.0	...	...	6.6
„ 10,.....	...	0.1	1.0	0.7	1.0	1.0	1.0	0.2	0.2	0.5	...	...	...	5.7
„ 11,.....	...	0.2	1.0	0.4	...	0.1	0.3	0.8	...	...	...	...	...	2.8
„ 12,.....	...	0.3	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	1.0	0.4	...	9.3
„ 13,.....	...	...	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.2
„ 14,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 15,.....	...	...	0.8	1.0	0.8	0.5	...	...	...	...	...	...	...	3.1
„ 16,.....	...	...	...	...	0.2	0.9	0.8	1.0	0.8	0.4	...	...	...	4.1
„ 17,.....	...	...	...	0.1	0.8	0.9	0.6	0.3	1.0	0.5	0.7	0.6	...	5.5
„ 18,.....	...	0.3	0.7	0.5	0.8	0.5	0.5	0.3	0.8	1.0	1.0	0.3	...	6.7
„ 19,.....	...	...	0.1	0.9	0.7	1.0	0.9	1.0	1.0	1.0	1.0	0.2	...	7.8
„ 20,.....	...	...	...	0.1	0.5	0.2	1.0	1.0	1.0	1.0	0.9	...	...	5.7
„ 21,.....	...	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	7.6
„ 22,.....	...	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	...	7.6
„ 23,.....	...	...	...	...	...	0.1	0.1	0.2	1.0	1.0	0.5	...	...	2.9
„ 24,.....	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	8.8
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	0.2	0.9	0.9	1.0	0.9	0.8	...	...	4.7
„ 27,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.7
„ 28,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 29,.....	...	...	...	...	...	0.1	0.2	0.2	0.2	0.2	...	...	...	0.9
„ 30,.....	...	...	0.4	0.9	0.9	0.7	0.8	0.9	0.9	0.4	...	...	...	5.9
„ 31,.....	...	...	...	...	0.3	0.9	0.6	1.0	0.9	1.0	1.0	0.3	...	6.0
Sums,.....	...	2.6	13.0	15.4	17.6	19.3	20.9	22.5	24.7	22.5	19.5	4.3	...	182.3

TABLE VI.

RAINFALL FOR THE MONTH OF MARCH, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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.
March 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 17,	0.005	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	3
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.085	0.060	...	...	...	...	...	...	...	0.145	3
„ 26,	...	...	0.035	0.090	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.160	2
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.005	...	0.035	0.095	0.035	...	...	...	...	...	...	...	...	...	...	0.085	0.060	...	...	...	...	...	...	...	0.315	9

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF MARCH, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Mar. 1	9	6	9	3	5	3	7	2	...	1	...	0	...	0	...	0	9	2	6	6	6	4	9	4	16	6	26	8	25	11	26	10	27	6	26	5	26	3	26	4	24	9	23	10	25	11	26	10	124	5.2	26
„ 2	26	5	3	2	...	1	5	6	2	6	5	4	3	8	5	12	8	11	9	11	9	16	9	9	9	5	10	5	10	2	23	3	31	2	32	3	32	6	32	10	5	5	32	2	1	6	5	8	148	6.2	5
„ 3	2	7	7	2	4	3	3	5	5	4	2	4	6	8	8	14	5	15	5	10	7	9	10	12	10	14	10	16	9	19	8	17	9	16	6	14	7	10	6	9	7	9	5	9	8	11	9	13	250	10.4	7
„ 4	9	15	8	17	7	15	8	18	8	22	8	24	8	18	8	15	8	18	8	16	9	16	10	20	10	20	10	19	10	21	9	22	7	22	7	23	7	22	6	22	6	21	6	30	6	27	7	29	492	20.5	8
„ 5	7	32	7	35	7	31	7	27	7	27	7	27	7	26	7	26	7	22	8	19	8	20	8	24	8	16	8	23	8	18	8	19	7	16	9	14	10	12	8	15	10	12	8	14	9	13	8	13	501	20.9	8
„ 6	8	15	7	27	7	26	7	30	7	23	7	23	7	28	7	29	7	23	7	20	7	26	7	20	7	22	7	23	8	18	9	21	8	22	9	20	8	18	8	17	7	16	8	17	8	15	8	13	512	21.3	7
„ 7	9	13	9	15	9	11	9	4	...	1	...	0	...	1	8	9	9	8	9	12	10	15	10	13	9	17	9	19	8	15	31	6	31	6	31	5	...	0	...	1	8	8	9	11	9	7	9	6	203	8.5	9
„ 8	...	1	...	0	...	1	9	3	9	2	12	2	...	0	12	5	9	9	10	11	9	31	7	30	8	29	8	27	7	19	7	24	7	22	9	20	7	22	7	21	7	23	6	23	6	19	6	18	362	15.1	8
„ 9	7	15	7	12	10	12	10	12	8	19	8	16	8	18	6	17	7	16	6	13	9	15	9	15	8	16	8	13	8	8	8	8	8	10	6	4	6	3	6	3	7	8	7	13	7	11	8	5	282	11.7	8
„ 10	10	3	10	3	...	0	10	4	8	8	6	10	7	5	8	18	8	13	9	18	9	13	8	20	7	20	7	18	6	19	7	22	8	17	6	16	6	17	7	18	7	15	8	21	8	21	8	21	340	14.2	8
„ 11	8	15	9	15	10	17	11	13	9	7	9	4	...	0	...	1	...	1	10	2	32	8	26	5	32	13	32	13	32	18	1	18	1	17	1	18	2	22	1	21	1	22	32	18	32	20	32	11	299	12.5	2
„ 12	1	5	1	14	1	16	2	14	2	6	1	6	3	12	3	13	2	6	10	7	11	13	10	13	9	15	9	21	9	19	10	23	7	22	7	21	6	18	7	17	7	21	7	21	6	21	6	22	366	15.3	6
„ 13	5	19	7	19	6	19	7	15	8	14	7	14	7	12	9	13	8	12	7	9	10	14	10	15	9	17	9	20	9	22	9	18	8	15	9	15	8	13	7	12	6	11	6	12	6	11	5	13	354	14.7	8
„ 14	5	14	5	15	4	16	4	14	5	12	4	12	7	16	7	18	7	17	8	18	7	18	8	19	8	17	10	22	9	16	8	15	8	17	8	16	8	18	7	18	6	15	6	21	6	22	7	23	409	17.0	7
„ 15	7	21	7	20	6	16	7	23	8	20	8	24	8	23	7	27	7	25	7	20	6	28	7	17	8	13	9	12	11	7	...	1	...	0	10	3	7	4	7	2	8	13	8	10	10	8	9	3	340	14.2	7
„ 16	9	3	30	3	29	2	...	0	...	0	...	0	29	6	27	5	25	8	26	8	23	8	20	6	23	12	24	18	24	18	28	11	31	12	31	8	2	12	3	14	3	10	2	11	4	9	1	10	194	8.1	29
„ 17	2	6	2	9	2	5	3	4	1	8	7	7	4	3	2	5	6	10	7	16	9	20	10	17	10	17	10	23	10	26	9	23	9	23	8	22	8	20	8	23	7	26	7	26	7	26	8	28	393	16.4	8
„ 18	7	28	6	30	6	30	6	30	6	25	5	20	6	17	5	17	9	20	8	23	9	26	9	23	8	23	8	21	9	25	9	26	7	32	6	26	6	27	7	25	6	25	6	20	6	22	6	22	583	24.3	7
„ 19	6	25	6	27	5	28	6	29	6	28	7	24	7	25	7	20	7	22	7	24	8	22	8	23	7	24	7	22	8	21	9	21	7	16	7	15	5	20	6	18	5	13	7	13	7	16	7	18	514	21.4	7
„ 20	6	17	6	16	7	18	6	20	7	25	5	20	7	16	7	21	7	21	7	24	7	23	9	21	8	20	7	24	8	22	10	23	9	24	8	17	7	11	7	13	6	10	9	14	7	10	7	9	439	18.3	7
„ 21	9	10	10	10	12	10	7	9	8	10	8	14	8	14	7	17	7	18	8	19	9	25	7	24	9	27	8	20	8	21	9	20	9	18	8	17	8	13	8	11	8	12	8	14	7	14	7	14	381	15.9	8
„ 22	6	14	6	16	6	17	8	18	7	17	7	19	7	19	5	19	6	14	7	12	8	16	8	22	7	20	8	18	8	16	8	18	8	14	8	13	9	14	8	16	8	14	8	12	8	14	9	12	384	16.0	7
„ 23	7	8	9	3	11	5	6	4	...	1	...	0	...	1	...	0	...	1	24	4	26	2	7	7	1	7	9	4	11	3	10	7	10	4	1	6	29	6	27	2	...	0	...	0	...	1	6	5	81	3.4	6
„ 24	6	4	10	9	7	12	7	16	6	17	6	18	7	21	7	23	7	26	7	28	7	34	7	29	7	28	7	20	8	23	9	22	9	24	8	20	8	17	9	11	10	9	8	11	6	6	7	8	436	18.2	7
„ 25	7	11	8	15	8	12	8	14	8	18	7	17	7	21	6	23	8	16	8	14	8	18	8	15	7	14	8	14	8	12	8	6	4	5	1	13	1	17	2	14	2	17	7	4	5	7	2	7	324	13.5	6
„ 26	3	8	4	13	2	20	1	12	2	12	1	13	32	12	2	9	32	6	32	13	31	8	5	5	3	7	31	17	32	10	31	11	7	10	8	13	8	11	7	8	7	7	8	2	...	1	...	0	228	9.5	2
„ 27	...	0	...	1	8	2	5	5	2	4	3	7	6	11	5	12	7	18	7	20	8	19	9	21	9	22	9	19	9	20	9	19	9	18	8	15	10	10	8	9	10	5	10	3	10	4	10	6	270	11.3	8
„ 28	7	8	7	5	8	8	4	9	4	8	6	3	9	8	9	11	8	15	9	16	9	18	8	17	8	21	9	23	8	20	8	20	8	19	9	19	9	13	9	9	8	10	8	6	10	3	...	1	290	12.1	8
„ 29	...	1	...	1	11	7	9	8	10	11	9	8	10	7	10	9	9	13	8	11	7	13	8	17	8	18	8	14	9	11	9	13	9	13	8	14	8	18	9	15	8	14	8	14	8	12	8	13	275	11.5	9
„ 30	8	11	7	11	6	10	6	9	6	10	7	7	7	7	7	11	6	8	7	10	4	7	24	7	23	8	24	9	23	16	26	28	28	25	29	21	31	18	29	14	30	7	32	9	29	6	32	6	275	11.5	31
„ 31	32	8	31	8	31	15	30	12	32	18	1	12	1	13	31	2	32	4	22	6	21	8	24	5	11	6	9	10	9	17	8	17	8	15	7	16	7	14	8	12	9	12	9	12	7	14	7	16	272	11.3	5
Sums	...	348	...	376	...	388	...	389	...	384	...	359	...	376	...	421	...	418	...	440	...	513	...	495	...	514	...	535	...	513	...	512	...	482	...	452	...	429	...	404	...	399	...	403	...	388	...	383	10321	430.0	...
Means	...	11.2	...	12.1	...	12.5	...	12.5	...	12.4	...	11.6	...	12.1	...	13.6	...	13.5	...	14.2	...	16.5	...	16.0	...	16.6	...	17.3	...	16.5	...	16.5	...	15.5	...	14.6	...	13.8	...	13.0	...	12.9	...	13.0	...	12.5	...	12.4	332.9	13.9	...

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
1899.												
March 1, ...	10	fog.	...	10	fog.	...	7	sm-cum. / fog.	...	8	cum.	...
„ 2, ...	7	sm-cum.	W	10	cum.	ENE	10	str-cum.	...	10	str-cum.	...
„ 3, ...	10	cum.	ENE	9	cum.	ENE	8	c-cum. / cum.	ENE	9	str-cum.	ENE
„ 4, ...	7	cum.	E	9	cum.	E	10	sm-cum. / str-cum.	E	6	c-cum. / cum.	ENE / E
„ 5, ...	9	cum.	E	9	cum.	E	7	str-cum.	ESE	9	str-cum.	ESE
„ 6, ...	9	cum.	E	8	cum.	E	1	cum.	...	10	str.	E
„ 7, ...	10	cum.	E	7	cum.	E	1	sm-cum.	...	1	cum.	...
„ 8, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 9, ...	9	cum.	E	10	str-cum.	...	10	str-cum.	E	10	cum.	E
„ 10, ...	0	...	...	0	...	...	0	...	...	1	cum.	...
„ 11, ...	0	...	...	0	...	...	0	...	...	10	sm-cum.	...
„ 12, ...	0	...	...	0	...	...	1	cum.	...	1	sm-cum.	...
„ 13, ...	0	...	...	10	str-cum.	ENE	9	cum.	ENE	3	sm-cum. / cum.	ENE
„ 14, ...	9	str-cum.	E	7	c-cum. / cum.	ENE	0	...	...	0	...	...
„ 15, ...	4	cum.	E	8	cum.	E	2	cum.	E	8	cum. / cum.	SSE / E
„ 16, ...	6	c-cum. / cum.	ESE	7	sm-cum. / cum.	...	9	cum.	...	10	sm-cum.	WSW
„ 17, ...	10	nim.	...	10	nim.	...	10	str-cum.	E	8	cum.	E
„ 18, ...	5	cum.	ESE	5	cum.	E	1	c-cum.	SSE	4	sm-cum.	SSE
„ 19, ...	10	str-cum.	E	9	cum.	E	10	sm-cum. / cum.	E	6	sm-cum.	W
„ 20, ...	10	str-cum.	E	10	str-cum.	E	10	sm-cum.	...	10	sm-cum. / cum.	E
„ 21, ...	4	cum.	E	8	cum.	E	10	str-cum.	...	0	...	...
„ 22, ...	8	c-cum.	...	10	str-cum.	E	3	sm-cum. / cum.	ESE	8	cum.	ESE
„ 23, ...	9	sm-cum.	...	5	sm-cum.	...	10	sm-cum.	WNW	9	sm-cum. / cum.	NNW
„ 24, ...	9	cum.	E	9	cum.	E	9	cum.	E	5	cum.	E
„ 25, ...	10	nim.	ESE	10	cum-nim.	E	10	nim.	ESE	10	str-cum.	...
„ 26, ...	10	str-cum.	ENE	10	nim.	...	10	cum-nim.	...	10	str-cum.	...
„ 27, ...	0	...	...	0	...	...	0	...	...	1	cum.	ENE
„ 28, ...	0	...	...	0	...	...	1	sm-cum.	...	0	...	...
„ 29, ...	10	cum.	SSE	10	cum-nim.	SSE	10	str-cum.	...	9	str-cum.	SSE
„ 30, ...	10	str-cum.	SSE	10	str-cum.	SSE	9	sm-cum.	W	9	cum.	SSW
„ 31, ...	10	cum.	SW	10	cum.	SW	10	sm-cum.	...	8	sm-cum.	WSW
Means,...	6.6	...	...	7.1	...	...	6.1	...	...	6.2	...	...

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	
1899.													
March 1,...	3	cum.	...	2	cum.	...	0	...	...	2	cum.	...	5.3
,, 2,...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	9.6
,, 3,...	9	str-cum.	...	2	cum.	...	2	cum.	...	3	cum.	...	6.5
,, 4,...	0	...	...	0	...	...	0	...	...	10	str-cum.	...	5.3
,, 5,...	9	cum.	SSE	10	str-cum.	SE	10	str-cum.	...	10	str-cum.	...	9.1
,, 6,...	6	sm-cum. / cum.	E	9	c-cum. / cum.	SE	3	cum.	...	0	...	...	5.8
,, 7,...	2	cum.	...	1	cum.	...	0	...	...	0	...	...	2.7
,, 8,...	2	cum.	E	6	cum.	E	8	cum.	...	6	cum.	...	2.8
,, 9,...	3	c-cum. / cum.	SE	2	c-cum.	...	0	...	...	0	...	...	5.5
,, 10,...	10	cum.	E	10	str-cum.	E	10	str-cum.	...	3	cum.	...	4.2
,, 11,...	8	sm-cum. / cum.	...	10	str-cum.	...	10	str-cum.	...	7	str-cum.	...	5.6
,, 12,...	3	sm-cum.	WNW	0	...	...	6	cum.	...	4	cum.	...	1.9
,, 13,...	1	cum.	...	0	...	...	0	...	...	0	...	...	2.9
,, 14,...	0	...	...	0	...	...	0	...	...	3	cum.	...	2.4
,, 15,...	10	str-cum.	ESE	10	str-cum.	SE	10	str-cum.	SE	10	str-cum.	...	7.8
,, 16,...	2	sm-cum.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	8.0
,, 17,...	9	sm-cum.	WNW	8	sm-cum. / cum.	E	4	cum.	E	0	...	...	7.4
,, 18,...	9	str-cum.	...	2	cum.	...	0	...	...	4	cum.	E	3.7
,, 19,...	0	...	...	0	...	...	0	...	...	8	cum.	E	5.4
,, 20,...	1	c-cum.	...	0	...	...	1	cum.	E	6	cum.	E	6.0
,, 21,...	1	sm-cum.	...	0	...	...	0	...	...	3	cum.	...	3.3
,, 22,...	1	cum.	...	2	cum.	...	0	...	...	6	sm-cum.	WSW	4.7
,, 23,...	10	str-cum.	N	5	sm-cum.	NNW	0	...	...	0	...	...	6.0
,, 24,...	5	c-cum. / cum.	E	4	c-cum.	...	0	...	...	3	cum.	ENE	5.5
,, 25,...	10	str-cum.	...	10	nim.	...	10	str-cum.	...	10	str-cum.	...	10.0
,, 26,...	3	sm-cum.	W	5	sm-cum.	W	10	sm-cum.	WSW	9	sm-cum.	W	8.4
,, 27,...	0	...	...	0	...	...	0	...	...	8	c-cum.	W	1.1
,, 28,...	9	c-cum. / cum.	WSW / ..	9	c-cum.	WSW	0	...	...	3	cum.	S	2.8
,, 29,...	10	sm-cum. / cum.	SSE	9	str-cum.	SE	9	cum.	SSE	10	cum.	S	9.6
,, 30,...	3	c-cum. / cum.	WSW / SSW	10	cum.	NW	10	cum.	NNW	10	str-cum.	...	8.9
,, 31,...	3	c-cum.	...	9	sm-cum.	WSW	4	sm-cum.	...	8	cum.	SSE	7.7
Means,...	4.9	...	...	5.0	...	...	4.1	...	...	5.4	...	...	5.7

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF MARCH, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.3	9.9	0.4	0.2	+2.9	+ 9.7	E 17° N
2 „	3.5	10.6	0.5	0.1	3.0	10.5	E 16° N
3 „	4.6	10.2	0.9	0.1	3.7	10.0	E 20° N
4 „	4.0	10.7	0.6	0.2	3.4	10.6	E 18° N
5 „	3.8	10.5	0.2	0.0	3.6	10.5	E 19° N
6 „	3.6	10.1	0.1	0.0	3.5	10.1	E 19° N
7 „	3.2	10.7	0.2	0.1	3.1	10.6	E 16° N
8 „	3.7	12.3	0.4	0.1	3.4	12.2	E 15° N
9 „	2.5	12.5	0.4	0.3	2.2	12.3	E 10° N
10 „	2.1	13.0	0.7	0.5	+1.4	12.5	E 7° N
11 „	1.9	15.1	1.9	0.6	0.0	14.5	E
Noon.	1.0	14.9	1.9	0.7	−0.9	14.2	E 4° S
1 p.	1.6	14.8	1.7	0.6	0.0	14.2	E
2 „	1.7	15.0	1.8	1.2	0.1	13.8	E
3 „	1.3	14.0	1.8	1.5	−0.5	12.5	E 2° S
4 „	2.2	13.6	2.0	1.6	+0.2	12.1	E 1° N
5 „	2.8	13.4	1.0	0.8	1.9	12.5	E 8° N
6 „	3.5	12.2	0.6	0.6	2.9	11.5	E 14° N
7 „	4.2	11.4	0.5	0.3	3.7	11.0	E 19° N
8 „	3.8	10.9	0.2	0.5	3.5	10.4	E 19° N
9 „	3.8	10.9	0.4	0.4	3.4	10.5	E 18° N
10 „	3.3	11.2	0.3	0.3	2.9	10.8	E 15° N
11 „	3.5	10.6	0.3	0.5	3.2	10.2	E 17° N
Midt.	3.1	10.8	0.3	0.3	+2.8	+10.5	E 15° N
Means,.....	3.0	12.1	0.8	0.5	+2.22	+11.57	E 11° N

PHENOMENA :—

Fog :—on the 1st, 8th, 10th, 16th and 23rd.

Slight fog :—on the 7th and 30th.

Dust haze :—on the 26th and 27th.

Unusual visibility :—on the 31st.

Dew :—on the 1st, 7th, 23rd and 27th.

Thunder without lightning :—on the 26th.

TABLE 1.

BAROMETRIC PRESSURE FOR THE MONTH OF APRIL, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.898	29.884	29.868	29.869	29.874	29.889	29.895	29.905	29.908	29.918	29.892	29.879	29.838	29.817	29.795	29.784	29.781	29.783	29.794	29.804	29.808	29.811	29.821	29.816	29.847
„ 2,...	.805	.795	.790	.794	.801	.823	.835	.855	.862	.858	.848	.826	.802	.774	.756	.747	.745	.754	.773	.787	.796	.807	.803	.800	.801
„ 3,...	.791	.778	.762	.762	.775	.787	.813	.822	.823	.820	.813	.777	.739	.711	.686	.678	.678	.686	.703	.720	.734	.750	.756	.758	.755
„ 4,...	.749	.730	.708	.703	.709	.726	.745	.764	.780	.776	.766	.747	.720	.701	.689	.688	.690	.714	.734	.753	.778	.800	.815	.809	.741
„ 5,...	.801	.790	.775	.781	.800	.820	.851	.864	.892	.884	.904	.913	.853	.842	.839	.821	.831	.846	.865	.887	.906	.924	.944	.947	.858
„ 6,...	.895	.885	.869	.870	.899	.925	.949	.977	.984	.989	.981	.978	.945	.938	.922	.928	.931	.954	.973	.993	30.005	30.013	30.030	30.019	.952
„ 7,...	30.001	30.002	.991	.986	30.000	30.025	30.056	30.086	30.093	30.101	30.093	30.074	30.045	30.020	30.003	.986	.982	.989	30.009	30.028	.060	.066	.067	.065	30.035
„ 8,...	.048	.028	30.019	30.022	.033	.042	.062	.078	.091	.084	.064	.057	.008	29.996	29.975	.977	.978	.988	.003	.016	.041	.042	.036	.028	.030
„ 9,...	.013	.001	29.988	29.987	29.991	.020	.048	.070	.087	.088	.079	.050	.012	.981	.964	.960	.962	.969	29.990	.009	.028	.048	.043	.026	.017
„ 10,...	.011	29.994	.987	.983	30.000	.013	.019	.033	.049	.050	.044	.027	.001	.980	.956	.956	.951	.957	.970	29.985	.004	.019	.015	.006	.000
„ 11,...	29.996	.982	.967	.983	29.990	.002	.010	.026	.041	.054	.040	.027	.002	.966	.939	.915	.905	.910	.915	.925	29.931	29.939	29.938	29.926	29.972
„ 12,...	.912	.897	.880	.880	.893	29.900	29.914	29.932	29.934	29.923	29.919	29.907	29.887	.860	.851	.831	.831	.831	.846	.854	.862	.863	.863	.860	.880
„ 13,...	.852	.835	.812	.811	.827	.839	.853	.869	.881	.885	.879	.857	.831	.808	.794	.789	.793	.801	.811	.826	.843	.863	.870	.859	.837
„ 14,...	.861	.851	.837	.840	.852	.861	.882	.905	.922	.920	.904	.875	.854	.823	.806	.794	.792	.799	.810	.826	.846	.855	.853	.848	.851
„ 15,...	.844	.839	.837	.850	.867	.885	.908	.936	.944	.946	.942	.915	.878	.849	.837	.827	.824	.837	.842	.858	.875	.882	.879	.879	.874
„ 16,...	.864	.853	.841	.830	.830	.830	.844	.850	.857	.856	.827	.805	.788	.748	.726	.712	.696	.710	.716	.732	.753	.755	.763	.757	.789
„ 17,...	.743	.731	.706	.710	.725	.742	.755	.763	.767	.759	.753	.741	.718	.690	.681	.669	.677	.679	.705	.726	.755	.785	.798	.778	.731
„ 18,...	.778	.762	.755	.752	.757	.778	.792	.815	.849	.832	.838	.841	.833	.793	.795	.783	.771	.776	.792	.811	.830	.841	.831	.823	.801
„ 19,...	.813	.788	.781	.794	.804	.815	.836	.847	.853	.849	.838	.826	.797	.761	.738	.724	.721	.733	.747	.760	.777	.789	.779	.769	.789
„ 20,...	.759	.733	.716	.693	.693	.713	.725	.741	.753	.764	.752	.734	.712	.681	.713	.708	.705	.732	.748	.760	.766	.779	.787	.788	.736
„ 21,...	.776	.755	.737	.738	.748	.769	.788	.811	.820	.816	.794	.777	.755	.735	.742	.744	.746	.769	.783	.796	.803	.808	.816	.817	.777
„ 22,...	.810	.811	.813	.817	.817	.846	.854	.889	.893	.891	.881	.855	.832	.805	.794	.786	.793	.806	.815	.829	.835	.843	.839	.816	.832
„ 23,...	.817	.804	.775	.766	.770	.788	.796	.813	.821	.827	.827	.804	.769	.745	.731	.725	.725	.724	.733	.755	.763	.777	.776	.766	.775
„ 24,...	.741	.714	.713	.715	.716	.714	.743	.768	.778	.782	.779	.760	.740	.715	.704	.694	.693	.712	.726	.764	.767	.782	.780	.791	.741
„ 25,...	.793	.718	.750	.749	.764	.802	.824	.835	.856	.870	.861	.857	.845	.828	.816	.811	.812	.816	.840	.867	.882	.882	.872	.860	.825
„ 26,...	.855	.840	.842	.844	.858	.864	.879	.892	.913	.918	.905	.896	.882	.857	.854	.846	.841	.845	.863	.885	.897	.896	.888	.875	.872
„ 27,...	.856	.841	.820	.812	.821	.828	.848	.875	.882	.888	.873	.860	.851	.830	.815	.811	.808	.813	.820	.835	.856	.865	.868	.858	.843
„ 28,...	.841	.828	.819	.825	.828	.832	.839	.849	.874	.875	.871	.865	.852	.829	.817	.808	.800	.799	.820	.844	.865	.887	.894	.884	.844
„ 29,...	.881	.875	.858	.868	.872	.882	.890	.902	.906	.913	.901	.877	.858	.830	.812	.808	.785	.795	.816	.850	.874	.873	.872	.864	.861
„ 30,...	.850	.835	.814	.810	.809	.821	.832	.840	.848	.829	.816	.804	.783	.768	.745	.731	.722	.721	.722	.744	.759	.769	.773	.768	.788
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.855	29.839	29.828	29.828	29.837	29.853	29.869	29.887	29.899	29.899	29.889	29.874	29.848	29.823	29.810	29.801	29.799	29.808	29.823	29.841	29.857	29.867	29.869	29.862	29.848

TABLE II.

TEMPERATURE FOR THE MONTH OF APRIL, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	63.5	63.7	63.8	63.2	63.2	62.8	63.1	63.4	63.7	63.6	63.6	64.3	64.5	64.6	64.5	64.0	64.1	63.9	64.5	64.7	64.9	64.8	65.7	66.1	64.1	66.1	62.8
„ 2,	66.2	66.8	67.5	67.7	67.3	67.3	66.9	68.6	69.6	69.6	70.0	71.9	75.0	72.1	71.9	70.4	70.7	70.4	70.6	72.1	71.2	71.2	71.6	70.8	69.9	75.7	64.5
„ 3,	70.8	70.7	70.8	70.7	70.8	71.9	71.2	71.6	73.7	72.0	75.6	73.3	73.5	73.5	73.7	73.6	72.6	72.1	72.4	72.0	72.0	71.9	71.8	72.3	72.3	76.4	70.3
„ 4,	72.7	73.6	73.6	74.2	74.3	74.5	75.1	75.5	75.5	76.0	76.7	79.7	79.7	80.8	80.5	80.0	78.6	75.9	75.5	74.4	74.1	73.6	72.8	73.0	75.8	81.8	71.5
„ 5,	72.6	71.5	70.6	70.5	68.8	68.4	67.5	66.7	65.4	65.4	65.6	65.3	64.6	64.9	64.3	64.6	64.3	64.1	64.9	64.4	64.8	65.4	64.7	64.6	66.4	73.6	63.7
„ 6,	64.3	63.9	64.0	63.5	63.5	62.9	63.3	63.8	64.4	64.3	64.6	64.3	64.6	63.6	62.7	62.9	62.7	62.4	62.4	62.3	62.5	63.0	62.2	61.8	63.3	64.8	61.1
„ 7,	61.0	60.8	61.2	59.8	59.5	59.2	59.8	60.6	61.4	61.6	61.8	61.6	60.6	60.6	61.6	62.3	62.5	61.2	60.8	60.6	60.4	60.1	60.1	59.6	60.8	63.2	59.2
„ 8,	59.7	60.6	60.5	60.5	60.4	60.1	60.6	60.9	61.5	62.0	62.6	63.6	65.0	64.4	65.4	64.2	63.1	61.5	60.4	60.4	60.3	61.0	61.3	61.0	61.7	65.8	59.3
„ 9,	61.5	61.3	60.4	60.2	59.8	59.9	59.9	60.6	61.8	62.7	64.4	67.1	68.0	67.5	67.7	65.7	65.2	64.4	64.2	64.1	64.3	64.6	65.2	65.4	63.6	68.3	59.6
„ 10,	65.5	64.8	64.6	64.0	64.6	64.8	64.8	65.6	66.8	67.6	67.6	68.5	67.9	67.8	67.2	66.8	66.7	66.5	66.5	66.3	66.1	65.3	65.1	65.2	66.1	68.9	63.4
„ 11,	65.5	65.8	65.8	66.1	65.8	65.8	65.7	66.6	66.9	66.8	68.2	67.9	68.7	70.6	70.0	71.6	71.3	70.8	68.8	67.1	66.7	65.8	65.9	65.9	67.5	72.2	64.9
„ 12,	65.4	65.4	65.5	65.7	66.0	66.2	67.7	68.8	71.3	71.3	70.7	71.9	74.0	73.2	73.1	72.4	71.4	69.9	69.2	70.7	69.7	69.5	70.0	69.7	69.5	75.8	65.2
„ 13,	69.4	69.7	70.0	69.8	69.6	69.7	70.0	71.8	74.4	75.4	75.7	75.7	76.0	78.7	74.7	74.1	73.8	73.4	72.2	71.5	70.7	70.6	70.0	69.6	72.4	79.5	68.6
„ 14,	69.9	69.8	69.6	69.5	69.5	69.7	70.5	72.0	73.9	75.7	77.4	78.2	81.0	82.0	81.4	80.4	80.3	78.6	77.2	76.1	75.4	75.2	75.1	73.8	75.1	83.0	68.8
„ 15,	73.1	70.3	69.6	68.6	68.2	67.8	68.4	69.4	69.7	70.7	71.2	71.2	71.7	71.5	71.8	70.7	69.6	69.6	68.6	69.1	69.5	69.4	69.8	69.8	70.0	76.3	67.5
„ 16,	70.0	69.7	69.2	68.7	68.2	68.4	68.6	69.5	69.9	70.4	72.4	71.8	73.3	72.2	72.2	72.0	71.8	71.5	70.6	70.3	70.7	70.6	71.1	70.4	70.6	73.3	67.3
„ 17,	70.3	70.2	70.3	70.5	70.8	71.1	72.6	73.7	73.7	75.0	76.7	77.8	80.1	80.0	79.6	78.6	78.4	76.8	74.4	74.0	74.2	74.3	74.0	73.1	74.6	81.5	70.1
„ 18,	71.9	71.5	71.5	71.1	70.9	71.1	71.3	71.7	72.6	73.6	75.3	74.7	71.9	72.3	72.5	73.0	73.0	73.4	71.0	70.9	70.9	70.6	70.3	69.8	72.0	76.0	69.8
„ 19,	69.8	69.5	70.2	70.9	70.8	70.6	71.4	72.3	72.9	73.7	75.6	72.6	72.0	72.3	72.3	72.0	72.2	72.3	72.4	72.6	72.4	72.4	72.5	72.3	72.0	75.0	69.3
„ 20,	72.5	72.5	72.7	72.9	72.6	72.6	72.6	73.3	73.5	72.6	72.3	71.7	70.8	70.6	69.8	69.8	70.5	70.4	70.5	70.6	70.7	70.5	70.6	70.9	71.6	73.8	69.5
„ 21,	70.8	70.8	70.6	70.5	70.0	69.9	70.9	71.3	73.4	74.6	76.2	77.8	79.2	79.7	78.7	75.1	75.6	76.5	74.9	72.4	72.3	72.2	72.0	71.4	73.6	79.7	69.1
„ 22,	70.7	70.5	69.6	69.1	68.7	68.6	69.5	70.6	71.0	70.4	72.6	72.8	73.0	72.3	72.2	72.1	71.7	71.4	71.4	71.3	71.6	71.7	71.8	71.5	71.1	73.3	68.6
„ 23,	71.8	71.4	70.6	70.3	70.2	70.1	70.8	70.6	70.9	71.3	70.9	71.0	71.6	71.6	71.7	71.0	70.2	69.9	69.6	69.6	69.7	69.5	69.7	69.8	70.6	72.5	69.3
„ 24,	69.8	69.6	69.4	69.2	69.2	69.0	69.5	70.1	71.3	71.4	70.5	71.3	70.7	70.6	69.8	69.7	69.7	69.6	70.0	69.7	69.8	69.5	69.5	69.5	69.9	71.9	69.0
„ 25,	69.6	69.8	69.4	69.8	70.0	69.3	68.9	69.7	69.9	70.1	70.8	70.6	71.3	73.0	72.5	71.8	71.3	71.0	70.6	70.6	70.6	70.7	70.5	70.3	70.5	74.4	68.5
„ 26,	70.7	70.5	70.4	70.2	70.5	70.6	70.8	71.6	71.7	73.4	74.5	75.7	74.4	73.3	72.6	72.1	71.8	71.6	71.6	71.8	71.8	71.9	71.7	71.1	71.9	76.1	70.0
„ 27,	70.9	70.5	70.1	69.6	69.3	69.3	69.9	70.6	71.3	71.7	71.8	72.7	71.3	71.4	71.0	70.6	70.3	70.2	70.1	69.8	69.8	70.4	70.3	69.8	70.5	73.2	68.8
„ 28,	70.7	71.3	70.8	70.6	70.7	70.8	71.8	72.7	73.7	75.6	76.3	75.7	75.6	74.5	74.7	74.1	73.7	72.5	72.3	71.5	71.5	71.8	71.5	71.2	72.7	77.9	69.3
„ 29,	70.8	70.8	70.7	70.8	70.8	71.2	72.9	73.6	73.5	75.6	76.2	75.7	75.6	76.8	74.5	73.9	73.6	72.9	72.3	72.6	72.2	72.2	72.2	71.9	73.1	77.0	69.7
„ 30,	71.8	71.8	71.8	71.6	71.5	71.4	72.3	73.9	75.8	75.9	77.2	75.9	74.7	76.8	74.5	75.6	74.4	74.2	73.7	72.6	72.3	71.6	71.5	71.2	73.5	78.8	71.2
.....	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	68.8	68.6	68.5	68.3	68.2	68.2	68.6	69.4	70.2	70.7	71.5	71.7	72.0	72.1	71.6	71.2	70.8	70.3	69.8	69.5	69.4	69.4	69.4	69.1	69.9	74.2	67.0

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF APRIL, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	59.6	59.8	60.3	59.8	59.4	59.5	59.6	59.6	60.5	60.6	60.7	61.3	61.3	61.8	62.5	62.2	63.0	63.4	63.6	64.0	64.2	64.3	64.5	65.0	61.7	98.2
" 2, ...	65.2	65.1	66.4	67.0	66.6	66.6	66.1	67.6	68.2	68.0	68.4	69.0	69.9	69.5	69.4	68.7	69.5	69.3	69.5	69.8	69.6	69.6	69.7	69.5	68.3	125.5
" 3, ...	69.5	69.8	70.0	69.7	69.8	70.0	70.0	70.0	70.4	70.0	70.0	70.5	70.9	70.7	70.9	71.0	70.8	70.6	70.5	70.5	70.9	70.9	70.9	71.3	70.4	126.3
" 4, ...	71.5	71.9	71.7	72.2	72.2	72.5	72.4	73.3	73.2	73.1	73.0	72.7	72.3	72.8	72.6	72.8	72.7	72.3	72.2	71.4	71.6	71.3	71.0	71.3	72.3	129.1
" 5, ...	70.7	70.0	68.7	67.1	66.5	65.0	64.6	65.1	63.7	63.6	63.3	62.9	63.2	63.3	62.0	62.3	62.6	62.0	62.4	62.6	63.0	63.6	63.6	63.6	64.4	83.6
" 6, ...	63.2	63.0	62.7	61.9	61.7	61.4	61.3	61.7	61.6	61.7	61.8	61.5	61.6	61.4	61.6	61.9	61.9	61.5	61.5	61.2	61.6	61.6	61.1	60.7	61.7	78.4
" 7, ...	60.3	59.9	60.0	58.5	58.5	58.0	58.5	58.7	58.9	59.4	58.7	58.7	58.0	58.1	58.7	58.1	58.8	57.3	57.2	56.8	56.8	56.9	56.8	56.6	58.3	87.2
" 8, ...	56.8	57.0	56.7	56.4	56.9	56.8	57.4	57.6	58.3	58.7	58.6	59.5	60.0	59.8	60.1	59.2	58.2	57.6	56.9	57.0	56.9	57.0	57.5	57.4	57.8	101.3
" 9, ...	57.5	57.4	57.4	57.4	56.9	57.3	56.8	56.7	57.8	58.2	59.0	60.1	61.5	61.4	61.8	60.8	60.6	60.4	60.4	60.3	61.1	61.3	61.5	61.6	59.4	129.4
" 10, ...	61.8	61.7	61.4	61.7	61.7	61.5	61.6	61.8	62.5	62.6	62.7	63.2	63.5	63.2	62.7	62.2	62.4	62.1	62.7	62.2	62.3	62.3	62.0	62.1	62 2	111.5
" 11, ...	62.3	62.6	62.8	62.8	62.2	62.3	62.3	62.8	62.8	62.2	63.4	63.3	63.5	64.0	63.3	64.0	64.0	65.1	64.0	63.4	63.2	63.2	63.5	63.5	63.2	125.5
" 12, ...	63.4	63.3	63.3	63.4	63.7	63.9	65.0	65.8	66.0	66.8	66.5	66.3	67.5	67.1	67.4	67.6	67.5	66.9	66.1	66.5	66.7	67.1	67.3	67.3	65.9	139.1
" 13, ...	68.2	68.6	68.9	68.5	68.6	68.7	69.0	70.2	70.7	71.3	71.0	71.0	70.2	72.0	71.0	70.4	69.9	70.0	70.1	69.6	69.4	69.4	68.9	68.3	69.7	138.2
" 14, ...	69.2	69.0	68.8	68.5	68.5	68.8	69.0	70.3	70.2	70.8	71.8	71.7	72.4	72.7	71.8	70.4	70.1	69.3	68.5	68.6	68.2	68.1	67.3	67.5	69.6	136.1
" 15, ...	67.6	67.0	67.3	66.9	66.6	65.8	65.6	65.4	65.4	65.9	66.2	65.0	66.5	65.6	64.7	65.2	65.1	65.6	65.0	65.2	66.0	66.0	66.8	66.2	65.9	135.0
" 16, ...	66.4	66.3	66.5	66.7	66.7	66.8	67.3	67.8	68.2	68.0	68.9	68.4	69.2	68.9	69.0	69.1	69.1	68.9	68.8	68.6	68.9	69.3	69.6	69.6	68.2	132.6
" 17, ...	69.6	69.5	69.4	69.6	69.6	69.9	70.5	71.1	71.0	71.5	72.0	72.4	73.9	70.9	71.9	71.1	71.6	71.4	71.0	70.9	71.4	71.6	71.0	71.2	71.0	145.5
" 18, ...	70.4	70.4	70.3	70.0	70.2	70.5	70.6	70.9	71.3	71.7	72.6	72.0	69.4	70.1	70.3	70.5	69.5	70.6	69.8	69.5	69.4	69.4	69.5	69.0	70.3	108.7
" 19, ...	68.8	68.8	69.1	69.8	69.7	69.6	70.2	70.6	70.8	70.7	72.3	70.7	70.6	70.9	70.8	70.8	70.2	70.7	71.0	71.2	71.0	71.0	71.1	70.9	70.5	125.5
" 20, ...	71.2	71.3	71.4	71.5	71.4	71.4	71.6	71.7	71.6	71.4	71.0	70.6	69.9	69.8	69.5	69.6	69.7	69.7	70.0	70.2	70.0	70.0	70.0	70.2	70.6	99.1
" 21, ...	70.0	70.0	69.7	69.7	69.4	69.4	70.3	70.3	71.3	70.0	70.6	71.5	70.8	71.9	69.8	70.1	70.0	69.8	68.9	69.6	68.9	69.4	69.3	68.6	70.0	136.2
" 22, ...	68.7	68.3	67.4	66.7	66.0	66.3	66.4	66.7	67.1	66.6	66.7	65.7	64.9	64.6	64.4	64.0	64.2	64.3	64.8	65.4	64.5	65.0	65.6	66.0	65.8	129.7
" 23, ...	65.8	65.4	65.5	65.7	65.9	66.2	67.2	66.8	66.9	66.9	66.8	66.6	67.4	68.2	68.4	68.0	67.7	67.4	67.5	67.1	67.0	66.9	67.2	67.3	66.9	125.7
" 24, ...	67.6	67.6	67.2	67.2	67.2	67.0	67.4	67.8	68.6	68.6	68.5	68.6	68.4	68.3	67.9	68.2	68.2	68.4	67.5	68.7	68.7	68.5	68.4	68.2	68.0	121.0
" 25, ...	68.2	67.6	67.4	67.5	67.6	67.7	67.8	67.6	67.6	67.7	67.9	67.6	68.3	68.9	68.8	68.2	68.2	68.1	68.0	67.9	68.0	68.1	68.0	67.8	67.9	119.4
" 26, ...	68.2	68.1	67.8	67.0	65.8	64.8	65.8	66.4	66.2	66.5	66.6	67.7	67.0	67.7	67.5	66.6	66.4	66.0	66.1	66.7	66.7	66.3	66.2	65.6	66.7	142.1
" 27, ...	65.1	64.9	64.5	63.7	64.7	65.2	64.6	65.6	66.6	65.6	65.1	65.8	65.1	66.0	65.8	65.7	64.3	64.1	64.6	65.0	64.7	66.3	66.6	66.9	65.3	115.2
" 28, ...	66.8	66.2	66.6	66.3	66.4	66.9	66.9	67.1	67.9	67.0	66.6	68.0	68.0	67.9	67.3	67.5	67.6	68.2	68.5	68.2	68.6	68.6	68.4	68.6	67.5	131.8
" 29, ...	68.5	68.6	68.1	67.8	67.8	67.9	69.3	69.6	69.3	70.0	70.1	70.3	70.2	70.8	69.1	69.9	69.7	69.6	69.7	70.0	69.8	70.0	70.1	70.6	69.5	132.6
" 30, ...	69.6	69.6	69.6	69.3	68.6	68.6	69.4	70.1	70.2	70.1	71.2	70.7	70.1	70.9	70.1	69.6	68.6	69.2	70.6	70.1	70.0	69.6	69.7	69.8	69.8	129.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	66.4	66.3	66.2	66.0	65.9	65.9	66.1	66.6	66.8	66.8	67.1	67.1	67.2	67.3	67.0	66.9	66.7	66.7	66.6	66.6	66.6	66.8	66.8	66.7	66.6	121.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF APRIL, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	88	0.621	April 1,.....	86	0.520
2 „	88	.620	„ 2,.....	92	.672
3 „	88	.618	„ 3,.....	91	.720
4 „	88	.614	„ 4,.....	84	.747
5 „	88	.612	„ 5,.....	89	.579
6 „	88	.612	„ 6,.....	91	.531
7 „	87	.613	„ 7,.....	85	.455
8 „	86	.621	„ 8,.....	78	.429
9 „	83	.618	„ 9,.....	77	.452
10 „	81	.611	„ 10,.....	79	.509
11 „	78	.612	„ 11,.....	78	.524
Noon.	78	.608	„ 12,.....	82	.590
1 p.	77	.607	„ 13,.....	87	.692
2 „	77	.610	„ 14,.....	75	.651
3 „	78	.606	„ 15,.....	80	.583
4 „	79	.607	„ 16,.....	88	.660
5 „	80	.606	„ 17,.....	83	.712
6 „	82	.610	„ 18,.....	92	.720
7 „	84	.615	„ 19,.....	93	.727
8 „	85	.620	„ 20,.....	95	.737
9 „	86	.621	„ 21,.....	83	.687
10 „	87	.632	„ 22,.....	74	.565
11 „	87	.632	„ 23,.....	82	.611
Midt.	87	.629	„ 24,.....	90	.661
			„ 25,.....	87	.649
			„ 26,.....	75	.586
			„ 27,.....	74	.556
			„ 28,.....	75	.605
			„ 29,.....	83	.673
			„ 30,.....	82	.680
			.....	...	...
Means,.....	84	0.616	Means.	84	0.616

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.
1899.														
April 1,.....	...	...	0.1	0.2	...	...	...	...	...	...	...	...	...	0.3
„ 2,.....	...	...	...	...	...	...	...	0.9	0.4	...	...	...	...	1.3
„ 3,.....	...	...	...	...	...	...	...	0.2	0.3	1.0	0.1	...	...	1.6
„ 4,.....	...	...	0.1	0.3	0.5	0·1	0.4	0.1	1.0	1.0	0.9	...	...	4.4
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	0.8	0.9	1.0	0.6	...	...	...	3.3
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	0.2	0.6	1.0	1.0	0 8	...	3.6
„ 12,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.4	0.3	...	8.8
„ 13,.....	...	0.2	0.9	1.0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.2	...	8.9
„ 14,.....	...	...	0.3	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	8.4
„ 15,.....	...	...	0.3	...	...	0.1	0.9	1.0	1.0	0.9	1.0	0.8	...	6.0
„ 16,.....	...	...	0.1	...	...	0.6	0.2	0.5	0.6	0.3	0.6	0.1	...	3.0
„ 17,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.7	...	...	0.1	...	7.2
„ 18,.....	...	...	...	...	...	...	...	...	...	...	0.2	0.9	...	1.1
„ 19,.....	...	...	0.1	...	...	0.3	...	...	...	...	...	...	...	0.4
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	0.3	...	0.9	0.8	0.8	0.4	0.2	0.2	0 2	...	3.8
„ 22,.....	...	...	0.1	0.2	...	0.4	1.0	1.0	0.2	...	...	...	...	2.9
„ 23,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 24,.....	...	...	...	0.2	0.1	...	...	...	...	...	...	...	...	0.3
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	0.5	1.0	0.9	0.7	0.1	...	...	...	...	3.2
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	0.9	1.0	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.3
„ 29,.....	...	0.9	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.4	0.2	0.1	...	8.1
„ 30,.....	...	...	0.1	0.6	0.5	1.0	0.7	0.4	0.4	0.4	0.7	0.3	...	5.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	3.1	5.9	6.9	7.0	10.4	11.7	12.7	11.3	9.6	8.2	5.3	...	92.1

TABLE VI.

RAINFALL FOR THE MONTH OF APRIL, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration Hours.
April 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.005	...	...	...	...	...	0.010	8
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	0.020	0.005	0.030	0.015	0.015	0.010	0.010	...	...	...	...	...	...	...	...	0.005	0.015	0.040	0.165	12
" 6,	0.010	0.010	0.005	0.005	...	...	...	...	...	...	...	...	...	0.010	0.050	0.050	0.070	0.020	...	...	...	...	...	...	0.230	11
" 7,	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	10
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	3
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	0.005	0.225	0.120	0.230	0.045	0.005	...	0.005	0.005	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	0.650	8
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
" 20,	...	...	...	...	0.005	0.010	...	...	...	...	...	...	0.030	0.260	1.360	0.300	0.060	0.010	0.015	...	...	...	...	...	2.050	11
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	1
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	0.010	2
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.010	0.025	0.230	0.125	0.235	0.065	0.030	0.005	0.035	0.020	0.015	0.010	0.050	0.270	1.415	0.360	0.130	0.030	0.020	...	...	0.005	0.015	0.040	3.140	73

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF APRIL, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
April 1,	7	12	7	13	7	18	7	21	7	22	7	21	7	24	7	28	7	28	7	22	7	33	7	24	7	24	7	23	7	24	7	24	7	23	7	21	8	20	7	19	8	20	8	15	8	11	9	14	504	21.0	7
„ 2,	7	13	6	10	5	10	7	15	9	15	8	14	8	16	8	15	9	16	9	16	9	15	10	12	12	12	9	13	10	11	9	11	9	17	8	14	9	11	14	7	11	4	12	7	9	8	7	9	291	12.1	9
„ 3,	6	7	10	6	8	9	8	8	8	8	13	11	7	7	11	9	13	10	8	11	15	12	8	12	8	17	8	16	9	19	8	16	8	14	9	11	10	8	8	8	8	7	8	9	8	8	8	6	249	10.4	9
„ 4,	9	4	15	4	15	5	15	6	14	5	15	6	14	4	28	3	29	5	25	10	25	8	21	10	20	12	20	12	21	12	19	8	22	5	25	4	...	0	...	1	...	1	...	0	...	1	...	1	127	5.3	20
„ 5,	3	5	26	8	23	3	...	1	29	3	8	9	7	27	7	38	7	42	7	39	6	36	5	27	7	33	6	30	6	28	6	34	6	31	6	34	6	37	7	31	7	36	5	32	5	25	6	30	619	25.8	6
„ 6,	6	39	6	42	6	36	6	39	6	37	7	33	6	32	7	29	7	32	7	36	6	29	5	23	6	23	5	20	6	10	28	4	...	1	31	4	2	2	3	3	7	6	5	11	5	7	6	8	506	21.1	6
„ 7,	3	9	2	6	1	2	2	2	3	5	32	8	32	2	32	5	2	5	32	6	32	12	1	11	1	11	1	8	2	8	...	1	4	3	2	11	1	11	1	9	1	5	1	4	1	4	32	4	152	6.3	1
„ 8,	1	6	5	12	6	9	5	10	2	5	4	4	3	2	3	2	2	4	4	5	3	4	3	2	6	2	25	10	23	5	32	9	32	11	32	10	32	7	32	5	32	8	1	7	...	1	...	1	141	5.9	1
„ 9,	2	6	2	4	2	4	...	1	...	1	2	3	2	8	1	2	3	2	1	3	9	9	10	7	11	9	10	9	9	11	9	16	9	13	9	14	9	12	8	10	6	7	2	5	2	4	6	8	168	7.0	7
„ 10,	5	9	9	12	6	11	7	11	6	11	7	14	6	15	7	13	7	14	7	12	7	16	8	12	9	13	9	17	9	18	9	15	8	16	7	11	7	10	7	10	8	9	9	11	6	9	6	10	299	12.5	7
„ 11,	6	11	6	10	8	13	6	12	6	15	6	16	7	17	7	16	6	18	7	15	6	16	8	11	6	9	11	5	11	5	11	3	...	1	...	1	...	1	11	3	...	1	...	0	11	4	7	8	211	8.8	7
„ 12,	7	8	7	10	7	10	7	12	9	12	8	15	8	12	8	10	9	8	8	21	9	22	8	17	8	12	8	11	8	6	8	8	8	12	8	16	8	15	8	13	9	13	8	14	6	11	8	9	297	12.4	8
„ 13,	8	13	8	8	8	6	6	7	6	8	7	8	7	10	9	10	9	10	9	7	8	13	8	11	9	9	4	4	8	9	7	9	7	8	7	3	...	1	...	1	...	0	...	0	...	1	2	4	160	6.7	8
„ 14,	...	1	29	2	...	1	...	1	...	1	...	0	...	0	29	4	24	8	24	8	23	9	24	9	22	12	22	13	21	11	22	13	22	11	23	11	23	8	23	4	23	5	23	2	3	3	3	3	140	5.8	23
„ 15,	7	30	7	32	7	30	7	31	7	30	7	34	7	34	7	35	6	34	7	37	7	36	7	38	7	38	8	34	7	33	8	35	9	34	8	21	8	20	8	17	8	17	7	17	8	20	7	16	703	29.3	7
„ 16,	6	17	6	15	7	16	6	16	7	15	6	18	6	12	7	13	8	11	7	14	8	23	9	19	9	17	8	16	8	16	8	18	8	15	8	11	8	14	8	12	7	11	9	9	5	6	6	7	341	14.2	7
„ 17,	7	7	7	5	8	6	8	7	6	5	9	6	8	8	8	10	7	14	7	11	8	9	16	12	17	10	15	11	16	11	16	8	18	3	18	3	26	3	...	1	26	2	26	2	7	8	8	14	176	7.3	10
„ 18,	32	4	...	1	6	5	6	3	3	3	...	0	8	3	7	5	9	6	8	3	8	3	21	8	26	6	31	3	...	1	7	4	8	5	...	1	29	2	...	0	1	3	7	3	...	0	...	0	72	3.0	5
„ 19,	...	0	...	0	7	3	10	16	9	19	8	15	8	15	9	13	8	17	7	16	7	19	6	19	7	18	8	20	8	19	8	20	9	20	9	22	8	26	9	27	9	25	10	22	9	25	9	25	421	17.5	8
„ 20,	9	20	8	19	10	19	9	21	8	21	8	20	8	20	7	18	8	19	8	16	7	20	7	17	7	19	8	21	19	11	14	8	9	17	7	11	8	5	...	1	...	0	...	0	...	0	21	5	328	13.7	8
„ 21,	27	2	...	1	...	1	...	1	...	1	22	3	25	2	...	1	24	5	26	6	21	6	21	4	18	6	18	2	31	3	15	6	3	3	2	3	...	1	31	3	...	0	...	1	31	4	6	20	85	3.5	27
„ 22,	6	22	6	18	7	19	7	20	7	26	7	20	6	22	6	22	6	26	6	23	6	28	6	28	7	27	7	25	7	28	7	22	7	20	8	26	7	25	7	27	7	30	8	23	8	27	7	24	578	24.1	7
„ 23,	7	26	6	23	7	23	7	22	7	24	7	21	8	24	6	24	6	22	6	23	7	26	7	29	8	30	7	28	8	24	7	26	7	21	7	24	8	25	7	21	7	25	7	22	8	20	8	24	577	24.0	7
„ 24,	8	20	8	20	7	20	7	21	8	22	8	25	8	22	8	20	7	20	7	20	8	24	8	26	8	22	7	23	8	17	9	20	8	20	8	20	9	22	8	17	8	20	7	18	7	17	8	15	491	20.5	8
„ 25,	8	12	7	16	7	16	7	14	6	12	8	16	8	16	6	19	5	13	4	14	3	11	5	10	6	8	9	6	9	11	9	11	9	11	9	14	9	14	8	14	8	11	7	12	6	14	7	14	309	12.9	7
„ 26,	6	9	6	10	7	11	7	15	7	19	7	25	8	26	7	21	8	25	7	26	7	32	7	31	7	27	9	29	9	25	7	21	7	24	7	25	7	24	7	25	7	22	7	27	7	25	6	31	555	23.1	7
„ 27,	6	31	6	25	5	23	7	23	6	14	7	13	7	9	7	7	7	8	5	10	7	18	8	15	9	11	7	12	7	12	6	9	8	13	8	14	8	18	7	12	7	8	7	10	7	12	6	11	338	14.1	7
„ 28,	7	8	6	11	7	15	7	13	7	15	7	16	7	20	7	13	8	14	8	15	9	20	9	18	8	21	8	24	8	24	9	21	10	20	10	18	10	14	9	10	9	9	7	11	7	9	7	8	367	15.3	8
„ 29,	7	3	10	6	10	5	10	6	10	7	8	11	7	11	8	13	9	19	10	19	10	21	10	20	9	20	9	19	8	15	8	16	8	18	8	13	8	11	8	6	8	5	9	9	8	5	8	6	284	11.8	9
„ 30,	8	8	8	5	10	7	10	10	9	13	8	12	9	10	9	9	10	10	9	16	9	16	8	15	8	11	8	6	8	8	8	6	8	6	...	1	...	1	3	3	...	1	32	2	32	2	...	1	179	7.5	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	362	...	354	...	356	...	385	...	394	...	417	...	430	...	427	...	465	...	480	...	546	...	497	...	489	...	470	...	435	...	422	...	416	...	392	...	368	...	320	...	311	...	305	...	291	...	336	9668	402.8	...
Means,	...	12.1	...	11.8	...	11.9	...	12.8	...	13.1	...	13.9	...	14.3	...	14.2	...	15.5	...	16.0	...	18.2	...	16.6	...	16.3	...	15.7	...	14.5	...	14.1	...	13.9	...	13.1	...	12.3	...	10.7	...	10.4	...	10.2	...	9.7	...	11.2	322.3	13.4	...

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
1899.												
April 1, ...	9	cum.	SE	10	nim.	E	10	cum.	E	10	nim.	E
„ 2, ...	10	nim.	S	10	cum.	SSW	10	cum-nim.	SSW	10	cum-nim.	SSW
„ 3, ...	7	cum.	S	10	cum.	S	10	cum-nim.	...	10	cum.	SSW
„ 4, ...	10	cum.	S	10	cum.	S	10	cum.	SSW	10	cum.	SW
„ 5, ...	8	cum.	SE	10	nim.	ESE	10	nim.	...	10	nim.	E
„ 6, ...	10	nim.	E	10	nim.	E	10	cum-nim.	E	10	cum-nim.	E
„ 7, ...	10	nim.	...	10	nim.	...	10	cum-nim.	ENE	10	nim.	ENE
„ 8, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...
„ 9, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	W
„ 10, ...	10	str-cum.	E	10	str-cum.	E	10	cum.	ENE	10	cum.	ENE
„ 11, ...	10	str-cum.	E	10	str-cum.	E	10	cum.	ENE	10	str-cum.	E
„ 12, ...	0	...	...	0	...	...	0	...	...	1	cum.	S
„ 13, ...	9	nim.	ESE	9	cum.	ESE	7	c-cum. / cum.	S	4	cum.	SSE
„ 14, ...	9	cum.	SE	10	str-cum.	WSW	10	sm-cum.	...	1	cum.	...
„ 15, ...	10	str-cum.	E	10	str-cum.	E	9	R-cum.	E	9	sm-cum. / cum.	SW / E
„ 16, ...	10	str-cum.	E	10	nim.	E	10	nim.	...	10	str-cum.	...
„ 17, ...	10	str-cum.	SW	10	str-cum.	SW	3	cum.	...	8	cum.	SW
„ 18, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	str-cum.	WSW
„ 19, ...	3	cum.	ESE	9	cum.	E	9	sm-cum.	SSW	9	sm-cum. / cum.	E
„ 20, ...	10	str-cum.	SE	9	cum.	SE	10	cum.	SE	10	cum-nim.	SSE
„ 21, ...	9	cum.	NW	1	sm-cum.	...	10	sm-cum. / cum-nim.	NW	8	sm-cum. / cum.	W / NNW
„ 22, ..	9	cum.	E	9	cum.	E	6	cum.	E	10	nim.	E
„ 23, ...	9	cum.	E	8	cum.	E	8	sm-cum. / cum.	E	10	str-cum.	E
„ 24, ...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	ESE	9	sm-cum. / str-cum.	ESE
„ 25, ...	10	str-cum.	E	10	str-cum.	E	10	nim.	E	10	str-cum.	E
„ 26, ...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	...	8	sm-cum. / cum.	E
„ 27, ...	10	cum.	E	9	cum.	E	10	cum.	...	10	str-cum.	...
„ 28, ...	9	sm-cum.	W	7	sm-cum.	W	1	sm-cum.	...	7	sm-cum.	W
„ 29, ...	4	cum.	E	0	...	...	4	sm-cum. / cum.	W / E	4	sm-cum. / cum.	W / ..
„ 30, ...	9	sm-cum. / cum.	W / ..	10	sm-cum.	W	10	sm-cum.	W	10	sm-cum.	W
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.8	...	...	8.7	...	...	8.6	...	...	8.6	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1899.													
April 1,...	10	cum.	E	10	nim.	E	10	nim.	E	10	nim.	E	9.9
„ 2,...	9	cum.	SSW	10	cum.	SSW	10	cum.	SSW	8	cum.	...	9.6
„ 3,...	9	cum.	SSW	10	cum.	SSW	10	cum.	S	10	cum.	...	9.5
„ 4,...	10	cum.	SW	6	cum.	SW	9	cum.	SSW	10	cum.	SSW	9.4
„ 5,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	9.7
„ 6,...	10	cum.	E	10	nim.	NE	10	nim.	...	10	cum-nim.	...	10.0
„ 7,...	10	nim.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10.0
„ 8,...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	...	10	cum-nim.	...	10.0
„ 9,...	10	sm-cum. / cum.	...	10	sm-cum. / cum.	N	3	cum.	...	9	cum.	...	9.0
„ 10,...	10	cum.	NNE	10	str-cum.	N	10	str-cum.	...	0	...	...	8.8
„ 11,...	10	cum.	ENE	1	sm-cum.	...	0	...	...	0	...	...	6.4
„ 12,...	6	c-cum.	S	7	cum.	ESE	4	cum.	ESE	2	cum.	...	2.5
„ 13,...	6	cum.	SSE	9	c-cum. / cum.	W / ..	0	...	...	0	...	...	5.5
„ 14,...	3	cum.	N	2	cum.	N	1	cum.	...	0	...	...	4.5
„ 15,...	2	cum.	...	4	sm-cum.	SW	3	cum.	E	9	cum.	E	7.0
„ 16,...	9	cum.	SE	10	sm-cum. / cum.	S	3	sm-cum.	...	10	str-cum.	S	9.0
„ 17,...	9	cum.	SW	8	cum.	WSW	7	cum.	S	10	cum.	...	8.1
„ 18,...	10	nim.	...	9	cum.	ESE	4	cum.	E	5	sm-cum.	SW	8.5
„ 19,...	10	cum-nim.	...	10	str-cum.	...	10	cum-nim.	...	10	cum.	ESE	8.7
„ 20,...	10	nim.	...	10	nim.	...	10	nim.	...	10	cum.	...	9.9
„ 21,...	7	cum.	...	9	sm-cum. / cum.	WSW / E	2	sm-cum.	...	3	sm-cum.	WSW	6.1
„ 22,...	7	sm-cum.	...	10	sm-cum.	SW	10	str-cum.	...	10	str-cum.	...	8.9
„ 23,...	10	sm-cum. / cum.	ESE	10	str-cum.	E	10	nim.	...	10	cum-nim.	...	9.4
„ 24,...	10	str-cum.	E	10	str-cum.	ESE	10	cum.	ESE	10	cum-nim.	E	9.9
„ 25,...	10	str-cum.	E	10	cum.	NE	10	cum.	ENE	10	cum.	E	10.0
„ 26,...	8	sm-cum. / cum.	WSW / E	10	cum.	ENE	10	str-cum.	ENE	10	str-cum.	ENE	9.5
„ 27,...	10	str-cum.	...	10	nim.	...	9	str-cum.	...	7	sm-cum.	WNW	9.4
„ 28,...	1	sm-cum.	...	0	...	...	0	...	...	1	cum.	...	3.3
„ 29,...	4	sm-cum. / cum.	WSW / ..	9	sm-cum. / cum.	E	7	sm-cum. / cum.	W / E	9	sm-cum.	...	5.1
„ 30,...	10	sm-cum / cum.	W / ..	8	c-cum. / cum.	W / ..	8	sm-cum.	...	3	sm-cum.	...	8.5
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.3	...	...	8.4	...	...	7.0	...	...	7.2	...	...	8.2

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF APRIL, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.6	10.9	0.2	0.1	+3.4	+10.8	E 17° N
2 „	3.4	10.6	0.3	0.3	3.0	10.3	E 16° N
3 „	2.8	11.0	0.6	0.1	2.2	10.9	E 11° N
4 „	2.7	12.1	0.7	0.0	1.9	12.1	E 9° N
5 „	2.7	12.3	0.7	0.1	2.1	12.2	E 10° N
6 „	2.3	13.0	0.6	0.1	1.7	12.9	E 7° N
7 „	2.4	13.7	0.2	0.1	2.2	13.6	E 9° N
8 „	2.8	13.3	0.4	0.1	2.4	13.2	E 10° N
9 „	3.0	14.1	0.8	0.5	2.2	13.6	E 9° N
10 „	3.3	14.4	0.5	0.8	2.8	13.6	E 12° N
11 „	3.6	16.0	1.4	0.7	2.2	15.3	E 8° N
Noon.	3.1	14.1	1.6	0.9	1.5	13.2	E 6° N
1 p.	2.2	14.0	1.9	1.0	0.3	13.0	E 1° N
2 „	1.9	13.5	1.6	1.1	+0.3	12.4	E 1° N
3 „	1.4	12.3	1.9	1.0	−0.5	11.3	E 3° S
4 „	1.6	12.1	1.8	0.6	−0.1	11.5	E 1° S
5 „	1.5	12.6	1.3	0.5	+0.2	12.0	E 1° N
6 „	2.0	11.5	0.8	0.6	1.2	10.9	E 6° N
7 „	1.6	11.0	0.7	0.4	0.9	10.6	E 5° N
8 „	1.6	9.6	0.5	0.2	1.1	9.4	E 6° N
9 „	1.6	9.4	0.4	0.2	1.1	9.2	E 7° N
10 „	2.2	9.1	0.6	0.1	1.6	9.0	E 10° N
11 „	2.1	8.9	0.3	0.0	1.8	8.8	E 12° N
Midt.	2.5	10.3	0.4	0.1	+2.1	+10.2	E 12° N
Means, ...	2.4	12.1	0.8	0.4	+1.57	+11.67	E 8° N

PHENOMENA :—

Fog :—on the 13th and 21st.

Slight fog :—on the 14th.

Haze :—on the 2nd and 30th.

Dew :—on the 2nd, 3rd and 18th.

Rainbow :—on the 27th.

Lightning without thunder :—on the 4th and 29th.

Thunder and lightning :—on the 18th.

Thunderstorms :—on the 20th, 11.45 a.—3.30 p., in SW. nearest at 2.30 p. (12").

TABLE 1.

BAROMETRIC PRESSURE FOR THE MONTH OF MAY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
May 1,...	29.754	29.741	29.739	29.729	29.743	29.756	29.773	29.786	29.800	29.799	29.789	29.774	29.761	29.747	29.730	29.725	29.728	29.737	29.752	29.778	29.790	29.805	29.819	29.818	29.766
" 2,...	.817	.803	.792	.810	.819	.836	.856	.868	.868	.879	.872	.858	.837	.821	.808	.805	.811	.815	.834	.852	.856	.866	.869	.858	.838
" 3,...	.850	.835	.827	.829	.837	.852	.875	.880	.892	.881	.873	.852	.829	.808	.782	.780	.781	.781	.785	.801	.806	.822	.828	.826	.830
" 4,...	.821	.810	.809	.816	.820	.825	.836	.840	.838	.829	.811	.799	.773	.749	.726	.727	.738	.758	.773	.781	.788	.799	.796	.770	.793
" 5,...	.756	.737	.725	.725	.731	.741	.760	.779	.789	.788	.782	.764	.748	.734	.717	.710	.706	.717	.732	.756	.774	.793	.793	.768	.751
" 6,...	.757	.739	.726	.728	.734	.734	.746	.760	.771	.778	.758	.749	.722	.706	.687	.683	.679	.701	.709	.728	.742	.765	.764	.756	.734
" 7,...	.743	.719	.713	.713	.712	.735	.750	.757	.762	.777	.779	.780	.757	.745	.737	.722	.721	.711	.733	.763	.787	.803	.788	.781	.750
" 8,...	.760	.741	.731	.737	.741	.741	.757	.767	.782	.782	.768	.748	.723	.715	.719	.711	.690	.740	.761	.801	.825	.830	.838	.823	.760
" 9,...	.798	.789	.805	.805	.821	.841	.860	.863	.869	.876	.877	.857	.836	.818	.810	.807	.806	.811	.820	.834	.848	.861	.870	.883	.836
" 10,...	.888	.880	.874	.874	.885	.903	.914	.926	.937	.943	.939	.927	.904	.879	.854	.846	.839	.848	.859	.878	.895	.913	.911	.902	.892
" 11,...	.894	.880	.869	.864	.875	.895	.913	.927	.945	.952	.953	.938	.924	.907	.894	.881	.875	.877	.880	.898	.913	.924	.927	.926	.905
" 12,...	.915	.906	.902	.913	.923	.950	.978	.993	30.017	30.011	30.004	30.014	.996	.980	.974	.952	.942	.940	.946	.968	.985	30.002	.994	.978	.966
" 13,...	.968	.946	.952	.953	.957	.963	.972	.980	29.991	29.991	29.988	29.971	.956	.930	.915	.892	.889	.890	.904	.918	.928	29.941	.933	.920	.944
" 14,...	.912	.903	.890	.880	.878	.903	.915	.923	.919	.912	.904	.884	.865	.844	.819	.803	.805	.799	.813	.831	.850	.861	.862	.849	.868
" 15,...	.820	.803	.784	.790	.793	.812	.831	.842	.859	.862	.858	.848	.834	.817	.806	.803	.807	.813	.817	.831	.829	.833	.838	.831	.823
" 16,...	.819	.807	.802	.801	.811	.830	.844	.854	.867	.864	.850	.841	.825	.810	.800	.781	.782	.787	.801	.813	.835	.843	.838	.828	.822
" 17,...	.813	.808	.802	.810	.820	.841	.855	.867	.880	.882	.875	.868	.847	.831	.815	.802	.799	.805	.821	.847	.865	.877	.871	.863	.840
" 18,...	.835	.823	.818	.820	.827	.843	.855	.868	.871	.871	.872	.851	.827	.807	.781	.776	.780	.785	.792	.801	.814	.828	.813	.805	.823
" 19,...	.784	.773	.766	.760	.765	.775	.787	.793	.791	.790	.778	.757	.728	.697	.682	.677	.675	.688	.704	.726	.734	.740	.740	.728	.743
" 20,...	.711	.704	.695	.692	.703	.701	.707	.709	.713	.717	.712	.688	.669	.646	.633	.631	.625	.632	.645	.659	.672	.680	.669	.654	.678
" 21,...	.655	.648	.650	.649	.655	.654	.663	.661	.688	.685	.678	.667	.648	.629	.607	.600	.609	.615	.616	.634	.643	.659	.668	.662	.648
" 22,...	.641	.626	.618	.612	.624	.628	.635	.651	.655	.648	.648	.638	.613	.601	.590	.579	.582	.577	.579	.590	.602	.636	.642	.630	.619
" 23,...	.618	.605	.592	.595	.593	.598	.611	.619	.645	.635	.630	.618	.605	.585	.565	.550	.546	.547	.554	.572	.578	.603	.603	.608	.595
" 24,...	.596	.585	.581	.581	.590	.602	.618	.625	.630	.646	.641	.623	.609	.575	.539	.533	.544	.563	.583	.603	.604	.624	.619	.609	.597
" 25,...	.604	.578	.562	.560	.566	.572	.576	.579	.596	.600	.612	.586	.564	.526	.502	.487	.480	.499	.529	.547	.554	.552	.542	.528	.554
" 26,...	.517	.507	.487	.476	.484	.501	.507	.511	.516	.516	.520	.501	.481	.474	.448	.436	.436	.461	.489	.513	.518	.536	.541	.538	.496
" 27,...	.533	.525	.527	.525	.520	.528	.544	.544	.560	.566	.549	.563	.532	.526	.518	.520	.511	.516	.521	.548	.563	.578	.585	.581	.541
" 28,...	.570	.542	.539	.542	.544	.579	.593	.596	.623	.624	.612	.609	.611	.574	.550	.549	.564	.586	.613	.629	.633	.656	.664	.662	.594
" 29,...	.652	.629	.620	.626	.630	.649	.677	.691	.700	.699	.705	.695	.685	.656	.642	.626	.632	.647	.667	.690	.701	.716	.714	.705	.669
" 30,...	.698	.698	.684	.683	.684	.695	.702	.714	.727	.726	.720	.718	.699	.674	.668	.657	.658	.662	.678	.703	.709	.719	.720	.714	.696
" 31,...	.703	.686	.683	.683	.682	.697	.716	.722	.730	.730	.725	.714	.712	.683	.644	.645	.643	.650	.665	.678	.688	.706	.696	.677	.690
Means,.....	29.748	29.735	29.728	29.728	29.734	29.748	29.762	29.771	29.782	29.783	29.777	29.765	29.746	29.726	29.708	29.700	29.699	29.708	29.722	29.741	29.753	29.767	29.766	29.757	29.744

TABLE II.

TEMPERATURE FOR THE MONTH OF MAY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	70.9	70.7	70.9	70.9	71.4	72.1	72.8	75.3	77.9	80.1	82.7	82.2	81.7	82.8	82.4	82.4	80.0	78.0	76.9	76.4	76.5	76.2	75.4	75.2	76.7	83.1	70.2
" 2,	74.9	75.0	74.9	74.8	74.9	75.1	76.7	78.7	81.6	84.0	85.4	85.2	82.8	82.9	82.4	81.1	79.1	77.6	75.8	75.2	74.8	74.3	73.8	73.6	78.1	86.0	73.2
" 3,	73.4	73.1	73.0	72.7	72.8	73.0	74.5	75.7	77.9	79.8	79.9	79.5	79.2	77.6	77.6	77.2	76.6	76.5	74.7	74.4	74.1	73.3	73.0	72.8	75.5	80.5	71.5
" 4,	72.4	72.7	72.1	72.6	71.3	71.5	73.7	74.5	76.6	77.0	77.6	77.6	78.2	80.0	79.6	79.1	78.6	76.7	75.4	74.6	74.5	74.2	73.9	73.4	75.3	80.4	71.3
" 5,	72.8	73.4	73.1	73.3	72.9	73.2	75.6	76.3	78.3	78.5	78.7	77.8	78.6	78.7	77.7	77.6	77.9	76.2	75.7	75.1	74.8	74.6	74.6	74.5	75.8	81.7	72.7
" 6,	75.0	74.8	74.6	74.7	74.6	74.5	75.7	76.9	77.7	78.4	78.6	78.7	78.6	78.7	80.2	78.0	77.4	76.4	76.3	76.2	75.8	75.3	74.6	74.2	76.5	80.2	74.2
" 7,	73.8	73.4	72.8	72.9	71.9	71.9	71.6	71.8	72.4	72.7	72.6	72.4	72.5	71.9	72.2	72.4	72.5	72.5	72.6	72.1	72.2	72.4	72.2	72.6	72.4	75.1	70.8
" 8,	72.4	72.5	73.2	72.6	73.3	73.2	73.1	73.4	73.9	74.6	75.7	75.6	75.1	72.6	72.1	71.2	72.4	71.3	71.1	70.2	70.0	70.2	70.0	70.0	72.5	76.3	68.7
" 9,	70.0	70.1	68.7	69.3	68.5	67.6	68.3	70.7	73.1	74.4	75.5	76.7	77.5	78.6	78.7	79.2	78.5	76.0	73.1	72.8	72.4	72.2	71.6	71.5	73.1	80.2	67.6
" 10,	71.3	70.9	71.1	71.5	71.9	72.0	72.8	73.7	75.5	76.3	77.5	77.9	78.2	78.7	79.2	77.7	77.4	75.6	74.0	72.5	73.2	72.5	72.3	71.8	74.4	79.7	70.7
" 11,	71.3	70.5	70.5	71.0	71.2	71.7	73.4	75.8	77.6	78.5	79.8	79.5	79.5	79.4	78.5	77.6	77.2	76.8	75.3	75.1	75.0	74.8	75.5	75.1	75.4	79.8	70.1
" 12,	74.9	74.4	74.4	74.1	74.5	74.9	75.4	75.7	76.7	77.4	78.2	78.0	77.7	75.4	74.3	74.6	74.0	73.4	73.7	73.5	73.5	73.7	73.8	73.3	75.0	79.3	72.8
" 13,	73.3	73.0	72.3	72.2	72.8	73.8	74.7	76.8	77.7	76.9	77.2	77.5	78.2	78.2	78.0	77.8	77.4	76.8	75.0	74.6	74.2	74.2	73.8	73.7	75.4	80.3	71.6
" 14,	73.2	73.2	73.5	73.2	73.3	73.6	73.6	75.7	76.7	77.4	78.0	77.9	77.5	78.3	78.4	77.6	76.8	76.1	75.2	74.8	74.7	74.8	74.8	74.7	75.5	78.7	73.1
" 15,	74.3	74.1	74.6	73.5	73.2	73.6	74.5	76.7	77.7	79.4	79.6	78.7	79.4	79.6	80.0	80.4	78.6	78.4	77.0	76.6	76.3	75.8	74.6	74.5	76.7	81.5	73.0
" 16,	74.2	74.4	74.4	74.4	74.4	74.7	75.6	77.1	78.7	80.6	80.6	83.1	81.7	79.8	80.0	83.1	80.9	80.0	78.3	77.6	76.6	76.4	75.6	75.4	77.8	83.6	74.1
" 17,	75.3	75.1	74.7	74.7	74.9	76.4	78.7	79.5	81.4	81.0	81.1	81.0	79.6	80.6	80.6	79.8	78.8	78.0	77.6	77.4	77.3	77.2	76.9	76.8	78.1	83.2	74.7
" 18,	76.8	76.3	76.3	76.2	76.1	76.3	77.3	78.3	79.1	80.3	80.5	80.4	79.9	79.5	79.1	78.5	78.4	78.2	76.9	76.8	76.7	76.8	76.5	76.5	77.8	81.4	75.9
" 19,	76.7	76.6	76.7	76.2	76.2	76.1	77.4	78.8	80.8	81.8	82.7	83.7	83.7	85.0	84.8	82.4	80.0	79.6	79.0	78.4	78.4	78.3	78.6	78.4	79.6	85.9	75.6
" 20,	78.1	77.9	77.0	76.9	77.3	78.1	78.7	79.8	81.7	83.4	82.4	85.0	85.3	87.6	87.0	83.1	83.2	82.8	80.6	79.6	79.5	79.1	78.1	77.8	80.8	87.7	76.8
" 21,	77.7	77.7	78.1	79.4	79.8	81.0	81.9	83.2	83.4	83.4	84.0	83.6	83.7	83.6	83.4	83.0	81.7	80.8	80.8	80.6	80.3	80.0	80.2	80.0	81.3	85.0	77.7
" 22,	79.6	79.8	79.9	79.9	79.9	80.7	80.6	81.4	81.5	83.0	84.1	83.7	84.7	84.3	83.4	83.1	82.3	81.5	80.6	80.8	80.6	80.6	80.6	80.4	81.5	86.0	78.3
" 23,	80.2	80.4	80.3	80.0	79.8	80.0	80.4	80.7	81.7	82.5	84.8	84.5	83.2	84.2	84.0	84.1	83.2	82.0	81.3	81.1	80.1	79.9	79.6	79.2	81.5	85.4	79.2
" 24,	78.8	78.7	79.0	78.7	78.7	79.0	80.9	81.2	82.6	84.0	84.5	85.4	84.0	83.7	84.1	82.7	81.6	80.4	79.0	79.1	79.1	79.2	79.0	78.9	80.9	86.0	78.2
" 25,	78.5	78.4	78.2	77.9	78.2	78.0	78.3	79.6	80.4	81.4	82.5	83.1	83.0	83.3	81.3	82.0	82.1	81.1	80.6	79.6	79.5	79.4	78.1	77.9	80.1	84.6	77.3
" 26,	78.3	78.3	78.4	78.4	78.2	79.4	81.0	81.7	84.4	84.7	83.9	86.9	87.7	85.6	87.7	86.8	86.1	83.7	82.6	82.2	81.5	81.6	81.6	81.5	82.6	88.5	77.8
" 27,	81.1	80.6	80.7	80.2	80.1	81.6	82.9	83.7	84.4	84.4	83.0	81.3	79.8	81.5	81.8	81.3	80.6	80.4	79.8	79.1	79.0	78.7	78.6	78.5	81.0	88.2	78.2
" 28,	78.6	78.5	78.6	78.6	78.6	74.7	75.7	75.6	75.6	75.7	75.8	76.6	77.2	77.6	78.0	78.6	78.0	77.6	77.6	76.9	76.8	76.5	76.3	75.3	77.0	78.9	74.4
" 29,	74.8	74.6	74.4	74.2	74.5	74.4	74.9	75.3	75.9	76.4	76.5	76.0	75.5	75.0	75.6	75.6	75.6	76.1	75.8	75.8	75.9	75.8	76.1	76.3	75.5	76.6	74.2
" 30,	76.6	76.6	76.8	77.1	77.2	77.6	78.6	78.3	79.3	80.6	82.5	84.3	82.6	82.1	81.7	82.9	83.6	82.6	81.5	81.2	81.3	80.3	80.1	80.7	80.3	84.9	76.6
" 31,	78.9	78.9	79.7	79.8	80.5	80.9	80.6	81.6	82.5	83.7	83.7	83.7	83.9	84.1	83.0	82.9	82.5	82.2	81.6	81.5	81.5	81.2	81.1	80.8	81.7	85.0	78.3
Means,	75.4	75.3	75.3	75.2	75.3	75.5	76.4	77.5	78.9	79.8	80.3	80.6	80.3	80.4	80.2	79.8	79.1	78.2	77.3	76.8	76.6	76.4	76.2	76.0	77.6	82.4	74.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF MAY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	69.2	68.8	69.3	69.4	68.8	69.4	70.3	71.7	71.9	73.1	73.7	73.0	72.1	74.0	72.0	73.2	73.0	73.6	72.9	72.6	72.3	71.9	71.8	72.3	71.7	139.0
„ 2, ...	72.4	71.9	72.3	71.8	71.1	71.8	72.3	72.0	71.0	67.0	67.0	67.2	68.0	67.1	67.4	66.8	69.6	71.0	72.2	72.3	72.2	72.3	72.7	71.5	70.5	140.0
„ 3, ...	71.3	71.1	70.8	70.0	70.0	69.7	70.2	68.8	70.0	68.0	69.0	70.0	70.0	69.7	69.3	70.0	70.1	70.0	70.5	70.5	70.6	70.5	70.0	70.2	70.0	133.9
„ 4, ...	70.4	70.7	70.5	70.3	70.0	70.1	71.0	71.0	71.2	71.0	70.9	71.2	72.0	71.4	72.4	70.6	70.7	70.0	70.1	70.0	69.7	69.6	69.5	69.3	70.6	134.1
„ 5, ...	70.1	70.5	70.4	70.4	70.2	70.2	71.6	71.4	72.4	72.0	72.0	71.1	71.7	72.0	72.0	71.2	70.9	71.3	70.9	70.5	71.0	71.5	71.5	71.6	71.2	138.1
„ 6, ...	71.6	71.4	71.4	71.5	71.5	71.6	72.6	73.0	73.6	73.9	74.0	74.2	74.2	73.8	74.8	73.8	74.0	74.1	73.8	73.9	74.0	74.2	72.6	72.4	73.2	124.6
„ 7, ...	72.1	72.0	71.9	71.6	71.2	70.6	70.6	70.0	70.1	70.6	70.5	70.9	70.7	70.6	70.6	71.2	70.6	70.6	70.6	70.9	71.0	70.8	70.9	71.5	70.9	78.1
„ 8, ...	71.4	71.6	72.0	72.1	71.9	71.9	72.0	72.0	72.6	72.6	73.3	73.6	73.8	72.1	70.1	70.1	69.6	69.6	69.6	68.9	69.2	69.3	65.4	65.1	70.8	114.0
„ 9, ...	64.2	63.9	64.0	63.4	63.6	63.2	63.3	63.8	64.7	63.7	64.8	65.0	65.4	67.0	65.8	65.3	64.6	64.1	66.5	66.8	67.1	67.2	67.2	67.2	65.1	139.6
„ 10, ...	67.6	67.9	68.3	68.6	68.6	68.2	69.0	69.1	69.8	70.0	70.8	70.6	69.5	68.7	66.4	68.3	66.3	64.7	66.3	67.2	67.6	67.3	67.5	67.1	68.1	132.8
„ 11, ...	67.0	66.9	66.7	66.8	66.9	67.2	66.9	65.4	64.4	65.6	64.6	64.0	64.0	63.6	63.0	63.2	63.9	65.0	66.4	66.6	67.3	69.4	67.6	67.1	65.8	137.8
„ 12, ...	69.2	69.6	69.2	68.4	67.2	65.6	63.7	62.2	63.9	64.4	63.5	64.0	64.8	62.6	63.8	65.6	64.1	66.0	66.0	65.2	65.1	66.5	65.2	66.7	65.5	138.5
„ 13, ...	66.3	65.9	66.1	65.5	63.4	63.9	64.1	66.0	66.6	68.1	67.6	67.8	68.7	68.3	68.0	67.0	68.1	69.4	70.6	71.3	71.6	71.4	71.7	71.3	67.9	138.1
„ 14, ...	71.2	71.0	70.6	70.2	70.2	69.6	69.9	70.0	70.3	71.0	71.5	71.2	71.0	71.0	71.1	72.6	72.5	71.8	72.0	72.3	71.9	72.5	73.8	72.6	71.3	141.8
„ 15, ...	72.7	72.7	72.4	72.1	71.8	72.1	72.5	73.5	73.9	73.6	73.8	73.0	73.6	73.6	73.4	74.0	74.4	74.0	73.5	73.4	73.3	73.6	72.5	73.0	73.2	126.0
„ 16, ...	73.0	72.7	72.7	72.4	72.2	72.4	73.5	73.1	74.0	75.0	75.1	76.0	75.1	73.7	73.1	74.1	73.8	73.7	73.8	74.1	73.7	73.6	73.5	72.8	73.6	144.4
„ 17, ...	73.0	72.7	72.9	72.6	72.7	73.5	75.0	75.6	75.2	75.3	76.0	75.2	74.8	75.1	75.9	76.0	76.0	73.9	74.8	74.5	74.6	74.8	74.6	74.8	74.6	143.9
„ 18, ...	74.4	74.2	74.2	74.0	74.1	73.8	74.5	74.6	74.8	74.8	75.6	75.0	74.5	74.8	75.0	74.7	74.4	74.6	73.9	73.6	73.8	73.7	73.7	74.0	74.4	146.7
„ 19, ...	73.9	73.7	73.9	73.7	73.7	73.9	74.7	74.6	75.1	76.0	75.3	75.0	74.9	75.0	75.1	74.6	74.3	74.0	74.8	74.8	74.6	75.0	75.4	75.3	74.6	141.9
„ 20, ...	75.0	74.5	74.7	74.4	73.8	74.1	75.0	75.8	75.6	76.0	76.0	76.9	76.8	77.7	77.6	76.7	76.0	76.1	75.6	76.1	75.8	75.6	75.5	75.5	75.7	145.9
„ 21, ...	75.5	75.6	75.7	75.9	75.8	76.0	76.7	77.0	76.8	76.1	76.3	77.1	77.6	77.4	77.1	77.0	77.4	77.6	77.4	77.1	77.0	76.9	76.9	76.8	76.7	131.3
„ 22, ...	76.8	76.7	76.7	76.6	76.7	76.7	76.6	76.8	76.6	77.0	76.7	77.0	77.2	77.8	76.6	76.5	77.2	76.6	76.4	76.4	76.5	76.4	76.5	76.5	76.7	130.7
„ 23, ...	76.6	76.8	76.6	76.6	76.6	76.8	76.9	77.3	77.2	77.4	77.7	78.0	77.6	77.9	77.1	77.2	78.1	77.6	77.4	77.5	77.6	77.8	77.6	77.5	77.3	133.1
„ 24, ...	77.2	76.8	77.1	77.2	77.2	77.5	77.9	77.0	76.9	76.2	76.8	77.0	77.2	77.2	78.0	77.5	77.9	77.4	77.0	77.0	76.5	76.1	76.6	76.4	77.1	144.4
„ 25, ...	76.2	76.0	75.7	75.3	75.2	75.1	75.3	75.6	75.3	76.0	76.1	75.6	75.7	75.7	76.2	76.0	76.2	76.2	75.6	75.5	75.8	75.8	76.2	75.6	75.7	149.6
„ 26, ...	76.2	76.2	75.4	75.1	75.5	76.1	76.0	75.8	76.6	77.8	78.0	78.2	77.7	77.4	77.5	77.6	77.3	77.2	75.1	75.5	75.8	76.0	76.1	77.0	76.5	144.4
„ 27, ...	77.1	77.2	77.6	77.6	77.5	78.0	79.1	78.9	79.0	78.3	78.8	78.0	77.6	77.7	77.9	77.5	77.2	77.5	77.2	77.0	76.9	76.5	76.5	76.6	77.6	140.2
„ 28, ...	76.6	76.7	76.8	76.6	77.1	74.3	75.0	75.0	75.0	74.8	74.9	75.6	75.8	75.9	75.9	75.6	75.6	75.5	74.9	74.9	74.7	74.8	74.6	74.6	75.5	119.9
„ 29, ...	74.2	73.8	73.6	73.4	73.4	73.4	74.0	74.0	74.5	74.7	74.8	74.9	74.2	74.1	74.6	74.3	74.7	74.8	74.8	74.9	74.8	75.3	75.2	75.4	74.4	101.1
„ 30, ...	75.7	75.6	75.9	76.2	76.4	76.6	77.3	77.3	78.1	78.0	78.7	79.1	78.8	78.1	78.0	78.8	78.7	77.6	75.4	77.9	77.5	77.8	77.5	78.0	77.5	146.3
„ 31, ...	76.4	76.6	76.5	77.2	77.4	77.4	77.2	77.9	78.0	78.4	78.6	78.3	78.3	78.2	78.5	78.9	78.1	77.8	77.6	77.3	77.4	77.6	78.1	78.0	77.7	120.8
Means, ...	72.7	72.6	72.6	72.5	72.3	72.3	72.7	72.8	73.1	73.1	73.3	73.4	73.3	73.2	73.0	73.1	73.1	73.0	73.0	73.1	73.1	73.3	73.0	73.0	72.9	133.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MAY, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	87	0.775	May 1,.....	77	0.711
2 „	87	.772	„ 2,.....	67	.646
3 „	87	.772	„ 3,.....	75	.661
4 „	87	.770	„ 4,.....	78	.686
5 „	86	.760	„ 5,.....	79	.704
6 „	85	.757	„ 6,.....	85	.774
7 „	83	.761	„ 7,.....	93	.737
8 „	79	.751	„ 8,.....	92	.732
9 „	75	.744	„ 9,.....	63	.514
10 „	71	.732	„ 10,.....	71	.604
11 „	70	.734	„ 11,.....	58	.507
Noon.	69	.733	„ 12,.....	57	.503
1 p.	70	.733	„ 13,.....	66	.584
2 „	69	.728	„ 14,.....	80	.711
3 „	69	.722	„ 15,.....	84	.772
4 „	71	.732	„ 16,.....	81	.773
5 „	74	.741	„ 17,.....	84	.810
6 „	77	.749	„ 18,.....	84	.807
7 „	81	.761	„ 19,.....	78	.791
8 „	83	.772	„ 20,.....	78	.822
9 „	84	.775	„ 21,.....	81	.858
10 „	86	.786	„ 22,.....	80	.855
11 „	85	.776	„ 23,.....	82	.882
Midt.	86	.779	„ 24,.....	84	.881
			„ 25,.....	80	.831
			„ 26,.....	75	.832
			„ 27,.....	85	.902
			„ 28,.....	93	.864
			„ 29,.....	95	.838
			„ 30,.....	88	.907
			„ 31,.....	83	.897
Means,.....	79	0.755	Means.	79	0.755

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.
1899.														
May 1,.....	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	8.8
„ 2,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.0
„ 3,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	10.1
„ 4,.....	...	0.3	0.1	0.5	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.7	...	8.0
„ 5,.....	...	0.7	0.2	0.4	1.0	1.0	0.7	0.4	0.8	0.7	0.4	0.2	...	6.5
„ 6, ...	...	...	0.1	0.1	0.2	0.2	...	...	...	0.1	...	...	...	0.7
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	0.1	0.7	0.6	0.7	1.0	1.0	1.0	1.0	0.9	0.7	...	7.7
„ 10,.....	...	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.9
„ 11,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	11.1
„ 12,.....	...	...	...	...	...	0.7	0.6	0.9	0.6	0.9	...	...	...	3.7
„ 13,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.3
„ 14,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	9.9
„ 15,.....	...	...	...	0.2	...	...	...	...	...	...	0.1	...	...	0.3
„ 16,.....	...	...	...	0.6	1.0	0.8	0.6	0.6	...	0.1	1.0	1.0	0.4	6.1
„ 17,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	0.4	0.8	0.9	0.5	1.0	0.3	9.7
„ 18,.....	0.1	0.9	0.8	1.0	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	10.6
„ 19,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.3	10.4
„ 20,.....	0.3	0.8	0.9	1.0	0.8	0.4	0.9	1.0	1.0	1.0	...	0.8	0.3	9.2
„ 21,.....	0.2	0.9	0.9	0.5	0.2	...	...	...	...	...	...	...	...	2.7
„ 22,.....	...	...	...	...	0.4	0.1	...	...	...	..	...	...	...	0.5
„ 23,.....	...	...	...	...	...	...	...	...	0.2	0.4	0.1	...	...	0.7
„ 24,.....	0.1	0.8	0.9	0.9	0.4	0.8	1.0	0.8	0.7	0.9	0.4	...	...	7.7
„ 25,.....	...	...	0.1	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	9.3
„ 26,.....	0.4	0.7	1.0	1.0	0.9	0.9	1.0	1.0	0.7	1.0	1.0	1.0	0.4	11.0
„ 27,.....	0.3	0.8	1.0	0.5	0.7	0.3	...	0.1	...	...	...	...	...	3.7
„ 28,.....	...	...	...	...	...	...	...	...	...	...	0.2	...	...	0.2
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	0.4	0.3	...	...	0.1	0.6	...	1.4
„ 31,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
Sums,.....	1.6	10.1	13.6	17.5	17.7	17.6	18.2	17.4	16.8	17.8	15.3	13.7	3.0	180.3

TABLE VI.

RAINFALL FOR THE MONTH OF MAY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	0.090	0.150	0.580	0.060	0.165	0.110	...	...	...	...	...	0.015	0.095	0.080	...	...	...	0.005	0.005	...	...	...	...	1.355	12
„ 8,	0.570	0.290	0.255	0.085	...	0.020	0.040	0.020	...	...	...	0.060	0.090	0.240	0.035	0.155	0.080	...	...	...	...	...	...	...	1.940	16
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.015	1
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	0.005	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	0.005	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	0.100	0.110	...	...	...	...	...	...	...	...	...	...	...	0.210	1
„ 28,	...	...	...	0.200	0.540	0.260	0.250	0.205	0.195	0.160	0.050	0.005	0.005	...	...	...	...	...	...	...	...	0.010	0.030	0.080	1.990	11
„ 29,	0.090	0.070	0.100	0.125	0.095	0.120	0.180	0.060	0.130	0.105	0.045	0.030	0.020	0.025	0.015	0.005	...	...	...	...	0.020	0.020	0.010	...	1.265	18
„ 30,	...	...	...	...	...	...	0.140	...	0.025	0.080	0.010	...	0.015	0.020	0.005	...	...	...	...	...	...	0.005	...	...	0.300	4
„ 31,	0.025	0.025	...	...	...	0.005	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.080	3
Sums,	0.685	0.475	0.505	0.990	0.705	0.570	0.745	0.285	0.350	0.345	0.105	0.195	0.255	0.380	0.135	0.160	0.080	...	0.015	0.005	0.020	0.035	0.040	0.085	7.165	66

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF MAY, 1899.

DATE.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		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	...	0	32	3	32	3	...	1	...	1	32	2	...	1	28	5	22	6	25	6	22	2	11	8	9	10	9	4	4	8	31	6	30	6	30	6	30	4	...	1	...	0	...	1	...	1	30	3	88	3.7	32
" 2	...	1	...	1	29	2	28	2	23	3	...	1	...	0	...	1	22	2	11	6	10	11	10	18	9	19	9	21	9	20	9	18	10	16	10	15	10	12	10	10	9	9	9	7	9	9	8	10	214	8.9	9
" 3	9	9	9	13	8	12	8	13	8	14	8	13	9	9	9	12	9	11	9	13	8	15	8	15	8	17	8	20	7	15	9	9	8	8	11	5	13	8	15	7	15	4	15	5	...	0	...	0	247	10.3	9
" 4	...	1	8	3	...	1	7	2	...	1	...	0	7	3	7	9	7	9	7	16	7	18	7	17	8	17	13	12	9	10	15	9	16	8	15	9	15	7	12	5	11	6	11	7	11	6	11	3	179	7.5	10
" 5	...	1	7	2	7	3	7	4	7	2	7	4	10	5	8	10	8	12	7	12	7	16	8	15	8	12	7	8	8	10	7	13	14	8	8	12	9	8	10	4	10	4	10	6	8	4	8	8	183	7.6	8
" 6	9	9	10	8	10	7	10	7	10	8	10	9	9	9	9	11	8	15	7	15	8	16	11	7	9	8	15	8	8	8	9	8	10	11	8	8	8	12	9	10	7	13	7	15	7	16	8	17	255	10.6	9
" 7	7	16	7	17	10	15	5	11	8	16	7	17	7	17	7	16	6	21	6	20	7	24	7	21	7	20	7	16	7	16	7	21	6	28	6	27	6	26	7	27	6	26	6	26	6	30	5	23	497	20.7	7
" 8	6	25	7	22	6	20	6	20	6	19	6	19	7	19	6	20	7	20	8	20	7	11	8	10	9	4	28	8	21	2	32	6	3	5	22	10	27	3	32	7	1	7	1	10	...	1	32	10	298	12.4	6
" 9	2	9	1	6	32	3	2	5	...	0	30	4	32	6	2	6	32	7	1	9	2	10	32	7	32	6	21	3	15	6	31	10	3	6	29	5	17	4	17	2	10	6	10	8	7	4	7	4	136	5.7	2
" 10	14	4	9	5	9	5	6	7	6	7	6	5	6	6	8	8	10	9	10	7	9	13	10	16	10	16	10	15	10	13	8	11	7	15	9	14	8	10	8	7	8	6	8	4	...	1	10	3	207	8.6	9
" 11	10	2	10	2	9	3	9	8	9	8	9	9	9	10	8	13	9	13	9	14	9	19	9	18	8	17	7	20	8	19	7	18	7	13	8	14	10	14	9	16	7	15	7	18	7	22	7	21	326	13.6	8
" 12	6	23	6	23	7	22	6	21	7	19	7	15	7	24	7	22	7	18	7	24	7	29	7	27	7	25	7	28	8	27	7	19	7	24	8	22	8	20	8	21	8	17	7	22	8	17	7	19	528	22.0	7
" 13	7	23	7	20	6	12	7	11	7	15	9	14	7	17	7	19	7	21	5	23	7	23	8	18	8	15	10	19	9	18	9	15	8	13	8	13	8	11	9	11	9	8	9	6	10	8	10	13	366	15.2	8
" 14	9	12	8	11	7	13	7	15	7	13	7	11	6	9	7	12	10	11	8	15	9	16	9	19	9	19	8	15	8	17	8	18	8	12	9	16	9	13	7	11	9	10	9	8	9	6	9	6	308	12.8	8
" 15	9	3	9	4	8	2	...	1	...	0	8	3	8	5	9	7	8	5	10	2	...	1	9	4	27	5	27	5	26	3	26	2	26	3	27	2	...	0	...	0	...	1	8	2	1	2	...	1	63	2.6	6
" 16	32	2	...	0	32	2	24	4	24	5	24	4	...	0	24	5	24	8	25	9	24	11	23	7	25	9	25	8	26	6	27	6	24	4	24	2	28	2	28	3	28	2	.	0	...	0	...	0	99	4.1	25
" 17	...	0	...	0	...	0	...	1	...	0	...	0	...	1	19	2	10	10	9	17	8	24	8	20	8	16	7	17	7	16	8	14	8	16	8	12	9	12	9	10	9	11	10	9	9	12	9	11	231	9.6	8
" 18	9	14	9	13	10	9	10	10	9	10	9	10	8	13	8	14	9	19	9	20	9	25	10	20	9	21	9	22	8	21	9	21	9	18	9	16	10	13	10	14	10	13	11	14	10	13	10	14	377	15.7	9
" 19	9	15	9	10	9	5	10	6	10	5	10	3	10	6	9	5	9	5	9	3	26	10	24	8	25	8	25	6	23	7	17	12	16	10	16	8	15	9	15	7	15	7	16	6	16	3	16	4	168	7.0	14
" 20	16	5	16	3	...	0	...	1	18	4	18	3	22	4	24	7	22	9	23	10	21	13	25	8	24	7	24	6	24	6	19	7	17	9	16	9	16	6	17	2	17	3	...	1	...	1	...	1	125	5.2	21
" 21	...	1	...	1	21	4	19	5	20	8	19	9	19	6	18	7	19	12	20	12	19	11	17	8	18	7	19	10	19	8	19	6	18	4	14	5	16	5	16	5	16	5	16	4	14	7	15	7	157	6.5	18
" 22	15	9	15	9	15	10	15	7	15	10	15	14	15	12	17	8	17	8	15	7	15	12	16	12	16	10	16	11	17	10	17	11	15	8	15	12	14	10	14	8	15	9	15	3	15	2	15	9	221	9.2	15
" 23	15	8	15	10	15	11	16	11	16	8	16	5	13	4	10	5	15	3	16	3	15	6	16	6	16	3	18	3	16	4	18	6	17	7	15	2	...	0	10	7	10	12	9	11	9	6	9	2	143	6.0	14
" 24	...	0	...	1	...	0	11	9	11	6	11	6	11	6	11	10	9	11	11	12	11	10	10	16	11	23	10	20	10	16	9	17	10	18	8	18	11	22	9	19	9	22	9	20	8	16	7	17	315	13.1	10
" 25	7	16	7	18	7	18	7	20	8	13	7	13	7	16	7	18	8	14	9	13	10	18	10	14	9	18	9	19	10	21	10	16	12	7	11	16	7	14	9	10	9	5	30	2	30	2	30	2	323	13.5	8
" 26	30	2	25	7	27	6	26	10	24	8	28	7	30	8	29	10	28	10	25	14	24	17	23	15	23	15	24	13	23	16	21	15	20	16	20	11	21	10	19	3	19	2	18	5	...	1	21	3	224	9.3	24
" 27	...	1	25	2	...	0	...	0	...	1	...	1	...	0	30	2	29	2	24	3	9	12	17	13	13	5	9	7	14	4	15	7	16	6	15	6	15	3	9	4	10	3	10	4	9	5	9	3	94	3.9	13
" 28	9	4	9	5	9	6	9	10	8	10	24	5	26	2	29	2	11	3	11	5	9	7	10	13	9	18	8	18	8	14	9	16	9	17	8	21	9	24	9	25	9	24	7	22	7	22	8	25	318	13.2	9
" 29	8	27	8	26	7	24	7	26	8	27	8	26	9	31	9	29	9	27	9	24	8	23	7	20	7	22	7	21	7	23	8	19	7	17	7	17	7	19	8	18	8	19	7	18	9	21	9	20	544	22.7	8
" 30	9	15	7	12	9	15	10	12	9	11	7	9	8	9	5	6	7	6	17	10	20	9	18	10	18	17	18	14	18	13	18	9	19	12	19	10	19	9	18	9	19	12	19	7	18	5	17	6	247	10.3	15
" 31	20	9	15	5	20	7	19	11	18	7	18	7	18	5	19	10	19	10	18	11	19	11	17	11	19	12	18	9	19	12	18	14	20	13	19	11	18	10	18	9	17	5	18	4	16	8	15	8	219	9.1	18
Sums	...	266	...	262	...	240	...	271	...	259	...	248	...	263	...	311	...	337	...	375	...	443	...	421	...	421	...	406	...	389	...	379	...	358	...	354	...	320	...	292	...	286	...	275	...	251	...	273	7700	320.8	...
Means	...	8.6	...	8.5	...	7.7	...	8.7	...	8.4	...	8.0	...	8.5	...	10.0	...	10.9	...	12.1	...	14.3	...	13.6	...	13.6	...	13.1	...	12.5	...	12.2	...	11.5	...	11.4	...	10.3	...	9.4	...	9.2	...	8.9	...	8.1	...	8.8	248.4	10.3	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1899.												
May 1, ...	0	...	...	9	sm-cum.	W	8	sm-cum.	W	2	sm-cum.	...
„ 2, ...	10	str-cum.	...	10	str-cum.	...	9	sm-cum.	W	0	...	...
„ 3, ...	0	...	...	3	cum.	E	0	...	...	0	...	...
„ 4, ...	0	...	...	9	sm-cum.	WSW	8	c-cum. / sm-cum. / cum.	.. / W / ..	1	cum.	S
„ 5, ...	9	sm-cum.	WNW	8	cum.	SE	4	sm-cum. / cum.	WNW / ..	6	sm-cum. / cum.	WNW / SSE
„ 6, ...	9	cum.	ESE	10	cum.	SE	10	sm-cum. / cum.	W / SE	10	sm-cum. / cum.	SE
„ 7, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	nim.	ESE
„ 8, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	cum. / cum.	SSW / E
„ 9, ...	7	cum.	...	10	str-cum.	...	10	str-cum.	WSW	10	sm-cum.	WSW
„ 10, ...	9	str-cum.	...	10	sm-cum.	W	3	c-cum. / sm-cum. / cum.	.. / W / ENE	5	c-cum. / cum.	W / NE
„ 11, ...	3	cum.	E	0	...	...	0	...	...	1	c-cum.	...
„ 12, ...	4	cum.	E	10	cum.	E	10	str. / nim.	E	10	sm-cum. / cum.	E
„ 13, ...	0	...	...	0	...	...	1	c-cum.	...	0	...	...
„ 14, ...	0	...	...	9	cum.	E	5	c-str. / cum.	ENE	2	c-str. / c-cum.	...
„ 15, ...	2	cum.	E	5	sm-cum. / cum.	...	10	sm-cum.	...	10	sm-cum. / cum.	...
„ 16, ...	4	cum.	...	10	sm-cum.	W	10	sm-cum.	W	8	sm-cum. / cum.	...
„ 17, ...	10	cum.	SE	5	cum.	SE	1	cum.	...	1	cum.	...
„ 18, ...	6	cum.	E	3	cum.	SE	6	cum.	...	9	cum. / cum.	S / E
„ 19, ...	4	cum.	SE	9	cum.	SE	4	c-str. / cum.	SSW	5	c-str. / cum.	NW / SW
„ 20, ...	7	cum.	SSW	0	...	...	7	c-cum. / cum.	WSW	9	c-cum. / cum.	WSW
„ 21, ...	1	cum.	SW	8	cum.	SW	5	c-str. / cum.	SSW	9	sm-cum. / cum.	SW
„ 22, ...	9	cum.	S	10	cum.	S	10	cum.	S	10	sm-cum. / cum.	S
„ 23, ...	10	cum.	S	10	cum.	S	10	c-cum. / cum.	S	10	c-cum. / cum.	SSW
„ 24, ...	7	sm-cum.	...	9	nim.	SE	4	sm-cum. / cum.	ENE	8	sm-cum. / cum.	E
„ 25, ...	10	cum.	E	8	cum.	E	10	c-str. / cum.	ESE	8	c-cum. / cum.	E
„ 26, ...	8	cum.	ENE	5	sm-cum.	...	3	sm-cum. / cum.	N	8	c-cum. / cum.	N
„ 27, ...	9	cum.	SW	8	cum.	SW	8	c-cum. / cum.	N / ..	9	c-cum. / cum.	SSW
„ 28, ...	10	cum.	SW	10	nim.	SW	10	nim.	SW	10	nim.	...
„ 29, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	nim.	E
„ 30, ...	10	cum-nim.	...	9	cum.	S	10	nim.	SSW	10	nim.	SSW
„ 31, ...	10	nim.	...	10	nim.	...	10	nim.	SW	10	sm-cum. / cum.	SW
Means,...	6.4	...	...	7.6	...	...	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	
1899.													
May 1,...	1	cum.	...	2	c-cum.	...	8	sm-cum.	W	10	str-cum.	...	5.0
„ 2,...	0	...	...	0	...	...	0	...	...	0	...	...	3.6
„ 3,...	0	...	...	0	...	...	0	...	...	0	...	...	0.4
„ 4,...	1	sm-cum.	W	6	sm-cum.	W	0	...	...	0	...	...	3.1
„ 5,...	9	sm-cum. / cum.	W / SSE	9	c-cum. / cum.	ESE	3	c-cum.	...	3	c-cum.	...	6.4
„ 6,...	10	sm-cum / cum.	SSE	10	sm-cum. / cum.	ESE	10	sm-cum. / cum.	ESE	10	str-cum. / cum.	E	9.9
„ 7,...	10	nim.	ESE	10	cum.	ENE	10	nim.	ESE	10	nim.	...	10.0
„ 8,...	10	cum-nim.	SSE	10	nim.	...	10	cum-nim.	...	10	cum-nim.	...	10.0
„ 9,...	4	c-str. / sm-cum.	W	9	c-cum.	W	4	sm-cum. / cum.	SSW	9	str-cum.	...	7.9
„ 10,...	3	c-cum. / sm-cum.	W	3	sm-cum.	WSW	9	c-cum.	W	9	sm-cum.	W	6.4
„ 11,...	1	c-cum. / sm-cum.	W	9	c-cum. / sm-cum.	WSW	2	sm-cum.	SW	4	sm-cum.	...	2.5
„ 12,...	8	sm-cum. / cum.	WSW / E	7	sm-cum. / cum.	E	1	sm-cum.	...	5	sm-cum.	...	6.9
„ 13,...	3	cum.	E	2	c-cum. / cum.	E	2	c-cum.	...	0	...	...	1.0
„ 14,...	4	c-cum. / cum.	...	7	c-cum. / cum.	...	1	c-cum. / cum.	...	10	str-cum.	...	4.7
„ 15,...	10	sm-cum. / str-cum.	...	9	sm-cum. / cum.	WNW	10	sm-cum.	W	4	c-cum.	...	7.5
„ 16,...	8	c-cum. / cum.	...	9	c-cum. / cum.	WNW / ..	2	cum.	...	3	c-cum.	...	6.8
„ 17,...	9	c-cum. / cum.	ESE	9	c-cum. / cum.	SSE	3	c-cum.	...	4	cum.	E	5.2
„ 18,...	4	c-str. / cum.	N / ESE	5	c-cum. / cum.	NNW / ESE	4	c-cum. / cum.	ESE	5	cum.	SE	5.3
„ 19,...	8	c-str. / cum.	SW	4	c-cum. / cum.	...	1	cum.	...	6	cum.	SSW	5.1
„ 20,...	9	c-cum. / cum.	SW	10	c-cum. / cum.	SW	4	c-cum.	...	2	c-cum.	...	6.0
„ 21,...	10	sm-cum. / cum.	SW	10	cum.	SSW	10	str. / cum.	SSW	7	c-cum / cum.	S	7.5
„ 22,...	9	sm-cum. / cum.	SSW	9	sm-cum. / cum.	S	10	c-str. / cum.	SSE	10	c-str. / cum.	S	9.6
„ 23,...	10	sm-cum. / cum.	SSW	10	c-cum. / cum.	SW	8	c-str.	...	10	c-str. / cum.	SE	9.7
„ 24,...	4	sm-cum. / cum.	E	8	c-str. / cum.	E	10	nim.	E	10	cum.	E	7.5
„ 25,...	4	c-cum. / cum.	...	8	c-cum. / cum.	SE / ..	7	c-cum. / cum.	E	8	c-cum. / cum.	E	7.9
„ 26,...	2	cum.	WNW	1	cum.	...	3	c-cum.	...	2	c-cum. / cum.	...	4.0
„ 27,...	8	c-cum. / nim.	...	9	sm-cum. / cum.	S	10	cum.	S	10	c-str. / cum.	...	8.9
„ 28,...	10	nim.	...	10	cum.	S	10	sm-cum. / cum.	SE	10	nim.	...	10.0
„ 29,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	...	10.0
„ 30,...	7	sm-cum. / cum.	SSW	9	sm-cum. / cum.	SW	10	nim.	SW	10	cum.	SW	9.4
„ 31,...	10	c-cum. / cum.	SW	10	nim.	SSW	9	c-cum. / cum.	SW	10	c-cum. / cum.	SW	9.9
Means,...	6.3	...	...	7.2	...	...	5.8	...	...	6.5	...	...	6.7

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF MAY, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.3	7.0	1.6	0.2	−0.3	+6.8	E 2° S
2 „	1.2	7.0	1.4	0.3	0.2	6.7	E 2° S
3 „	1.4	6.1	1.5	0.5	0.1	5.6	E 1° S
4 „	1.6	6.5	1.7	0.7	0.1	5.8	E 1° S
5 „	0.6	6.5	1.6	0.9	0.9	5.6	E 9° S
6 „	1.1	6.0	1.6	0.8	0.5	5.2	E 5° S
7 „	1.2	6.9	1.5	0.5	−0.3	6.5	E 2° S
8 „	1.7	7.8	1.4	1.2	+0.3	6.6	E 2° N
9 „	1.3	8.2	2.1	1.5	−0.8	6.7	E 7° S
10 „	1.6	8.8	2.5	1.8	1.0	7.0	E 8° S
11 „	1.2	10.7	2.7	2.2	1.5	8.5	E 10° S
Noon.	0.8	9.9	3.8	1.6	3.0	8.3	E 20° S
1 p.	0.8	10.2	3.1	1.9	2.3	8.2	E 15° S
2 „	1.1	9.5	3.2	1.9	2.1	7.5	E 15° S
3 „	0.7	9.3	2.8	1.9	2.1	7.5	E 16° S
4 „	1.3	8.2	3.6	1.4	2.3	6.8	E 19° S
5 „	1.3	7.6	3.8	1.3	2.5	6.3	E 21° S
6 „	0.8	7.9	3.5	1.2	2.7	6.7	E 22° S
7 „	0.8	7.5	3.6	0.7	2.8	6.8	E 23° S
8 „	0.5	7.4	2.8	0.3	2.3	7.1	E 18° S
9 „	0.8	7.4	2.6	0.4	1.8	7.0	E 15° S
10 „	1.3	7.2	2.1	0.3	0.8	6.9	E 6° S
11 „	0.9	6.9	1.5	0.1	0.6	6.8	E 5° S
Midt.	1.3	7.0	1.8	0.2	−0.5	+6.8	E 5° S
Means,.....	1.1	7.8	2.4	1.0	−1.30	+6.82	E 11° S

PHENOMENA :—

Solar halo :—on the 18th and 24th.

Lunar halo :—on the 22nd, 23rd and 27th.

Lunar corona :—on the 22nd, 23rd and 24th.

Haze :—on the 1st, 2nd and 15th.

Dew :—on the 1st, 2nd, 3rd, 4th, 5th, 10th and 17th.

Rainbow :—on the 29th.

Lightning without thunder :—on the 23rd, 24th, 25th, 26th, 30th and 31st.

Thunder and lightning :—on the 7th, 9th and 28th.

Thunderstorms :—on the 8th, 1 a.—4 a., in NW, nearest at 3.25 a. (3^s); and 12.30 p.—5 p., SW-NW, nearest at 3.58 p. (10^s). On the 27th, Noon—12.45 p., SW-NE, nearest at 12.14 p. (4^s).

TABLE 1.

BAROMETRIC PRESSURE FOR THE MONTH OF JUNE, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.669	29.662	29.652	29.657	29.663	29.672	29.680	29.708	29.703	29.691	29.683	29.679	29.659	29.642	29.617	29.615	29.614	29.612	29.616	29.630	29.637	29.656	29.657	29.641	29.655
" 2,...	.610	.600	.587	.579	.590	.596	.606	.615	.617	.619	.616	.606	.574	.559	.536	.525	.525	.530	.544	.570	.580	.591	.589	.580	.581
" 3,...	.556	.539	.529	.506	.513	.528	.548	.590	.591	.594	.590	.573	.552	.542	.527	.532	.518	.515	.535	.560	.575	.591	.619	.604	.555
" 4,...	.597	.584	.577	.569	.562	.599	.629	.645	.672	.690	.692	.698	.680	.671	.660	.661	.669	.689	.718	.741	.756	.773	.769	.732	.668
" 5,...	.721	.714	.725	.733	.745	.753	.766	.764	.769	.774	.765	.762	.750	.738	.726	.719	.714	.725	.745	.766	.770	.764	.757	.736	.746
" 6,...	.725	.727	.724	.726	.730	.732	.741	.749	.752	.748	.739	.728	.704	.718	.697	.673	.667	.679	.701	.713	.734	.738	.748	.723	.721
" 7,...	.711	.692	.698	.691	.687	.701	.713	.722	.728	.724	.723	.708	.705	.691	.677	.676	.665	.677	.696	.713	.728	.737	.728	.718	.705
" 8,...	.701	.699	.678	.677	.679	.691	.712	.708	.715	.720	.711	.700	.699	.691	.681	.670	.665	.673	.680	.701	.724	.737	.733	.723	.699
" 9,...	.715	.712	.687	.689	.699	.715	.718	.724	.733	.726	.726	.726	.717	.716	.706	.690	.698	.708	.721	.715	.738	.767	.767	.747	.719
" 10,...	.730	.719	.717	.711	.709	.716	.728	.735	.741	.744	.738	.736	.726	.709	.697	.688	.676	.685	.704	.726	.740	.746	.742	.722	.720
" 11,...	.716	.722	.733	.729	.728	.729	.739	.752	.769	.767	.768	.749	.740	.720	.707	.705	.698	.701	.716	.736	.744	.736	.731	.728	.732
" 12,...	.719	.709	.703	.699	.686	.689	.701	.712	.715	.703	.706	.697	.684	.667	.653	.639	.633	.637	.643	.667	.687	.702	.702	.693	.685
" 13,...	.677	.660	.652	.651	.668	.669	.680	.684	.691	.705	.707	.699	.676	.653	.653	.644	.634	.645	.655	.664	.675	.689	.692	.683	.671
" 14,...	.681	.673	.664	.666	.671	.677	.707	.724	.730	.733	.728	.735	.717	.707	.701	.681	.681	.698	.712	.739	.745	.755	.756	.749	.710
" 15,...	.736	.719	.716	.721	.726	.746	.761	.769	.774	.794	.813	.797	.788	.767	.760	.752	.746	.751	.756	.764	.777	.792	.786	.773	.762
" 16,...	.774	.752	.742	.740	.739	.752	.763	.775	.793	.785	.776	.768	.749	.740	.728	.716	.716	.715	.727	.743	.746	.748	.752	.751	.750
" 17,...	.729	.710	.704	.698	.699	.712	.720	.725	.741	.750	.738	.724	.702	.691	.673	.667	.671	.676	.695	.714	.736	.743	.736	.714	.711
" 18,...	.708	.708	.700	.695	.695	.716	.730	.740	.748	.750	.751	.746	.734	.728	.728	.714	.718	.720	.722	.730	.750	.778	.784	.770	.732
" 19,...	.772	.764	.758	.754	.756	.769	.791	.808	.823	.828	.829	.828	.811	.795	.783	.768	.760	.760	.771	.793	.816	.837	.832	.823	.793
" 20,...	.812	.795	.792	.798	.810	.828	.830	.847	.848	.845	.832	.818	.798	.775	.765	.752	.741	.734	.748	.761	.772	.778	.769	.765	.792
" 21,...	.749	.744	.742	.744	.746	.759	.766	.771	.775	.776	.775	.754	.739	.718	.699	.682	.674	.667	.676	.688	.707	.727	.729	.715	.730
" 22,...	.704	.695	.687	.686	.691	.699	.709	.731	.737	.735	.730	.727	.707	.699	.664	.648	.630	.627	.650	.669	.678	.705	.708	.700	.692
" 23,...	.686	.678	.677	.678	.678	.684	.681	.679	.689	.687	.679	.679	.672	.657	.642	.633	.630	.622	.636	.653	.669	.687	.696	.687	.669
" 24,...	.670	.666	.649	.644	.648	.659	.658	.661	.678	.673	.669	.665	.645	.627	.619	.605	.606	.614	.625	.644	.669	.682	.689	.687	.652
" 25,..	.679	.675	.653	.654	.660	.666	.669	.674	.686	.694	.690	.687	.672	.651	.641	.635	.638	.632	.641	.664	.682	.690	.702	.699	.668
" 26,...	.688	.671	.660	.652	.646	.651	.657	.664	.656	.651	.654	.644	.636	.621	.601	.601	.599	.590	.615	.629	.638	.653	.648	.658	.641
" 27,...	.636	.617	.607	.614	.598	.609	.629	.644	.659	.668	.665	.661	.677	.671	.658	.660	.655	.654	.665	.676	.688	.700	.700	.693	.654
" 28,..	.676	.668	.657	.657	.655	.660	.675	.676	.696	.705	.704	.701	.683	.675	.676	.660	.650	.656	.666	.680	.690	.699	.688	.674	.676
" 29,...	.658	.639	.624	.621	.624	.640	.658	.670	.675	.675	.671	.661	.641	.618	.595	.586	.595	.603	.621	.631	.642	.639	.630	.613	.635
" 30,...	.592	.586	.573	.581	.565	.581	.594	.606	.605	.611	.616	.598	.595	.587	.579	.569	.568	.572	.582	.582	.588	.594	.588	.581	.587
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.693	29.683	29.676	29.674	29.676	29.687	29.699	29.709	29.717	29.719	29.716	29.708	29.694	29.681	29.668	29.659	29.655	29.659	29.673	29.689	29.703	29.714	29.714	29.703	29.690

TABLE II.

TEMPERATURE FOR THE MONTH OF JUNE, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	81.1	80.8	80.8	80.8	80.8	81.0	81.6	82.3	82.6	84.5	83.6	83.1	82.6	82.6	82.5	82.5	83.1	82.1	82.0	82.9	81.6	81.5	81.5	81.6	82.1	86.5	79.3
„ 2,	81.7	81.5	81.2	81.5	81.6	81.7	82.0	82.5	83.5	84.0	83.6	84.3	84.8	84.4	83.4	83.0	82.5	82.5	82.4	82.4	82.6	82.6	82.6	81.8	82.7	85.6	80.6
„ 3,	82.2	82.5	82.5	82.3	82.5	82.4	82.3	82.4	82.5	82.8	83.8	84.1	84.8	83.6	83.5	82.3	82.4	82.6	82.6	82.1	80.0	77.6	74.6	73.8	81.8	85.4	73.8
„ 4,	74.4	74.6	74.2	74.6	74.2	74.5	75.4	74.6	76.4	77.3	77.9	78.5	77.9	78.3	78.3	78.4	78.3	77.5	75.1	74.1	73.7	73.6	73.5	73.5	75.8	78.8	73.3
„ 5,	73.9	73.3	73.0	73.4	74.7	74.8	75.0	75.6	76.9	77.8	78.7	79.3	78.5	78.7	77.8	78.1	78.1	77.7	77.8	76.0	74.7	75.2	76.2	75.0	76.3	79.8	73.0
„ 6,	75.7	76.2	75.8	74.8	73.9	73.4	75.9	76.7	76.7	77.7	77.9	77.6	76.4	73.0	72.9	74.1	74.5	75.4	74.8	75.6	74.7	76.3	75.9	75.9	75.5	78.6	72.5
„ 7,	75.2	75.0	75.0	74.7	75.0	75.0	75.1	74.9	75.3	77.1	79.0	79.3	79.7	79.4	83.5	82.0	81.5	80.5	79.0	78.5	77.8	77.0	77.3	77.0	77.7	84.4	74.1
„ 8,	77.6	75.6	74.8	75.3	75.8	75.8	76.6	77.4	77.3	77.0	77.6	76.8	74.8	75.8	76.3	78.6	78.4	77.6	77.3	77.2	77.0	77.2	77.0	76.8	76.7	79.2	74.1
„ 9,	75.5	74.8	74.5	74.5	74.6	74.2	75.1	75.9	76.7	75.9	76.2	74.9	74.0	72.6	72.0	73.6	73.4	72.5	72.6	72.4	72.5	71.3	70.9	71.6	73.8	76.7	70.5
„ 10,	70.9	70.7	70.9	70.7	70.5	71.0	72.2	72.5	74.0	75.7	75.7	74.3	74.1	74.0	74.7	75.2	75.6	74.9	75.0	75.0	74.6	74.7	75.0	74.6	73.6	76.7	68.9
„ 11,	74.5	74.4	73.5	73.6	73.6	74.1	76.3	77.0	77.4	77.4	77.0	79.2	81.1	82.1	80.2	80.1	79.2	78.3	77.6	77.3	77.2	76.6	76.6	76.3	77.1	82.6	73.3
„ 12,	75.9	76.1	76.0	76.6	76.4	76.7	79.5	81.3	81.7	82.1	82.4	81.4	82.3	81.4	80.7	80.9	80.1	79.0	79.0	78.6	78.6	78.5	78.5	78.4	79.3	85.0	75.3
„ 13,	78.4	78.1	77.5	77.6	77.5	77.1	76.4	77.2	77.9	76.4	76.6	76.6	78.0	80.0	80.8	80.0	78.4	77.7	77.8	77.5	77.3	77.7	77.6	77.8	77.8	81.5	75.3
„ 14,	78.0	78.3	78.7	78.7	79.1	78.0	78.9	79.1	79.5	79.4	79.7	79.6	79.7	79.6	78.0	77.4	77.1	78.4	77.6	77.5	77.2	77.4	77.2	77.5	78.4	80.2	76.4
„ 15,	78.4	78.7	78.8	79.0	79.3	79.2	79.6	80.3	78.6	75.6	75.4	74.6	73.6	74.1	74.0	74.1	74.5	74.5	74.6	74.9	74.5	75.0	75.2	75.6	76.3	80.6	73.0
„ 16,	75.8	75.9	76.1	78.1	78.6	78.7	79.7	81.3	81.3	82.1	81.1	81.0	83.6	84.0	82.7	81.3	80.6	79.8	80.0	80.0	80.1	80.0	80.1	80.5	80.1	84.4	75.2
„ 17,	80.2	80.2	80.3	80.4	80.5	80.7	80.6	81.0	81.2	81.5	81.7	81.8	82.6	82.6	82.5	82.3	83.2	81.6	81.5	81.0	80.6	81.1	80.8	80.6	81.3	84.0	77.6
„ 18,	80.3	80.3	80.6	80.6	80.6	80.7	81.5	82.2	83.0	82.9	80.6	78.3	80.8	81.5	80.1	81.4	81.5	81.5	81.4	80.8	80.7	80.5	80.5	80.4	80.9	84.5	78.3
„ 19,	80.3	80.2	80.5	80.4	80.3	80.4	81.6	82.5	84.0	83.1	85.0	87.0	84.4	86.5	85.9	84.7	85.1	83.5	81.5	81.2	81.2	80.7	80.6	80.5	82.5	87.7	79.8
„ 20,	80.6	80.7	80.3	80.8	80.8	81.8	81.8	82.9	83.8	84.3	86.7	86.7	87.2	86.1	85.3	85.2	85.4	83.6	82.3	81.3	81.1	81.2	80.6	80.0	82.9	87.4	79.7
„ 21,	80.6	81.2	80.9	81.0	79.1	80.6	81.6	82.5	83.5	84.7	85.7	86.5	86.2	85.9	85.0	84.8	84.4	83.4	81.7	81.2	81.2	80.8	80.5	80.6	82.6	87.2	76.9
„ 22,	80.5	80.5	80.8	80.6	80.7	81.2	81.9	83.9	83.7	85.7	86.4	86.6	86.4	86.0	86.2	85.4	86.0	84.1	82.0	81.5	81.5	81.6	81.3	81.3	83.2	86.8	79.9
„ 23,	81.4	80.5	79.8	79.4	79.6	80.7	81.4	82.4	83.5	84.3	85.2	87.3	86.6	85.3	85.1	84.8	84.7	84.3	82.0	81.8	81.2	80.7	80.6	80.7	82.6	88.0	79.3
„ 24,	81.1	81.1	80.1	80.8	80.7	80.9	82.7	83.9	82.4	83.7	85.8	85.9	85.7	87.7	87.2	85.7	85.4	84.6	82.4	81.9	82.0	81.7	81.6	81.1	83.2	87.7	79.8
„ 25,	81.3	81.6	81.3	80.8	80.7	80.3	82.7	83.4	81.6	83.6	83.7	86.7	84.5	86.0	87.2	86.1	84.6	83.0	82.3	81.6	81.6	80.8	80.6	80.8	82.8	87.2	80.0
26,	80.4	80.1	80.4	80.5	80.7	79.1	79.6	81.2	83.7	83.8	83.6	83.9	84.4	83.5	82.0	81.5	79.6	79.1	79.8	80.0	80.2	79.1	80.2	75.2	80.9	85.2	75.2
„ 27,	78.4	78.3	78.3	79.0	78.6	79.4	78.7	79.8	78.8	81.6	83.0	83.4	76.6	77.2	79.0	79.6	79.7	79.1	79.1	79.2	79.1	79.4	79.3	80.6	79.4	84.7	75.2
„ 28,	80.0	79.5	80.0	80.2	80.1	80.8	79.7	81.5	82.4	82.3	82.7	82.9	82.2	82.7	82.2	82.0	81.6	81.4	81.0	80.8	80.4	78.8	79.2	79.5	81.0	83.8	77.2
„ 29,	78.6	78.4	78.8	79.1	79.5	80.0	80.3	82.8	83.3	84.3	84.6	84.4	84.5	84.8	84.6	84.4	83.3	82.4	81.7	81.7	81.5	81.9	81.9	81.6	82.0	85.4	76.5
„ 30,	81.4	81.5	81.5	81.8	81.4	79.0	80.8	82.3	83.7	84.0	78.9	82.7	83.1	82.8	82.8	83.5	82.5	82.4	81.0	82.0	82.1	82.0	78.9	80.4	81.8	84.8	78.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means.	78.5	78.4	78.2	78.4	78.4	78.4	79.2	80.1	80.6	81.1	81.3	81.6	81.4	81.4	81.2	81.1	80.8	80.2	79.5	79.3	79.0	78.8	78.5	78.4	79.7	83.7	76.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION FOR THE MONTH OF JUNE, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
June 1, ...	77.7	77.6	77.5	77.4	77.5	77.6	77.4	77.9	78.3	79.4	77.9	78.2	77.8	77.6	77.5	78.3	77.8	77.8	77.5	77.5	77.5	77.8	77.7	77.6	77.8	149.6
„ 2, ...	78.2	78.2	78.4	77.9	77.7	77.7	78.2	78.5	77.8	78.2	78.6	78.5	78.6	78.3	78.7	78.3	78.1	78.3	77.8	78.6	78.6	78.4	78.8	78.8	78.3	134.5
„ 3, ...	78.3	77.7	78.1	78.0	77.9	77.8	78.0	77.6	78.3	78.6	78.8	78.6	79.4	78.9	78.5	78.6	78.6	78.2	78.0	78.2	79.0	75.2	74.0	73.4	77.8	86.9
„ 4, ...	74.0	74.0	73.8	74.1	74.0	74.4	73.6	70.8	71.0	71.3	72.0	72.0	72.6	73.3	73.2	73.5	72.9	72.7	72.6	72.6	72.5	72.0	72.0	71.9	72.8	110.8
„ 5, ...	70.5	70.5	70.2	70.7	70.7	70.5	69.9	69.6	70.8	71.7	71.8	71.6	69.6	69.8	71.2	70.6	71.2	70.7	72.3	72.0	69.5	70.1	69.7	71.8	70.7	135.0
„ 6, ...	72.5	73.1	73.0	73.2	72.5	71.9	71.7	72.5	72.6	73.5	73.0	73.6	73.7	72.6	72.5	72.6	72.9	73.6	73.5	73.6	73.4	74.5	74.8	74.6	73.1	130.7
„ 7, ...	74.1	74.1	73.5	73.5	73.5	73.8	74.0	73.9	73.8	75.0	76.0	76.0	76.0	76.2	76.5	76.0	76.1	76.0	76.2	76.0	75.8	75.6	75.6	75.4	75.1	141.2
„ 8, ...	76.1	73.6	73.6	74.3	74.1	74.3	74.6	75.4	75.6	75.6	76.6	75.6	73.6	74.2	74.6	74.8	75.0	75.2	75.0	75.4	75.6	75.5	75.9	76.2	75.0	105.1
„ 9, ...	74.9	74.8	74.4	73.9	74.0	73.4	73.8	74.6	74.9	74.8	74.6	73.0	72.9	71.6	71.1	71.6	71.4	70.6	71.0	71.1	71.3	69.5	69.4	69.2	72.6	99.5
„ 10, ...	69.5	69.3	69.2	69.2	69.1	69.2	69.8	69.9	71.3	71.5	71.3	71.8	72.3	72.5	72.5	72.4	72.6	72.4	72.3	72.0	72.1	72.1	72.1	71.5	71.2	137.0
„ 11, ...	71.5	71.7	71.7	71.4	71.5	72.1	73.1	72.9	73.7	73.8	73.6	74.6	75.0	75.8	74.9	75.0	74.2	74.2	74.1	74.2	74.1	73.7	74.2	73.8	73.5	135.2
„ 12, ...	73.7	73.7	73.7	74.4	74.6	74.9	76.7	76.9	77.0	76.7	77.1	76.7	76.9	77.5	76.2	76.4	76.3	75.8	75.8	76.0	76.0	76.0	76.0	76.0	75.9	146.1
„ 13, ...	76.4	76.5	76.5	76.2	76.1	76.1	75.2	76.4	76.4	73.6	74.5	73.6	75.1	76.5	76.3	76.3	75.6	75.7	75.6	75.4	75.0	76.3	76.5	76.1	75.7	124.5
„ 14, ...	76.0	76.0	76.1	76.1	76.2	75.8	76.6	77.2	76.8	76.2	75.6	76.6	76.4	76.6	75.4	75.6	75.2	74.8	75.6	75.8	76.0	75.6	75.6	76.0	76.0	118.1
„ 15, ...	76.1	76.2	76.4	76.6	76.5	76.5	76.8	76.6	75.7	72.7	73.9	73.0	73.1	73.6	73.6	73.6	73.7	73.6	74.0	73.9	73.8	74.0	74.1	74.9	74.7	97.7
„ 16, ...	75.0	75.1	75.1	76.5	76.5	76.8	78.0	77.7	77.3	77.2	76.7	76.6	77.2	77.5	77.3	76.9	76.6	76.9	76.1	76.7	76.8	77.1	77.3	76.0	76.7	141.5
„ 17, ...	77.2	76.7	76.6	76.6	76.6	76.5	76.9	77.0	77.5	76.8	77.0	77.2	76.7	76.8	77.6	77.5	77.7	77.4	77.8	77.6	77.3	77.2	77.0	77.2	77.1	117.1
„ 18, ...	77.1	76.9	76.7	76.5	76.9	76.9	78.0	77.8	78.3	78.7	76.9	76.3	77.4	77.1	77.6	77.7	77.6	78.0	78.2	78.0	77.6	77.7	77.5	77.4	77.4	132.8
„ 19, ...	77.0	76.8	76.8	76.9	76.7	76.9	77.0	77.1	78.1	77.5	78.0	79.0	77.0	78.2	77.6	77.0	78.1	78.4	77.4	77.3	77.3	77.5	77.6	78.5	77.5	142.3
„ 20, ...	77.1	77.0	76.7	76.7	76.5	76.7	76.7	77.0	76.2	77.4	76.7	77.0	77.2	77.5	77.7	77.0	78.3	77.6	76.8	76.9	77.1	76.4	76.7	76.4	77.0	137.0
„ 21, ...	76.5	76.6	76.9	76.8	76.1	77.1	77.7	77.9	78.0	78.0	78.1	78.5	76.7	77.0	77.2	77.4	78.0	77.7	77.6	78.1	77.2	77.0	76.5	76.5	77.3	139.9
„ 22, ...	76.5	76.3	76.0	76.1	76.5	76.8	76.8	77.6	77.7	78.5	78.3	77.3	77.5	77.7	77.3	76.7	76.6	77.5	77.1	77.1	76.2	76.2	76.7	77.0	77.0	137.4
„ 23, ...	77.6	77.8	77.5	77.3	76.7	77.1	77.1	77.0	77.4	76.8	77.1	78.6	77.0	76.8	77.8	78.0	77.7	77.3	77.3	77.0	76.5	76.4	76.4	77.2	77.2	139.0
„ 24, ...	76.9	76.7	77.1	76.5	76.5	77.0	77.7	77.0	76.9	77.7	77.7	77.7	77.3	78.7	78.0	78.0	77.8	77.6	77.2	77.2	77.6	77.8	77.5	77.6	77.4	141.4
„ 25, ...	77.5	77.5	77.5	77.0	76.9	77.8	78.1	78.0	75.5	77.6	77.9	79.1	78.7	77.1	76.9	77.4	76.7	77.1	77.8	77.7	76.6	77.2	77.1	77.3	77.4	140.4
„ 26, ...	77.6	77.4	77.3	77.1	77.0	75.8	76.8	77.8	78.6	78.3	78.2	78.1	77.6	77.2	76.6	76.9	76.8	77.6	77.3	76.3	77.1	77.2	77.2	74.7	77.2	137.8
„ 27, ...	77.3	76.1	75.6	76.5	76.1	75.8	75.6	76.0	75.6	76.3	76.9	77.6	73.9	74.8	75.2	75.6	75.6	76.1	76.5	77.8	77.3	77.5	77.1	76.6	76.2	136.1
„ 28, ...	77.0	77.4	76.6	76.7	76.7	77.0	77.0	77.9	78.0	77.7	78.0	77.4	78.0	78.3	77.2	76.6	77.6	78.1	77.6	77.4	77.8	76.3	76.7	77.4	77.4	132.0
„ 29, ...	77.5	76.2	77.2	77.5	77.8	77.7	78.3	79.2	78.8	79.3	78.5	77.1	76.7	75.3	74.7	76.0	77.2	76.7	76.5	76.5	76.5	76.4	76.5	76.0	77.1	145.2
„ 30, ...	76.4	76.5	76.7	76.8	77.1	77.1	77.6	78.0	78.7	78.9	78.8	78.9	79.1	78.2	78.3	77.8	77.6	78.1	77.4	77.2	77.0	76.9	77.8	77.1	77.7	126.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	75.8	75.6	75.5	75.6	75.5	75.6	76.0	76.1	76.2	76.3	76.3	76.3	76.0	76.1	76.0	76.0	76.0	76.1	76.0	76.0	75.9	75.7	75.7	75.7	75.9	130.0

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JUNE, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	88	0.858	June 1,.....	82	0.896
2 „	88	.851	„ 2,.....	81	.910
3 „	88	.850	„ 3,.....	83	.900
4 „	88	.851	„ 4,.....	86	.768
5 „	87	.847	„ 5,.....	75	.677
6 „	88	.851	„ 6,.....	88	.784
7 „	86	.858	„ 7,.....	88	.837
8 „	82	.850	„ 8,.....	92	.847
9 „	80	.847	„ 9,.....	94	.786
10 „	79	.845	„ 10,.....	88	.733
11 „	78	.842	„ 11,.....	84	.779
Noon.	77	.839	„ 12,.....	85	.850
1 p.	77	.828	„ 13,.....	91	.862
2 „	77	.833	„ 14,.....	89	.866
3 „	78	.831	„ 15,.....	93	.839
4 „	78	.832	„ 16,.....	85	.875
5 „	79	.836	„ 17,.....	82	.875
6 „	82	.849	„ 18,.....	85	.894
7 „	85	.854	„ 19,.....	79	.877
8 „	86	.857	„ 20,.....	75	.849
9 „	87	.856	„ 21,.....	78	.867
10 „	87	.850	„ 22,.....	74	.845
11 „	88	.854	„ 23,.....	77	.863
Midt.	88	.855	„ 24,.....	76	.863
			„ 25,.....	77	.870
			„ 26,.....	84	.885
			„ 27,.....	86	.862
			„ 28,.....	85	.893
			„ 29,.....	79	.866
			„ 30,.....	83	.895
			.....	...	...
Means,.....	83	0.847	Means.	83	0.847

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.
1899.														
June 1,.....	...	...	...	0.3	0.4	...	...	...	...	...	...	0.1	...	0.8
„ 2,.....	...	...	...	0.8	0.5	0.4	0.8	0.4	...	...	...	...	...	2.9
„ 3,.....	...	...	...	...	0.3	0.5	0.8	0.7	0.1	...	...	...	...	2.4
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	0.1	...	0.4	1.0	1.0	1.0	1.0	0.7	...	0.1	...	5.3
„ 6,.....	...	...	0.5	...	0.7	0.2	...	...	...	...	...	...	...	1.4
„ 7,.....	...	...	...	0.2	1.0	0.8	0.7	0.8	0.1	0.9	0.5	0.1	...	5.1
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	0.4	0.1	...	...	...	...	...	...	...	0.5
„ 11,.....	0.1	0.9	0.4	0.1	0.1	...	0.9	1.0	1.0	0.7	0.5	...	...	5.7
„ 12,.....	0.3	1.0	0.9	0.7	0.7	0.8	0.1	0.2	...	...	0.1	...	...	4.8
„ 13,.....	...	...	...	...	...	...	...	...	0.3	...	...	...	...	0.3
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	0.1	0.4	...	0.4	0.8	0.9	0.6	0.9	0.7	0.1	...	...	...	4.9
„ 17,.....	...	...	0.2	0.4	0.1	0.1	...	...	...	...	0.2	0.6	...	1.6
„ 18,.....	0.1	0.7	0.9	0.9	0.4	...	...	...	...	...	...	...	...	3.0
„ 19,.....	0.3	1.0	1.0	0.9	0.9	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.4	11.3
„ 20,.....	0.2	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.4
„ 21,.....	...	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	10.1
„ 22,.....	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
„ 23,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.9	1.0	1.0	0.5	10.7
„ 24,.....	0.2	0.8	0.9	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	10.9
„ 25,.....	0.5	0.9	1.0	0.7	0.6	1.0	0.9	0.5	1.0	1.0	0.4	...	...	8.5
„ 26,.....	...	0.2	0.8	1.0	1.0	0.9	0.9	1.0	0.7	0.8	0.2	...	...	7.5
„ 27,.....	...	...	...	...	...	0.4	0.7	...	...	...	...	...	...	1.1
„ 28,.....	0.1	0.3	0.5	0.6	0.1	0.6	0.9	0.7	0.7	...	...	...	...	4.5
„ 29,.....	0.1	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	10.6
„ 30,.....	...	0.1	0.8	0.9	0.9	0.3	1.0	1.0	1.0	0.8	0.8	0.4	0.1	8.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	2.2	9.8	12.6	13.6	15.0	15.0	16.3	15.0	13.0	11.9	9.7	8.0	2.8	144.9

TABLE VI.

RAINFALL FOR THE MONTH OF JUNE, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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	0.005	0.090	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.105	2
" 2,	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.005	0.010	...	...	...	...	...	...	...	0.050	1
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	...	...	...	...	0.140	0.645	0.820	0.570	2.200	5
" 4,	0.300	0.125	0.125	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.045	0.040	0.025	...	...	0.690	7
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	†0.010	†0.010	†0.050	0.070	2
" 6,	†0.070	†0.040	†0.020	†0.010	†0.020	†0.010	...	...	...	...	...	...	0.005	0.350	0.120	0.060	0.020	0.020	0.085	0.340	0.590	0.180	0.010	0.040	1.990	17
" 7,	0.040	0.010	0.020	0.010	0.020	0.030	0.350	0.225	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.705	7
" 8,	0.210	0.325	...	...	...	...	...	...	0.015	0.010	0.080	0.710	1.020	0.330	0.010	...	...	...	0.015	...	..	..	0.040	...	2.765	9
" 9,	0.015	0.005	...	0.005	0.020	0.010	0.005	...	...	0.015	0.155	0.510	0.045	0.705	0.290	...	0.005	0.280	0.015	0.010	0.005	...	0.005	...	2.100	17
" 10,	0.005	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	6
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	..	...	...	0.015	0.090	0.095	0.120	0.030	0.125	0.055	0.005	...	...	...	0.035	...	...	...	...	0.005	0.060	0.105	0.740	12
" 14,	0.010	...	...	...	0.005	0.105	0.005	0.015	0.075	...	0.020	0.005	...	...	...	0.015	...	0.005	...	...	...	...	...	...	0.260	6
" 15,	...	...	...	...	...	...	0.005	0.015	...	0.415	1.170	0.730	0.480	0.270	0.220	0.050	0.045	0.025	...	...	...	...	...	...	3.425	8
" 16,	...	0.100	0.180	...	...	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.290	2
" 17,	...	...	...	...	...	..	0.005	0.075	0.015	...	0.015	...	...	...	...	0.015	...	...	...	...	...	...	...	...	0.125	2
" 18,	...	...	...	...	...	...	...	...	...	...	...	0.120	0.035	...	...	0.010	...	...	...	...	...	...	...	...	0.165	1
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	0.230	0.150	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.380	1
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...
" 24,	...	...	...	...	...	...	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	1
" 25,	...	...	...	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...
" 26,	...	...	...	...	...	0.025	0.125	...	...	...	...	...	...	...	0.025	0.015	0.165	0.040	0.020	...	...	0.035	0.010	0.290	0.750	3
" 27,	0.160	0.055	0.010	0.015	0.070	0.065	0.005	0.105	0.010	...	...	...	0.455	0.025	0.005	...	...	...	...	...	...	0.040	0.005	...	1.025	6
" 28,	0.025	0.005	...	0.020	...	0.005	0.200	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...	0.010	0.285	3
" 29,	0.110	...	0.025	0.005	...	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.155	2
" 30,	...	0.005	...	...	...	0.050	0.005	...	0.010	0.005	0.340	...	...	...	...	...	...	0.010	...	...	...	...	0.200	0.010	0.635	2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.965	0.690	0.385	0.415	0.300	0.330	0.805	0.540	0.265	0.475	1.905	2.130	2.045	1.680	0.695	0.195	0.280	0.380	0.135	0.395	0.775	0.955	1.160	1.075	18.975	122

The daily duration of rain is entered from estimation.

† Clock stopped, readings approximate—total correct 10p.—6a.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JUNE, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		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,	17	9	17	9	18	12	19	13	19	13	19	12	18	15	19	16	18	16	18	13	20	22	19	13	19	17	19	14	18	21	18	18	18	19	17	14	18	14	18	14	18	13	17	7	18	12	18	17	343	14.3	18
" 2,	18	17	19	17	18	21	18	25	18	23	18	19	18	20	19	20	19	25	20	28	18	22	19	31	19	27	20	24	19	23	18	24	19	32	19	32	19	28	18	24	18	24	18	25	18	26	20	23	580	24.2	19
" 3,	19	20	19	21	18	27	19	24	18	28	19	35	18	43	19	37	20	34	19	34	19	33	20	33	19	41	18	37	19	39	19	31	19	32	19	24	19	31	18	26	19	27	25	17	21	2	4	6	682	28.4	19
" 4,	20	3	21	8	24	11	25	7	26	10	25	4	1	12	1	10	32	3	32	8	3	6	8	5	10	5	...	1	10	3	10	7	10	7	11	13	7	14	8	17	7	21	7	18	7	14	7	16	223	9.3	6
" 5,	7	11	8	11	8	9	7	9	6	12	6	16	5	19	5	22	7	18	8	21	8	28	7	27	7	28	7	28	7	29	7	27	8	29	8	29	8	28	10	29	8	31	7	28	8	32	7	30	551	23.0	7
" 6,	8	25	7	27	7	25	9	28	7	27	7	22	8	29	7	32	7	32	7	33	6	33	7	34	7	35	13	27	7	21	7	27	7	28	8	23	7	20	10	19	7	17	9	22	9	19	7	19	624	26.0	8
" 7,	7	23	9	26	9	21	7	23	7	21	7	18	7	14	8	18	9	15	8	13	7	13	8	15	8	13	8	8	22	9	18	11	21	10	22	6	25	3	25	5	25	5	...	1	...	1	23	2	294	12.2	8
" 8,	23	4	11	5	5	3	8	2	8	3	10	7	10	8	10	14	9	13	9	11	8	10	7	12	19	22	20	13	22	10	19	6	...	1	...	1	21	4	11	5	9	9	9	10	9	5	11	2	180	7.5	12
" 9,	28	7	29	5	29	3	...	0	...	0	...	1	...	1	6	2	...	0	31	3	31	5	32	9	8	5	1	11	7	7	6	14	7	28	7	23	7	26	7	31	7	27	7	29	7	27	7	27	291	12.1	6
" 10,	7	25	7	21	7	20	6	15	7	16	6	13	6	11	6	13	5	11	6	12	7	13	10	14	7	8	10	9	7	9	6	11	9	14	9	12	9	12	9	9	7	10	7	7	8	16	8	11	312	13.0	7
" 11,	8	9	11	2	11	3	...	1	7	4	7	3	7	2	7	5	7	10	7	9	9	9	9	7	10	3	24	5	11	6	12	7	15	8	15	8	15	8	15	6	15	3	15	4	...	0	...	0	122	5.1	11
" 12,	...	0	...	0	...	1	...	0	...	1	15	2	15	2	...	1	21	2	29	4	15	11	18	7	16	8	16	9	16	6	16	4	16	7	17	6	18	4	18	4	18	4	18	3	18	6	16	5	97	4.0	17
" 13,	11	3	11	2	...	0	11	2	...	1	2	6	30	5	31	2	16	5	18	16	21	6	...	0	27	2	17	4	18	3	17	5	18	4	17	6	17	2	...	1	12	3	7	8	8	7	10	4	97	4.0	15
" 14,	15	3	16	7	17	7	17	6	17	10	16	9	15	6	14	5	15	11	15	16	16	17	15	14	16	7	17	9	20	8	18	2	16	2	...	0	16	3	12	6	10	6	8	7	8	10	6	8	179	7.5	15
" 15,	6	6	16	11	16	10	16	11	17	13	17	11	16	12	17	13	16	8	30	19	30	8	25	5	26	2	...	1	...	1	27	5	...	0	27	3	9	6	9	6	9	4	7	13	9	14	10	15	197	8.2	14
" 16,	9	10	8	12	4	4	16	10	18	10	19	7	17	8	18	9	19	11	19	13	16	9	16	6	18	13	17	14	19	13	19	12	22	6	20	5	19	9	18	7	16	6	15	9	17	4	19	8	215	9.0	17
" 17,	18	7	19	17	18	18	18	14	19	15	19	15	19	13	20	14	21	15	20	16	24	12	19	20	20	14	19	13	18	12	19	12	19	11	18	12	17	9	16	5	18	11	17	10	17	7	17	7	299	12.5	19
" 18,	17	14	18	15	18	16	18	16	19	16	20	13	18	10	19	11	18	9	17	11	18	12	18	6	19	14	19	7	16	5	18	10	18	8	17	6	16	9	17	9	16	9	16	9	17	8	16	11	254	10.6	18
" 19,	17	12	18	12	18	14	18	11	17	12	19	11	18	12	18	9	19	9	19	9	19	8	19	11	16	6	20	9	21	9	18	8	16	8	16	7	16	9	16	6	16	3	16	3	15	2	...	1	201	8.4	18
" 20,	16	7	18	4	18	6	19	7	18	7	19	6	19	3	22	6	20	7	23	6	23	10	21	8	20	11	18	9	18	13	19	12	18	10	18	10	18	9	18	6	18	2	...	1	...	0	18	3	163	6.8	19
" 21,	18	3	19	6	21	7	21	10	23	7	20	12	22	9	21	11	21	11	21	8	20	12	19	16	19	16	19	13	19	17	19	16	20	15	18	9	18	3	18	7	18	7	18	6	18	3	19	6	230	9.6	20
" 22,	21	9	20	13	20	10	21	9	20	10	20	11	20	12	21	13	21	13	21	15	20	18	20	18	21	18	21	16	19	16	19	14	20	14	20	10	20	9	21	6	20	7	20	8	20	10	19	7	286	11.9	20
" 23,	19	8	22	8	23	7	23	5	23	7	19	7	22	7	23	9	22	9	20	15	22	14	21	12	19	18	19	16	20	14	21	11	19	13	18	9	18	4	17	3	17	5	17	6	17	3	17	2	212	8.8	20
" 24,	19	5	20	4	20	2	21	5	20	5	21	4	21	5	18	5	21	9	21	8	21	13	18	10	19	10	19	9	19	11	18	10	18	9	17	8	17	4	18	3	18	3	...	0	18	3	...	1	146	6.1	19
" 25,	17	2	16	4	17	4	19	5	18	2	...	0	...	1	18	3	19	5	23	4	19	6	19	4	18	9	17	9	17	9	17	9	17	9	13	9	13	8	10	10	12	12	11	7	10	8	10	7	146	6.1	15
" 26,	10	10	10	11	10	10	10	12	10	12	9	13	10	14	9	14	9	14	9	17	9	20	11	19	10	27	9	24	10	18	13	18	7	12	9	11	9	16	10	15	9	15	10	14	8	23	13	17	376	15.7	10
" 27,	8	16	11	22	13	27	10	21	11	26	12	24	13	27	12	22	13	16	13	15	13	22	13	27	16	22	15	11	15	8	14	6	11	9	9	13	9	18	9	17	9	13	8	13	10	15	12	17	427	17.8	12
" 28,	10	21	10	16	13	20	10	18	13	21	10	18	12	18	9	20	11	20	11	20	9	21	10	23	8	21	9	21	9	21	9	18	9	17	9	16	9	15	10	12	9	14	9	13	9	13	8	13	430	17.9	10
" 29,	10	15	10	12	12	8	8	10	9	14	7	13	9	10	8	13	7	17	7	20	7	25	7	26	7	29	8	26	8	30	7	28	8	26	7	23	7	25	7	21	7	21	9	31	8	29	8	29	501	20.9	8
" 30,	9	31	8	29	9	34	8	35	7	32	9	27	7	29	7	29	7	29	7	35	7	34	7	36	8	34	8	36	9	30	9	32	7	31	7	34	7	33	7	37	7	40	7	39	8	34	8	38	798	33.3	8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	335	...	357	...	360	...	354	...	378	...	359	...	377	...	398	...	397	...	452	...	472	...	468	...	485	...	433	...	421	...	415	...	419	...	382	...	383	...	366	...	372	...	368	...	353	...	352	9456	394.0	...
Means,	...	11.2	...	11.9	...	12.0	...	11.8	...	12.6	...	12.0	...	12.6	...	13.3	...	13.2	...	15.1	...	15.7	...	15.6	...	16.2	...	14.4	...	14.0	...	13.8	...	14.0	...	12.7	...	12.8	...	12.2	...	12.4	...	12.3	...	11.8	...	11.7	315.2	13.1	...

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
1899.												
June 1, ...	9	cum.	SSW	10	nim.	...	9	sm-cum. / cum.	NW / SSW	9	sm-cum. / cum.	SSW
„ 2, ...	10	cum.	SW	9	cum.	SW	10	sm-cum. / cum.	SW	10	sm-cum. / cum.	SW
„ 3, ...	10	cum-nim.	SW	10	cum-nim.	SW	10	R-cum.	SW	10	cum-nim.	SW
„ 4, .	10	nim.	...	10	nim.	...	10	sm-cum. / cum.	N	10	str-cum.	W
„ 5, ...	10	cum-nim.	E	10	str-cum.	E	10	str-cum.	E	9	c-str. / cum.	N / ..
„ 6, ...	10	nim.	...	10	nim.	...	9	sm-cum / cum.	E	10	sm-cum. / cum.	E
, 7, ...	10	nim.	...	10	nim.	...	10	nim.	...	9	c-str. / cum. / cum.	.. / SW / ENE
„ 8, ...	10	nim.	...	9	cum.	...	10	nim.	E	10	nim.	E
„ 9, ...	10	nim.	...	10	nim.	...	10	str.	...	10	nim.	ESE
„ 10, ...	10	nim.	E	10	nim.	E	10	cum.	NE	10	cum.	ENE
„ 11, ...	10	cum.	...	10	nim.	...	4	c-str. / cum.	W / ..	10	str-cum.	...
„ 12, ...	9	cum.	...	8	cum.	...	5	c-cum / cum.	SW / WSW	4	c-cum. / cum.	WSW
„ 13, ...	10	cum.	...	10	nim.	SSW	10	nim.	...	10	nim.	SSW
„ 14, ...	10	nim.	S	10	cum-nim.	S	10	nim.	SSW	10	nim.	S
„ 15, ...	10	nim.	...	10	cum.	S	10	cum.	SSW	10	nim.	W
„ 16, ...	10	nim.	...	10	cum.	SSW	9	sm-cum. / cum.	SSW	8	cum.	SSW
„ 17, ...	9	cum.	SW	10	cum.	SW	10	cum.	WSW	10	cum.	WSW
„ 18, ...	9	cum.	SSW	9	cum.	SSW	4	cum.	SSW	8	cum.	SSW
„ 19, ...	9	cum.	SSW	4	cum.	SSW	5	cum.	SSW	8	cum.	SSW
„ 20, ...	9	cum.	SSW	8	cum.	SSW	3	c-str. / cum.	SSW	6	c-str. / cum.	NE / ..
„ 21, ...	8	cum.	SW	10	nim.	...	8	c-cum. / cum.	SW	10	c-cum. / cum.	WSW
„ 22, ...	7	cum.	SW	7	cum.	SW	4	c-cum. / cum.	SW	2	c-cum. / cum.	WSW
„ 23, ...	10	nim.	WSW	8	cum.	WSW	9	c-cum. / cum.	WSW	9	c-cum. / cum.	WSW
„ 24, ...	9	cum.	SSW	9	cum.	SSW	7	c-cum. / cum.	SSW	8	c-str. / cum.	SSW
„ 25, ...	9	cum.	S	8	cum.	S	8	cum.	S	9	cum. / nim.	...
„ 26, ...	9	cum.	SE	9	cum.	SE	10	nim.	E	8	c-cum. / cum.	SSE
„ 27, ...	10	nim.	...	10	nim.	...	9	c-str. / cum-nim.	SE	9	str-cum.	SE
„ 28, ...	10	nim.	SE	8	nim.	SE	10	cum. / nim.	ESE	10	cum.	SE
„ 29, ...	10	nim.	ESE	10	nim.	ESE	7	c-cum. / cum.	ESE	4	cum.	ESE
„ 30, ...	8	cum.	E	10	cum.	E	10	cum. / nim.	E / E	8	c-cum. / cum.	E
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	9.5	...	...	9.2	...	...	8.3	...	...	8.6	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1899.													
June 1,...	10	cum.	SW	10	cum.	SW	10	cum.	SW	10	cum.	SW	9.6
„ 2,...	10	c-str. / cum.	SW	10	cum.	SW	10	cum.	SW	10	cum.	SW	9.9
„ 3,...	10	c-cum. / cum.	SW	10	nim.	SW	10	cum.	SW	10	nim.	...	10.0
„ 4,...	10	str-cum.	...	10	str-cum.	...	10	nim.	...	10	nim.	...	10.0
„ 5,...	8	c-cum.	SW	9	str-cum.	...	10	cum.	E	10	cum.	E	9.5
„ 6,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	9.9
„ 7,...	8	c-cum / cum. / cum.	.. / WSW / E	7	c-cum. / cum.	E	9	c-cum. / cum.	...	5	cum.	...	8.5
„ 8,...	10	nim.	E	8	sm-cum. / cum.	...	10	nim.	...	10	nim.	...	9.6
„ 9,...	10	nim.	ENE	10	cum.	NE	10	nim.	ENE	10	nim.	ENE	10.0
„ 10,...	10	nim.	E	9	cum.	ENE	10	cum.	ENE	10	cum.	ENE	9.9
„ 11,...	6	c-cum. / sm-cum.	W	9	sm-cum. / cum.	W / ..	9	sm-cum. / cum.	...	3	sm-cum.	...	7.6
„ 12,...	8	c-cum. / cum.	S	9	c-cum. / cum.	SW	10	c-cum. / cum.	WSW	9	cum.	SW	7.7
„ 13,...	10	nim.	SSW	9	c-cum. / cum.	SSW	10	cum.	WSW	10	nim.	...	9.9
„ 14,...	10	cum.	SSW	10	nim.	...	10	c-str. / cum.	SW	8	c-str. / cum.	..	9.8
„ 15,...	10	nim.	W	10	nim.	WNW	10	nim.	...	10	str-cum.	...	10.0
„ 16,...	7	cum.	SW	10	cum-nim.	WSW	10	c-cum. / cum.	SW	10	cum.	SSW	9.2
„ 17,...	10	str. / R-cum.	SW	9	c-cum. / cum.	SSW	10	sm-cum. / cum.	SSW	10	c-str. / cum.	SW	9.7
„ 18,...	10	nim.	SSW	10	cum.	SSW	9	c-cum. / cum.	SSW	10	c-str. / cum.	SSW	8.6
„ 19,...	5	cum.	SSW	3	c-cum. / cum.	SSW	5	c-cum. / cum.	SSW	9	cum.	SSW	6.0
„ 20,...	6	c-str. / cum.	NE / SW	3	c-str. / cum.	SW	9	c-str. / cum.	WSW	8	c-cum. / cum.	SW	6.5
„ 21,...	7	c-cum. / cum.	WSW	7	c-cum. / cum.	WSW	10	c-str. / cum.	WSW	10	c-str. / cum.	WSW	8.8
„ 22,...	6	c-cum. / cum.	WSW	4	c-cum. / cum.	WSW	5	c-cum. / cum.	WSW	8	c-cum. / cum.	WSW	5.4
„ 23,...	8	c-str. / cum.	WSW	7	c-str. / cum.	WSW	8	c-cum. / cum.	WSW	1	c-cum.	...	7.5
„ 24,...	7	c-str. / cum.	SSW	5	c-str. / cum.	SSW	9	c-str. / cum.	S	7	c-str. / cum.	S	7.6
„ 25,...	10	c-cum. / cum.	S	10	c-cum. / cum.	S	5	c-cum. / cum.	S	8	sm-cum.	N	8.4
„ 26,...	6	c-cum. / cum.	SE	8	cum-nim.	SE	10	nim.	SE	10	nim.	ESE	8.7
„ 27,...	10	nim.	SSE	9	str. / cum.	SSE	10	sm-cum. / cum.	SE	10	nim.	...	9.6
„ 28,...	9	c-str. / cum.	ESE	7	c-str. / cum.	NW / ..	10	c-str. / cum.	E	10	cum-nim.	...	9.3
„ 29,...	2	c-cum. / cum.	E	1	cum.	E	10	c-str. / cum.	E	0	...	...	5.5
„ 30,...	9	c-cum. / cum.	E	8	c-cum. / cum.	ESE	10	cum.	E	9	cum.	E	9.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.4	...	...	8.0	...	...	9.3	...	...	8.5	...	...	8.7

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JUNE, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	0.6	6.7	4.5	1.8	−3.9	+4.9	E 39° S
2 „	0.4	6.2	5.5	2.6	5.1	3.7	E 54° S
3 „	0.5	5.2	6.7	2.6	6.2	2.6	E 67° S
4 „	0.4	5.6	5.7	2.8	5.2	2.8	E 62° S
5 „	0.9	5.7	6.2	3.1	5.3	2.6	E 64° S
6 „	1.0	5.5	6.0	3.1	5.0	2.4	E 64° S
7 „	1.4	5.3	6.5	2.6	5.1	2.7	E 62° S
8 „	1.4	6.5	5.6	3.5	4.1	3.0	E 54° S
9 „	1.0	6.1	6.0	3.8	5.0	2.3	E 66° S
10 „	1.9	6.5	6.3	4.4	4.4	2.1	E 64° S
11 „	1.6	7.3	6.3	4.3	4.7	3.0	E 58° S
Noon.	1.2	7.6	7.2	4.0	6.0	3.6	E 59° S
1 p.	0.7	6.4	8.0	4.6	7.3	2.2	E 73° S
2 „	0.5	5.6	7.8	3.8	7.2	1.8	E 76° S
3 „	0.4	5.7	7.3	4.2	6.9	1.5	E 78° S
4 „	0.9	5.8	7.5	3.5	6.6	2.3	E 71° S
5 „	0.6	6.6	6.6	3.5	6.0	3.1	E 63° S
6 „	0.6	6.7	5.8	2.4	5.3	4.3	E 51° S
7 „	0.8	7.3	5.3	2.2	4.5	5.1	E 42° S
8 „	0.6	7.5	5.4	1.6	4.8	5.9	E 39° S
9 „	0.9	7.9	4.5	1.7	3.6	6.2	E 30° S
10 „	1.1	8.5	3.7	1.3	2.6	7.2	E 20° S
11 „	0.3	8.8	3.3	1.1	3.0	7.7	E 22° S
Midt.	0.8	8.0	3.9	1.3	−3.0	+6.7	E 24° S
Means,.....	0.9	6.6	5.9	2.9	−5.03	+3.74	E 53° S

PHENOMENA :—

Solar halo :—on the 2nd, 11th, 23rd, 24th and 28th.

Lunar halo :—on the 14th, 17th, 18th, 21st and 28th.

Lunar corona :—on the 14th, 20th and 24th.

Dew :—on the 12th.

Rainbow :—on the 24th, 26th, 28th and 30th.

Lightning without thunder :—on the 1st, 2nd, 10th, 12th and 28th.

Thunder without lightning :—on the 28th.

Thunder and lightning :—on the 7th and 14th.

Thunderstorms :—on the 3rd, at 10 p.—4th at 3.30 a., NW-NE, nearest at 0.10 a. (2°): on the 7th at 11.55 p.—8th at 0.45 a., distant in S; on the 13th 9.30 a.—10.45 a., SW-NE, nearest at 10.24 a. (14°); on the 15th 8 a.—1 p., SW-NE, nearest at 12.5 p. (10°); on the 18th, noon—3 p., SW-NE, nearest at 12.19 p. (20°).

TABLE 1.

BAROMETRIC PRESSURE, FOR THE MONTH OF JULY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.561	29.542	29.528	29.521	29.516	29.535	29.570	29.576	29.565	29.559	29.552	29.559	29.547	29.534	29.529	29.519	29.502	29.517	29.523	29.543	29.558	29.553	29.563	29.552	29.543
" 2,...	.522	.513	.502	.498	.514	.523	.536	.551	.572	.569	.561	.551	.539	.523	.530	.531	.532	.538	.553	.569	.586	.595	.598	.578	.545
" 3,...	.564	.550	.551	.560	.557	.566	.584	.588	.599	.600	.594	.581	.571	.555	.540	.528	.520	.328	.535	.556	.573	.591	.600	.588	.566
" 4,...	.577	.555	.545	.551	.556	.563	.567	.566	.563	.569	.563	.557	.549	.540	.523	.515	.496	.488	.501	.523	.535	.554	.546	.540	.543
" 5,...	.517	.504	.500	.495	.500	.513	.516	.530	.535	.528	.524	.507	.487	.472	.453	.430	.424	.427	.435	.446	.475	.492	.489	.477	.486
" 6,...	.464	.446	.441	.440	.436	.452	.459	.459	.472	.470	.469	.470	.450	.419	.400	.392	.380	.388	.395	.413	.421	.434	.430	.426	.434
" 7,...	.419	.409	.395	.397	.396	.396	.411	.426	.431	.426	.420	.416	.403	.379	.375	.387	.377	.385	.394	.393	.395	.409	.412	.411	.403
" 8,...	.414	.417	.419	.412	.411	.422	.421	.427	.439	.441	.445	.438	.417	.400	.391	.374	.372	.392	.412	.423	.438	.453	.443	.443	.419
" 9,...	.438	.429	.428	.429	.439	.461	.471	.473	.485	.485	.481	.471	.459	.445	.441	.416	.415	.414	.425	.440	.465	.487	.478	.481	.452
" 10,...	.476	.470	.461	.463	.478	.489	.496	.498	.508	.515	.503	.486	.479	.455	.450	.443	.440	.448	.463	.483	.495	.508	.513	.514	.481
" 11,...	.508	.500	.501	.499	.505	.519	.508	.514	.521	.520	.516	.513	.498	.508	.491	.478	.475	.472	.494	.510	.508	.536	.537	.538	.507
" 12,...	.539	.526	.522	.518	.523	.536	.541	.544	.538	.547	.545	.530	.521	.511	.508	.496	.491	.504	.511	.526	.547	.558	.575	.564	.530
" 13,...	.557	.546	.540	.542	.534	.544	.546	.556	.558	.560	.549	.543	.534	.525	.506	.493	.494	.501	.518	.539	.565	.581	.581	.564	.541
" 14,...	.545	.530	.523	.511	.511	.512	.513	.523	.533	.539	.542	.526	.513	.506	.501	.480	.460	.478	.484	.488	.504	.534	.534	.529	.513
" 15,...	.516	.488	.495	.498	.491	.507	.509	.512	.541	.549	.557	.555	.553	.534	.532	.498	.511	.530	.549	.551	.564	.570	.586	.574	.532
" 16,...	.572	.548	.547	.542	.556	.574	.592	.593	.595	.594	.594	.594	.578	.569	.555	.546	.548	.550	.574	.586	.591	.600	.604	.585	.574
" 17,...	.567	.566	.547	.540	.541	.549	.554	.562	.580	.587	.576	.572	.565	.547	.512	.485	.472	.479	.500	.534	.540	.542	.540	.520	.541
" 18,...	.499	.487	.477	.475	.469	.486	.484	.490	.492	.490	.483	.469	.453	.432	.403	.383	.391	.405	.439	.453	.474	.478	.489	.476	.462
" 19,...	.457	.450	.448	.439	.440	.452	.463	.473	.489	.490	.482	.463	.429	.429	.421	.410	.408	.444	.461	.479	.488	.500	.511	.491	.459
" 20,...	.470	.467	.455	.460	.452	.474	.490	.487	.488	.486	.488	.485	.465	.453	.457	.444	.434	.444	.454	.487	.509	.518	.517	.507	.475
" 21,...	.504	.484	.478	.486	.476	.478	.499	.512	.534	.549	.548	.548	.548	.537	.515	.482	.472	.490	.506	.513	.536	.541	.546	.543	.514
" 22,...	.532	.523	.514	.503	.510	.514	.534	.539	.549	.559	.568	.556	.548	.531	.520	.508	.506	.519	.540	.552	.559	.569	.563	.555	.536
" 23,...	.543	.532	.522	.518	.515	.528	.541	.544	.565	.573	.572	.565	.553	.541	.509	.500	.498	.507	.513	.524	.545	.552	.537	.542	.535
" 24,...	.543	.537	.530	.533	.539	.539	.566	.577	.584	.582	.583	.578	.565	.539	.520	.510	.536	.535	.540	.551	.569	.579	.587	.578	.554
" 25,...	.571	.568	.555	.568	.577	.588	.595	.598	.601	.600	.592	.592	.574	.571	.559	.546	.554	.562	.574	.589	.609	.638	.642	.636	.586
" 26,...	.625	.622	.621	.621	.622	.646	.662	.673	.683	.691	.679	.675	.667	.649	.645	.642	.641	.639	.659	.683	.704	.722	.728	.713	.663
" 27,...	.699	.694	.691	.693	.686	.690	.696	.704	.695	.696	.692	.683	.682	.666	.665	.657	.652	.658	.671	.679	.695	.718	.713	.703	.687
" 28,...	.687	.676	.673	.676	.679	.685	.693	.693	.692	.689	.685	.679	.671	.649	.643	.633	.625	.624	.631	.637	.653	.657	.657	.656	.664
" 29,...	.658	.651	.641	.651	.664	.684	.688	.700	.705	.714	.705	.696	.692	.683	.676	.649	.646	.647	.663	.672	.696	.707	.709	.709	.679
" 30,...	.721	.688	.688	.692	.694	.698	.726	.741	.752	.758	.747	.739	.722	.706	.684	.674	.679	.691	.694	.714	.726	.744	.739	.730	.714
" 31,...	.726	.717	.714	.716	.714	.731	.742	.748	.745	.735	.724	.724	.705	.683	.651	.635	.630	.634	.639	.649	.666	.676	.675	.662	.693
Means,.....	29.548	29.537	29.531	29.531	29.532	29.544	29.554	29.561	29.568	29.570	29.566	29.559	29.546	29.532	29.520	29.506	29.503	29.511	29.524	29.539	29.554	29.568	29.569	29.561	29.543

TABLE II.

TEMPERATURE FOR THE MONTH OF JULY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
July 1,	80.5	80.8	80.5	81.1	79.5	79.4	80.6	80.9	80.9	81.9	80.3	80.6	80.7	78.2	76.2	79.9	79.6	79.6	79.2	80.0	79.1	79.0	76.1	79.2	79.7	82.6	74.7
„ 2,	78.8	79.1	79.0	78.6	77.1	77.6	78.0	77.7	76.5	77.8	79.7	80.4	81.4	79.5	79.6	78.7	79.0	78.6	78.3	79.1	79.6	80.1	80.3	80.2	78.9	86.2	76.5
„ 3,	80.4	80.3	80.1	80.4	80.3	80.3	80.8	82.0	82.1	82.4	81.8	82.8	83.2	83.0	82.6	82.7	82.7	81.8	81.2	80.6	80.3	80.6	80.3	80.1	81.4	83.6	78.8
„ 4,	79.8	79.3	78.9	78.6	78.4	79.2	80.6	81.7	82.9	83.8	85.3	86.7	87.5	89.0	87.6	87.1	86.8	85.9	83.0	82.3	81.6	81.6	80.7	80.0	82.8	89.0	77.5
„ 5,	80.0	79.8	79.7	79.6	80.0	81.4	81.5	82.7	83.8	85.6	85.7	87.4	88.9	89.5	89.2	89.4	87.7	86.5	85.2	85.5	84.3	84.6	84.2	83.2	84.4	90.2	79.3
„ 6,	83.3	82.6	82.5	82.6	82.3	82.2	83.4	83.8	85.2	85.9	87.6	88.4	88.4	89.4	90.5	89.3	88.8	86.8	85.3	84.6	84.0	84.1	83.4	83.1	85.3	91.2	81.7
„ 7,	83.2	83.2	83.3	83.2	83.3	83.1	83.9	85.1	86.7	88.5	88.3	89.7	89.6	90.3	90.0	86.1	86.4	86.3	84.6	83.6	83.3	83.2	83.3	82.8	85.5	91.4	82.8
„ 8,	82.7	82.7	82.4	82.0	81.9	81.9	82.7	83.5	85.6	86.7	87.6	88.3	89.7	90.0	89.4	88.7	86.3	85.7	84.6	84.1	83.6	83.6	82.9	83.2	85.0	91.4	81.3
„ 9,	83.2	82.9	82.9	82.6	82.1	83.5	83.6	85.0	85.9	86.9	87.3	88.7	88.1	88.9	88.7	88.3	86.3	85.0	84.4	83.7	83.3	83.4	83.2	83.3	85.0	90.1	81.5
„ 10,	82.7	82.9	83.5	83.5	82.9	83.3	83.6	84.7	85.5	86.8	87.5	89.2	89.5	88.0	86.9	85.2	85.0	84.7	83.6	82.6	82.4	82.1	81.6	81.4	84.5	90.8	81.4
„ 11,	81.5	81.2	80.8	80.9	80.9	81.8	83.4	83.7	84.9	84.9	86.3	87.8	85.4	84.8	83.6	83.8	83.8	83.2	82.8	83.3	83.5	82.4	81.2	81.4	83.2	88.4	80.8
„ 12,	80.0	80.0	80.1	79.9	79.7	79.5	81.7	82.8	80.9	81.8	79.9	82.6	83.0	80.8	83.2	83.9	82.6	82.3	82.4	82.4	81.6	82.3	82.1	81.8	81.5	84.2	78.1
„ 13,	81.3	81.3	81.4	78.7	79.2	80.1	81.8	81.6	82.6	83.5	84.3	83.0	85.0	84.7	84.0	84.3	82.0	82.0	81.6	82.3	82.5	82.3	82.2	82.0	82.2	85.6	78.3
„ 14,	81.9	82.4	82.1	81.7	81.7	81.8	81.9	82.7	83.3	83.3	85.3	84.7	85.7	85.2	83.8	80.6	82.2	82.6	82.5	82.1	82.4	78.5	82.2	81.4	82.6	85.9	78.5
„ 15,	80.2	79.8	79.7	79.7	80.6	81.8	82.6	82.6	79.9	78.2	78.6	81.3	83.3	83.0	82.5	82.6	82.5	82.0	78.8	79.6	81.5	80.6	80.3	80.2	80.9	84.2	78.2
„ 16,	79.0	78.8	78.5	78.5	79.1	77.9	78.7	79.6	80.5	83.3	84.8	85.3	85.5	85.6	84.9	84.4	83.8	82.8	82.4	81.7	81.4	80.9	79.6	80.6	81.6	86.6	76.3
„ 17,	79.8	79.9	79.7	79.5	79.5	79.9	82.5	82.2	82.9	85.0	85.3	86.3	87.4	86.7	87.8	87.4	86.0	84.3	83.3	83.1	82.6	82.1	81.4	80.9	83.1	88.1	79.1
„ 18,	80.7	80.9	80.8	80.3	80.1	81.8	82.3	83.0	84.3	85.7	86.9	87.7	88.9	89.1	90.6	88.6	87.3	86.0	85.3	84.6	84.6	84.4	84.3	84.1	84.7	90.6	80.1
„ 19,	83.6	83.8	83.5	83.5	83.1	83.1	83.8	84.7	85.9	87.5	87.9	90.4	90.9	88.9	86.6	86.3	86.3	85.2	84.8	84.6	83.6	81.3	82.0	81.6	85.1	91.5	79.4
„ 20,	79.2	79.3	79.4	79.4	79.6	80.0	81.0	82.6	84.6	85.2	86.0	86.7	87.9	87.2	85.5	84.8	84.3	83.4	82.6	82.8	82.6	82.5	82.1	82.0	82.9	88.9	77.7
„ 21,	82.1	82.2	82.1	79.0	79.3	80.0	81.6	84.5	85.0	79.4	79.6	76.9	76.1	77.7	77.9	78.3	80.2	80.3	79.9	79.6	79.6	79.6	79.5	79.9	80.0	85.9	75.1
„ 22,	80.4	80.5	80.7	81.0	80.5	79.9	79.6	81.3	82.8	84.3	79.3	78.7	80.0	82.6	83.6	83.7	83.7	83.1	82.8	82.2	82.4	82.4	81.7	81.6	81.6	84.5	78.1
„ 23,	81.3	80.5	80.5	80.7	80.0	81.0	82.4	83.5	84.5	85.7	86.7	85.5	81.7	84.4	85.0	86.2	85.0	84.6	82.3	81.9	81.8	81.4	81.6	81.3	82.9	87.4	79.0
„ 24,	81.0	81.0	81.5	81.1	80.8	80.9	82.5	82.7	84.4	85.7	86.7	87.5	87.6	86.8	86.3	86.0	84.6	83.6	82.7	82.4	81.9	81.6	82.2	81.9	83.5	88.1	80.3
„ 25,	81.9	81.6	81.2	81.6	81.1	80.6	81.7	83.3	83.7	85.9	86.6	87.7	86.7	86.0	85.2	86.0	85.7	84.6	83.1	82.5	81.9	81.7	81.4	81.4	83.5	88.1	80.3
„ 26,	81.7	82.2	81.8	80.0	78.7	80.2	81.6	82.7	83.6	83.7	85.7	85.6	85.4	86.4	84.0	85.6	84.7	83.2	82.4	81.9	80.8	80.6	78.8	79.2	82.5	87.8	78.7
„ 27,	78.7	78.6	78.6	77.6	77.6	78.4	79.9	81.1	82.4	83.3	84.9	86.1	85.6	85.7	85.1	86.4	84.6	83.5	82.7	82.6	82.4	82.3	82.3	81.9	82.2	88.0	77.5
„ 28,	81.1	81.2	81.9	81.2	81.3	81.0	82.0	82.7	84.7	85.5	85.6	86.7	85.4	85.5	85.7	86.7	84.8	84.3	83.4	82.4	81.8	82.4	81.7	81.6	83.4	88.4	80.4
„ 29,	81.9	81.5	82.0	81.9	82.1	81.5	82.8	83.6	84.8	84.9	85.7	85.4	85.7	85.8	86.5	87.2	86.5	83.8	83.4	83.0	82.6	82.4	82.4	82.3	83.7	87.7	81.1
„ 30,	81.9	81.6	81.8	81.7	82.1	81.5	82.4	83.4	84.5	80.6	84.2	86.6	87.3	87.8	87.5	86.4	86.2	84.7	83.4	82.8	82.4	82.3	81.9	81.7	83.6	88.3	80.6
„ 31,	81.4	82.0	81.6	81.2	81.5	81.8	83.7	83.3	83.7	86.4	85.7	85.8	87.0	87.8	87.7	87.6	85.6	84.8	83.3	83.7	82.6	82.3	82.4	82.1	84.0	89.4	80.6
Means,	81.1	81.1	81.0	80.7	80.5	80.9	81.9	82.7	83.5	84.2	84.7	85.5	85.8	85.8	85.4	85.2	84.5	83.7	82.8	82.5	82.2	81.9	81.6	81.5	82.9	87.9	79.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JULY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	77.3	77.1	76.9	76.1	76.6	76.5	76.4	76.6	77.2	77.6	77.6	77.1	76.7	76.5	74.5	76.6	76.6	76.0	76.1	76.3	76.6	76.8	74.2	76.1	76.5	139.2
„ 2, ...	76.9	76.6	77.0	76.7	75.9	74.8	75.7	75.7	74.7	76.6	77.7	77.7	77.4	77.9	76.7	76.6	77.0	76.6	77.0	77.2	77.0	77.3	78.0	78.2	76.8	104.0
„ 3, ...	78.2	78.3	77.8	77.7	77.7	77.9	77.7	77.6	77.1	79.0	78.5	79.6	79.3	78.8	78.8	78.9	78.7	79.0	78.1	78.3	78.4	78.3	77.9	77.6	78.3	138.6
„ 4, ...	77.7	77.4	77.2	76.5	76.4	77.3	77.9	76.4	78.0	78.0	78.8	79.9	79.7	80.2	80.4	80.3	80.0	79.4	78.8	77.8	78.2	78.1	78.8	78.6	78.4	137.4
„ 5, ...	78.4	78.1	78.2	78.1	78.5	79.1	79.0	79.2	79.9	80.6	80.7	80.4	80.8	81.2	80.6	81.5	81.3	80.6	78.6	80.1	80.5	80.0	80.5	81.2	79.9	137.4
„ 6, ...	81.1	80.8	80.3	79.8	79.9	79.3	80.6	80.0	80.0	80.6	80.8	81.3	80.6	80.0	81.0	80.9	81.2	81.5	81.3	80.6	80.8	80.6	80.4	80.4	80.6	141.2
„ 7, ...	80.5	80.5	80.6	80.7	80.7	80.8	81.0	81.0	82.1	82.4	81.6	82.0	81.8	82.6	82.1	80.2	80.8	81.2	80.1	80.4	80.3	80.0	80.0	80.8	81.0	141.8
„ 8, ...	80.1	79.8	80.0	79.4	79.4	79.4	78.0	78.7	81.0	81.0	80.5	80.2	81.4	80.8	81.3	82.0	80.5	80.0	79.4	79.6	79.6	79.6	79.6	79.5	80.0	145.0
„ 9, ...	79.8	79.5	79.6	79.9	79.5	80.4	80.7	81.2	81.0	81.3	81.0	80.1	80.2	79.8	78.7	80.1	79.5	78.9	79.2	79.3	79.3	79.0	78.8	78.9	79.8	144.1
„ 10, ...	79.1	79.3	79.3	79.0	78.4	79.1	79.3	80.3	79.6	78.6	78.3	79.6	80.2	79.0	79.3	80.0	78.4	79.0	79.6	79.7	79.6	79.5	79.4	79.4	79.3	141.2
„ 11, ...	79.5	79.4	78.8	78.9	79.0	79.3	80.1	79.9	80.0	79.8	80.1	80.5	80.2	80.4	80.0	79.4	79.5	79.1	79.4	79.3	79.3	79.3	78.8	79.1	79.5	146.8
„ 12, ...	78.8	78.6	78.5	78.4	78.1	77.4	79.0	79.1	77.8	78.7	79.0	79.0	78.8	78.7	78.8	79.0	78.5	78.4	78.4	78.9	78.4	78.4	78.1	77.9	78.5	136.4
„ 13, ...	77.4	77.5	77.8	76.5	77.2	77.8	78.8	78.0	78.6	78.4	79.6	79.3	79.4	78.8	78.3	78.8	77.9	77.3	77.6	78.6	78.3	78.2	78.0	77.8	78.2	141.8
„ 14, ...	77.7	77.9	77.5	77.3	77.0	77.3	77.0	77.3	77.8	78.6	77.8	77.5	77.5	77.9	78.3	78.0	78.6	77.3	77.9	78.3	78.0	77.5	78.6	78.0	77.8	143.3
„ 15, ...	77.8	77.8	77.8	77.4	76.9	77.5	77.8	77.8	78.6	75.6	75.6	77.8	78.2	78.7	78.4	78.7	78.6	78.3	78.4	78.5	78.8	78.2	77.2	77.3	77.8	129.7
„ 16, ...	75.5	76.0	76.5	76.7	77.4	75.8	76.7	77.6	78.0	77.8	78.9	79.0	79.1	79.2	79.0	78.4	78.7	78.6	78.6	78.4	78.4	78.8	78.5	79.4	78.0	133.9
„ 17, ...	78.5	78.5	78.2	77.9	78.3	78.5	79.1	79.0	79.6	80.3	79.8	78.6	80.0	79.4	80.0	78.6	75.7	77.4	78.3	77.6	77.6	77.5	77.4	77.3	78.5	142.3
„ 18, ...	77.4	77.8	77.6	78.2	77.9	79.4	78.8	78.7	79.2	80.6	80.7	80.7	80.5	80.6	80.4	80.9	80.2	79.7	79.6	79.8	79.9	80.1	80.3	80.6	79.6	140.2
„ 19, ...	79.8	80.8	80.5	80.9	81.1	81.3	80.7	80.6	81.0	81.5	80.9	79.8	80.7	80.5	78.8	79.0	79.0	80.2	79.8	79.6	80.6	80.7	80.6	79.7	80.4	142.0
„ 20, ...	76.6	75.8	76.0	76.2	76.5	77.6	78.0	77.9	78.3	78.7	78.5	78.0	77.9	78.0	77.7	76.1	77.8	77.1	78.6	77.7	77.9	77.8	77.2	77.0	77.5	146.0
„ 21, ...	78.1	78.2	78.3	75.8	75.3	76.2	76.8	77.0	78.4	76.4	75.6	76.0	75.8	76.8	77.2	76.7	78.2	78.6	78.4	78.6	78.4	78.3	77.5	78.1	77.3	133.9
„ 22, ...	77.8	77.8	78.0	78.4	77.8	78.6	77.3	78.6	79.7	79.1	78.3	77.6	78.4	80.0	79.4	79.4	78.6	78.6	77.9	77.6	77.6	78.6	78.6	78.7	78.4	119.8
„ 23, ...	79.0	78.4	78.2	78.5	78.6	78.4	78.6	79.0	79.1	79.6	79.6	78.5	76.2	75.7	76.4	77.3	77.6	78.3	78.1	78.0	78.4	78.8	78.4	78.4	78.2	147.5
„ 24, ...	78.7	77.9	78.1	78.3	78.9	79.3	79.7	79.8	80.7	80.9	80.0	80.4	80.0	80.5	79.8	80.0	78.0	77.4	77.9	78.4	78.0	77.9	78.3	78.6	79.1	141.6
„ 25, ...	78.6	78.7	78.4	77.9	78.6	78.7	79.6	80.0	78.6	79.2	80.0	81.0	79.8	80.2	80.0	80.1	79.6	78.3	78.8	78.0	78.4	78.6	78.4	78.6	79.1	144.0
„ 26, ...	78.6	78.0	78.3	77.6	77.6	76.0	78.0	78.1	79.0	78.7	78.9	78.6	79.0	79.4	76.9	77.0	76.0	76.1	76.6	77.5	77.3	77.9	77.6	77.7	77.8	145.5
„ 27, ...	77.6	77.2	77.6	76.2	76.2	77.2	78.6	78.3	77.6	78.1	79.1	79.9	77.5	78.6	79.0	79.0	78.4	78.0	78.6	78.3	78.3	78.6	78.5	78.0	78.1	145.6
„ 28, ...	78.3	78.2	78.6	78.0	77.9	78.7	78.8	78.9	79.1	79.0	79.7	81.0	79.3	79.6	78.8	79.1	77.8	78.3	77.9	78.5	78.4	77.6	77.9	77.6	78.6	145.1
„ 29, ...	77.8	77.5	77.8	77.7	77.7	77.8	78.7	78.3	79.0	79.3	79.1	77.8	78.0	78.3	78.3	77.2	77.0	78.1	78.5	78.4	78.3	77.7	77.9	77.6	78.1	133.7
„ 30, ...	77.6	77.8	78.4	77.9	77.9	78.4	78.0	79.0	79.2	78.6	78.5	79.7	80.1	78.1	79.0	78.9	78.2	78.6	78.5	77.6	77.6	77.5	77.4	77.3	78.3	138.4
„ 31, ...	77.7	77.9	77.4	77.3	76.9	77.0	78.0	79.2	80.0	80.3	79.6	78.9	79.0	78.9	78.0	78.3	77.9	78.2	78.3	77.6	77.6	78.3	78.1	77.5	78.2	144.4
Means, ...	78.3	78.2	78.2	77.9	77.9	78.2	78.5	78.7	79.0	79.2	79.2	79.3	79.1	79.2	78.9	78.9	78.6	78.5	78.5	78.5	78.6	78.6	78.4	78.5	78.6	139.1

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF JULY, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	88	0.933	July 1,.....	86	0.871
2 „	87	.930	„ 2,.....	91	.895
3 „	88	.930	„ 3,.....	87	.928
4 „	88	.920	„ 4,.....	81	.914
5 „	89	.923	„ 5,.....	81	.962
6 „	88	.932	„ 6,.....	81	.983
7 „	85	.932	„ 7,.....	81	.998
8 „	83	.929	„ 8,.....	79	.958
9 „	81	.933	„ 9,.....	79	.949
10 „	79	.933	„ 10,.....	78	.932
11 „	77	.926	„ 11,.....	84	.959
Noon.	75	.919	„ 12,.....	87	.936
1 p.	73	.906	„ 13,.....	83	.912
2 „	74	.910	„ 14,.....	80	.889
3 „	74	.902	„ 15,.....	87	.912
4 „	75	.905	„ 16,.....	85	.912
5 „	76	.901	„ 17,.....	81	.914
6 „	78	.907	„ 18,.....	79	.943
7 „	82	.919	„ 19,.....	80	.976
8 „	83	.923	„ 20,.....	77	.872
9 „	85	.932	„ 21,.....	88	.902
10 „	86	.936	„ 22,.....	86	.930
11 „	86	.931	„ 23,.....	80	.903
Midt.	87	.937	„ 24,.....	81	.936
			„ 25,.....	81	.937
			„ 26,.....	80	.890
			„ 27,.....	83	.908
			„ 28,.....	80	.915
			„ 29,.....	77	.888
			„ 30,.....	78	.898
			„ 31,.....	76	.888
Means,.....	82	0.923	Means,.....	82	0.923

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.
1899.														
July 1,.....	...	...	...	0.4	0.7	...	...	...	...	...	...	...	...	1.1
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	0.3	0.7	0.6	0.2	0.2	0.9	1.0	1.0	1.0	1.0	0.4	7.3
„ 4,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.9
„ 5,.....	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	11.1
„ 6, ...	...	0.3	...	...	0.4	0.6	0.9	0.3	0.9	0.6	0.1	...	...	4.1
„ 7,.....	0.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	10.2
„ 8,.....	0.1	0.8	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	0.3	10.0
„ 9,.....	0.4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	11.6
„ 10,.....	0.1	0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4	0.7	1.0	0.2	10.0
„ 11,.....	...	1.0	1.0	0.9	1.0	0.9	1.0	0.6	...	...	...	...	...	6.4
„ 12,.....	0.1	0.7	0.4	...	...	...	0.2	0.4	0.1	0.9	1.0	0.6	...	4.4
„ 13,.....	0.4	0.4	0.1	0.7	1.0	1.0	0.5	0.9	1.0	0.9	0.7	1.0	0.1	8.7
„ 14,.....	0.1	0.6	0.8	1.0	1.0	1.0	1.0	1.0	0.4	0.8	0.8	0.7	0.2	9.4
„ 15,.....	...	0.5	0.5	0.1	...	...	...	0.3	0.2	...	...	...	...	1.6
„ 16,.....	...	...	...	0.8	0.5	0.2	0.2	0.4	0.1	0.3	0.7	0.3	...	3.5
„ 17,.....	0.3	1.0	1.0	1.0	1.0	1.0	0.7	0.8	1.0	1.0	1.0	1.0	0.4	11.2
„ 18,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.9
„ 19,.....	0.3	1.0	0.8	0.7	1.0	1.0	1.0	1.0	0.4	...	...	...	...	7.2
„ 20,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.1	...	9.5
„ 21,.....	...	...	0.5	0.4	...	...	...	...	...	...	...	...	...	0.9
„ 22,.....	...	0.2	0.6	...	...	...	...	...	...	...	...	0.2	0.1	1.1
„ 23,.....	...	0.4	0.6	0.9	1.0	1.0	0.4	0.6	0.6	0.9	1.0	0.6	...	8.0
„ 24,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	...	...	9.6
„ 25,.....	...	0.5	1.0	1.0	1.0	1.0	0.9	0.6	0.7	0.6	0.9	0.6	...	8.8
„ 26,.....	0.3	1.0	1.0	0.7	0.7	0.6	0.1	0.4	0.7	0.9	1.0	0.8	...	8.2
„ 27,.....	0.1	0.7	0.7	1.0	0.9	1.0	1.0	0.8	0.9	0.6	1.0	0.5	...	9.2
„ 28,.....	0.1	0.9	0.4	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.9	0.1	...	9.2
„ 29,.....	...	0.3	0.4	...	...	...	...	...	0.2	0.9	1.0	0.8	...	3.6
„ 30,.....	0.3	1.0	1.0	0.8	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.3
„ 31,.....	0.2	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.4
Sums,.....	4.7	20.0	20.4	22.0	22.3	21.5	19.9	20.8	20.2	20.4	20.5	14.2	2.5	229.4

TABLE VI.

RAINFALL FOR THE MONTH OF JULY, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	...	0.005	...	...	0.035	0.010	0.005	...	0.035	...	0.100	0.040	...	0.060	0.115	0.005	...	0.040	0.040	0.200	0.080	0.320	0.100	...	1.190	9
" 2,	0.270	0.030	0.050	0.550	0.290	0.310	0.025	0.160	0.195	0.080	...	0.065	0.030	0.060	...	0.005	...	...	...	...	0.005	...	...	...	2.125	7
" 3,	...	0.035	0.020	...	...	0.010	...	...	...	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	0.095	1
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	0.005	1
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...	0.020	...
" 12,	...	...	...	...	...	0.010	...	...	...	...	0.295	...	0.240	0.010	...	...	...	...	...	...	...	...	...	0.015	0.570	1
" 13,	0.020	...	...	0.125	0.175	...	...	...	0.010	...	...	...	...	...	...	0.050	...	...	...	...	...	...	...	...	0.380	3
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.095	0.005	...	...	0.010	0.050	0.180	0.060	0.010	0.410	2
" 15,	0.285	0.165	0.080	0.040	...	...	...	0.020	0.225	0.010	...	...	...	...	...	0.005	0.010	...	0.475	0.090	0.110	...	0.020	0.650	2.185	7
" 16,	...	0.015	0.030	...	...	0.095	0.060	0.060	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.280	3
" 17,	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.260	0.510	0.010	...	0.780	2
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	0.100	...	...	...	...	0.040	0.250	...	0.110	0.545	0.140	0.010	...	...	...	...	0.100	0.005	...	...	...	1.300	5
" 22,	0.005	...	...	...	...	...	...	...	...	0.085	0.030	0.050	0.010	...	...	...	...	...	...	...	...	...	...	...	0.180	2
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.160	...	...	0.165	1
" 27,	...	...	0.045	0.010	...	0.060	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.115	1
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	0.150	0.055	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.205	1
" 31,	...	...	...	...	...	...	...	0.120	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.120	...
Sums,	0.580	0.250	0.230	0.825	0.500	0.495	0.090	0.360	0.675	0.480	0.455	0.265	0.825	0.270	0.125	0.160	0.015	0.040	0.515	0.400	0.515	1.170	0.210	0.675	10.125	46

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF JULY, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		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,	7	30	9	36	8	33	7	35	9	39	10	38	10	36	9	37	9	41	8	42	8	46	10	45	8	39	11	41	10	38	11	38	9	40	9	39	11	35	11	34	11	37	10	37	14	27	11	34	897	37.4	10
" 2,	10	36	10	38	11	38	11	38	11	28	12	32	11	31	12	25	9	23	11	24	11	23	12	23	11	25	11	26	10	28	10	23	8	27	9	19	8	22	10	18	11	20	11	22	9	23	9	27	639	26.6	10
" 3,	10	25	10	27	12	21	10	21	10	18	10	17	11	17	10	18	9	20	9	19	8	17	9	20	9	20	9	21	10	19	10	20	9	17	9	14	9	11	9	8	10	7	10	6	8	7	8	6	396	16.5	10
" 4,	9	6	9	4	...	1	...	0	...	0	...	0	...	0	7	3	5	3	24	7	25	6	23	7	24	8	23	7	27	7	26	8	26	7	26	5	...	1	...	0	26	2	24	6	25	6	26	4	98	4.1	25
" 5,	26	3	26	3	24	8	25	4	25	6	26	7	26	9	24	10	23	11	25	13	24	13	21	12	23	12	23	12	23	13	23	12	23	10	24	7	22	9	22	5	26	7	26	7	26	6	27	9	208	8.7	24
" 6,	25	10	27	9	27	5	27	7	27	8	27	7	27	5	26	8	25	8	25	8	24	10	23	8	22	11	22	12	20	13	21	10	21	3	21	3	17	3	17	3	10	2	19	3	2	2	2	5	163	6.8	24
" 7,	23	12	22	9	22	8	21	12	22	12	22	12	21	11	22	11	23	9	22	8	22	11	22	9	20	10	22	8	21	9	19	16	20	11	19	8	18	6	22	10	19	7	19	2	19	8	21	8	227	9.5	21
" 8,	21	14	20	13	21	14	21	12	21	11	21	9	22	9	24	8	24	7	25	7	25	7	25	7	25	7	27	8	25	9	25	8	18	9	19	8	18	5	18	3	19	8	19	6	19	2	19	6	197	8.2	22
" 9,	20	11	21	10	21	10	22	11	22	5	22	2	24	4	25	6	25	6	25	8	24	11	24	10	24	9	24	7	23	8	17	6	16	12	18	10	17	6	18	5	...	0	...	1	...	1	...	1	160	6.7	21
" 10,	...	1	18	3	18	6	20	9	19	4	20	5	22	4	27	5	27	5	26	5	27	9	29	5	8	5	9	11	16	14	15	10	9	11	9	12	10	7	10	8	10	6	10	9	10	3	10	5	162	6.8	13
" 11,	9	6	9	5	9	2	9	4	9	4	11	2	12	5	9	10	10	11	10	11	11	11	9	9	10	10	10	9	9	10	9	11	9	10	9	13	9	10	11	7	10	8	9	7	6	5	6	2	182	7.6	9
" 12,	28	2	...	1	...	1	...	1	28	3	6	7	10	4	6	10	5	16	7	14	10	15	7	19	7	21	7	14	9	19	9	18	9	19	7	19	8	20	8	23	7	20	9	25	10	22	7	20	333	13.9	8
" 13,	8	20	8	22	7	19	8	15	6	12	7	15	7	17	7	21	7	24	9	25	7	25	7	24	7	25	7	26	7	24	7	23	7	24	7	21	7	17	7	20	9	21	8	21	8	24	8	26	511	21.3	7
" 14,	8	25	7	27	7	27	7	27	7	28	7	25	7	26	7	29	8	30	7	34	7	37	7	36	7	35	6	36	7	34	7	33	7	41	7	38	6	35	7	41	7	40	10	38	9	38	7	38	798	33.2	7
" 15,	7	36	8	36	11	37	10	41	10	36	9	38	9	40	9	41	11	40	9	32	8	27	10	29	10	26	9	29	10	29	9	32	12	23	11	24	11	24	9	24	12	26	11	19	13	17	11	16	722	30.1	10
" 16,	3	7	4	8	16	9	6	9	12	11	16	10	5	4	5	8	16	7	14	12	15	18	15	15	15	12	15	9	15	9	15	11	16	9	15	7	16	3	16	3	15	3	9	6	9	3	9	4	197	8.2	13
" 17,	...	1	...	0	...	1	4	3	4	2	...	0	...	0	32	5	28	7	27	7	26	10	25	7	23	8	23	7	22	7	23	8	22	10	19	7	19	7	19	2	17	3	...	0	7	3	...	1	106	4.4	24
" 18,	32	3	23	9	26	6	26	4	...	1	26	2	26	2	26	3	25	6	23	6	23	8	23	10	24	9	23	9	23	7	19	10	19	9	20	11	19	6	22	7	21	11	21	12	21	11	21	9	171	7.1	22
" 19,	22	3	22	7	22	9	22	10	22	9	26	3	26	5	26	4	26	8	24	7	24	8	23	8	21	11	22	11	22	7	18	5	18	8	22	11	21	11	19	8	19	10	11	5	6	10	24	10	188	7.8	22
" 20,	23	10	26	9	24	6	25	5	25	3	24	6	27	9	28	8	26	6	23	6	24	6	24	7	19	10	20	17	19	19	19	18	21	17	20	12	19	9	20	16	19	15	21	11	21	11	20	13	249	10.4	21
" 21,	21	16	21	16	21	15	20	24	23	8	25	4	25	4	21	13	19	14	21	18	18	5	18	6	24	18	29	8	...	1	...	1	29	2	30	2	30	3	29	3	29	5	...	0	23	4	22	10	200	8.3	22
" 22,	21	10	21	10	21	12	21	14	23	9	23	7	30	12	30	7	30	6	22	14	29	6	27	5	27	2	27	4	21	10	20	11	19	5	19	7	19	11	19	10	20	10	22	13	21	13	21	11	219	9.1	22
" 23,	22	8	22	7	22	6	22	7	27	5	27	5	22	9	22	9	22	10	22	9	21	15	19	18	22	19	21	15	19	15	19	12	20	14	19	6	18	10	18	6	20	3	...	0	21	6	21	4	218	9.1	21
" 24,	21	5	21	6	22	9	22	9	25	5	27	5	27	3	27	6	23	7	24	8	22	8	23	9	21	11	21	18	19	23	19	15	19	11	19	2	...	1	21	2	21	5	21	12	20	10	21	6	196	8.2	21
" 25,	21	5	20	5	20	4	21	10	22	8	22	3	22	3	22	3	24	3	23	6	24	8	24	8	18	5	18	7	17	9	16	11	17	8	18	7	18	2	18	5	...	1	...	1	...	1	19	2	125	5.2	20
" 26,	...	0	19	7	19	2	...	1	...	0	25	2	...	1	...	1	25	9	23	6	26	5	22	4	18	4	16	10	16	9	18	10	17	8	17	4	...	1	17	3	10	5	5	3	32	4	32	3	102	4.2	19
" 27,	...	1	...	1	26	3	...	1	...	1	...	1	15	3	...	1	...	1	...	1	24	7	27	5	17	5	16	10	17	9	18	9	18	7	17	6	17	3	16	4	16	2	16	5	18	5	...	1	92	3.8	18
" 28,	...	1	18	4	20	9	22	6	22	6	28	4	28	3	25	7	21	9	24	8	24	10	24	12	27	11	26	10	21	11	19	10	20	11	19	8	20	9	20	2	...	0	...	0	...	1	19	3	155	6.5	22
" 29,	20	5	22	5	20	5	20	8	21	8	22	5	22	6	22	8	23	9	23	8	23	10	21	10	21	11	20	8	20	10	20	11	19	8	18	7	19	8	18	5	18	4	18	3	20	2	20	4	168	7.0	21
" 30,	19	4	22	3	22	5	19	5	20	8	22	6	24	5	26	5	23	9	23	7	26	6	23	8	23	9	19	11	18	8	18	13	18	14	18	9	20	3	19	4	19	2	19	2	...	1	19	4	151	6.3	21
" 31,	18	2	18	6	18	4	18	3	19	6	19	2	19	4	27	6	19	2	20	7	25	8	21	8	26	8	25	9	18	11	19	9	17	8	19	5	17	4	16	4	...	0	16	3	...	1	...	1	121	5.0	20
Sums,	...	318	...	346	...	335	...	356	...	304	...	281	...	291	...	336	...	367	...	387	...	406	...	403	...	416	...	430	...	439	...	432	...	413	...	351	...	302	...	293	...	290	...	285	...	277	...	293	8351	348.0	...
Means,	...	10.3	...	11.2	...	10.8	...	11.5	...	9.8	...	9.1	...	9.4	...	10.8	...	11.8	...	12.5	...	13.1	...	13.0	...	13.4	...	13.9	...	14.2	...	13.9	...	13.3	...	11.3	...	9.7	...	9.5	...	9.4	...	9.2	...	8.9	...	9.5	269.4	11.2	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1899.												
July 1, ...	9	cum.	ESE	10	cum.	ESE	9	c-cum. / cum.	SE / ESE	8	c-str. / cum-nim.	ESE
„ 2, ...	10	nim.	ESE	10	nim.	SE	10	nim.	SE	10	nim.	SSE
„ 3, ...	8	cum.	SE	10	cum-nim.	SE	10	sm-cum. / cum.	SE	8	c-cum. / cum.	SSE
„ 4, ...	3	cum.	ESE	5	cum.	E	1	cum.	...	1	cum.	...
„ 5, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 6, ...	5	cum.	SE	6	sm-cum.	W	9	c-cum. / sm-cum.	...	9	c-cum. / sm-cum.	...
„ 7, ...	0	...	...	8	cum.	W	4	c-cum. / cum.	W	4	c-cum. / sm-cum. / cum.	E / .. / W
„ 8, ...	9	cum.	SW	8	cum.	SW	6	sm-cum. / cum.	WSW	2	cum.	W
„ 9, ...	8	cum.	SW	5	cum.	SW	2	sm-cum. / cum.	...	3	sm-cum. / cum.	SW / ..
„ 10, ...	6	cum.	SW	9	cum.	SW	1	cum.	SW	2	cum.	...
„ 11, ...	9	cum.	ESE	9	cum.	ESE	8	c-cum. / cum.	ESE	7	c-str. / cum.	ESE
„ 12, ...	8	cum.	E	9	cum.	E	8	c-cum. / cum.	SE	9	c-cum. / str-cum.	ESE
„ 13, ...	9	cum.	E	7	cum.	E	7	cum.	E	5	c-str. / cum.	E
„ 14, ...	8	cum.	E	6	cum.	E	8	cum.	E	8	c-cum. / cum.	E
„ 15, ...	10	nim.	E	9	nim.	SE	10	cum.	E	10	nim.	ESE
„ 16, ...	10	nim.	...	9	cum.	SE	9	nim.	ESE	8	c-cum. / cum.	SSE / ..
„ 17, ...	1	cum.	E	1	cum.	...	3	c-cum. / cum.	WSW	3	c-cum. / cum.	WSW
„ 18, ...	0	...	...	0	...	...	1	c-str.	...	2	c-str. / cum.	...
„ 19, ...	10	str-cum.	...	4	cum.	...	8	c-cum. / cum.	W	8	c-cum. / cum.	W
„ 20, ...	9	cum.	W	6	sm-cum. / cum.	W	7	c-cum. / cum.	WNW	2	c-cum. / sm-cum.	W
„ 21, ...	9	cum.	SW	10	nim.	...	10	sm-cum. / cum.	...	10	nim.	WSW
„ 22, ...	10	cum.	SW	10	nim.	SSW	9	c-cum. / cum.	SW	10	nim.	SW
„ 23, ...	9	cum.	SW	8	sm-cum.	W	9	str-cum. / cum.	W / W	8	sm-cum. / cum.	W / WSW
„ 24, ...	1	cum.	...	2	cum.	SW	3	cum.	W	4	c-cum. / cum.	W
„ 25, ...	9	sm-cum. / cum.	WSW	6	c-cum.	WSW	4	sm-cum. / cum.	SW	1	cum.	...
„ 26, ...	9	cum.	S	1	cum.	...	4	sm-cum. / cum.	...	6	sm-cum. / cum.	WSW
„ 27, ...	9	cum.	SW	9	nim.	SW	3	sm-cum. / cum.	WSW	2	c-cum. / cum.	WSW
„ 28, ...	9	cum.	SW	8	sm-cum. / cum.	WSW	6	sm-cum. / cum.	W	4	c-cum. / cum.	WSW
„ 29, ...	8	cum.	SW	6	cum.	SW	5	c-cum. / cum.	WSW	8	sm-cum. / cum.	NE / WSW
„ 30, ...	7	cum.	WSW	4	cum.	SW	3	c-str. / cum.	WSW	8	cum. / nim.	WSW / W
„ 31, ...	7	cum.	SW	6	cum.	SW	3	c-str. / cum.	WSW	3	c-str. / cum.	SW
Means,...	7.1	...	...	6.5	...	...	5.8	...	...	5.6	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1899.													
July 1,...	10	nim.	ESE	10	nim.	ESE	10	nim.	ESE	10	nim.	ESE	9.5
„ 2,...	10	nim.	SE	10	nim.	SE	10	nim.	SE	10	cum-nim.	...	10.0
„ 3,...	5	c-cum. / cum.	SSE / SSE	5	sm-cum. / cum.	ESE	3	sm-cum. / cum.	ESE	6	cum.	E	6.9
„ 4,...	1	cum.	...	1	c-cum.	...	6	c-str.	...	0	...	...	2.3
„ 5,...	0	...	...	2	c-cum.	...	9	c-cum.	...	8	c-cum.	...	2.4
„ 6,...	10	c-cum. / sm-cum.	ESE	9	c-cum. / sm-cum.	ESE	8	c-cum. / sm-cum. / cum.	.. / ESE / W	0	...	...	7.0
„ 7,...	2	c-cum. / cum.	W	10	c-str. / cum.	WSW	4	c-cum. / cum.	WSW	2	cum.	...	4.2
„ 8,...	3	c-cum. / cum.	W	2	c-cum. / sm-cum.	...	7	c-cum. / sm-cum.	...	1	cum.	...	4.8
„ 9,...	4	c-cum. / cum.	E	3	c-cum. / cum.	...	3	c-cum. / cum.	...	1	cum.	...	3.6
„ 10,...	3	c-cum. / cum.	...	8	c-cum. / cum.	E	5	c-cum. / cum.	ESE	1	cum.	...	4.4
„ 11,...	7	c-str. / cum.	N / ESE	9	c-str. / cum.	N / ..	9	c-str. / cum.	N / E	7	c-cum. / cum.	ESE	8.1
„ 12,...	10	c-cum / cum.	E	9	c-cum. / cum.	E	9	c-cum. / cum.	E	8	c-cum. / cum.	E	8.7
„ 13,...	9	cum.	E	9	cum.	E	4	cum.	E	8	cum.	E	7.3
„ 14,...	9	sm-cum. / cum.	ESE / E	10	nim.	E	10	cum.	E	10	cum.	E	8.6
„ 15,...	10	str-cum.	SE	10	cum-nim.	SE	10	nim.	SE	10	cum.	SE	9.9
„ 16,...	10	cum.	SSE	8	cum.	SSE	5	c-cum. / cum.	S	2	cum.	ESE	7.6
„ 17,...	9	cum.	W	5	c-cum. / cum.	W	1	cum.	...	0	...	...	2.9
„ 18,...	6	c-str. / cum.	...	4	c-cum. / cum.	...	8	str-cum.	...	10	str-cum.	...	3.9
„ 19,...	9	c-cum. / cum.	NNE / ..	10	c-cum. / cum.	NNE / ..	9	c-cum. / cum-nim.	..	10	nim.	...	8.5
„ 20,...	9	sm-cum. / cum-str.	W / ..	10	c-cum. / cum.	W / SW	7	c-cum. / cum.	SW	9	c-cum. / cum.	SW	7.4
„ 21,...	10	nim.	W	10	str-cum.	W	8	sm-cum. / cum.	WNW	7	nim.	...	9.3
„ 22,...	10	nim.	WSW	10	sm-cum. / cum.	WSW	8	sm-cum. / cum.	WSW	10	c-str. / cum.	SW	9.6
„ 23,...	10	sm-cum. / cum.	W / WSW	10	c-cum. / cum.	WSW	4	c-cum. / cum.	WSW	9	c-str. / cum.	SW	8.4
„ 24,...	8	c-cum. / cum.	W	9	c-cum. / cum.	NW / W	7	c-cum.	NE	8	c-cum. / cum.	SW	5.2
„ 25,...	7	c-cum. / cum.	...	9	c-cum. / cum.	E / SW	5	c-cum.	...	6	c-cum. / cum.	S	5.9
„ 26,...	8	c-cum. / cum.	E / SW	6	c-cum. / cum.	E / ..	6	c-cum. / cum.	SSW	9	nim.	...	6.1
„ 27,...	9	c-cum. / cum.	SSE	9	c-cum. / cum.	SSE	7	c-cum. / cum.	S	5	cum.	S	6.6
„ 28,...	7	c-str. / cum.	WSW	9	c-str. / cum.	E / SW	8	c-cum. / cum.	SW	1	cum.	SW	6.5
„ 29,...	10	sm-cum. / cum.	WSW	6	c-cum.	ENE	4	c-cum. / cum.	SW	5	c-cum. / cum.	SW	6.5
„ 30,...	1	cum.	...	1	c-str. / cum.	WSW	3	c-cum. / cum.	SW	2	cum.	SSW	3.6
„ 31,...	3	c-str. / cum.	SW	5	c-cum. / cum.	...	8	c-cum.	...	1	cum.	SSW	4.5
Means,...	7.1	...	...	7.4	...	...	6.6	...	...	5.7	...	...	6.5

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JULY, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	0.8	5.8	2.6	3.3	−1.7	+2.5	E 34° S
2 „	0.6	6.3	3.4	3.6	2.7	2.7	E 45° S
3 „	0.5	5.1	4.3	3.9	3.8	1.2	E 73° S
4 „	0.8	5.7	4.1	4.2	3.3	1.5	E 65° S
5 „	0.7	5.2	3.1	3.5	2.4	1.7	E 54° S
6 „	1.0	5.1	2.8	2.8	1.8	2.4	E 37° S
7 „	1.3	5.4	2.5	2.8	1.2	2.5	E 25° S
8 „	1.8	6.1	1.9	3.6	0.2	2.5	E 4° S
9 „	1.3	6.3	2.6	4.3	1.3	2.0	E 33° S
10 „	0.8	6.4	2.5	5.3	1.7	1.1	E 56° S
11 „	1.1	6.4	2.2	5.6	1.1	0.8	E 54° S
Noon.	0.9	6.3	3.8	5.2	2.9	1.1	E 69° S
1 p.	0.9	6.5	3.5	5.5	2.6	0.9	E 70° S
2 „	1.3	6.4	4.8	5.0	3.5	1.4	E 69° S
3 „	0.6	6.3	3.5	4.5	2.9	1.8	E 58° S
4 „	0.5	6.1	7.1	4.0	6.6	2.1	E 72° S
5 „	0.6	6.5	5.9	3.4	5.4	3.1	E 60° S
6 „	0.6	6.3	4.7	2.7	4.1	3.6	E 49° S
7 „	0.6	5.4	4.2	2.0	3.6	3.4	E 47° S
8 „	0.5	5.6	4.0	1.9	3.5	3.6	E 44° S
9 „	0.6	5.6	4.2	1.9	3.5	3.7	E 44° S
10 „	0.2	5.9	3.7	2.0	3.5	3.9	E 42° S
11 „	0.5	5.0	3.4	2.1	2.9	2.9	E 45° S
Midt.	0.9	5.5	2.7	2.6	−1.8	+2.8	E 33° S
Means,.....	0.8	5.9	3.6	3.6	−2.83	+2.30	E 51° S

PHENOMENA :—

Solar halo :—on the 1st, 7th, 10th, 11th and 28th.

Lunar halo :—on the 20th, 22nd and 30th.

Solar corona :—on the 23rd, 24th and 25th.

Haze :—on the 4th and 17th.

Dew :—on the 4th, 5th, 16th, 18th, 30th and 31st.

Rainbow :—on the 11th, 14th, 26th and 27th.

Lightning without thunder :—on the 4th, 5th, 6th, 10th, 11th, 12th, 13th, 14th, 18th, 25th, 26th and 27th.

Thunder without lightning :—on the 12th, 21st, 22nd and 28th.

Thunder and lightning :—on the 15th.

Thunderstorms :—on the 19th, 7.30 p.—20th, 1 a., W–N, nearest at 8.0 p. (3^s): on the 24th, 4.30 p.—7 p., distant in N.

TABLE 1.

BAROMETRIC PRESSURE, FOR THE MONTH OF AUGUST, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.659	29.652	29.643	29.647	29.644	29.649	29.659	29.664	29.671	29.659	29.651	29.637	29.620	29.593	29.572	29.563	29.555	29.556	29.562	29.583	29.598	29.617	29.619	29.610	29.620
" 2,...	.605	.597	.590	.582	.592	.600	.612	.610	.619	.625	.624	.618	.595	.577	.555	.556	.551	.556	.576	.594	.610	.624	.629	.622	.597
" 3,...	.606	.592	.586	.588	.582	.592	.607	.618	.621	.618	.612	.592	.574	.558	.536	.531	.525	.534	.545	.564	.582	.582	.578	.584	.579
" 4,...	.575	.553	.541	.538	.536	.542	.544	.542	.544	.541	.528	.514	.492	.474	.448	.442	.456	.462	.469	.470	.475	.491	.471	.481	.505
" 5,...	.464	.442	.416	.419	.406	.403	.413	.413	.409	.391	.386	.365	.322	.302	.292	.261	.244	.235	.260	.265	.256	.252	.259	.240	.338
" 6,...	.220	.198	.186	.168	.163	.170	.185	.183	.187	.197	.201	.202	.192	.177	.182	.181	.186	.196	.197	.214	.248	.276	.290	.290	.204
" 7,...	.289	.271	.275	.271	.290	.322	.347	.372	.393	.427	.424	.444	.429	.403	.413	.423	.437	.453	.469	.511	.544	.556	.563	.561	.412
" 8,...	.576	.559	.552	.556	.555	.585	.599	.628	.622	.637	.637	.632	.618	.613	.603	.590	.585	.591	.611	.637	.659	.678	.675	.653	.610
" 9,...	.651	.642	.638	.633	.625	.629	.639	.653	.661	.669	.653	.652	.646	.623	.611	.596	.589	.592	.600	.619	.637	.653	.653	.647	.634
" 10,...	.627	.612	.599	.592	.594	.603	.608	.612	.619	.619	.609	.602	.591	.574	.554	.542	.542	.542	.557	.586	.619	.634	.627	.628	.595
" 11,...	.618	.606	.591	.591	.580	.589	.598	.598	.613	.617	.630	.611	.596	.584	.579	.573	.579	.574	.599	.622	.643	.649	.646	.641	.605
" 12,...	.636	.634	.632	.614	.607	.611	.627	.632	.659	.667	.667	.659	.641	.634	.622	.618	.612	.624	.646	.663	.683	.690	.694	.685	.644
" 13,...	.670	.657	.640	.639	.647	.667	.683	.695	.729	.723	.715	.715	.692	.679	.661	.653	.660	.671	.665	.695	.703	.709	.711	.700	.682
" 14,...	.683	.673	.674	.665	.661	.673	.676	.697	.697	.706	.705	.686	.654	.647	.637	.634	.622	.626	.646	.646	.665	.681	.677	.671	.667
" 15,...	.657	.641	.626	.626	.631	.641	.654	.658	.662	.662	.660	.644	.630	.618	.593	.582	.579	.573	.582	.608	.629	.645	.640	.626	.628
" 16,...	.621	.611	.590	.597	.610	.616	.637	.643	.649	.641	.639	.620	.593	.591	.581	.564	.576	.599	.613	.625	.641	.657	.661	.652	.618
" 17,...	.636	.629	.619	.618	.627	.633	.647	.647	.651	.663	.669	.659	.658	.638	.625	.612	.617	.633	.644	.675	.701	.713	.707	.703	.651
" 18,...	.687	.680	.673	.677	.672	.674	.692	.697	.708	.727	.708	.704	.696	.687	.665	.652	.647	.650	.660	.689	.717	.721	.729	.723	.689
" 19,...	.718	.708	.691	.681	.670	.681	.694	.709	.711	.709	.709	.686	.663	.645	.619	.613	.607	.624	.633	.656	.670	.689	.697	.683	.674
" 20,...	.673	.659	.645	.641	.638	.649	.659	.670	.681	.658	.650	.655	.642	.626	.605	.599	.599	.604	.615	.631	.654	.686	.680	.672	.645
" 21,...	.652	.643	.623	.610	.615	.614	.614	.613	.618	.624	.610	.601	.566	.547	.532	.518	.512	.523	.550	.574	.584	.582	.578	.570	.586
" 22,...	.531	.510	.494	.472	.477	.477	.477	.478	.487	.498	.489	.474	.468	.448	.410	.393	.385	.379	.375	.408	.415	.422	.410	.393	.449
" 23,...	.377	.340	.328	.332	.335	.337	.334	.363	.369	.381	.372	.350	.339	.334	.317	.324	.339	.338	.355	.388	.412	.430	.442	.460	.362
" 24,...	.456	.460	.451	.461	.466	.477	.517	.543	.560	.576	.576	.578	.562	.549	.549	.550	.557	.569	.570	.582	.598	.618	.626	.616	.544
" 25,..	.624	.623	.629	.630	.633	.641	.662	.668	.677	.688	.698	.690	.684	.677	.669	.674	.673	.677	.674	.694	.716	.724	.719	.725	.674
" 26,...	.720	.705	.706	.714	.725	.730	.753	.760	.774	.782	.782	.767	.745	.736	.728	.727	.729	.744	.748	.780	.805	.819	.808	.789	.753
" 27,...	.772	.779	.760	.742	.747	.753	.760	.764	.769	.782	.782	.761	.747	.725	.718	.708	.696	.706	.716	.728	.762	.768	.743	.742	.747
" 28,...	.716	.697	.689	.697	.693	.702	.709	.720	.730	.734	.726	.699	.671	.648	.633	.642	.644	.652	.661	.692	.702	.706	.711	.698	.690
" 29,...	.687	.677	.667	.670	.680	.682	.699	.710	.730	.728	.716	.717	.699	.690	.678	.659	.663	.677	.690	.707	.716	.722	.723	.722	.696
" 30,...	.700	.686	.672	.670	.677	.686	.700	.718	.717	.733	.735	.729	.702	.684	.667	.660	.657	.659	.675	.704	.718	.720	.707	.708	.695
" 31,...	.704	.690	.684	.688	.694	.715	.730	.747	.751	.743	.731	.714	.695	.672	.653	.650	.650	.651	.676	.688	.707	.724	.710	.712	.699
Means,.....	29.607	29.594	29.584	29.582	29.583	29.592	29.604	29.614	29.622	29.627	29.622	29.612	29.594	29.579	29.565	29.558	29.557	29.564	29.575	29.597	29.615	29.627	29.625	29.620	29.597

TABLE II.

TEMPERATURE, FOR THE MONTH OF AUGUST, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	82.5	82.5	82.1	81.4	80.1	81.2	81.2	79.5	82.5	83.8	84.7	86.7	86.8	88.5	88.4	87.7	86.6	85.0	82.3	83.1	82.4	82.3	82.4	82.3	83.6	89.1	77.4
" 2,	83.2	83.0	82.6	82.4	81.0	81.0	82.5	83.4	84.5	85.8	85.7	87.5	88.4	88.7	89.4	88.3	87.0	85.6	83.8	83.6	83.1	83.1	82.6	82.5	84.5	90.0	79.8
" 3,	81.9	82.0	82.8	82.4	82.2	81.9	82.7	83.4	85.2	86.7	86.7	86.7	88.5	89.5	90.9	89.2	88.6	86.1	84.6	83.8	83.6	83.3	83.2	83.2	85.0	91.6	81.2
" 4,	83.1	83.0	82.5	82.3	81.8	81.5	83.4	83.8	84.8	86.9	87.2	88.2	90.7	90.0	89.9	87.8	85.9	85.1	83.6	81.6	81.7	82.0	82.1	82.0	84.6	92.9	81.3
" 5,	81.3	81.3	81.2	80.8	81.3	81.9	83.5	84.4	85.2	87.4	88.7	88.7	89.0	90.8	90.0	87.3	89.1	88.7	87.6	87.1	86.4	86.3	84.8	84.1	85.7	91.9	80.8
" 6,	83.2	82.4	81.7	81.5	81.6	81.3	81.6	81.6	81.6	81.9	82.3	82.3	82.8	83.5	83.8	81.9	81.4	82.0	83.0	83.3	82.7	82.8	83.3	82.9	82 3	84.7	79.6
" 7,	83.2	82.9	82.7	82.7	82.4	82.7	82.6	83.5	83.6	83.6	83.7	79.2	81.0	86.0	84.6	83.5	84.2	83.1	82.3	81.6	82.4	82.1	80.0	78.4	82.6	86.0	77.8
" 8,	76.9	76.7	77.2	77.2	75.9	75.7	76.4	77.7	78.6	77.6	77.0	78.5	79.6	80.1	80.0	79.7	78.8	78.6	77.8	77.5	78.0	78.2	77.8	77.6	77.9	81.1	75.0
" 9,	78.7	77.7	78.7	77.4	77.3	77.5	78.4	78.5	78.7	79.8	82.0	80.8	82.6	82.1	81.4	81.8	80.6	79.2	78.6	78.5	78.7	78.6	78.2	78.0	79.3	83.6	77.0
" 10,	77.9	78.3	77.4	78.0	77.4	77.6	78.5	78.6	79.4	81.0	83.4	83.8	81.4	81.6	83.4	82.6	82.3	80.4	79.5	80.0	79.5	79.7	79.1	79.6	80.0	84.5	77.2
" 11,	79.3	78.4	78.0	78.1	77.9	77.7	80.7	79.9	82.6	80.6	78.1	82.7	81.6	78.0	79.1	79.4	79.9	79.8	79.1	79.0	78.3	78.3	77.6	78.3	79.3	83.7	77.0
" 12,	78.0	78.6	78.7	78.2	77.7	77.6	78.8	79.6	78.7	77.7	79.7	79.4	78.5	77.6	77.8	77.6	77.4	77.2	77.0	76.6	76 8	76.8	76.5	76.5	77.9	83.0	75.9
" 13,	77.7	77.5	77.5	77.4	77.2	77.3	77.3	77.4	75.7	75.7	76.4	77.6	78.5	77.7	77.3	77.4	77.3	77.2	77.3	77.3	77.4	77.1	76.6	77.2	77.2	79.2	75.3
" 14,	77.0	76.8	76.7	76.5	77.0	76.8	76.4	76.7	79 6	80.0	76.7	76.9	78.1	80.5	80.8	80.4	79.9	78.6	79.2	79.0	77.3	77.6	77.6	77.6	78.1	81.3	76.4
" 15,	77.5	77.5	76.5	77.6	77.8	78.7	80.4	81.9	85.0	85.4	85.7	84.5	83.6	84.9	84.4	82.6	81.6	81.6	81.1	81.3	81.5	81.6	81.3	81.2	81.5	86.8	76.3
" 16,	81.3	80.7	79.2	78.3	77.4	77.3	78.5	79.9	81.7	84.4	84.7	84.1	85.2	85.4	83.2	84.0	84.0	83.3	81.6	81.0	81.6	81.6	81.7	81.3	81.7	86.7	76.8
" 17,	81.2	80.3	79.2	78.8	78.7	79.2	78.7	81.9	80.3	82.4	85.6	85.7	76.8	82.0	84.4	84.1	83.3	83.3	81.6	81.6	79.2	78.5	79.2	79.2	81.0	86.7	77.6
" 18,	79.4	79.6	79.9	80.0	80.0	80.1	80.6	81.9	82.7	78.4	82.3	84.5	84.4	80.8	82.9	83.0	81.9	81.5	81.3	80.6	80.6	80.9	80.5	80.6	81.2	85.2	78.4
" 19,	80.1	79.8	79.8	79.8	79.8	79.7	80.5	82.0	83.0	84.0	84.5	85.0	85.1	83.8	83.6	84.2	83.2	82.6	81.8	81.5	81.2	81.5	81.4	81.2	82.0	86.1	79.4
" 20,	80.6	80.5	80.4	79.1	78.3	78.7	79.4	80.4	81.9	80.0	83.4	84.7	83.4	83.5	83.7	82.6	82.3	82.1	81.1	80.7	80.5	80.2	79.7	79.2	81.1	85.9	78.3
" 21,	78.5	78.5	78.2	77.8	77.7	77.9	80.7	83.3	83.7	85.1	86.0	88.1	87.6	88.0	88.0	87.1	86.9	85.6	83.3	82.5	82.7	81.7	81.5	82.2	83.0	88.6	77.4
" 22,	82.4	81.9	81.6	80.8	80.4	79.8	82.0	82.4	83.9	86.0	86.6	86.9	86.4	86.3	86.1	86.8	86.6	85.0	83.5	77.5	78.7	79.5	79.5	80.4	83.0	87.9	77.0
" 23,	80.8	80.5	81.6	80.7	80.4	80.8	81.7	81.7	81.9	80.3	79.2	82.7	83.4	83.0	83.1	83.0	82.7	80.0	77.7	77.7	76.2	75.5	76.7	76.9	80.3	85.1	75.4
" 24,	77.6	78.3	77.9	78.5	79.1	77.6	78.7	76.0	76.9	79.2	79.7	79.7	79.5	80.5	78.9	78.9	78.6	78.5	79.3	79.2	79.2	79.0	79.7	79.2	78.7	81.9	75.4
" 25,	77.9	78.1	77.8	77.5	77.4	75.8	75.2	76.7	76.3	78.6	78.9	78.4	77.4	76.6	76.1	76.7	77.1	77.5	78.7	78.1	77.9	77.9	77.7	77.6	77.4	81.3	75.2
" 26,	78.1	79.1	80.5	80.2	79.3	78.8	79.7	80.0	80.7	81.0	81.7	82.1	82.0	82.1	81.6	82.6	81.3	80.1	79.8	79.0	78.5	78.3	78.6	78.5	80.1	84.0	76.6
" 27,	78.6	78.6	78.6	78.5	78.3	78.7	79.6	80.8	80.9	82.0	81.0	84.0	83.7	83.2	83.2	83.0	82.7	80.7	79.9	79.7	79.7	79.4	78.7	78.6	80.5	84.5	78.0
" 28,	77.7	77.5	77.4	77.1	76.8	76.7	78.7	81.4	82.4	83.8	84.4	85.2	87.2	87.9	83.8	83.2	82.0	81.1	80.7	80.7	80.5	80.5	79.8	79.5	81.1	87.9	76.4
" 29,	79.2	79.3	78.9	78.9	79.2	79.6	79.7	80.4	79.8	79.5	79.8	78.8	76.9	77.0	76.7	77.3	76.2	78.0	77.9	78.2	78.6	78.5	78.6	78.3	78.6	82.7	75.8
" 30,	78.0	77.8	78.1	78.2	78.0	78.5	78.4	78.0	77.9	77.5	77.7	76.7	78.5	77.7	78.3	78.6	78.3	78.5	78.7	79.3	80.3	80.2	80.2	80.4	78.5	80.7	76.7
" 31,	80.6	80.4	79.5	78.5	78.3	78.7	79.7	80.6	81.6	82.7	84.5	82.9	83.0	82.7	82.2	81.8	81.7	80.6	80.6	80.4	80.2	80.1	80.7	80.4	80.9	85.3	78.0
Means,	79.8	79.7	79.5	79.2	79.0	79.0	79.9	80.6	81.3	81.9	82.5	83.0	83.0	83.2	83.1	82.7	82.2	81.5	80.8	80.4	80.2	80.1	79.9	79.8	80.9	85.5	77.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF AUGUST, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	77.8	77.3	78.1	77.8	77.6	78.4	78.6	77.0	78.6	79.2	79.0	78.0	77.2	78.4	78.6	79.0	79.4	78.8	77.8	78.1	78.1	78.0	78.0	78.0	78.2	143.1
" 2, ...	78.0	77.7	77.3	77.7	76.7	77.3	78.0	79.0	79.0	79.1	79.1	80.1	80.2	80.0	80.1	79.2	79.0	78.6	77.8	78.2	78.4	78.2	78.1	78.5	78.6	140.2
" 3, ...	78.5	78.2	77.9	77.8	78.2	77.6	79.0	79.0	80.0	79.8	80.0	79.8	79.2	79.3	79.8	78.0	79.6	79.6	79.0	78.8	78.5	78.4	78.2	78.1	78.8	142.3
" 4, ...	78.4	78.5	78.6	79.0	78.5	78.8	79.2	79.0	80.0	80.4	80.8	80.0	80.4	79.6	79.4	80.4	80.4	80.6	76.1	76.4	77.7	78.0	78.0	77.1	79.0	145.6
" 5, ...	78.9	78.2	78.6	78.3	78.6	79.3	80.0	80.5	79.9	80.6	81.8	82.0	80.8	81.1	80.5	80.9	79.6	78.5	77.6	77.6	76.6	76.3	76.3	75.5	79.1	153.8
" 6, ...	75.6	74.8	74.2	73.8	73.7	73.6	74.0	74.3	74.6	75.4	75.1	75.3	75.0	75.1	75.0	75.4	75.0	75.4	75.6	75.2	74.9	74.0	73.9	76.1	74.8	100.6
" 7, ...	78.3	78.7	79.1	79.1	79.2	79.4	79.3	78.8	78.7	78.7	78.8	75.9	77.8	80.6	79.3	79.6	79.6	78.9	77.8	76.3	77.9	77.8	78.2	76.8	78.5	141.9
" 8, ...	76.6	76.5	76.4	76.9	75.9	75.2	75.6	76.3	77.4	76.6	76.1	76.6	77.4	77.6	77.6	77.5	77.1	77.3	76.5	76.4	76.9	77.0	76.9	77.1	76.7	140.4
" 9, ...	77.2	76.7	76.7	76.4	76.4	76.4	76.4	76.7	77.0	77.0	78.5	77.6	78.4	78.3	77.8	78.4	77.5	77.2	76.7	76.5	77.0	77.0	76.6	76.8	77.1	144.5
" 10, ...	76.9	76.8	76.7	76.7	76.7	76.8	77.6	77.3	78.3	78.5	78.6	78.7	78.6	78.4	78.6	78.0	77.4	77.4	76.7	77.1	77.2	77.5	77.2	77.5	77.5	140.2
" 11, ...	77.4	77.2	77.0	77.1	76.5	76.8	78.7	77.8	79.2	78.0	77.0	78.9	77.1	76.2	76.8	76.4	76.2	75.6	75.5	76.0	76.3	76.5	77.1	77.1	77.0	141.3
" 12, ...	76.0	76.1	76.5	76.5	75.7	75.4	76.4	76.6	77.7	76.0	77.2	76.7	76.8	74.9	75.6	75.7	75.9	75.6	75.3	75.6	75.7	74.9	75.1	75.2	76.0	130.3
" 13, ...	75.9	75.6	75.4	76.1	75.8	75.8	75.8	75.7	74.6	74.8	74.9	75.7	76.4	76.1	75.6	75.6	75.8	76.0	76.2	76.1	76.1	76.2	76.0	75.7	75.7	115.0
" 14, ...	76.0	76.1	76.3	76.1	76.3	76.1	75.5	76.0	77.7	77.8	76.0	76.0	77.5	78.6	78.6	78.1	77.6	77.1	77.2	77.3	76.5	76.5	76.7	76.7	76.8	125.9
" 15, ...	76.5	76.7	76.0	76.5	76.6	76.7	78.6	79.8	80.0	79.0	78.9	79.6	78.6	77.2	79.1	78.0	78.2	78.2	77.9	77.9	78.2	77.5	78.5	78.3	78.0	145.8
" 16, ...	78.6	78.6	77.7	77.1	75.6	76.2	77.3	76.8	77.3	78.7	78.5	79.0	78.4	78.8	77.5	78.0	78.5	78.6	78.8	78.5	78.6	78.0	78.4	78.7	78.0	144.4
" 17, ...	78.5	77.3	76.7	76.5	76.5	76.6	76.6	78.8	77.6	78.2	79.3	78.8	76.2	77.4	78.7	78.0	77.9	77.6	78.5	76.6	77.3	76.7	77.1	77.5	77.5	146.5
" 18, ...	77.4	77.4	77.6	77.4	77.4	77.2	77.8	77.7	78.6	76.1	77.7	80.1	79.2	77.7	77.6	77.8	77.8	77.4	78.0	77.9	77.9	78.4	77.0	77.8	77.8	138.1
" 19, ...	77.7	77.5	77.5	77.2	77.0	76.8	77.1	77.6	77.6	77.5	78.0	78.0	78.4	78.1	77.5	77.3	77.5	77.0	77.8	77.7	77.9	78.4	78.4	78.2	77.7	147.0
" 20, ...	78.2	78.1	77.9	77.3	76.6	77.4	77.4	77.9	77.7	76.0	78.3	78.7	78.0	78.0	78.1	78.0	77.9	77.8	78.7	78.7	78.8	78.5	78.4	78.0	77.9	147.5
" 21, ...	77.8	78.0	77.6	77.4	77.1	76.9	78.7	78.0	77.0	77.0	78.1	79.2	79.0	80.0	79.9	79.4	79.2	78.6	77.9	79.4	79.3	78.8	78.7	77.4	78.3	139.1
" 22, ...	77.3	76.7	77.1	76.3	76.6	76.7	76.8	77.6	78.1	79.0	80.2	80.2	80.0	80.0	79.3	79.0	79.2	78.6	78.9	76.7	77.3	77.7	77.8	78.5	78.2	145.0
" 23, ...	78.1	77.5	78.0	78.6	77.6	76.8	77.1	77.1	77.7	77.2	77.0	77.7	77.8	77.6	77.5	77.7	77.5	78.0	76.4	76.0	75.1	74.7	74.8	75.0	77.0	145.9
" 24, ...	75.6	75.6	75.1	75.5	76.2	76.5	74.7	74.2	74.7	76.7	76.4	76.0	76.7	76.6	75.5	75.5	75.7	75.4	77.2	77.3	77.3	77.1	77.1	77.1	76.1	112.8
" 25, ...	76.2	76.8	76.9	76.5	76.4	74.7	74.9	75.4	75.0	75.3	76.8	76.8	76.0	75.3	75.3	75.6	75.9	76.0	77.0	77.0	76.8	76.3	76.7	76.9	76.1	118.1
" 26, ...	76.7	76.8	77.4	77.1	76.9	76.8	77.3	77.7	77.4	78.1	78.0	78.7	77.8	78.3	78.1	78.4	78.0	77.6	77.7	77.5	77.2	77.0	77.2	77.1	77.5	140.0
" 27, ...	77.5	77.0	77.0	76.9	77.0	77.0	77.6	78.0	77.7	78.5	78.4	79.0	78.3	78.8	78.3	77.2	78.3	77.7	77.7	77.7	77.5	77.8	77.2	77.2	77.7	142.6
" 28, ...	76.6	76.6	76.3	76.5	75.8	76.0	76.6	76.8	78.0	78.9	80.0	79.7	79.4	79.5	78.9	79.2	79.1	77.0	77.2	77.4	76.9	76.7	77.2	77.1	77.6	143.3
" 29, ...	76.1	76.1	75.9	75.8	75.9	75.9	76.4	76.8	76.7	74.5	76.1	76.1	76.0	75.2	75.4	75.3	75.0	75.2	75.7	75.8	75.8	75.7	75.7	75.6	75.8	142.6
" 30, ...	75.5	75.1	75.7	75.1	74.6	74.8	75.0	75.1	75.7	75.8	75.6	75.5	76.1	75.7	75.9	75.8	75.9	76.0	76.4	75.9	76.4	76.5	76.3	76.0	75.7	135.9
" 31, ...	76.4	76.5	76.6	76.5	76.4	76.7	76.8	76.5	76.8	76.7	77.5	76.0	76.8	77.2	76.8	76.4	76.5	77.4	78.1	77.8	78.2	78.0	77.7	77.7	77.0	155.9
Means, ...	77.2	77.0	77.0	76.9	76.6	76.7	77.1	77.3	77.6	77.6	78.0	78.1	77.9	77.9	77.8	77.7	77.7	77.4	77.3	77.1	77.2	77.1	77.1	77.1	77.3	138.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF AUGUST, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	89	0.900	Aug. 1,.....	77	0.894
2 „	88	.893	„ 2,.....	76	.900
3 „	89	.895	„ 3,.....	75	.902
4 „	90	.895	„ 4,.....	77	.917
5 „	89	.884	„ 5,.....	74	.906
6 „	90	.889	„ 6,.....	69	.762
7 „	88	.895	„ 7,.....	83	.921
8 „	86	.894	„ 8,.....	94	.904
9 „	84	.898	„ 9,.....	90	.902
10 „	82	.889	„ 10,.....	89	.911
11 „	81	.899	„ 11,.....	90	.898
Noon.	79	.897	„ 12,.....	91	.873
1 p.	79	.889	„ 13,.....	93	.870
2 „	78	.886	„ 14,.....	94	.906
3 „	78	.883	„ 15,.....	85	.913
4 „	79	.884	„ 16,.....	84	.910
5 „	81	.890	„ 17,.....	85	.897
6 „	83	.886	„ 18,.....	85	.908
7 „	85	.891	„ 19,.....	82	.892
8 „	86	.888	„ 20,.....	86	.914
9 „	87	.895	„ 21,.....	80	.906
10 „	87	.892	„ 22,.....	80	.902
11 „	88	.894	„ 23,.....	86	.885
Midt.	88	.896	„ 24,.....	89	.867
			„ 25,.....	94	.885
			„ 26,.....	89	.909
			„ 27,.....	88	.913
			„ 28,.....	85	.901
			„ 29,.....	88	.855
			„ 30,.....	88	.852
			„ 31,.....	83	.876
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.
1899.														
Aug. 1,.....	0.1	0.2	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.2
„ 2,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.9
„ 3,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	11.0
„ 4,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	...	...	8.0
„ 5,.....	...	0.8	1.0	0.6	0.9	0.9	1.0	1.0	1.0	0.7	0.7	0.1	...	8.7
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	0.5	0.6	0.2	0.3	0.2	...	1.8
„ 8,.....	...	...	...	...	...	...	0.1	0.4	0.6	1.0	1.0	1.0	0.4	4.5
„ 9,.....	...	0.3	0.7	0.1	...	0.9	0.9	0.8	1.0	1.0	0.4	...	...	6.1
„ 10,.....	...	...	...	...	...	0.2	0.4	0.6	0.6	1.0	1.0	1.0	0.2	5.0
„ 11,.....	0.2	0.7	...	0.3	0.2	...	...	...	...	...	...	...	...	1.4
„ 12,.....	...	0.2	0.2	...	...	...	...	...	...	...	...	...	...	0.4
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	0.3	...	...	...	...	...	...	...	...	...	0.3
„ 15,.....	...	0.5	0.8	1.0	1.0	1.0	0.2	...	0.2	0.1	0.2	0.1	...	5.1
„ 16,.....	...	0.2	0.8	1.0	1.0	1.0	0.9	1.0	1.0	0.8	0.4	0.3	...	8.4
„ 17,.....	...	0.1	0.7	0.7	1.0	0.9	0.8	0.3	0.9	1.0	1.0	0.2	...	7.6
„ 18,.....	...	...	0.2	0.5	...	0.5	0.8	0.4	...	..	0.2	0.1	...	2.7
„ 19,.....	...	0.4	1.0	0.9	1.0	1.0	1.0	0.9	0.7	0.5	1.0	0.8	...	9.2
„ 20,.....	...	...	0.2	0.8	0.6	0.7	0.7	0.5	0.8	0.7	0.1	0.9	0.1	6.1
„ 21,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.2
„ 22,.....	0.2	1.0	1.0	1.0	1.0	1.0	0.4	0.3	0.8	0.5	0.3	...	...	7.5
„ 23,.....	...	...	...	0.1	...	0.1	0.9	0.6	0.6	0.5	...	...	...	2.8
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	0.4	0.5	0.5	0.7	1.0	0.4	0.7	1.0	0.9	0.8	0.5	...	7.4
„ 27,.....	...	0.4	0.9	0.5	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9	...	9.3
„ 28,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	...	0.7	...	8.1
„ 29,.....	...	...	0.4	0.1	0.7	0.5	...	...	...	...	...	...	...	1.7
„ 30,.....	...	0.2	0.1	...	...	...	...	0.3	0.1	0.1	0.3	...	...	1.1
„ 31,.....	...	0.4	0.9	1.0	0.9	0.8	0.6	0.7	0.8	1.0	0.3	0.4	...	7.8
Sums,.....	1.1	10.3	15.0	15.4	15.8	17.4	16.0	16.0	17.4	15.0	13.0	10.6	1.3	164.3

TABLE VI.

RAINFALL, FOR THE MONTH OF AUGUST, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Aug. 1,	...	...	...	0.240	...	...	...	0.100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.340	2
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	...	...	...	...	...	...	...	...	0.030	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	0.040	...	...	...	...	...	...	...	...	...	...	0.130	...	...	...	...	...	...	...	...	...	...	0.290	1.780	2.240	2
„ 8,	0.080	...	0.015	0.020	0.435	0.420	0.040	0.190	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.210	6
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	0.010	...	...	0.130	...	0.340	0.135	...	...	...	...	...	...	...	...	...	...	0.615	2
„ 12,	...	...	...	...	...	...	...	0.795	0.210	...	...	0.090	0.110	0.210	0.030	0.030	0.005	...	...	...	...	...	...	0.025	1.505	5
„ 13,	0.015	...	...	0.060	...	0.055	0.020	0.100	0.060	0.075	...	...	...	...	...	...	...	...	...	...	...	0.050	...	...	0.435	7
„ 14,	0.105	...	...	...	...	0.015	0.005	0.115	...	0.260	0.100	0.085	0.015	...	...	...	...	...	0.020	0.015	...	...	...	...	0.735	6
„ 15,	0.005	...	...	0.005	...	0.005	0.030	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	0.060	1
„ 16,	...	...	0.190	...	...	0.025	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	0.040	0.260	1
„ 17,	...	...	...	...	...	...	0.025	...	0.010	...	...	0.005	0.235	...	...	...	...	...	...	...	0.260	...	...	...	0.535	2
„ 18,	0.010	...	...	...	...	0.005	...	...	0.015	0.030	...	...	...	0.070	...	...	...	...	...	...	...	...	...	0.025	0.155	1
„ 19,	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 20,	...	...	0.065	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.075	1
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	0.250	0.330	...	...	...	...	0.610	1
„ 23,	...	...	...	...	...	0.020	...	...	...	...	0.030	...	...	...	...	...	...	1.170	0.020	0.010	1.230	0.580	0.960	1.200	5.220	6
„ 24,	0.100	0.120	0.230	0.100	0.020	0.180	0.050	0.750	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.570	9
„ 25,	0.055	0.010	0.155	0.045	0.515	0.230	0.075	0.005	...	0.030	0.080	0.025	0.035	0.050	0.030	0.010	...	...	...	0.070	0.060	0.010	0.460	0.090	2.040	11
„ 26,	0.055	0.140	0.005	...	...	...	...	...	0.020	...	...	...	...	...	...	...	...	...	...	...	0.040	...	...	...	0.260	1
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	0.100	0.030	0.040	...	0.860	0.290	0.120	...	0.010	...	...	0.015	0.005	...	...	0.050	1.520	7
„ 30,	...	0.030	0.050	0.020	...	...	...	...	0.060	0.050	0.005	0.155	...	0.025	...	0.080	0.040	...	...	...	...	...	...	...	0.515	9
„ 31,	...	...	0.040	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	1
Sums,	0.470	0.305	0.750	0.490	0.970	0.965	0.245	2.065	0.475	0.505	0.385	0.495	1.610	0.780	0.180	0.150	0.055	1.200	0.290	0.440	1.595	0.640	1.710	3.210	19.980	81

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF AUGUST, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		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.	16	4	19	7	18	4	29	4	28	2	...	1	28	4	26	5	26	4	29	7	26	8	23	9	23	9	20	9	19	12	19	12	19	10	18	6	18	5	18	2	...	1	...	1	18	2	18	5	133	5.5	21
„ 2.	19	9	18	5	20	9	18	6	22	6	...	1	...	1	22	4	25	8	25	7	26	12	25	10	24	9	24	8	23	8	18	7	17	9	17	6	17	6	17	3	...	1	...	1	...	0	...	0	136	5.7	21
„ 3.	...	0	...	0	18	3	21	6	21	5	21	4	26	3	26	6	27	7	27	7	25	11	26	8	24	7	25	8	25	7	18	6	18	7	22	6	...	1	18	3	13	4	...	1	13	2	...	0	112	4.7	23
„ 4.	22	4	20	7	20	6	23	10	25	8	24	4	24	4	24	6	24	8	25	11	23	14	23	9	23	9	21	8	22	6	20	4	18	9	19	7	30	8	...	0	...	0	...	1	...	0	...	1	144	6.0	23
„ 5.	...	0	...	0	26	2	26	4	23	5	24	7	25	6	25	5	25	11	22	10	25	13	23	18	26	18	28	17	25	17	30	16	28	17	28	22	28	23	28	24	29	21	30	22	30	20	29	24	322	13.4	27
„ 6.	29	22	27	20	28	24	28	28	28	26	28	23	27	2[illegible]	26	23	23	23	24	18	23	18	23	18	23	15	23	14	19	21	19	31	19	27	21	17	20	19	22	16	19	15	19	15	19	17	20	12	488	20.3	24
„ 7.	19	22	19	26	19	25	20	29	19	30	19	22	19	28	19	23	20	18	18	15	19	17	16	15	17	10	18	7	18	10	15	13	16	13	15	14	15	16	14	16	14	18	12	14	14	22	15	14	437	18.2	18
„ 8.	17	14	7	6	6	5	6	16	8	18	8	14	7	13	30	3	7	4	9	12	8	15	8	17	8	20	8	19	9	20	9	19	9	19	7	14	7	15	8	10	8	11	8	7	8	7	11	10	308	12.8	24
„ 9.	11	9	10	11	11	9	11	5	11	8	10	11	10	13	8	15	7	12	9	10	9	15	9	20	8	14	10	18	9	20	9	15	9	18	9	15	9	10	9	9	10	10	10	8	10	7	10	6	288	12.0	9
„ 10.	10	6	10	4	10	4	10	6	10	3	10	2	...	0	10	5	12	4	9	3	5	3	29	7	8	10	7	9	8	10	9	13	9	13	9	12	9	12	9	10	7	8	6	6	9	3	9	2	155	6.5	8
„ 11.	9	2	...	0	9	2	...	1	9	2	...	0	7	2	8	3	16	2	22	4	19	8	30	7	20	16	30	8	28	4	30	5	...	0	30	3	7	10	9	12	9	12	7	10	7	7	7	12	132	5.5	7
„ 12.	16	7	17	6	14	3	14	7	17	3	17	2	12	4	14	3	16	4	25	9	29	3	20	8	27	7	19	14	18	5	...	1	18	3	18	5	10	13	8	15	8	15	8	11	9	13	10	13	174	7.2	13
„ 13.	9	15	7	14	8	12	7	8	6	8	6	7	12	5	7	7	16	4	16	4	5	5	7	9	7	5	9	14	9	18	8	16	8	18	9	12	9	13	8	12	7	13	8	12	9	11	8	10	252	10.5	8
„ 14.	8	13	9	11	10	9	10	6	10	10	8	13	8	15	8	13	9	9	9	8	29	3	...	1	29	2	...	1	30	3	30	5	...	1	30	5	4	4	...	1	28	3	...	1	28	2	28	2	141	5.9	8
„ 15.	28	4	32	2	30	7	29	3	29	2	29	2	...	0	29	2	17	4	18	5	18	8	16	9	16	9	18	11	18	12	17	10	15	6	15	5	17	3	17	4	17	5	17	4	16	6	15	7	130	5.4	18
„ 16.	16	6	16	3	17	3	25	3	26	5	1	3	26	2	26	3	26	5	15	7	17	8	18	9	15	11	26	5	17	7	14	6	15	6	16	7	11	9	9	8	13	12	12	9	13	14	9	7	158	6.6	15
„ 17.	12	9	18	9	16	7	16	3	5	2	5	3	6	6	5	3	8	6	6	7	16	10	15	10	17	10	3	5	17	7	16	11	14	9	11	9	11	6	11	6	7	5	18	4	18	4	...	1	152	6.3	13
„ 18.	18	4	10	8	10	9	11	8	10	9	11	9	9	11	12	10	10	15	14	11	3	8	9	14	9	17	14	11	9	6	10	15	9	15	9	11	6	9	7	5	7	7	7	11	9	9	9	6	238	9.9	10
„ 19.	8	10	8	12	7	12	7	12	7	13	7	12	7	11	8	12	8	13	8	16	7	18	7	21	7	19	8	17	8	16	7	19	7	20	7	15	7	13	8	15	9	13	7	10	6	8	7	9	336	14.0	7
„ 20.	7	9	7	7	7	8	9	6	...	...	...	1	10	4	10	6	14	13	7	14	8	16	9	10	10	13	11	14	11	13	10	12	10	10	9	10	9	10	9	6	9	3	...	1	9	2	...	1	189	7.9	9
„ 21.	...	1	...	0	...	0	...	0	...	1	...	1	...	0	10	2	10	3	24	5	24	8	21	9	23	10	24	9	26	9	24	9	23	9	23	9	26	8	27	8	23	5	25	9	24	10	28	13	138	5.8	24
„ 22.	27	16	28	12	24	7	23	16	24	14	25	11	25	14	22	15	25	12	25	13	23	18	24	16	24	16	25	17	26	17	25	16	23	13	25	11	9	10	11	18	8	3	...	0	29	6	24	8	299	12.5	24
„ 23.	23	13	23	9	28	10	27	8	25	14	27	16	27	20	27	22	27	21	25	18	20	16	21	17	20	18	18	23	19	32	19	23	18	18	18	17	18	13	16	11	15	9	14	5	21	16	16	15	384	16.0	21
„ 24.	17	16	17	13	16	22	17	19	18	11	6	8	12	15	16	18	13	14	15	12	15	16	18	11	30	9	29	4	9	5	9	16	9	20	10	15	7	19	9	22	10	20	10	24	10	23	10	24	376	15.7	12
„ 25.	9	22	10	19	9	13	9	13	10	13	10	18	9	17	9	16	7	15	9	11	8	10	6	11	8	18	9	19	7	15	9	9	8	11	10	8	7	18	7	17	6	16	4	12	5	11	9	13	348	14.5	8
„ 26.	11	22	14	22	13	24	11	23	10	17	9	17	9	20	10	24	9	22	9	26	9	22	8	25	9	26	9	22	9	20	10	23	10	20	9	16	9	15	9	12	9	10	7	12	6	9	7	7	456	19.0	10
„ 27.	8	7	9	5	11	5	8	11	8	12	7	12	7	11	7	11	8	13	8	14	9	15	7	12	8	12	9	15	9	14	9	15	8	12	8	10	8	8	8	9	10	6	10	2	...	1	...	0	232	9.7	8
„ 28.	...	0	...	1	10	4	1	2	...	0	...	0	...	0	...	1	28	4	26	6	25	9	24	7	22	6	18	6	25	4	19	4	4	10	9	6	9	5	...	0	...	1	9	5	11	6	10	4	91	3.8	19
„ 29.	10	8	9	10	7	13	7	9	7	13	8	13	7	13	7	16	7	24	9	17	7	27	7	22	7	25	7	23	7	23	6	24	6	24	6	23	7	26	7	23	7	24	7	27	7	26	6	26	479	20.0	7
„ 30.	7	27	7	27	7	29	7	32	7	30	7	29	7	29	7	30	7	23	8	21	7	22	7	15	7	18	9	18	6	19	6	22	6	23	7	24	7	22	8	24	9	28	9	26	8	26	8	26	590	24.6	7
„ 31.	9	24	9	22	7	20	7	19	7	17	6	16	7	19	7	18	8	19	7	15	8	18	8	17	9	15	10	21	10	20	10	21	10	16	10	11	10	7	9	7	9	9	9	6	8	13	7	16	386	16.1	8
Sums.	...	325	...	298	...	310	...	323	...	307	...	282	...	316	...	330	...	344	...	346	...	394	...	391	...	403	...	394	...	400	...	418	...	406	...	351	...	356	...	328	...	308	...	277	...	303	...	294	8204	341.8	...
Means.	...	10.5	...	9.6	...	10.0	...	10.4	...	9.9	...	9.1	...	10.2	...	10.6	...	11.1	...	11.2	...	12.7	...	12.6	...	13.0	...	12.7	...	12.9	...	13.5	...	13.1	...	11.3	...	11.5	...	10.6	...	9.9	...	8.9	...	9.8	...	9.5	264.6	11.0	...

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
1899.												
Aug. 1, ...	4	cum.	S	10	nim.	SSW	7	cum.	SSW	2	c-cum. / cum.	SSW
„ 2, ...	3	cum.	SSW	7	cum.	SW	3	c-cum. / cum.	...	2	cum.	...
„ 3, ...	0	...	...	0	...	...	5	c-cum. / cum.	WSW	3	c-cum. / cum.	ENE / SW
„ 4, ...	6	cum.	W	1	cum.	W	8	c-str. / cum.	WSW	6	c-cum. / cum.	E / ..
„ 5, ...	8	sm-cum.	W	9	c-cum.	...	4	c-cum. / cum.	...	5	c-cum. / cum.	NNW / ..
„ 6, ...	10	c-cum. / cum.	...	9	c-cum. / cum.	...	10	c-cum. / cum.	WNW	10	str-cum.	NNW
„ 7, ...	10	nim.	...	9	cum.	SW	10	c-cum. / cum.	SW	10	c-cum. / cum.	SSW
„ 8, ...	10	nim.	...	10	nim.	...	10	nim.	SSE	10	nim.	SE
„ 9, ...	5	cum.	E	2	cum.	ESE	8	c-cum. / cum.	ENE	10	c-cum. / cum.	E
„ 10, ...	0	...	...	1	cum.	E	9	cum.	...	10	c-cum. / nim.	...
„ 11, ...	0	...	...	2	cum.	S	8	c-cum. / cum.	SW	8	c-cum. / cum.	SSW
„ 12, ...	9	cum.	E	9	cum.	S	10	c-cum. / cum.	SSW	10	nim.	SSW
„ 13, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	...
„ 14, ...	10	nim.	...	9	cum.	...	10	nim.	...	10	nim.	S
„ 15, ...	10	nim.	...	9	cum.	SW	9	cum-nim.	SW	4	cum.	SSW
„ 16, ...	9	cum.	S	10	nim.	...	10	cum.	SSW	8	c-cum. / cum.	SSW
„ 17, ...	9	nim.	...	3	cum.	NE	9	c-cum. / cum.	SSE	8	c-cum. / cum.	S
„ 18, ...	9	nim.	...	9	cum-nim.	...	9	c-cum. / cum.	ESE	10	nim.	SSE
„ 19, ...	9	cum.	E	3	cum.	E	9	c-cum. / cum.	E	10	c-cum. / cum.	E
„ 20, ...	9	cum-nim.	E	9	nim.	E	10	c-cum. / cum.	E	7	c-cum. / sm-cum.	N
„ 21, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 22,	9	cum.	N	5	c-cum.	...	6	c-cum.	...	8	c-cum / cum.	N / N
„ 23, ...	10	str-cum.	NNW	10	str-cum.	NNW	9	c-cum. / cum.	N / WNW	10	nim.	WNW
„ 24, ...	10	nim.	...	10	nim.	...	10	nim.	S	10	nim.	S
„ 25, ...	10	nim.	E	10	nim.	...	10	nim.	E	10	str-cum.	ESE
„ 26, ...	10	nim.	SE	8	cum.	ESE	9	c-cum. / cum.	ESE	9	c-str. / cum.	SE
„ 27, ...	6	cum.	SE	10	nim.	ESE	9	cum.	ESE	9	c-cum. / cum.	ESE
„ 28, ...	9	c-str.	...	9	c-str.	...	4	c-str.	...	4	c-cum. / cum.	N / ..
„ 29, ...	9	c-str. / cum.	...	9	sm-cum.	...	10	cum.	E	10	cum. / cum.	SSE / E
„ 30, ...	10	nim.	...	10	nim.	...	9	c-cum. / cum.	E	10	nim.	ESE
„ 31, ...	7	cum.	E	9	cum-nim.	E	7	c-cum. / cum.	E	7	c-cum. / cum.	E
Means, .	7.4	...	...	7.1	...	...	8.1	...	...	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	
1899.													
Aug. 1,...	6	c-cum. / cum.	ENE / SW	4	c-cum. / cum.	SW	7	c-cum.	...	7	c-str. / cum.	SW	5.9
,, 2,...	3	c-cum. / cum.	E / ..	6	c-cum. / cum.	E / ..	9	c-cum.	ENE	6	c-cum.	...	4.9
,, 3,...	2	c-cum. / cum.	SW	3	c-cum.	...	10	c-str.	...	5	c-str.	...	3.7
,, 4,...	6	c-cum. / cum.	W	8	str-cum.	...	10	c-cum. / cum.	NNW	10	str-cum.	...	6.9
,, 5,...	3	c-cum. / cum.	WNW	10	nim.	NW	7	c-cum.	...	8	c-cum.	...	6.8
,, 6,...	10	str-cum.	NW	10	str. / cum.	WNW	10	str-cum.	WNW	10	str-cum.	...	9.9
,, 7,...	9	c-cum. / cum.	SW	9	c-cum. / cum.	SSE	10	c-cum. / cum.	SE	9	cum.	SE	9.5
,, 8,...	9	c-cum. / cum.	S	5	c-cum. / cum.	...	9	c-cum. / cum.	ESE	4	cum.	...	8.4
,, 9,...	8	c-cum / cum.	ENE	8	c-str. / cum.	SSE / ..	10	c-cum. / cum.	E	2	c-cum.	...	6.6
,, 10,...	7	c-cum. / nim.	E	4	c-cum. / cum.	...	3	c-cum.	NE	7	cum.	...	5.1
,, 11,...	10	nim.	SW	10	c-cum. / cum.	...	10	c-str. / cum.	SSW	7	cum.	SSW	6.9
,, 12,...	10	nim.	SW	10	nim.	...	10	nim.	...	9	cum.	...	9.6
,, 13,...	10	str-cum. / cum.	SSW	10	str. / cum.	SSW	10	c-str. / cum.	SSW	10	nim.	...	10.0
,, 14,...	10	nim.	...	10	str-cum. / cum.	SSW	10	nim.	SW	10	cum.	SW	9.9
,, 15,...	9	c-cum. / cum. / nim.	SSE	9	sm-cum. / cum. / nim.	SSE	10	c-str. / cum.	S	9	cum.	SSW	8.6
,, 16,...	10	c-str. / cum.	NE / SSW	9	c-cum. / cum.	E / SSW	10	c-cum. / cum.	SSW	9	cum.	SW	9.4
,, 17,...	10	nim.	...	9	c-cum. / cum.	NNE / SSE	4	c-cum. / cum.	SSE	7	cum.	SSE	7.4
,, 18,...	9	c-str. / cum.	SSE	8	c-str. / cum.	ENE / SSE	7	c-str. / cum.	...	10	c-str. / cum.	ESE	8.9
,, 19,...	10	c-str. / cum.	E	8	c-cum. / cum.	SE / E	5	c-cum. / cum.	E	8	cum.	E	7.7
,, 20,...	9	c-cum. / cum.	ENE / E	9	c-cum. / cum.	ENE / E	4	c-cum.	...	9	sm-cum. / cum.	SSE	8.3
,, 21,...	3	cum.	NE	0	...	...	5	c-cum. / cum.	N	7	c-str. / cum.	WNW	1.9
,, 22,...	9	c-cum. / cum.	N / ..	9	c-cum. / cum.	N / N	9	c-cum. / cum-nim.	NNW	10	cum.	N	8.1
,, 23,...	10	c-cum. / cum.	W	10	c-cum. / cum.	W	10	nim.	...	10	nim.	...	9.9
,, 24,...	10	str-cum.	SSE	10	str-cum.	SE	10	cum.	SE	10	cum.	SE	10.0
,, 25,...	10	c-cum. / cum-nim.	ESE	10	nim.	SE	10	cum-nim.	ESE	10	nim.	ESE	10.0
,, 26,...	10	c-cum. / cum.	NNE / SE	9	c-cum. / cum.	ESE	9	cum.	ESE	9	str-cum.	...	9.1
,, 27,...	4	c-cum. / cum.	ESE	1	cum.	...	6	c-cum.	...	0	...	...	5.6
,, 28,...	9	c-cum. / cum.	N / SW	10	nim.	WSW	6	c-cum.	...	9	c-cum.	...	7.5
,, 29,...	10	nim.	E	10	nim.	E	10	cum-nim.	E	10	nim.	E	9.8
,, 30,...	10	cum.	ESE	10	nim.	E	10	cum.	E	9	cum.	E	9.7
,, 31,...	9	c-cum. / cum.	ESE	9	c-cum. / cum.	ESE	9	cum.	ESE	3	cum.	...	7.5
Means,...	8.2	...	...	8.0	...	...	8.4	...	...	7.8	...	...	7.8

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF AUGUST, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.2	5.5	3.9	2.3	−2.7	+3.3	E 39° S
2 „	1.0	5.2	3.7	2.1	2.7	3.0	E 42° S
3 „	1.6	5.2	3.7	2.1	2.1	3.2	E 33° S
4 „	1.8	5.5	2.9	3.1	1.1	2.4	E 26° S
5 „	1.5	5.4	2.2	3.2	−0.7	2.3	E 17° S
6 „	1.8	5.7	1.4	2.2	+0.5	3.5	E 8° N
7 „	1.8	6.5	1.8	2.8	0.0	3.6	E
8 „	1.6	6.0	2.3	3.1	−0.7	2.8	E 14° S
9 „	1.4	6.2	2.3	3.6	0.9	2.6	E 18° S
10 „	1.1	5.9	2.5	3.8	1.4	2.1	E 33° S
11 „	1.4	6.1	3.0	4.6	1.6	1.5	E 46° S
Noon.	1.2	6.3	3.0	4.4	1.8	1.9	E 44° S
1 p.	1.1	6.9	2.9	4.4	1.8	2.5	E 36° S
2 „	1.3	6.8	3.8	3.8	2.6	3.0	E 40° S
3 „	1.1	6.9	4.3	3.9	3.2	3.0	E 46° S
4 „	1.6	7.5	5.1	2.7	3.5	4.8	E 36° S
5 „	1.3	7.8	4.7	2.3	3.4	5.5	E 32° S
6 „	1.5	6.7	3.6	2.4	2.1	4.3	E 26° S
7 „	1.8	8.1	2.8	1.5	0.9	6.5	E 8° S
8 „	0.9	7.8	2.4	1.4	1.4	6.4	E 12° S
9 „	1.2	7.3	2.8	0.9	1.6	6.4	E 14° S
10 „	1.5	6.5	2.0	0.9	0.5	5.5	E 5° S
11 „	1.4	6.1	3.0	1.5	1.6	4.6	E 19° S
Midt.	1.5	6.1	2.5	1.3	−1.0	+4.7	E 12° S
Means, ...	1.4	6.4	3.0	2.7	−1.62	+3.71	E 24° S

PHENOMENA :—

Solar halo :—on the 9th, 18th and 19th.

Lunar halo :—on the 13th, 15th, 18th, 22nd and 28th.

Lunar corona :—on the 11th, 15th, 16th, 18th, 19th and 24th.

Slight fog :—on the 14th and 28th.

Haze :—on the 11th.

Dew :—on the 1st, 2nd, 3rd, 8th, 9th, 10th, 11th and 21st.

Rainbow :—on the 1st, 15th, 28th and 30th.

Lightning without thunder :—on the 2nd, 3rd, 6th, 10th, 11th, 12th, 13th, 15th, 16th, 17th, 28th and 31st.

Thunder without lightning :—on the 11th, 12th, 14th and 28th.

Thunder and lightning :—on the 8th, 9th, 21st and 27th.

Thunderstorms :—on the 4th, 5.40 p.—6 p., distant, in NW ; on the 7th, 11.40 a.—12.30 p., distant ; on the 22nd, 6 p.—9 p., N-S, nearest at 7.42 p. (3*) ; on the 23rd, 7.30 p.—11 p., distant, in SSW.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF SEPTEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.694	29.683	29.672	29.662	29.663	29.684	29.698	29.708	29.717	29.725	29.717	29.704	29.687	29.671	29.660	29.643	29.645	29.655	29.673	29.699	29.712	29.719	29.720	29.713	29.688
" 2,...	.707	.708	.702	.706	.715	.726	.746	.763	.779	.788	.789	.767	.759	.749	.740	.743	.744	.769	.766	.763	.782	.800	.789	.784	.754
" 3,...	.783	.775	.774	.775	.778	.791	.815	.823	.848	.848	.830	.804	.795	.771	.761	.751	.761	.775	.784	.807	.825	.828	.823	.815	.797
" 4,...	.797	.801	.783	.787	.784	.797	.814	.822	.830	.837	.825	.810	.804	.784	.766	.761	.756	.768	.785	.821	.834	.848	.853	.846	.805
" 5,...	.835	.828	.822	.824	.817	.815	.837	.845	.846	.852	.848	.829	.818	.796	.784	.773	.771	.786	.811	.839	.859	.855	.859	.857	.825
" 6,...	.830	.822	.809	.798	.810	.820	.838	.846	.843	.847	.836	.819	.804	.782	.763	.751	.744	.749	.759	.778	.797	.804	.794	.779	.801
" 7,...	.763	.754	.754	.752	.759	.769	.779	.786	.786	.793	.779	.763	.742	.723	.716	.712	.713	.716	.732	.752	.773	.782	.782	.781	.757
" 8,...	.769	.758	.752	.760	.770	.799	.820	.840	.857	.858	.836	.829	.817	.798	.792	.788	.794	.807	.827	.849	.868	.875	.872	.875	.817
" 9,...	.861	.850	.844	.840	.850	.857	.868	.881	.908	.909	.903	.884	.848	.845	.830	.833	.848	.859	.864	.873	.883	.882	.872	.849	.864
" 10,...	.844	.839	.826	.829	.834	.845	.865	.880	†.894	†.894	.885	.875	.855	.828	.807	.802	.803	.819	.821	.845	.859	.865	.858	.840	.846
" 11,...	.837	.831	.809	.801	.801	.815	.828	.840	.852	.865	.861	.835	.811	.798	.790	.771	.776	.796	.808	.829	.839	.836	.826	.830	.820
" 12,...	.824	.809	.796	.802	.806	.813	.834	.839	.848	.851	.843	.831	.805	.780	.763	.749	.756	.770	.789	.815	.837	.839	.834	.826	.811
" 13,...	.825	.817	.808	.799	.812	.817	.834	.843	.849	.840	.826	.818	.799	.780	.768	.762	.758	.778	.799	.819	.840	.846	.830	.823	.812
" 14,...	.808	.795	.785	.789	.790	.794	.809	.825	.837	.854	.839	.823	.795	.781	.752	.752	.760	.762	.778	.792	.828	.837	.814	.813	.801
" 15,...	.788	.763	.748	.740	.756	.774	.787	.803	.821	.829	.815	.805	.787	.772	.765	.766	.773	.774	.800	.814	.827	.828	.830	.820	.791
" 16,...	.805	.784	.769	.769	.783	.799	.816	.834	.830	.820	.817	.814	.794	.770	.762	.754	.752	.759	.772	.795	.799	.804	.805	.797	.792
" 17,...	.784	.776	.763	.754	.748	.751	.774	.794	.801	.805	.793	.784	.747	.724	.701	.702	.701	.723	.726	.742	.756	.756	.750	.737	.754
" 18,...	.709	.699	.691	.691	.696	.715	.733	.753	.758	.773	.758	.729	.722	.703	.673	.661	.659	.671	.671	.691	.709	.712	.707	.689	.707
" 19,...	.680	.666	.664	.659	.663	.675	.685	.696	.696	.692	.680	.660	.640	.622	.602	.592	.601	.618	.620	.645	.669	.669	.662	.655	.655
" 20,...	.645	.634	.638	.629	.633	.635	.642	.650	.653	.656	.651	.627	.609	.600	.584	.592	.602	.609	.631	.654	.672	.688	.680	.672	.637
" 21,...	.667	.656	.657	.653	.651	.656	.670	.688	.705	.720	.729	.701	.686	.671	.658	.661	.661	.670	.696	.722	.739	.743	.747	.742	.690
" 22,...	.727	.726	.724	.717	.726	.738	.751	.769	.785	.782	.780	.766	.751	.734	.717	.720	.734	.756	.753	.769	.780	.789	.784	.790	.753
" 23,...	.778	.776	.765	.768	.771	.791	.805	.823	.828	.826	†.821	†.802	†.787	†.767	†.756	†.753	†.754	†.759	†.772	†.785	†.807	†.815	†.816	†.815	.789
" 24,...	*.813	*.801	*.792	*.790	*.799	†.823	†.829	†.836	†.841	.835	.815	.794	.755	.736	.731	.724	.726	.747	.756	.761	.771	.777	.780	.780	.784
" 25,...	.768	.770	.762	.751	.754	.767	.774	.788	.788	.787	.775	.746	.714	.695	.686	.685	.680	.683	.703	.724	.729	.725	.732	.735	.738
" 26,...	.725	.719	.725	.735	.742	.750	.766	.784	.781	.781	.776	.737	.715	.699	.691	.690	.691	.708	.726	.741	.752	.755	.748	.746	.737
" 27,...	.741	.726	.736	.742	.762	.772	.790	.808	.813	.810	.794	.778	.762	.749	.737	.738	.747	.752	.761	.779	.804	.808	.810	.810	.772
" 28,...	.793	.789	.780	.787	.803	.812	.838	.848	.872	.874	.866	.844	.822	.799	.798	.812	.814	.818	.842	.853	.879	.882	.880	.878	.833
" 29,...	.864	.860	.841	.832	.851	.861	.868	.884	.895	.902	.894	.875	.849	.827	.816	.820	.816	.841	.852	.870	.884	.885	.876	.870	.860
" 30,...	.860	.849	.841	.838	.849	.868	.883	.897	.903	.908	.907	.882	.851	.833	.824	.826	.837	.851	.870	.896	.911	.906	.900	.893	.870
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.777	29.769	29.761	29.759	29.766	29.778	29.793	29.807	29.815	29.819	29.810	29.791	29.771	29.753	29.740	29.736	29.739	29.752	29.765	29.784	29.801	29.805	29.801	29.795	29.779

* Interpolated. † Approximate reading.

TABLE II.

TEMPERATURE, FOR THE MONTH OF SEPTEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	80.3	80.2	80.1	79.7	79.7	78.8	79.8	81.6	82.4	83.0	84.0	84.5	84.0	83.4	79.7	81.0	81.7	80.4	80.4	80.2	79.9	79.7	79.8	80.7	81.0	84.7	77.7
" 2,	80.5	80.5	80.2	80.1	80.5	80.6	81.1	79.2	81.7	81.2	81.6	82.3	81.7	81.4	78.8	80.4	81.4	79.3	78.5	79.1	79.6	79.4	79.1	78.4	80.3	83.8	78.0
" 3,	78.8	78.4	78.3	78.6	78.3	77.6	80.0	81.4	82.4	81.7	82.8	83.0	84.2	84.0	83.0	83.0	82.1	82.0	81.2	80.8	80.0	80.1	79.9	79.7	80.9	85.0	77.4
" 4,	79.1	79.1	79.6	79.2	79.7	79.7	81.1	82.1	83.7	85.2	84.0	84.7	85.3	85.4	85.0	84.8	84.0	82.5	80.0	80.2	80.4	79.6	79.2	78.8	81.8	85.4	78.4
" 5,	78.8	79.2	79.3	79.8	80.0	80.0	82.3	83.3	84.1	84.8	85.7	85.4	85.8	85.4	84.9	84.0	83.9	82.1	81.6	81.0	80.5	80.5	79.6	79.7	82.2	86.0	78.4
" 6,	79.4	79.4	79.6	79.1	78.8	79.0	81.1	82.8	84.0	86.2	86.9	86.7	86.8	85.9	86.0	86.4	84.7	83.0	82.0	81.6	81.7	82.1	80.3	80.7	82.7	88.8	77.8
" 7,	79.7	79.4	79.2	79.2	78.8	79.6	80.3	82.7	83.7	82.7	81.9	83.9	83.0	83.0	83.4	81.7	81.4	80.9	80.8	80.6	80.7	80.9	80.6	80.6	81.2	85.3	78.6
" 8,	81.0	80.5	78.3	77.8	78.1	77.0	76.7	77.5	79.5	80.5	82.0	82.3	82.1	82.4	81.7	81.9	81.0	80.7	80.6	81.0	80.6	80.5	80.5	80.5	80.2	82.4	76.1
" 9,	80.6	80.3	80.0	79.5	79.1	78.7	79.7	80.9	81.7	81.7	81.4	81.8	81.9	81.9	82.0	81.4	81.1	80.2	79.7	80.4	79.6	79.7	79.1	79.1	80.5	82.9	78.3
" 10,	78.7	78.5	79.0	78.2	78.4	77.8	78.7	82.0	83.4	83.3	84.3	84.3	83.8	84.6	84.0	83.1	82.2	81.2	80.7	80.7	80.4	80.4	79.6	79.7	81.1	85.5	77.4
" 11,	79.2	78.9	79.4	79.0	78.5	79.0	79.7	82.8	83.2	85.0	79.2	77.3	76.7	77.7	80.2	82.4	81.1	80.1	79.6	79.6	79.1	78.7	79.2	78.1	79.7	86.7	75.7
" 12,	78.4	77.8	78.1	77.1	77.3	77.6	79.9	81.0	82.5	84.4	84.7	81.2	81.7	84.1	84.6	84.3	82.1	80.8	80.4	80.3	79.2	79.1	79.0	78.6	80.6	87.1	76.4
" 13,	78.2	78.3	78.1	78.2	78.4	78.1	78.4	81.6	83.2	82.7	83.1	83.4	82.6	81.8	82.2	82.2	81.3	80.7	80.6	80.9	78.1	78.6	79.6	78.7	80.4	84.7	76.6
" 14,	79.5	80.1	78.6	75.0	75.4	77.3	78.5	79.2	79.7	77.7	78.9	80.6	79.7	80.3	80.9	80.9	80.7	80.7	80.5	80.0	79.8	79.0	79.0	79.2	79.2	81.1	75.0
" 15,	79.8	79.5	79.3	79.2	79.1	78.5	78.7	79.3	78.7	78.7	79.7	79.5	80.1	80.8	80.5	80.7	80.5	80.5	80.3	80.6	80.6	80.5	80.7	80.0	79.8	81.9	78.1
" 16,	79.7	79.4	79.4	79.6	78.7	78.8	79.6	81.0	81.0	81.3	81.8	82.9	82.1	82.2	82.4	82.3	81.7	80.7	80.2	80.1	80.1	79.6	79.7	80.0	80.6	82.9	78.7
" 17,	79.9	80.1	79.9	79.7	79.5	79.6	81.3	82.3	83.2	83.2	84.3	84.7	84.6	84.9	85.4	84.8	83.3	82.1	81.9	81.5	81.1	82.0	82.0	81.6	82.2	85.7	79.5
" 18,	81.6	81.2	81.0	80.6	80.9	80.6	82.0	82.8	83.0	82.7	82.5	85.2	84.8	85.2	84.9	83.8	83.1	81.9	81.7	81.6	80.6	80.6	80.2	80.1	82.2	85.5	79.9
" 19,	80.0	79.4	79.6	79.8	80.2	80.1	82.2	84.6	84.7	86.7	86.0	86.0	85.1	85.2	84.8	85.0	83.8	82.7	82.1	82.0	81.7	81.7	81.3	80.9	82.7	87.5	79.2
" 20,	81.0	81.0	80.1	79.3	79.5	79.9	82.0	83.1	84.7	86.3	86.0	87.3	86.3	85.7	85.6	85.2	83.0	82.3	82.4	81.6	80.9	79.2	79.1	78.8	82.5	89.8	78.1
" 21,	79.2	78.7	78.7	77.8	77.4	77.7	79.6	78.9	79.7	80.1	80.4	80.6	79.7	80.8	80.9	81.2	80.2	79.7	78.2	77.8	78.3	77.5	77.7	75.9	79.0	82.7	75.9
" 22,	75.5	75.5	75.2	75.9	76.6	77.0	77.9	79.9	81.3	82.7	82.8	81.8	80.2	79.8	82.7	81.6	80.1	78.2	77.7	77.8	77.3	77.6	77.1	77.0	78.7	84.1	75.2
" 23,	76.0	75.8	75.7	75.6	75.8	76.3	77.2	79.0	80.4	82.2	82.1	82.7	81.8	81.6	81.7	79.9	79.5	78.7	78.4	78.2	77.7	77.3	77.1	76.4	78.6	83.0	75.0
" 24,	76.4	76.3	77.1	76.5	76.9	74.8	75.8	78.8	79.2	81.8	81.6	81.3	81.0	81.1	81.1	80.6	79.7	78.9	78.1	78.2	78.0	78.0	76.1	75.6	78.5	83.3	73.8
" 25,	75.1	75.1	75.3	75.6	75.1	74.9	77.7	78.9	81.7	80.7	82.2	84.5	82.8	83.5	81.2	82.0	80.0	79.0	78.9	78.4	78.2	78.0	77.8	77.8	78.9	85.5	74.3
" 26,	77.4	76.8	77.3	76.9	76.9	76.7	77.7	78.8	81.0	84.0	84.8	84.7	85.2	84.0	85.0	85.0	83.8	82.5	81.6	81.4	80.6	80.9	80.3	79.7	81.0	86.7	76.2
" 27,	79.6	79.4	79.8	79.7	78.8	78.9	79.2	80.4	83.0	84.8	85.0	85.7	86.7	85.1	85.2	83.9	83.8	81.7	82.7	82.4	82.7	82.0	81.2	81.5	82.2	88.9	77.4
" 28,	80.0	79.2	78.7	78.2	77.4	76.7	77.2	78.3	77.3	78.8	80.7	81.7	82.1	79.7	80.2	77.4	77.0	76.1	74.2	73.2	73.0	72.8	72.6	72.3	77.3	83.0	71.6
" 29,	72.5	72.7	73.2	73.0	73.1	73.2	73.7	75.0	75.7	75.9	77.7	78.2	78.5	80.7	80.3	79.8	76.7	76.2	75.8	76.3	76.4	76.2	76.3	76.8	76.0	82.7	71.6
" 30,	76.1	75.8	75.3	74.8	74.4	73.7	74.7	75.3	76.7	78.2	79.2	80.7	82.1	82.7	82.3	82.0	80.7	79.1	78.1	78.7	78.2	77.3	76.2	75.1	77.8	83.7	73.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	78.7	78.5	78.4	78.1	78.0	77.9	79.1	80.5	81.5	82.3	82.6	83.0	82.7	82.8	82.7	82.4	81.5	80.5	80.0	79.9	79.5	79.3	79.0	78.7	80.3	84.9	76.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF SEPTEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	77.0	76.9	77.0	76.9	76.8	77.0	76.9	77.0	77.5	77.3	77.7	77.7	78.0	77.1	77.6	77.2	78.4	77.7	77.6	77.8	78.0	78.4	78.6	78.7	77.5	146.5
„ 2, ...	78.6	78.5	77.8	77.8	77.4	77.6	77.7	76.7	78.8	78.6	78.7	78.4	79.2	79.6	76.7	78.0	78.8	77.5	77.4	77.0	76.8	77.0	77.0	77.0	77.9	135.6
„ 3, ...	76.8	76.7	77.0	77.2	76.7	76.4	77.0	77.3	77.5	77.7	77.5	77.1	78.4	78.1	78.1	78.0	77.6	77.1	78.2	77.7	77.9	77.4	77.0	76.9	77.4	141.9
„ 4, ...	76.7	75.9	76.4	76.5	76.8	76.7	77.1	77.4	77.5	78.5	76.0	77.6	78.3	77.3	77.1	77.0	77.1	77.1	77.0	76.1	77.0	76.7	76.9	76.7	77.0	146.1
„ 5, ...	76.7	76.7	76.7	76.4	75.8	76.5	76.3	77.1	76.8	76.0	76.2	76.2	76.0	77.7	77.7	78.0	78.0	77.9	77.9	77.2	77.4	77.8	77.7	77.8	77.0	137.9
„ 6, ...	77.8	77.7	78.0	78.2	78.0	77.3	78.0	77.5	78.1	77.6	78.8	78.4	78.6	77.4	77.3	78.2	78.7	76.6	76.4	77.0	77.0	77.0	76.8	75.0	77.6	142.0
„ 7, ...	76.8	76.8	77.1	76.7	76.9	77.7	77.4	78.4	77.9	77.7	76.9	78.0	77.8	77.8	77.8	76.9	77.0	76.8	76.6	76.4	76.8	76.5	77.1	76.7	77.2	155.2
„ 8, ...	76.7	76.0	75.2	75.5	75.2	75.8	75.5	75.9	76.0	76.0	76.0	76.1	75.9	76.3	76.0	76.2	76.6	76.0	76.3	76.2	75.6	75.7	75.1	74.7	75.9	145.7
„ 9, ...	74.9	74.7	74.7	74.5	74.2	74.7	74.8	74.8	75.9	75.4	75.3	75.1	74.9	73.8	74.8	74.4	74.9	74.7	74.6	74.8	74.8	75.0	74.6	74.6	74.8	138.5
„ 10, ...	74.4	73.9	74.6	74.2	74.1	74.2	74.8	74.9	76.4	75.7	75.0	75.3	76.0	76.0	75.9	76.8	76.8	76.5	76.7	76.6	76.1	76.0	76.5	76.7	75.6	141.6
„ 11, ...	76.6	76.7	76.8	76.7	76.6	76.6	76.9	78.2	77.8	78.3	76.4	75.3	74.7	75.8	77.2	78.0	77.1	77.1	77.0	77.1	77.1	77.0	77.0	76.5	76.9	137.3
„ 12, ...	76.5	75.7	75.6	74.5	74.8	75.7	76.0	76.0	76.2	77.1	78.0	76.2	77.7	77.3	76.0	76.1	76.5	75.9	76.2	76.4	76.3	76.2	76.2	76.1	76.2	145.0
„ 13, ...	76.0	76.2	76.4	75.6	75.8	76.2	75.7	77.4	77.5	77.3	77.0	77.8	76.9	76.8	77.2	76.4	75.9	76.0	76.0	76.2	77.2	76.2	76.6	75.5	76.5	148.9
„ 14, ...	76.3	76.2	75.2	73.8	74.6	75.7	75.9	75.2	75.5	75.7	76.0	76.2	75.8	75.2	75.7	75.6	75.2	75.3	75.8	74.4	75.0	76.9	75.0	75.0	75.5	110.0
„ 15, ...	75.3	75.2	75.0	74.2	74.4	74.4	74.5	74.7	74.5	74.2	74.0	73.7	74.6	75.2	75.3	75.0	75.7	75.7	75.4	75.8	75.4	75.0	75.8	75.6	74.9	120.8
„ 16, ...	75.5	75.3	74.6	74.3	73.9	73.4	72.7	73.4	73.0	72.2	72.1	74.0	74.0	74.1	73.3	73.8	74.1	74.8	75.1	75.3	75.0	75.6	75.7	76.1	74.2	135.4
„ 17, ...	75.9	75.7	74.9	74.7	74.5	74.4	74.7	74.2	73.9	74.5	74.7	75.4	75.6	75.9	76.9	76.2	77.1	78.2	77.3	77.3	77.7	77.4	77.3	77.6	75.9	138.3
„ 18, ...	77.7	77.5	77.2	77.0	76.9	76.7	77.0	76.9	77.0	76.9	77.1	76.6	76.7	76.2	76.7	77.0	76.7	77.7	76.2	76.6	77.0	76.8	77.0	77.2	76.9	145.8
„ 19, ...	77.3	77.0	77.2	77.6	77.0	76.9	77.1	78.1	77.7	78.7	78.5	77.8	77.0	77.0	77.8	78.0	77.7	77.7	76.8	76.6	77.2	76.8	77.4	76.8	77.4	143.9
„ 20, ...	77.6	77.6	76.9	76.2	76.8	76.5	76.7	76.0	76.0	77.2	76.9	77.3	77.8	78.7	78.7	78.2	78.1	76.9	77.2	77.5	77.7	76.7	74.6	75.8	77.1	146.5
„ 21, ...	76.1	76.3	75.6	75.0	74.9	72.9	73.8	74.7	74.5	75.2	72.7	72.8	72.9	73.1	73.2	74.9	74.2	73.2	73.6	73.5	73.7	74.7	74.5	74.3	74.2	136.0
„ 22, ...	74.2	74.3	73.9	73.7	70.7	70.0	70.5	72.0	72.4	74.0	75.1	74.5	73.9	72.6	74.4	74.7	73.7	73.7	73.7	73.7	74.3	74.1	73.6	74.2	73.4	143.9
„ 23, ...	73.5	73.4	73.5	73.1	73.3	72.7	73.0	73.4	73.7	72.0	72.3	74.0	73.7	73.2	73.0	72.4	71.9	71.4	71.2	71.1	71.2	71.3	71.4	71.7	72.6	144.8
„ 24, ...	72.4	72.5	72.5	72.4	72.3	72.4	73.0	72.7	72.3	73.0	73.2	72.1	71.8	71.8	71.5	71.2	70.7	70.0	69.8	70.3	70.3	70.1	70.8	71.3	71.7	141.1
„ 25, ...	71.1	71.3	71.4	71.6	71.4	71.5	72.7	73.0	73.0	71.7	73.4	73.2	74.4	74.5	74.5	74.5	74.5	73.5	73.8	73.3	74.1	74.1	74.0	73.8	73.1	140.9
„ 26, ...	74.0	73.9	73.9	74.0	74.0	73.7	74.7	74.8	74.6	76.0	76.0	76.7	76.4	75.3	77.0	77.0	76.2	74.7	74.9	74.3	74.4	74.0	75.0	74.2	75.0	143.9
„ 27, ...	72.3	69.7	69.1	68.8	68.2	68.0	67.1	67.9	67.1	69.3	69.1	70.7	71.7	70.0	70.7	71.0	69.7	69.4	68.3	68.1	67.6	67.2	66.9	66.7	68.9	160.1
„ 28, ...	66.8	66.1	65.5	65.2	65.3	65.1	65.7	66.6	66.0	66.3	67.7	68.0	68.7	67.6	68.2	67.9	67.7	68.3	67.8	66.9	67.1	67.0	66.5	66.0	66.8	151.6
„ 29, ...	66.0	66.1	66.0	66.1	66.0	65.7	66.4	67.0	66.8	65.8	67.3	68.2	68.7	69.2	69.0	70.1	71.3	71.2	71.6	71.2	70.3	68.6	63.1	62.0	67.7	147.5
„ 30, ...	61.8	61.4	61.6	61.3	61.2	60.7	61.2	61.9	62.6	63.2	64.0	66.7	66.1	66.7	66.1	65.5	64.8	65.0	64.2	64.0	63.3	61.5	60.5	60.1	63.1	136.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	74.6	74.4	74.2	74.0	73.8	73.8	74.0	74.4	74.5	74.6	74.7	74.9	75.1	74.9	75.0	75.1	75.1	74.8	74.7	74.5	74.6	74.5	74.2	74.0	74.5	141.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF SEPTEMBER, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	82	0.809	Sept. 1,.....	85	0.897
2 „	82	.803	„ 2,.....	89	.925
3 „	81	.796	„ 3,.....	85	.894
4 „	82	.792	„ 4,.....	80	.864
5 „	81	.784	„ 5,.....	78	.859
6 „	82	.785	„ 6,.....	79	.879
7 „	78	.779	„ 7,.....	83	.881
8 „	74	.776	„ 8,.....	81	.838
9 „	71	.767	„ 9,.....	75	.787
10 „	68	.761	„ 10,.....	77	.813
11 „	67	.761	„ 11,.....	88	.889
Noon.	67	.764	„ 12,.....	80	.845
1 p.	69	.776	„ 13,.....	83	.861
2 „	67	.766	„ 14,.....	83	.834
3 „	68	.772	„ 15,.....	78	.800
4 „	70	.780	„ 16,.....	72	.760
5 „	73	.792	„ 17,.....	74	.811
6 „	75	.793	„ 18,.....	78	.855
7 „	77	.795	„ 19,.....	78	.870
8 „	76	.788	„ 20,.....	77	.860
9 „	78	.798	„ 21,.....	79	.782
10 „	79	.796	„ 22,.....	77	.753
11 „	79	.788	„ 23,.....	74	.722
Midt.	79	.784	„ 24,.....	71	.687
			„ 25,.....	75	.738
			„ 26,.....	74	.789
			„ 27,.....	48	.529
			„ 28,.....	55	.518
			„ 29,.....	63	.568
			„ 30,.....	40	.383
			.....	...	...
Means,.....	75	0.783	Means,.....	75	0.783

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.
1899.														
Sept. 1,.....	...	0.4	0.6	0.7	0.7	1.0	0.8	1.0	0.4	...	0.2	0.1	...	5.9
„ 2,.....	...	...	...	...	...	0.2	0.7	0.1	...	...	0.2	0.1	...	1.3
„ 3,.....	...	0.7	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.4
„ 4,.....	...	0.8	1.0	0.8	0.9	...	0.9	1.0	1.0	1.0	1.0	0.8	...	9.2
„ 5,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	11.2
„ 6,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	...	10.1
„ 7,.....	...	...	0.8	0.7	0.6	0.6	0.9	0.8	...	0.2	...	...	...	4.6
„ 8,.....	...	...	...	...	...	1.0	1.0	1.0	1.0	0.9	1.0	0.1	...	6.0
„ 9,.....	...	0.2	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.7	...	9.7
„ 10,.....	...	0.4	0.9	0.7	0.5	0.9	1.0	1.0	1.0	1.0	0.9	0.3	...	8.6
„ 11,.....	...	0.2	0.6	0.8	0.5	...	...	...	0.1	0.7	0.4	...	...	3.3
„ 12,.....	...	0.8	1.0	1.0	1.0	0.8	...	0.4	1.0	1.0	0.8	0.1	...	7.9
„ 13,.....	...	...	0.8	0.8	0.1	0.9	0.9	0.5	...	0.2	0.7	0.1	...	5.0
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	0.1	...	...	...	...	0.1
„ 16,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.8
„ 17,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.7
„ 18,.....	...	0.8	1.0	1.0	0.8	0.4	1.0	1.0	1.0	1.0	1.0	0.9	...	9.9
„ 19,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	10.0
„ 20,.....	...	0.6	1.0	1.0	1.0	0.9	0.8	0.8	1.0	0.9	0.6	0.1	...	8.7
„ 21,.....	...	0.7	0.3	0.3	...	...	0.1	...	0.2	0.2	0.8	0.4	...	3.0
„ 22,.....	...	0.9	1.0	1.0	1.0	1.0	0.6	0.1	0.2	0.9	0.9	0.1	...	7.7
„ 23,.....	...	...	0.4	0.7	0.9	1.0	1.0	1.0	0.8	0.4	0.8	...	...	7.0
„ 24,.....	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.5
„ 25,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.3	0.7	...	...	8.3
„ 26,.....	...	...	...	0.6	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.5	...	7.7
„ 27,.....	...	0.2	0.6	1.0	1.0	1.0	1.0	0.9	0.5	0.1	...	...	...	6.3
„ 28,.....	...	0.1	0.3	...	...	0.8	0.4	0.6	0.4	0.5	...	...	...	3.1
„ 29,.....	...	...	0.2	...	...	...	...	0.2	0.8	0.3	0.3	0.2	...	2.0
„ 30,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	10.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	0.2	12.4	20.3	21.1	19.5	21.4	22.1	21.2	20.4	19.6	20.1	9.9	...	208.2

TABLE VI.

RAINFALL, FOR THE MONTH OF SEPTEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	...	...	...	...	...	0.060	...	...	...	...	...	...	...	...	0.015	...	...	...	...	...	0.060	0.040	...	...	0.175	3
" 2,	...	...	0.020	...	...	0.005	...	0.020	...	...	0.005	...	...	0.095	0.010	...	...	0.010	...	...	...	...	...	...	0.165	2
" 3,	...	...	...	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	0.015	...	...	0.060	0.120	0.165	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.370	3
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	..	...	...	...	0.060	1.210	0.020	0.060	0.010	...	...	...	0.005	...	...	...	...	...	...	1.365	2
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	0.010	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	0.025	0.010	0.090	0.165	2
" 14,	0.020	0.215	1.600	0.800	0.185	0.180	0.040	0.010	0.395	0.185	...	...	0.015	...	...	...	...	...	...	...	0.020	0.105	0.010	...	3.780	12
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.095	...	0.100	1
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	...	...	...	...	...	...	0.035	...
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	0.110	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.110	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.020	0.215	1.635	0.800	0.215	0.415	0.160	0.195	0.405	0.250	1.215	0.020	0.075	0.105	0.035	...	...	0.050	...	...	0.120	0.170	0.115	0.090	6.305	25

The daily duration of rain is entered from estimation.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF SEPTEMBER, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		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	7	13	7	12	5	13	7	15	7	18	9	15	6	15	7	19	7	22	7	19	8	21	8	23	7	25	8	27	8	23	7	21	7	21	7	19	7	26	7	21	7	20	7	19	8	19	9	22	468	19.5	7
" 2	9	15	10	16	10	15	13	10	13	9	12	8	11	10	15	7	15	3	9	6	13	5	23	5	19	5	28	6	3	5	...	0	3	2	30	4	31	6	10	14	10	12	7	7	7	2	...	1	173	7.2	10
" 3	...	1	...	0	...	0	..	1	7	3	...	0	12	2	9	10	9	18	11	11	9	14	9	14	10	14	10	16	10	15	9	15	9	12	9	7	8	9	8	8	8	6	7	7	7	7	8	6	196	8.2	9
" 4	9	8	6	9	5	9	5	6	5	8	5	6	5	8	5	9	7	12	7	12	7	17	9	15	9	15	9	14	9	13	9	11	10	11	11	12	10	9	8	7	8	3	...	0	...	1	...	0	215	9.0	8
" 5	...	1	8	5	5	5	5	5	6	9	8	7	5	5	8	12	8	15	8	16	8	15	8	15	9	12	10	16	10	16	10	13	10	12	9	9	6	7	10	6	10	2	...	1	...	0	10	2	206	8.6	8
" 6	...	0	...	0	...	0	...	1	...	0	...	0	...	0	...	1	10	4	10	3	10	6	9	10	9	12	9	11	9	7	14	5	10	4	13	3	13	6	14	5	14	2	14	2	...	1	...	0	83	3.5	10
" 7	14	2	...	0	...	0	...	0	...	1	14	3	14	6	9	12	9	8	9	15	9	15	9	14	10	14	9	17	9	14	10	15	10	15	10	15	9	10	9	5	9	13	8	19	9	15	10	14	242	10.1	9
" 8	11	8	5	12	5	9	7	6	10	15	7	13	8	18	11	16	6	16	7	22	8	20	7	24	7	21	7	23	8	20	9	23	9	22	9	19	9	20	8	19	7	18	7	21	8	18	8	21	433	18.0	8
" 9	7	18	7	20	7	20	7	21	6	16	6	16	6	18	7	24	7	22	7	24	7	22	7	22	8	20	8	18	11	20	10	15	10	16	11	12	8	9	10	6	8	10	6	9	4	12	6	14	404	16.8	7
" 10	7	9	7	11	7	7	7	5	5	5	5	2	6	3	4	5	5	7	10	8	10	7	10	11	9	10	9	8	9	10	9	8	11	7	12	6	11	4	10	5	10	3	10	2	...	1	...	1	145	6.0	8
" 11	...	0	...	1	12	2	...	0	...	1	...	0	...	0	...	1	7	3	14	3	18	10	5	5	7	3	6	2	...	1	7	2	31	3	24	5	...	0	...	1	...	1	...	0	...	0	...	1	45	1.9	11
" 12	...	1	24	2	...	1	26	2	...	0	...	1	...	1	...	1	26	2	26	3	11	9	7	7	6	5	10	5	10	6	10	10	9	11	4	5	...	1	6	2	...	0	12	5	12	4	12	2	86	3.6	9
" 13	...	0	...	1	...	0	9	7	8	6	9	8	10	7	10	9	9	12	8	17	8	21	10	23	7	16	7	17	9	20	9	20	9	20	8	17	8	14	9	11	3	14	9	6	7	14	3	14	294	12.3	8
" 14	6	17	4	13	12	28	5	7	30	7	7	14	7	22	7	22	7	22	7	19	7	17	6	20	6	18	7	17	8	24	7	26	8	24	7	21	7	22	7	23	7	20	8	25	7	26	7	25	479	20.0	7
" 15	7	26	8	25	7	28	7	34	7	30	7	25	6	24	6	23	5	14	5	14	6	16	6	16	8	16	7	13	7	14	7	21	7	18	7	18	8	22	7	26	7	26	7	30	7	26	7	19	524	21.8	7
" 16	7	23	7	21	7	17	6	24	7	21	6	17	6	17	7	20	8	28	7	30	7	31	7	25	7	25	7	24	7	20	7	20	7	18	6	17	7	17	5	12	5	14	7	18	7	21	7	21	501	20.9	7
" 17	7	22	6	15	6	14	7	18	7	20	8	21	8	23	7	27	9	30	7	31	7	34	7	25	8	19	9	16	10	12	11	18	9	18	10	17	7	18	7	21	7	19	8	23	7	25	6	26	512	21.3	8
" 18	7	26	7	26	7	24	7	24	7	21	7	20	7	22	8	23	8	25	8	27	8	30	8	23	7	23	8	22	9	21	10	22	9	14	10	11	6	8	7	5	9	6	8	7	8	5	8	7	442	18.4	8
" 19	8	7	8	2	8	3	8	2	8	6	6	2	6	6	6	7	8	11	9	12	10	16	10	16	10	16	10	17	10	17	10	16	10	14	9	12	8	8	8	4	11	5	10	8	10	6	10	6	219	9.1	9
" 20	9	6	7	7	8	2	8	2	...	0	...	1	2	7	1	14	1	10	4	4	2	8	2	10	10	9	9	13	9	13	10	10	9	8	9	11	10	10	10	6	10	9	9	11	9	8	9	11	190	7.9	7
" 21	6	11	7	10	7	6	7	13	6	11	2	8	3	6	7	11	4	10	8	13	7	15	5	11	7	12	9	9	9	8	9	4	...	1	9	6	4	3	4	2	4	4	8	12	9	10	...	1	197	8.2	7
" 22	...	0	7	2	7	2	...	1	4	7	6	6	3	7	2	5	6	12	8	9	10	12	11	11	9	14	9	15	12	9	9	7	10	5	13	5	15	4	7	7	10	4	9	8	9	4	10	4	160	6.7	9
" 23	...	1	...	0	...	1	...	1	...	0	...	1	3	2	2	7	2	8	6	10	9	13	10	12	10	17	11	19	11	14	10	13	11	10	11	9	11	8	11	7	11	4	11	3	...	0	...	1	161	6.7	10
" 24	...	0	11	3	...	1	11	5	12	3	13	2	4	3	3	10	4	9	10	11	11	14	10	17	9	18	10	18	10	18	11	12	10	11	10	7	13	6	11	9	10	4	10	2	10	1	10	2	186	7.7	10
" 25	10	0	...	0	...	1	11	3	...	0	...	1	...	1	11	2	11	4	13	3	23	5	21	5	10	6	15	7	16	9	16	6	15	6	15	3	16	3	...	1	...	0	17	3	...	1	13	3	73	3.0	15
" 26	13	2	13	2	11	5	8	2	...	1	8	2	...	0	8	3	11	4	11	5	11	3	10	8	10	8	10	5	24	8	23	7	23	5	23	7	23	6	...	1	23	3	23	4	23	5	25	4	100	4.2	17
" 27	29	3	30	3	32	9	2	12	32	5	5	5	1	7	32	2	1	8	1	15	32	16	32	14	1	14	32	14	32	7	1	10	32	3	30	4	2	10	2	18	2	25	2	26	1	23	1	22	275	11.5	1
" 28	1	13	32	17	32	18	1	15	32	11	32	17	1	18	1	26	32	22	32	22	1	26	1	21	1	20	32	21	1	16	1	19	1	13	1	10	1	12	2	17	2	9	3	15	1	20	2	19	417	17.4	1
" 29	1	18	1	14	2	17	1	14	2	12	3	12	1	11	1	11	2	16	2	14	3	11	30	11	31	9	3	10	1	9	7	10	10	15	10	16	9	14	8	12	7	6	1	8	1	13	2	14	297	12.4	3
" 30	1	18	1	20	1	18	3	19	2	20	3	19	1	25	1	24	1	24	2	21	3	14	1	11	1	6	32	10	32	12	2	13	1	11	1	7	32	9	32	15	1	24	2	22	1	22	1	22	406	16.9	1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums	...	269	...	269	...	275	...	275	...	266	...	252	...	294	...	363	...	401	...	419	...	472	...	444	...	422	...	430	...	401	...	392	...	350	...	314	...	301	...	296	...	286	...	323	...	310	...	305	8129	338.7	...
Means	...	9.0	...	9.	...	9.2	...	9.2	...	8.9	...	8.1	...	9.8	...	12.1	...	13.4	...	14.0	...	15.7	...	14.8	...	14.1	...	14.3	...	13.4	...	13.1	...	11.7	...	10.5	...	10.0	...	9.9	...	9.5	...	10.8	...	10.3	...	10.2	271.0	11.3	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1899.												
Sept. 1, ...	8	cum.	E	10	str-cum.	E	9	c-cum. / cum.	E	8	sm-cum. / cum.	E
„ 2, ...	8	cum.	E	9	cum.	E	9	c-cum. / cum.	SSE	9	c-cum. / R-cum.	S
„ 3, ...	9	nim.	...	10	nim.	...	8	c-cum. / sm-cum.	...	7	c-cum. / cum.	ESE
„ 4, ...	0	...	...	1	sm-cum.	...	5	c-cum. / cum.	E	7	sm-cum. / cum.	E
„ 5, ...	0	...	...	2	c-cum.	...	1	cum.	E	1	c-cum. / cum.	E
„ 6, ...	3	cum.	...	0	...	...	6	c-cum. / cum.	...	2	cum.	ENE
„ 7, ...	8	c-cum.	...	9	cum.	...	9	c-cum. / str-cum.	E	9	c-cum. / nim.	E
„ 8, ...	10	str-cum.	ENE	10	nim.	...	10	nim.	E	10	cum.	E
„ 9, ...	9	cum.	E	2	c-cum.	...	7	c-cum. / cum.	ESE	8	cum.	E
„ 10, ...	0	...	...	0	...	...	2	sm-cum.	N	8	sm-cum. / cum.	N / ..
„ 11, ...	8	cum.	...	5	sm-cum.	...	2	cum.	...	10	sm-cum. / R-cum.	SW
„ 12, ...	0	...	...	1	cum.	...	2	sm-cum.	...	6	c-cum. / cum.	W
„ 13, ...	0	...	...	9	cum.	ENE	5	sm-cum. / cum.	E	8	sm-cum. / cum.	W / E
„ 14, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	nim.	E
„ 15, ...	10	nim.	...	10	cum-nim.	E	10	cum-nim.	ENE	10	cum-nim.	ENE
„ 16, ...	10	str-cum.	E	7	cum.	E	1	cum.	ENE	1	c-cum.	...
„ 17, ...	6	cum.	ENE	2	c-cum. / cum.	ENE	1	cum.	...	2	cum.	ENE
„ 18, ...	9	cum.	E	3	cum.	E	2	cum.	E	9	sm-cum. / cum.	E
„ 19, ...	6	sm-cum. / cum.	E	9	cum.	E	3	sm-cum. / cum.	ENE	1	cum.	ENE
„ 20, ...	1	c-cum.	NE	6	sm-cum.	NE	5	sm-cum.	ENE	6	cum.	ENE
„ 21, ...	9	c-cum. / cum.	NE	10	nim.	NNE	2	cum.	NE	10	nim.	NNE
„ 22, ...	6	cum.	NE	8	cum.	NE	1	cum.	...	1	cum.	E
„ 23, ...	0	...	...	0	...	...	2	cum.	ENE	2	cum.	ENE
„ 24, ...	0	...	...	10	nim.	...	8	c-cum. / cum.	E	7	cum.	E
„ 25, ...	2	c-cum.	...	0	...	...	0	...	...	2	cum.	NE
„ 26, ...	0	...	...	5	sm-cum.	...	9	sm-cum. / cum.	...	4	c-cum. / sm-cum. / cum.	NE
„ 27, ...	0	...	...	2	c-cum.	...	1	c-str.	E	1	c-cum.	...
„ 28, ...	9	cum.	...	9	cum.	...	10	sm-cum.	...	9	sm-cum.	N
„ 29, ...	9	c-cum. / sm-cum.	N	9	sm-cum.	NNE	9	sm-cum. / cum.	...	10	str.	...
„ 30, ...	9	cum.	...	5	sm-cum.	NNE	0	...	...	1	c-str.	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	5.3	...	...	5.8	...	...	5.0	...	...	6.0	...	...

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	
1899.													
Sept. 1,...	9	c-cum. / cum.	E	9	c-cum. / cum.	E / E	9	cum.	E	10	nim.	...	9.0
„ 2,...	8	c-cum. / cum.	SSE	9	c-str. / cum.	S	9	c-cum. / cum.	S	5	cum.	SSE	8.3
„ 3,...	5	c-cum. / cum.	E	5	c-cum. / cum.	S / E	1	cum.	...	0	...	...	5.6
„ 4,...	3	c-cum. / cum.	E	3	c-cum. / cum.	...	2	c-cum.	...	0	...	...	2.6
„ 5,...	1	c-cum. / cum.	E	1	c-cum.	...	2	c-cum.	...	0	...	...	1.0
„ 6,...	2	c-cum. / cum.	NNE / ..	4	c-cum. / cum.	...	9	c-cum.	...	3	cum.	...	3.6
„ 7,...	9	c-cum. / cum.	...	10	c-cum. / cum.	...	4	c-cum.	...	4	cum.	...	7.7
„ 8,...	7	cum.	E	7	cum.	E	9	cum.	E	9	cum.	E	9.0
„ 9,...	2	cum.	E	2	c-cum. / cum.	E	1	c-cum.	...	7	c-cum.	...	4.8
„ 10,...	6	cum.	E	9	c-cum. / cum.	N / SE	9	c-cum.	...	9	c-cum. / cum.	...	5.4
„ 11,...	10	nim.	...	10	c-cum. / cum.	...	10	c-str. / cum.	W	2	c-cum.	...	7.1
„ 12,...	7	c-cum. / cum.	NW / ..	8	c-cum. / cum.	NW / ..	10	cum.	W	7	c-str.	W	5.1
„ 13,...	10	sm-cum. / cum.	E	8	c-str. / c-cum. / cum.	.. / WNW / E	10	sm-cum. / cum.	E	10	nim.	E	7.5
„ 14,...	10	nim.	E	10	sm-cum. / nim.	E	10	cum.	E	10	nim.	E	10.0
„ 15,...	10	cum.	ENE	10	sm-cum. / cum.	ENE	10	c-cum. / cum.	E / ENE	10	cum.	ENE	10.0
„ 16,...	1	c-cum.	...	1	c-cum.	...	7	c-cum. / cum.	ENE	0	...	...	3.5
„ 17,...	2	c-cum. / cum.	ENE	2	c-cum. / cum.	E	2	c-cum. / cum.	E	2	c-str. / c-cum.	ESE	2.4
„ 18,...	1	sm-cum. / cum.	ESE / ..	1	sm-cum.	...	1	c-cum.	...	1	cum.	...	3.4
„ 19,...	1	cum.	...	1	sm-cum.	...	10	c-str. / cum.	ENE	6	c-cum. / cum.	NE / ENE	4.6
„ 20,...	6	cum.	NE	6	cum.	NNE	10	c-cum. / cum.	NNE	9	c-cum. / cum.	NNE	6.1
„ 21,...	9	str-cum.	NNE	8	sm-cum / nim.	NE	9	cum.	NNE	8	sm-cum. / cum.	N / NNE	8.1
„ 22,...	9	cum.	...	9	cum.	N	3	c-cum.	...	0	...	...	4.6
„ 23,...	2	cum.	N	2	cum.	N	0	...	...	0	...	...	1.0
„ 24,...	1	cum.	...	1	cum.	...	0	...	...	0	...	...	3.4
„ 25,...	6	cum.	N	8	cum.	NNE	0	...	...	0	...	...	2.2
„ 26,...	4	c-str. / cum.	NNE	5	c-str. / cum.	N	3	c-cum.	...	0	...	...	3.7
„ 27,...	9	sm-cum.	...	9	sm-cum. / nim.	...	1	sm-cum.	...	10	str-cum.	...	4.1
„ 28,...	7	c-cum. / sm-cum.	N	9	sm-cum.	N	9	str-cum.	...	2	sm-cum.	NE	8.0
„ 29,...	10	str.	...	9	sm-cum.	...	10	str-cum.	...	3	sm-cum.	...	8.6
„ 30,...	1	c-str.	...	2	c-str.	...	0	...	...	0	...	...	2.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.6	...	...	5.9	...	...	5.7	...	...	4.2	...	...	5.4

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF SEPTEMBER, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.0	7.3	0.5	0.1	+2.5	+7.2	E 19° N
2 „	3.3	6.9	0.3	0.1	3.0	6.8	E 24° N
3 „	3.5	6.7	1.0	0.0	2.5	6.7	E 21° N
4 „	3.5	7.3	0.5	0.1	3.0	7.2	E 23° N
5 „	3.3	6.9	0.5	0.1	2.8	6.8	E 22° N
6 „	2.9	6.8	0.5	0.0	2.4	6.8	E 19° N
7 „	4.3	7.2	0.5	0.0	3.8	7.2	E 28° N
8 „	4.7	9.0	0.8	0.0	3.9	9.0	E 23° N
9 „	4.6	10.4	0.8	0.1	3.8	10.4	E 20° N
10 „	3.9	11.5	0.9	0.1	2.9	11.4	E 14° N
11 „	3.4	13.0	1.8	0.3	1.6	12.7	E 7° N
Noon.	3.6	12.1	1.8	0.4	1.8	11.6	E 9° N
1 p.	2.7	12.3	1.7	0.2	1.0	12.1	E 5° N
2 „	2.5	12.1	2.3	0.1	+0.2	11.9	E 1° N
3 „	1.8	11.0	3.0	0.3	−1.1	10.7	E 6° S
4 „	2.0	11.0	3.0	0.2	1.0	10.8	E 5° S
5 „	1.5	10.1	2.6	0.2	1.1	9.9	E 7° S
6 „	1.6	8.7	2.4	0.5	−0.8	8.1	E 5° S
7 „	2.0	8.1	1.3	0.2	+0.7	7.9	E 5° N
8 „	2.5	8.2	1.0	0.0	1.5	8.2	E 10° N
9 „	3.3	7.6	0.9	0.1	2.5	7.5	E 19° N
10 „	2.9	8.9	0.7	0.2	2.2	8.7	E 14° N
11 „	3.6	7.7	0.5	0.2	3.2	7.6	E 23° N
Midt.	3.9	7.6	0.7	0.1	+3.2	+7.4	E 23° N
Means, ...	3.1	9.1	1.25	0.15	+1.85	+8.95	E 12° N

PHENOMENA :—

Solar halo :—on the 7th and 13th.

Lunar halo :—on the 11th.

Lunar corona :—on the 17th and 19th.

Fog :—on the 7th and 11th.

Haze :—on the 6th and 26th.

Dew :—on the 4th, 5th, 6th, 11th, 12th, 18th, 22nd, 23rd, 25th and 26th.

Rainbow :—on the 21st and 22nd.

Lightning without thunder :—on the 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 12th, 19th and 25th.

Thunder and lightning :—on the 14th.

Thunderstorms :—on the 11th, 10.30 a.—12.30 p., NW–NE, nearest at 11.9 a. (2ˢ); on the 20th, 8.30 p.—10.30 p., NNE–SSW, distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF OCTOBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.874	29.870	29.865	29.872	29.892	29.907	29.921	29.927	29.935	29.934	29.917	29.904	29.870	29.838	29.825	29.823	29.820	29.838	29.863	29.896	29.903	29.905	29.896	29.892	29.883
" 2,...	.866	.871	.845	.849	.863	.889	.897	.913	.919	.908	.896	.862	.830	.810	.794	.795	.803	.818	.838	.861	.871	.864	.865	.853	.857
" 3,...	.842	.837	.822	.819	.824	.843	.857	.870	.881	.874	.851	.819	.784	.768	.762	.759	.761	.769	.784	.809	.818	.814	.807	.797	.815
" 4,...	.782	.769	.753	.752	.754	.756	.769	.776	.783	.798	.782	.759	.744	.721	.712	.709	.723	.731	.738	.758	.767	.767	.755	.740	.754
" 5,...	.734	.725	.728	.726	.734	.746	.759	.767	.768	.786	.763	.744	.715	.690	.687	.697	.710	.724	.741	.765	.787	.790	.792	.792	.745
" 6,...	.790	.786	.778	.782	.790	.805	.816	.840	.840	.832	.823	.793	.766	.744	.753	.764	.776	.796	.824	.844	.863	.864	.864	.871	.809
" 7,...	.867	.857	.855	.854	.863	.877	.896	.913	.924	.931	.926	.923	.914	.919	.921	.926	.927	.933	.977	.993	.996	30.002	.992	.993	.924
" 8,...	.978	.971	.967	.966	.980	.976	.987	30.019	30.026	30.032	30.014	30.004	.976	.955	.946	.943	.951	.964	.973	.990	.998	.002	30.000	.991	.984
" 9,...	.983	.977	.971	.962	.967	.982	30.000	.029	.034	.038	.018	29.996	.991	.956	.955	.959	.967	.982	.989	30.017	30.018	29.997	29.992	.985	.990
" 10,...	.982	.977	.976	.961	.975	.994	.009	.021	.038	.033	.026	30.004	.980	.932	.918	.934	.940	.942	.954	29.970	29.982	.974	.969	.953	.977
" 11,...	.955	.947	.943	.940	.951	.970	29.984	.000	.005	.016	.000	29.969	.943	.919	.912	.929	.929	.925	.941	.957	.956	.951	.943	.944	.955
" 12,...	.935	.931	.933	.923	.929	.954	.972	29.996	29.996	29.995	29.984	.967	.944	.919	.911	.916	.922	.932	.963	.982	.983	.989	.981	.973	.955
" 13,...	.955	.960	.944	.951	.970	.982	30.002	30.024	30.038	30.027	30.010	.994	.972	.947	.929	.927	.932	.946	.956	.977	.989	.982	.968	.967	.973
" 14,...	.954	.940	.931	.921	.931	.947	29.954	29.968	29.979	29.978	29.952	.916	.890	.863	.848	.850	.851	.851	.861	.884	.889	.891	.891	.892	.910
" 15,...	.886	.884	.878	.881	.886	.901	.920	.934	.946	.942	.920	.893	.863	.833	.811	.812	.815	.825	.846	.866	.890	.901	.898	.897	.880
" 16,...	.893	.883	.878	.881	.887	.912	.928	.953	.972	.976	.964	.941	.925	.908	.895	.908	.935	.932	.948	.967	.979	.984	.983	.985	.934
" 17,...	.979	.971	.972	.966	.975	.992	30.003	30.022	30.038	30.039	30.030	30.014	30.002	.976	.957	.963	.967	.979	.994	30.008	30.019	30.028	30.029	30.023	.998
" 18,...	30.011	30.002	30.007	.996	30.008	30.033	.040	.053	.067	.075	.055	.044	.019	.999	.984	.997	.997	.999	30.008	.018	.027	.027	.026	.019	30.021
" 19,...	29.997	29.993	29.978	.973	29.980	29.997	.015	.031	.046	.049	.028	.009	29.979	.959	.939	.939	.939	.935	29.954	29.970	29.983	29.986	29.990	29.984	29.986
" 20,...	.974	.970	.965	.964	.975	.994	.000	.009	.024	.037	.034	.015	.993	.971	.952	.955	.961	.967	.986	30.022	30.039	30.048	30.056	30.064	.999
" 21,...	30.054	30.034	30.024	30.017	30.025	30.023	.041	.056	.067	.070	.057	.031	.994	.967	.947	.942	.944	.944	.965	29.985	29.993	.001	.001	.001	30.008
" 22,...	29.982	29.973	29.962	29.953	29.962	29.975	29.991	.006	.006	.001	29.984	29.960	.937	.915	.898	.897	.899	.900	.910	.927	.935	29.941	29.941	29.933	29.950
" 23,...	.924	.926	.910	.907	.918	.940	.952	29.966	29.972	29.972	.946	.928	.897	.878	.877	.898	.915	.945	.953	.971	.990	30.000	30.003	.995	.941
" 24,...	.989	.989	.978	.982	.999	30.030	30.039	30.040	30.054	30.053	30.034	30.002	.978	.964	.961	.970	.980	.984	30.006	30.027	30.034	.034	.030	30.030	30.008
" 25,...	30.020	30.027	30.025	30.024	30.039	.058	.065	.079	.090	.089	.068	.034	30.007	.983	.977	.976	.986	.989	.011	.026	.035	.043	.042	.025	.030
" 26,...	.022	.029	.035	.040	.044	.058	.065	.074	.085	.079	.060	.043	.019	.993	.984	.998	.991	.990	.018	.028	.044	.056	.048	.039	.035
" 27,...	.019	.011	.000	29.994	.005	.026	.039	.044	.053	.031	.012	29.982	29.965	.944	.929	.928	.947	.967	29.990	.013	.019	.028	.027	.019	.000
" 28,...	.016	29.999	29.992	.996	.001	.017	.030	.039	.056	.054	.027	.998	.973	.954	.954	.967	.983	.995	30.013	.026	.030	.042	.038	.033	.010
" 29,...	.032	30.031	30.027	30.027	.027	.047	.055	.063	.070	.064	.043	30.017	.982	.967	.960	.964	.979	.995	.007	.028	.038	.041	.037	.029	.022
" 30,...	.012	29.999	29.979	29.972	29.981	29.996	.014	.027	.037	.028	.010	29.968	.944	.932	.924	.918	.930	.929	29.944	29.963	29.953	29.965	29.955	29.949	29.972
" 31,...	29.926	.905	.894	.885	.888	.890	29.894	29.912	29.930	29.923	29.899	.875	.849	.833	.818	.825	.836	.852	.877	.890	.895	.912	.908	.911	.884
Means,.....	29.943	29.937	29.930	29.927	29.936	29.952	29.966	29.980	29.990	29.989	29.972	29.949	29.924	29.902	29.892	29.896	29.904	29.912	29.930	29.950	29.959	29.962	29.959	29.954	29.942

TABLE II.

TEMPERATURE, FOR THE MONTH OF OCTOBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	74.6	74.1	73.1	72.2	73.0	72.0	72.9	74.1	75.6	77.8	78.0	80.1	80.1	80.9	81.0	80.1	80.0	77.3	77.4	76.0	75.7	76.2	74.8	73.9	76.3	81.8	71.2
„ 2,	73.1	73.0	73.2	72.7	72.3	71.6	72.8	74.0	75.7	78.2	79.0	80.4	81.6	81.8	83.0	80.0	78.9	77.0	76.5	74.9	74.9	73.9	74.4	74.6	76.1	84.0	71.6
„ 3,	74.1	74.7	74.2	73.7	72.3	73.1	73.4	75.9	76.9	78.3	80.1	81.2	82.8	81.8	81.5	81.1	79.0	76.7	76.0	75.6	75.3	74.5	73.3	74.2	76.7	84.3	71.3
„ 4,	74.1	74.6	75.6	76.1	75.7	74.7	76.3	78.3	79.9	81.2	81.0	80.8	82.9	81.7	80.1	79.2	78.6	77.9	77.3	77.3	77.2	77.2	77.5	77.3	78.0	84.3	74.1
„ 5,	77.6	77.6	77.6	77.4	77.5	76.7	77.5	77.1	79.6	82.0	83.5	83.1	82.7	82.0	82.2	80.4	79.6	77.1	76.4	76.5	76.4	76.4	76.7	76.1	78.7	84.7	75.9
„ 6,	75.7	75.6	75.4	75.3	74.8	73.2	75.5	77.0	79.4	81.2	82.2	83.0	83.5	81.3	79.2	77.7	76.3	76.1	76.1	76.4	76.3	76.1	76.6	76.8	77.5	85.3	73.2
„ 7,	75.9	75.7	75.2	75.0	74.7	73.3	75.0	75.9	76.8	77.5	76.5	72.7	68.0	67.5	67.2	68.4	67.8	66.8	66.5	66.1	66.3	68.5	70.7	71.0	71.6	79.3	66.1
„ 8,	72.9	73.3	73.2	73.1	71.6	72.3	72.8	72.0	73.6	75.3	77.8	77.9	79.0	79.4	78.6	77.7	76.8	75.7	75.0	74.8	75.5	75.6	75.5	75.6	75.2	80.7	71.0
„ 9,	75.5	75.3	75.5	75.7	75.5	75.3	75.6	76.7	76.7	76.9	76.1	75.8	75.7	75.5	74.9	74.7	74.2	73.7	72.2	72.5	74.3	74.6	74.8	74.7	75.1	78.1	71.6
„ 10,	74.9	74.4	74.8	74.6	74.6	73.8	73.4	73.1	71.9	71.3	71.0	71.7	72.7	73.4	73.2	73.3	73.2	73.1	72.7	73.6	73.5	73.9	74.1	74.0	73.3	75.0	70.2
„ 11,	74.0	73.6	73.7	74.2	73.6	73.6	73.8	74.7	76.1	75.3	76.0	75.7	76.2	75.9	76.1	75.5	74.9	74.5	74.6	74.7	74.3	74.2	74.7	74.0	74.7	76.4	73.6
„ 12,	73.9	73.5	73.5	73.8	73.2	73.7	73.7	74.7	75.5	75.3	77.0	76.7	76.7	76.7	76.4	75.4	74.9	74.5	74.2	74.2	74.1	74.3	74.1	73.8	74.7	77.0	72.5
„ 13,	73.7	73.9	73.9	73.8	73.9	73.7	73.6	74.0	75.8	76.4	76.0	76.0	77.8	77.3	77.1	76.4	75.6	74.8	74.5	74.2	74.3	74.5	74.3	74.0	75.0	77.8	72.9
„ 14,	74.1	73.6	73.6	73.4	73.5	73.6	73.8	76.0	77.0	79.6	78.5	78.7	79.3	79.4	79.0	79.0	78.6	76.7	75.2	75.0	74.8	74.7	74.2	73.9	76.0	80.9	73.1
„ 15,	73.8	74.0	74.1	74.4	74.5	74.7	76.6	78.9	79.0	81.3	82.5	82.9	84.6	85.1	84.7	84.2	81.5	79.2	78.7	78.0	77.5	77.1	76.7	76.9	78.8	86.4	73.7
„ 16,	76.9	76.7	76.6	76.1	75.7	76.0	76.1	78.1	79.0	78.0	79.0	80.0	78.9	78.8	78.0	77.4	76.5	76.5	76.3	75.7	75.5	75.0	74.4	74.6	76.9	81.2	74.4
„ 17,	74.1	73.9	74.1	73.9	73.9	73.6	73.8	73.7	74.4	74.9	74.8	76.8	75.0	76.2	75.2	74.6	73.7	73.4	73.3	73.4	73.5	73.7	73.6	73.6	74.2	77.3	72.2
„ 18,	73.8	73.8	73.6	73.1	73.0	72.7	72.6	74.7	74.8	75.4	75.0	75.0	75.7	75.4	74.8	74.7	75.2	74.2	73.7	73.6	73.5	73.5	73.4	73.2	74.1	75.7	72.6
„ 19,	73.1	72.8	72.7	72.6	72.8	72.8	73.4	73.7	75.0	76.9	76.9	77.0	77.5	76.4	77.2	77.3	76.5	74.3	73.9	73.7	73.6	73.6	73.4	73.7	74.6	79.7	72.4
„ 20,	73.1	72.9	73.0	73.4	74.0	73.9	74.4	74.8	75.4	76.0	77.3	77.0	77.3	77.2	77.0	76.7	76.1	74.9	74.7	75.2	75.5	75.4	75.6	74.4	75.2	78.9	72.9
„ 21,	74.2	74.2	74.1	74.1	74.1	73.9	74.1	75.5	76.8	77.6	78.0	79.0	78.7	79.1	77.8	78.1	75.7	74.7	74.4	74.4	74.7	74.8	75.0	75.1	75.8	79.9	73.6
„ 22,	74.8	75.0	74.4	74.3	74.3	74.5	74.6	76.8	77.9	78.0	78.1	78.0	77.9	77.8	77.8	77.0	76.2	74.7	74.3	74.3	74.1	73.9	74.1	73.9	75.7	80.0	73.2
„ 23,	73.8	73.9	73.4	73.5	73.7	73.8	74.5	75.7	75.8	78.0	78.0	78.0	80.0	80.0	79.4	79.2	76.1	74.8	73.3	71.9	72.2	71.5	70.3	69.3	75.0	80.0	69.3
„ 24,	68.9	69.4	68.6	67.7	66.9	66.8	66.7	69.0	70.5	72.8	73.0	74.0	75.6	74.6	74.0	73.7	72.5	71.7	71.3	71.5	72.2	72.2	72.0	71.2	71.1	76.5	65.9
„ 25,	71.2	69.6	69.3	70.1	70.1	69.6	70.5	72.7	73.5	74.6	75.0	75.0	75.4	76.1	74.3	74.0	73.5	73.0	72.5	72.9	73.2	73.2	73.0	72.9	72.7	76.9	69.3
„ 26,	72.7	72.0	71.7	72.0	72.1	71.8	71.8	73.7	73.7	74.7	75.3	77.0	76.1	76.7	75.8	74.8	73.7	72.6	72.8	72.9	73.2	73.4	73.2	73.4	73.6	77.3	70.9
„ 27,	73.3	73.4	72.8	73.0	72.6	71.6	72.7	74.8	77.1	77.8	78.5	79.5	78.1	77.5	76.2	74.7	74.7	73.4	73.0	72.9	72.8	71.9	71.4	72.1	74.4	80.7	71.4
„ 28,	70.6	70.1	69.3	70.2	68.0	67.6	71.7	72.3	74.8	76.1	76.2	78.0	77.2	76.0	74.0	73.2	72.7	72.7	72.7	72.7	72.5	70.4	70.4	68.2	72.4	79.4	67.1
„ 29,	68.2	68.7	67.8	67.9	69.0	68.7	69.7	70.7	73.5	73.4	73.9	73.6	73.3	73.2	73.0	72.3	72.4	71.7	71.5	71.8	71.9	71.7	71.6	71.2	71.3	74.8	67.6
„ 30,	71.4	71.1	70.7	70.2	70.0	69.4	70.7	71.7	72.7	73.0	72.0	71.9	72.5	72.8	72.7	72.0	72.0	71.7	71.7	72.0	72.3	72.5	72.2	72.2	71.7	73.1	68.4
„ 31,	72.2	72.3	71.9	72.0	72.0	71.8	72.3	74.2	74.7	75.0	75.0	75.5	74.7	74.9	74.9	74.8	73.7	72.6	73.1	73.1	73.2	73.2	73.5	73.5	73.5	76.0	70.8
Means.	73.6	73.4	73.2	73.2	73.0	72.7	73.4	74.7	75.8	76.8	77.1	77.5	77.7	77.5	77.0	76.4	75.5	74.5	74.1	73.9	74.0	73.9	73.9	73.7	74.8	79.5	71.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF OCTOBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	60.0	59.7	59.0	58.4	57.7	56.8	57.3	58.2	59.0	60.6	61.0	62.8	61.8	62.7	62.9	62.1	61.7	62.2	61.9	62.0	60.8	59.8	59.0	58.4	60.2	135.8
„ 2, ...	58.5	58.2	57.0	56.9	57.3	56.9	57.4	58.7	60.0	59.1	62.0	60.2	60.8	61.8	64.0	64.9	65.7	64.8	64.7	66.0	65.3	62.0	59.6	59.0	60.9	137.3
„ 3, ...	59.1	58.6	58.1	57.7	57.9	57.8	58.6	60.0	59.4	61.4	62.0	63.0	65.0	65.7	66.2	66.1	65.0	65.7	65.6	65.9	66.3	66.9	66.8	65.9	62.7	135.1
„ 4, ...	63.4	63.5	62.9	62.7	62.9	62.7	63.0	64.8	65.5	67.6	67.0	67.0	68.9	68.1	66.9	67.2	67.4	65.8	65.7	66.0	66.0	66.0	65.9	65.9	65.5	140.9
„ 5, ...	65.7	64.8	64.4	64.2	63.3	62.9	63.4	63.2	63.2	65.0	66.6	67.2	67.0	69.0	68.8	69.4	70.3	70.8	71.3	70.9	71.0	70.9	71.2	71.2	67.3	138.9
„ 6, ...	70.3	69.5	69.3	69.3	69.1	68.7	69.0	69.0	67.6	68.0	67.3	67.8	68.8	69.8	70.4	70.2	69.9	67.2	67.3	67.5	67.5	67.0	67.0	66.1	68.5	138.4
„ 7, ...	65.3	64.5	63.4	62.3	61.1	61.8	62.0	63.0	63.5	64.3	63.7	64.0	62.5	63.8	64.8	65.2	63.9	64.0	64.0	64.5	63.8	63.2	63.2	64.5	63.6	125.5
„ 8, ...	65.1	61.6	64.4	63.6	63.6	62.7	61.5	61.7	62.7	63.2	64.0	66.5	67.7	66.2	65.7	65.7	67.3	68.7	69.0	68.6	68.2	67.0	65.8	64.2	65.3	144.4
„ 9, ...	64.3	63.8	63.5	63.5	63.9	64.0	63.7	64.7	65.1	65.6	66.3	64.9	64.5	64.9	65.7	66.9	67.6	68.0	67.1	66.8	66.7	67.2	68.0	67.6	65.6	121.3
„ 10, ...	67.3	66.8	66.4	65.8	65.9	66.0	65.7	65.8	65.7	66.4	66.3	67.5	66.2	66.1	66.6	67.5	67.2	67.1	67.8	67.8	67.7	68.3	68.5	68.8	66.9	106.1
„ 11, ...	68.6	68.4	68.1	67.7	67.8	67.4	67.3	66.8	68.7	66.7	66.7	65.7	66.9	65.9	66.1	67.4	66.9	68.2	67.9	68.0	67.4	67.9	67.3	67.6	67.4	118.2
„ 12, ...	67.8	68.4	68.4	67.9	67.5	67.1	66.1	65.8	66.4	65.8	66.0	65.2	65.7	66.0	66.2	67.0	67.6	67.1	68.2	68.9	68.8	69.1	69.1	68.1	67.3	136.0
„ 13, ...	69.1	68.6	68.0	68.5	68.7	69.3	69.1	69.6	69.1	69.8	68.8	69.0	69.2	69.3	69.1	69.7	69.2	69.7	70.6	70.8	70.9	71.4	71.2	71.0	69.6	133.4
„ 14, ...	70.5	70.6	70.5	70.5	70.6	70.7	70.7	71.0	71.1	72.8	71.2	71.1	71.0	70.9	70.7	71.0	71.2	70.9	70.8	71.0	71.2	71.4	71.1	71.3	71.0	135.0
„ 15, ...	71.3	71.7	71.9	72.0	72.3	72.6	72.7	73.2	73.5	73.5	74.8	74.5	75.1	75.6	75.2	75.0	75.7	74.8	74.7	75.8	74.2	74.5	74.8	74.5	73.9	143.6
„ 16, ...	74.4	74.2	74.2	73.9	73.8	73.6	73.1	73.2	73.2	72.2	72.1	72.6	72.8	72.6	71.8	71.8	68.2	68.7	68.5	68.4	67.7	68.1	68.5	68.4	71.5	143.3
„ 17, ...	69.0	69.7	69.8	69.7	69.5	69.5	69.3	68.9	68.6	68.9	68.7	69.6	68.8	69.2	68.2	68.4	68.4	68.7	68.9	69.2	69.2	69.7	68.7	68.3	69.0	135.0
„ 18, ...	67.6	67.9	67.9	68.0	68.1	67.8	67.7	69.6	68.7	69.7	69.7	69.4	69.1	68.8	69.1	68.6	68.7	67.2	69.1	69.7	70.4	69.9	68.8	68.5	68.8	138.1
„ 19, ...	68.7	68.6	69.0	69.3	68.9	68.9	68.8	68.9	69.7	69.8	69.9	70.0	70.1	70.2	70.4	70.2	70.2	69.7	69.7	69.9	69.9	70.2	70.3	69.7	69.6	141.7
„ 20, ...	68.9	70.2	70.9	70.5	70.7	70.9	70.9	71.4	71.4	71.0	71.8	70.1	70.9	70.5	70.9	71.3	70.4	71.1	71.2	71.1	71.1	71.1	70.8	70.5	70.8	138.9
„ 21, ...	70.6	70.3	70.6	70.6	70.5	70.6	70.0	70.5	70.9	70.2	70.2	70.9	69.9	70.6	71.0	72.2	71.3	70.9	70.9	71.1	71.0	71.0	71.5	71.6	70.8	137.0
„ 22, ...	71.5	71.4	70.7	70.7	71.0	70.8	71.1	71.7	71.8	71.8	72.0	71.8	71.3	71.0	71.5	70.0	71.5	70.5	70.5	70.4	70.5	70.6	70.8	70.1	71.0	138.9
„ 23, ...	70.3	70.2	69.6	69.8	69.9	70.7	70.1	70.7	70.7	71.5	72.0	69.0	69.7	69.2	69.0	67.0	65.2	63.5	62.5	62.1	63.2	62.1	61.8	61.7	67.6	143.3
„ 24, ...	61.7	60.7	59.9	60.7	60.0	60.1	59.4	61.0	62.0	63.0	63.0	64.0	63.7	64.2	64.4	64.7	65.2	64.7	65.2	65.8	66.6	66.4	67.0	66.6	63.3	131.8
„ 25, ...	66.0	64.3	63.6	64.0	63.7	63.0	62.7	63.7	64.0	64.0	65.0	65.5	65.3	65.3	65.9	66.2	66.9	67.2	67.5	67.7	68.5	68.7	68.3	68.1	65.6	131.2
„ 26, ...	67.5	67.1	67.0	66.8	66.8	66.2	66.3	66.8	67.2	67.2	67.6	68.6	67.9	67.9	66.9	67.8	67.7	67.7	68.3	68.5	68.7	68.8	68.8	69.0	67.6	137.4
„ 27, ...	69.0	68.9	68.6	68.4	68.2	68.4	65.7	65.9	67.4	67.3	67.5	68.4	68.0	68.0	67.4	67.9	68.0	68.3	68.5	68.8	68.7	64.0	65.4	64.0	67.5	141.2
„ 28, ...	64.1	63.3	62.9	62.6	62.5	61.6	63.6	63.7	64.7	65.1	65.2	65.7	66.1	66.1	66.1	65.8	65.9	66.7	67.7	68.5	67.8	67.7	67.7	66.6	65.3	133.6
„ 29, ...	66.2	65.8	64.8	64.6	64.2	63.3	65.0	66.7	66.7	66.2	67.0	66.4	66.3	66.4	66.5	65.5	66.7	66.6	66.5	66.8	66.6	66.7	66.7	66.4	66.0	130.7
„ 30, ...	66.0	65.5	65.6	65.1	65.0	64.7	64.9	65.5	65.7	65.0	65.0	65.1	65.0	65.2	65.5	65.1	66.2	66.2	66.3	67.0	67.7	67.4	67.8	68.2	65.9	132.3
„ 31, ...	68.0	68.1	68.3	67.9	68.3	68.6	68.5	69.3	69.7	70.2	70.0	70.5	69.9	70.3	70.3	70.2	70.0	69.5	70.2	70.8	70.7	70.5	70.4	70.7	69.6	133.4
Means, ...	67.0	66.7	66.4	66.2	66.2	66.0	66.0	66.5	66.9	67.2	67.4	67.5	67.6	67.8	67.9	68.0	68.0	67.8	68.0	68.3	68.2	67.9	67.8	67.5	67.3	134.8

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF OCTOBER, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	70	0.577	Oct. 1,.....	34	0.309
2 „	69	.569	„ 2,.....	37	.334
3 „	68	.561	„ 3,.....	42	.384
4 „	67	.553	„ 4,.....	48	.463
5 „	68	.556	„ 5,.....	52	.519
6 „	68	.553	„ 6,.....	61	.577
7 „	65	.543	„ 7,.....	62	.483
8 „	62	.544	„ 8,.....	56	.494
9 „	60	.544	„ 9,.....	58	.505
10 „	59	.541	„ 10,.....	70	.574
11 „	58	.544	„ 11,.....	67	.574
Noon.	57	.543	„ 12,.....	66	.570
1 p.	58	.543	„ 13,.....	75	.652
2 „	59	.554	„ 14,.....	77	.693
3 „	61	.564	„ 15,.....	78	.773
4 „	62	.575	„ 16,.....	75	.700
5 „	66	.588	„ 17,.....	75	.640
6 „	69	.594	„ 18,.....	75	.634
7 „	72	.607	„ 19,.....	77	.658
8 „	74	.621	„ 20,.....	79	.696
9 „	73	.615	„ 21,.....	77	.688
10 „	72	.606	„ 22,.....	78	.697
11 „	72	.602	„ 23,.....	66	.578
Midt.	71	.594	„ 24,.....	63	.479
			„ 25,.....	67	.537
			„ 26,.....	72	.597
			„ 27,.....	68	.582
			„ 28,.....	67	.530
			„ 29,.....	74	.570
			„ 30,.....	72	.560
			„ 31,.....	81	.672
Means,.....	66	0.571	Means,.....	66	0.571

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.
1899.														
Oct. 1,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.1
„ 2,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.4
„ 3,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.5
„ 4,.....	...	0.7	1.0	1.0	0.3	0.1	0.1	0.2	...	...	...	...	...	3.4
„ 5,.....	...	0.1	0.5	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.5	...	8.9
„ 6,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.1
„ 7,.....	...	0.8	0.9	0.4	...	...	...	...	...	...	...	...	...	2.1
„ 8,.....	...	...	...	...	...	0.6	0.8	1.0	0.6	...	...	...	...	3.0
„ 9,.....	...	...	0.1	0.1	0.1	0.1	...	...	...	...	...	...	...	0.4
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	0.2	...	...	...	...	...	0.1	...	...	...	0.3
„ 12,.....	...	...	0.1	...	0.8	1.0	0.5	1.0	0.6	...	...	...	...	4.0
„ 13,.....	...	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	...	...	7.1
„ 14,.....	...	0.1	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.4	...	9.2
„ 15,.....	...	0.3	0.7	0.8	0.7	0.7	1.0	1.0	1.0	1.0	1.0	0.6	...	8.8
„ 16,.....	...	...	0.7	0.9	...	0.9	0.6	0.5	0.9	1.0	0.9	0.1	...	6.5
„ 17,.....	...	...	...	...	0.2	0.9	1.0	0.9	1.0	1.0	1.0	0.5	...	6.5
„ 18,.....	...	...	0.4	1.0	1.0	1.0	1.0	1.0	0.7	0.9	0.9	0.5	...	8.4
„ 19,.....	...	...	...	0.4	0.9	1.0	0.9	1.0	1.0	1.0	1.0	0.7	...	7.9
„ 20,.....	...	0.1	0.2	0.1	...	0.9	0.8	1.0	0.9	1.0	1.0	0.6	...	6.6
„ 21,.....	...	...	0.2	0.6	0.8	...	0.3	0.1	...	0.3	1.0	0.4	...	3.7
„ 22,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.8
„ 23,.....	...	...	0.1	...	0.9	0.9	0.6	0.6	0.6	0.2	0.9	0.5	...	5.3
„ 24,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.2
„ 25,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.3
„ 26,.....	...	...	0.3	0.2	0.4	1.0	0.8	1.0	1.0	1.0	1.0	0.6	...	7.3
„ 27,.....	...	0.2	0.9	0.7	1.0	1.0	1.0	1.0	0.9	0.6	0.3	0.2	...	7.8
„ 28,.....	...	0.7	0.7	1.0	1.0	1.0	1.0	1.0	0.8	...	...	...	...	7.2
„ 29,.....	...	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	...	7.3
„ 30,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.2	...	8.6
„ 31,.....	...	0.7	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
Sums,.....	...	6.8	15.9	19.5	21.1	24.1	23.4	24.3	22.9	20.9	19.9	10.8	...	209.6

TABLE VI.

RAINFALL, FOR THE MONTH OF OCTOBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	0.025	0.050	0.090	0.005	0.160	0.185	0.010	...	0.015	...	0.570	6
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.010	...	...	...	0.020	3
„ 10,	...	...	...	...	...	...	...	...	...	0.010	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	3
„ 11,	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0,005	...
„ 21,	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	0.080	0.070	0.200	3
„ 29,	0.030	0.010	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	2
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.045	0.010	...	...	...	...	...	...	...	0.010	0.015	...	...	0.030	0.025	0.050	0.090	0.005	0.165	0.190	0.020	0.050	0.095	0.075	0.875	18

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF OCTOBER, 1899.

Date	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		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.	1	21	1	22	1	19	1	18	3	14	1	18	2	15	2	22	1	21	2	20	32	14	1	9	1	15	32	10	1	11	2	10	1	9	32	3	32	3	32	3	32	8	2	14	1	18	1	18	335	14.0	1
„ 2,	1	19	5	13	3	20	3	21	2	14	4	8	2	8	1	12	1	8	1	8	27	6	32	7	32	5	28	4	23	3	22	8	24	7	29	7	29	2	...	0	29	4	30	4	...	1	32	7	196	8.2	1
„ 3,	32	3	3	7	2	13	1	13	1	9	2	12	1	15	1	16	1	16	1	4	21	5	21	6	24	3	24	10	25	10	23	9	19	5	19	2	17	6	17	3	...	0	...	1	...	0	25	4	172	7.2	31
„ 4,	30	2	27	3	1	13	1	15	1	16	32	18	1	18	1	16	1	16	1	8	1	15	2	14	1	12	32	15	1	12	1	14	3	12	2	10	2	7	2	9	1	12	1	13	32	12	32	12	294	12.2	1
„ 5,	1	14	2	14	2	14	1	13	3	10	2	15	1	13	2	15	32	18	3	12	7	12	11	11	11	11	10	14	10	11	9	14	10	12	10	11	9	12	8	14	9	16	9	15	9	17	8	18	326	13.6	6
„ 6,	8	16	8	15	7	11	4	9	5	8	5	2	5	6	4	4	9	7	9	9	7	9	10	12	11	13	10	20	9	22	10	22	9	26	7	17	7	10	7	20	8	21	8	24	6	21	7	21	345	14.4	8
„ 7,	7	26	6	18	5	19	5	20	5	11	5	15	6	13	6	15	6	14	8	12	8	29	8	25	32	22	1	16	2	14	3	14	1	17	32	19	1	16	4	17	32	11	3	16	2	11	2	12	411	17.1	4
„ 8,	3	12	4	16	2	13	3	14	1	10	2	14	4	17	2	14	4	12	5	16	3	18	6	17	7	19	5	18	5	15	6	17	6	13	8	17	7	21	7	22	8	23	6	22	6	22	5	20	402	16.8	5
„ 9,	5	14	5	15	5	19	5	25	6	25	6	25	5	26	7	26	7	24	7	20	8	33	8	25	6	23	6	25	7	33	7	32	6	30	7	29	6	26	6	30	7	32	7	31	6	30	6	32	630	26.2	6
„ 10,	5	23	6	27	6	26	7	28	6	30	6	28	7	25	7	27	6	24	7	19	7	21	8	18	6	21	7	26	7	20	7	23	7	21	8	24	7	30	8	30	8	28	8	27	7	29	6	23	598	24.9	7
„ 11,	7	20	7	21	8	20	7	20	7	14	6	14	7	17	8	21	8	26	8	24	8	28	8	28	8	27	7	30	7	27	7	21	7	20	8	17	8	18	7	18	8	22	7	22	7	26	7	29	530	22.1	7
„ 12,	7	33	8	29	7	28	7	24	7	27	8	25	8	27	7	26	8	31	8	28	9	26	9	26	9	22	10	23	10	21	10	22	9	19	9	19	8	21	8	18	7	21	7	24	7	23	7	26	589	24.5	8
„ 13,	7	27	7	28	7	27	7	29	8	23	8	27	8	28	8	24	8	29	8	27	7	33	7	28	8	25	8	22	9	22	8	20	9	21	9	19	9	17	9	16	8	14	9	15	8	14	7	13	551	23.0	8
„ 14,	8	10	8	13	8	16	8	15	8	13	8	12	8	14	8	16	10	16	10	16	10	18	10	17	9	14	9	14	9	9	8	4	30	5	30	3	30	2	30	3	...	1	...	0	...	0	...	0	231	9.6	9
„ 15,	...	0	...	0	...	0	...	0	...	1	...	0	...	1	30	3	24	5	24	6	26	9	24	6	25	8	25	6	26	9	27	5	23	4	17	5	...	1	...	0	17	2	11	8	10	7	10	8	94	3.9	24
„ 16,	10	10	10	10	10	10	8	8	9	11	9	12	9	15	9	14	8	17	9	21	8	21	9	20	9	18	9	20	10	24	10	20	9	20	9	20	8	22	7	23	7	29	7	27	7	26	7	25	443	18.5	8
„ 17,	7	23	7	23	7	20	7	23	7	26	7	29	7	31	8	31	8	32	7	31	7	35	7	32	7	26	6	27	7	26	7	27	7	24	8	24	8	20	8	23	7	24	7	19	7	22	7	22	620	25.8	7
„ 18,	8	23	8	22	7	18	7	17	7	20	8	23	8	25	8	27	7	31	8	29	7	32	7	26	7	26	7	24	8	21	9	19	9	16	8	14	9	14	8	15	8	15	8	17	8	15	7	17	506	21.1	8
„ 19,	8	18	8	18	8	18	7	16	8	18	8	21	8	19	7	21	8	18	9	19	9	18	8	15	11	17	11	16	9	12	10	14	10	15	9	15	10	11	9	10	8	11	9	13	10	7	9	8	368	15.3	9
„ 20,	10	11	9	12	8	13	8	15	9	12	9	12	9	10	9	11	6	8	8	15	10	21	9	19	11	21	10	17	10	19	10	16	9	18	8	18	8	13	8	16	9	17	8	19	7	20	8	20	373	15.5	9
„ 21,	8	26	7	23	8	21	7	18	9	19	8	24	8	20	7	20	9	13	10	14	10	18	10	14	10	13	9	15	9	10	9	13	8	11	9	18	9	14	9	12	7	10	7	11	7	15	6	9	381	15.9	8
„ 22,	7	13	7	13	8	21	8	20	9	25	8	20	8	20	8	20	7	22	9	19	10	19	10	19	10	23	10	22	10	19	10	18	11	18	11	13	11	13	9	14	8	15	9	14	9	13	9	14	427	17.8	9
„ 23,	9	14	6	11	7	12	6	12	5	8	7	10	8	12	9	10	9	12	10	11	10	10	32	11	10	7	1	11	2	14	2	12	2	11	3	15	2	22	2	17	1	11	2	13	1	7	...	1	274	11.4	5
„ 24,	1	4	1	10	1	10	2	5	1	7	1	6	32	13	3	8	5	16	6	14	8	12	12	10	11	10	10	9	10	6	10	10	10	12	9	13	8	12	8	13	8	17	9	18	8	17	4	14	266	11.1	7
„ 25,	4	10	2	12	2	7	6	11	4	9	4	11	6	9	5	14	6	14	6	12	9	16	10	16	10	18	10	19	10	23	9	23	9	19	8	18	8	19	7	17	7	21	8	22	8	21	7	28	389	16.2	8
„ 26,	7	30	8	21	8	20	7	23	6	20	7	22	7	18	7	17	8	15	7	14	10	14	10	15	11	15	9	19	9	21	9	19	9	17	8	17	7	16	8	17	8	18	8	18	8	18	8	17	441	18.4	8
„ 27,	8	19	7	21	8	16	7	12	6	7	1	9	1	12	5	7	4	6	6	10	9	14	11	13	9	13	10	15	10	18	9	14	9	17	8	17	8	15	8	15	7	15	3	8	11	7	3	6	306	12.8	8
„ 28,	3	4	3	5	1	5	3	7	3	7	1	4	1	6	2	11	2	7	8	6	10	8	7	10	11	13	10	18	9	20	9	18	10	14	10	15	8	14	8	16	8	15	6	13	5	9	1	6	251	10.5	7
„ 29,	1	7	...	1	6	8	8	11	6	12	5	13	6	15	6	14	5	16	6	18	8	23	9	23	10	24	9	23	8	24	8	22	7	24	8	21	7	21	8	23	8	26	8	24	8	23	7	25	441	18.4	7
„ 30,	7	29	7	27	7	27	7	30	7	28	7	25	7	22	7	23	7	25	9	23	10	25	10	26	10	26	10	24	10	23	10	19	10	19	8	15	8	14	8	17	8	18	7	17	7	21	7	21	544	22.7	8
„ 31,	7	22	7	24	7	22	7	19	7	21	7	24	8	26	8	21	7	21	7	20	9	26	9	23	9	24	8	21	9	19	9	20	9	18	8	16	8	14	8	14	8	10	7	9	8	12	9	9	455	19.0	8
Sums.	...	503	...	494	...	506	...	511	...	478	...	498	...	516	...	526	...	540	...	514	...	588	...	541	...	534	...	553	...	538	...	519	...	494	...	471	...	446	...	465	...	487	...	498	...	484	...	485	12189	507.9	...
Means,	...	16.2	...	15.9	...	16.3	...	16.5	...	15.4	...	16.1	...	16.6	...	17.0	...	17.4	...	16.6	...	19.0	...	17.5	...	17.2	...	17.8	...	17.1	...	16.7	...	15.9	...	15.2	...	14.4	...	15.0	...	15.7	...	16.1	...	15.6	...	15.6	393.2	16.4	...

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
1899.												
Oct. 1, ...	0	...	...	0	...	...	0	...	...	1	c-cum.	...
„ 2, ...	0	...	...	0	...	...	2	c-cum.	...	2	c.	...
„ 3, ...	0	...	...	0	...	...	1	sm-cum.	NNE	2	c-cum.	...
„ 4, ...	0	...	...	0	...	...	2	c-cum.	...	9	c-cum. / sm-cum.	NE
„ 5, ...	10	str-cum.	...	9	str-cum.	NE	9	sm-cum. / cum.	NE	6	sm-cum.	...
„ 6, ...	4	sm-cum.	NE	0	...	...	1	sm-cum. / cum.	...	1	sm-cum.	...
„ 7, ...	0	...	...	0	...	...	1	sm-cum.	...	9	sm-cum. / cum.	...
„ 8, ...	10	nim.	...	8	cum.	NE	10	str-cum.	...	10	str-cum.	...
„ 9, ...	8	cum.	NE	9	cum.	...	10	sm-cum. / cum.	ENE	10	str-cum.	...
„ 10, ...	10	cum-nim.	...	10	cum-nim.	...	10	str. / cum.	ENE	10	nim.	ENE
„ 11, ...	10	str-cum.	E	10	str-cum.	E	10	sm-cum. / cum.	ENE	10	str-cum.	...
„ 12, ...	10	str-cum.	E	8	sm-cum.	W	10	sm-cum. / cum.	E	6	c-cum. / sm-cum.	W
„ 13, ...	2	sm-cum. / cum.	E	3	sm-cum. / cum.	E	8	sm-cum. / cum.	ENE	2	sm-cum. / cum.	E
„ 14, ...	8	c-cum. / cum.	E	5	sm-cum.	...	6	sm-cum. / cum.	E	1	c-cum.	...
„ 15, ...	7	sm-cum.	W	9	sm-cum.	...	8	sm-cum.	W	8	sm-cum. / cum.	W / W
„ 16, ...	10	str-cum.	E	7	sm-cum. / cum.	E	6	cum.	E	9	sm-cum / cum.	W / E
„ 17, ...	4	cum.	E	9	cum.	E	10	cum.	E	9	sm-cum. / cum.	ESE
„ 18, ...	10	cum.	E	10	cum.	E	7	cum.	E	7	cum.	E
„ 19, ...	1	cum.	E	5	cum.	E	9	cum.	E	7	cum.	E
„ 20, ...	0	...	...	9	sm-cum.	E	8	sm-cum. / cum.	ENE / NE	9	cum.	ENE
„ 21, ...	10	cum.	E	10	cum.	E	10	cum.	ENE	10	sm-cum. / cum.	NNE
„ 22, ..	10	cum.	E	9	cum.	E	8	cum.	E	2	cum.	E
„ 23, ...	4	cum.	E	9	cum.	E	8	cum.	ENE	2	cum.	NNE
„ 24, ...	9	cum.	E	6	sm-cum. / cum.	E	10	str-cum.	E	1	cum.	...
„ 25, ...	10	cum.	E	10	cum.	E	1	c-cum. / sm-cum.	...	1	c-cum. / cum.	...
„ 26, ...	10	cum-nim.	E	10	cum-nim.	E	10	sm-cum. / cum.	NE	7	sm-cum. / cum.	ENE
„ 27, ...	9	sm-cum. / cum.	...	9	sm-cum.	...	8	sm-cum.	SSW	7	sm-cum.	S
„ 28, ...	10	str-cum.	...	9	cum.	...	7	sm-cum.	WNW	7	c-cum. / sm-cum.	W
„ 29, ...	10	nim.	...	10	cum-nim.	E	10	cum.	E	3	c-cum. / cum.	E
„ 30, ...	4	cum.	E	1	cum.	E	9	c-cum. / cum.	E	8	sm-cum.	SW
„ 31, ...	8	cum.	E	9	cum.	E	8	sm-cum. / cum.	E	2	c-cum. / cum.	E
Means,..	6.4	...	...	6.5	...	...	7.0	...	...	5.7	...	...

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	
1899.													
Oct. 1,...	0	...	...	9	c-cum.	...	0	...	...	0	...	...	1.2
„ 2,...	0	...	...	0	...	...	0	...	...	0	...	...	0.5
„ 3,...	0	...	...	1	c-cum.	...	0	...	...	0	...	...	0.5
„ 4,...	9	sm-cum.	NE	9	sm-cum.	NE	10	str-cum.	...	10	str-cum.	...	6.1
„ 5,...	2	sm-cum.	...	3	c-cum. / sm-cum.	...	0	...	...	9	cum.	...	6.0
„ 6,...	2	sm-cum.	...	3	c-cum. / sm-cum. / cum.	.. / SW / ..	2	c-cum.	...	0	...	...	1.6
„ 7,...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	...	6.3
„ 8,...	7	sm-cum. / cum.	S / ..	9	str-cum.	...	9	str-cum.	...	9	str-cum.	...	9.0
„ 9,...	10	str-cum.	...	10	str-cum. / cum.	E	10	nim.	E	10	str-cum.	...	9.6
„ 10,...	10	str-cum.	...	10	str. / cum.	ENE	10	str-cum.	ENE	10	str-cum.	E	10.0
„ 11,...	9	sm-cum. / cum.	E	10	sm-cum. / cum.	E	10	str-cum.	E	10	cum.	E	9.9
„ 12,...	7	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E	10	sm-cum.	W	10	sm-cum.	W	8.9
„ 13,...	7	c-cum. / cum.	W / E	8	sm-cum.	W	7	sm-cum.	W	8	sm-cum. / cum.	E	5.6
„ 14,...	6	c-cum. / cum.	SW / ..	4	sm-cum.	WSW	0	...	...	0	...	...	3.7
„ 15,...	7	sm-cum. / cum.	WNW	4	c-cum	WNW	1	sm-cum.	...	0	...	...	5.5
„ 16,...	9	sm-cum. / cum.	W / E	1	sm-cum. / cum.	W / E	5	sm-cum.	WSW	0	...	...	5.9
„ 17,...	9	sm-cum. / cum.	ESE	6	c-cum. / cum.	SE	2	cum.	E	9	cum.	E	7.3
„ 18,...	7	c-cum. / cum.	E	3	c-cum. / cum.	E	0	...	...	5	cum.	E	6.1
„ 19,...	9	cum.	ENE	0	...	...	0	...	...	8	sm-cum.	E	4.9
„ 20,...	6	cum.	ENE	1	cum.	...	10	cum.	ENE	10	cum.	ENE	6.6
„ 21,...	10	sm-cum. / cum.	NE	9	sm-cum.	E	9	c-cum.	...	10	str-cum.	...	9.8
„ 22,...	2	cum.	...	0	...	...	0	...	...	5	cum.	E	4.5
„ 23,...	7	cum.	NNE	9	sm-cum. / R-cum.	NNE	10	cum.	NNE	10	cum.	NNE	7.4
„ 24,...	0	...	...	1	sm-cum. / cum.	...	0	...	...	10	cum.	SE	4.6
„ 25,...	4	c-cum. / cum.	ENE	2	c-cum.	...	7	cum.	E	10	nim.	...	5.6
„ 26,...	3	c-cum. / cum.	ENE	1	sm-cum.	...	5	sm-cum.	...	3	sm-cum.	...	6.1
„ 27,...	1	cum.	...	8	sm-cum.	S	1	cum.	...	6	cum.	...	6.1
„ 28,...	2	c-cum. / cum.	...	10	c-cum. / cum.	N	8	cum.	...	10	nim.	...	7.9
„ 29,...	9	c-cum. / cum.	E	10	c-cum. / cum.	E	8	c-cum.	...	10	cum.	E	8.8
„ 30,...	7	c-cum. / cum.	WSW / E	9	sm-cum.	SW	10	str-cum.	...	10	str-cum.	...	7.2
„ 31,...	2	cum.	...	1	sm-cum.	...	10	str-cum.	...	7	str-cum.	...	5.9
Means,...	5.6	...	...	5.5	...	...	5.3	...	...	6.7	...	...	6.1

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF OCTOBER, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.0	13.7	0.4	0.0	+4.6	+13.7	E 19° N
2 „	4.8	13.7	0.2	0.1	4.6	13.6	E 19° N
3 „	5.6	13.5	0.1	0.0	5.5	13.5	E 22° N
4 „	6.1	13.8	0.0	0.0	6.1	13.8	E 24° N
5 „	5.3	13.0	0.4	0.0	4.9	13.0	E 20° N
6 „	5.5	13.2	0.1	0.0	5.4	13.2	E 22° N
7 „	5.3	13.6	0.2	0.0	5.1	13.6	E 20° N
8 „	5.4	14.1	0.2	0.0	5.2	14.1	E 21° N
9 „	5.2	14.4	0.4	0.2	4.8	14.2	E 19° N
10 „	3.2	15.0	1.1	0.2	2.1	14.8	E 8° N
11 „	2.5	16.8	2.4	0.5	+0.1	16.3	E
Noon.	2.1	15.4	2.9	0.4	−0.8	15.0	E 3° S
1 p.	2.8	14.3	3.8	0.4	−1.0	13.9	E 4° S
2 „	3.3	14.9	3.1	0.6	+0.2	14.3	E 1° N
3 „	2.6	14.9	2.9	0.7	−0.3	14.2	E 1° S
4 „	2.4	14.6	2.8	0.6	−0.4	14.0	E 2° S
5 „	2.7	13.8	2.6	0.5	+0.1	13.3	E 1° N
6 „	2.0	13.4	1.5	0.2	0.5	13.2	E 2° N
7 „	2.5	12.7	0.9	0.1	1.6	12.6	E 7° N
8 „	2.3	14.0	0.4	0.1	1.9	13.9	E 8° N
9 „	2.4	14.2	0.3	0.1	2.1	14.1	E 9° N
10 „	3.4	14.5	0.6	0.1	2.8	14.4	E 10° N
11 „	3.7	13.9	0.5	0.0	3.2	13.9	E 13° N
Midt.	4.8	13.5	0.3	0.1	+4.5	+13.4	E 19° N
Means, ...	3.8	14.1	1.2	0.2	+2.62	+13.92	E 11° N

PHENOMENA :—

Lunar corona :—on the 13th.

Haze :—on the 1st and 2nd.

Unusual visibility :—on the 26th.

Dew :—on the 14th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF NOVEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	29.906	29.906	29.903	29.906	29.923	29.941	29.964	29.976	30.006	30.018	29.996	29.977	29.946	29.930	29.928	29.941	29.954	29.973	29.995	30.013	30.026	30.035	30.034	30.032	29.938
„ 2,...	30.025	30.017	30.019	30.017	30.026	30.043	30.055	30.071	.090	.085	30.070	30.041	30.014	.994	.991	.991	30.004	30.014	30.031	.051	.061	.070	.068	.066	30.038
„ 3,...	.050	.040	.029	.015	.020	.021	.034	.045	.065	.067	.049	.028	29.995	.987	.971	.972	29.983	29.999	.028	.039	.045	.051	.052	.050	.026
„ 4,...	.043	.039	.025	.015	.026	.034	.041	.059	.065	.072	.066	.048	30.023	30.003	.989	.987	.989	.999	.004	.016	.031	.032	.035	.023	.028
„ 5,...	.015	.000	29.996	29.994	.008	.016	.026	.050	.064	.062	.041	.027	29.998	29.980	.969	.969	.967	.978	.001	.020	.026	.037	.048	.049	.014
„ 6,...	.035	.018	30.006	.995	29.995	.018	.030	.043	.041	.030	.012	29.977	.951	.929	.909	.905	.909	.923	29.935	29.945	29.946	29.950	29.946	29.942	29.975
„ 7,...	29.930	29.922	29.913	.915	.920	29.927	29.943	29.952	29.964	29.961	29.948	.934	.901	.894	.882	.892	.898	.901	.917	.932	.936	.934	.936	.926	.924
„ 8,...	.915	.901	.895	.899	.895	.912	.922	.921	.945	.948	.939	.928	.911	.885	.886	.870	.869	.879	.903	.922	.929	.934	.926	.919	.911
„ 9,...	.890	.871	.867	.856	.869	.889	.901	.919	.925	.918	.917	.888	.872	.844	.832	.838	.835	.825	.848	.864	.869	.870	.869	.854	.872
„ 10,...	.852	.844	.831	.826	.837	.851	.865	.877	.891	.875	.861	.841	.810	.786	.786	.793	.804	.816	.829	.836	.843	.840	.836	.835	.836
„ 11,...	.818	.813	.812	.810	.819	.831	.836	.851	.861	.855	.836	.812	.789	.773	.755	.758	.753	.761	.781	.794	.795	.800	.789	.789	.804
„ 12,...	.768	.757	.743	.731	.734	.759	.762	.780	.794	.790	.780	.755	.724	.704	.700	.693	.708	.720	.736	.758	.775	.788	.800	.784	.752
„ 13,...	.772	.767	.747	.743	.749	.765	.774	.795	.821	.831	.824	.796	.771	.749	.755	.760	.772	.769	.790	.817	.815	.831	.831	.833	.787
„ 14,...	.819	.809	.802	.810	.815	.844	.860	.891	.919	.930	.919	.890	.866	.846	.837	.848	.867	.887	.906	.925	.938	.938	.936	.939	.877
„ 15,...	.933	.925	.920	.917	.926	.953	.961	.969	.977	.973	.962	.926	.891	.872	.863	.867	.890	.905	.928	.955	.962	.959	.952	.937	.930
„ 16,...	.935	.932	.932	.934	.943	.965	.971	.974	.988	.991	.971	.935	.912	.897	.887	.890	.905	.925	.942	.951	.955	.961	.959	.955	.942
„ 17,...	.948	.935	.927	.931	.945	.963	.977	30.000	30.002	30.005	.996	.953	.933	.913	.907	.912	.923	.946	.950	.976	.988	30.003	.994	.995	.959
„ 18,...	.989	.995	.994	.996	30.003	30.022	30.031	.043	.054	.051	30.032	30.001	.976	.935	.923	.916	.936	.957	.967	.988	.999	.012	30.017	30.011	.994
„ 19,...	30.009	30.009	30.009	30.010	.017	.032	.041	.064	.076	.077	.061	.035	30.012	.985	.984	.977	.994	30.006	30.030	30.051	30.055	.062	.060	.056	30.030
„ 20,...	.044	.039	.025	.023	.020	.026	.042	.055	.071	.065	.046	.020	29.980	.969	.959	.964	.975	29.986	.004	.023	.020	.025	.023	.021	.018
„ 21,...	.021	.019	.009	.006	.017	.033	.045	.059	.073	.072	.064	.043	30.021	30.009	30.012	30.024	30.037	30.045	.066	.078	.094	.092	.086	.087	.046
„ 22,...	.080	.075	.074	.076	.093	.111	.128	.147	.163	.159	.147	.121	.097	.071	.069	.065	.074	.093	.092	.111	.123	.123	.128	.124	.106
„ 23,...	.125	.123	.121	.123	.140	.155	.178	.193	.213	.205	.194	.175	.143	.119	.109	.114	.127	.131	.147	.157	.164	.164	.158	.149	.151
„ 24,...	.140	.122	.109	.110	.113	.130	.141	.147	.157	.152	.129	.111	.081	.061	.051	.050	.045	.058	.073	.086	.102	.103	.105	.078	.102
„ 25,...	.071	.055	.044	.040	.050	.072	.090	.091	.102	.106	.084	.053	.024	.002	29.990	29.994	.005	.024	.033	.046	.063	.070	.063	.055	.051
„ 26,...	.054	.051	.052	.055	.068	.090	.110	.131	.159	.161	.148	.125	.096	.085	30.081	30.078	.086	.103	.120	.138	.151	.156	.157	.160	.109
„ 27,...	.154	.157	.155	.161	.171	.195	.209	.229	.240	.234	.218	.193	.158	.134	.122	.122	.136	.145	.152	.165	.185	.194	.185	.169	.174
„ 28,...	.157	.142	.130	.132	.136	.160	.175	.186	.199	.200	.179	.143	.099	.072	.070	.084	.097	.118	.152	.169	.171	.171	.154	.142	.143
„ 29,...	.139	.099	.090	.090	.091	.112	.133	.151	.162	.163	.137	.106	.071	.056	.043	.047	.066	.091	.115	.128	.138	.150	.148	.140	.111
„ 30,...	.133	.121	.116	.122	.134	.156	.176	.194	.209	.213	.186	.172	.138	.124	.109	.113	.125	.140	.143	.159	.166	.167	.164	.160	.152
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.992	29.983	29.976	29.975	29.983	30.001	30.014	30.029	30.043	30.042	30.027	30.002	29.973	29.954	29.946	29.948	29.958	29.971	29.987	30.004	30.012	30.017	30.015	30.009	29.994

TABLE II.

TEMPERATURE, FOR THE MONTH OF NOVEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Nov. 1,	73.5	73.5	73.2	73.3	73.1	73.1	73.3	75.0	75.6	77.0	78.0	78.5	78.7	78.4	76.1	74.9	74.0	73.5	74.0	74.0	73.8	73.7	73.5	73.4	74.8	79.4	72.6
„ 2,	72.9	72.5	72.2	72.2	71.9	71.3	71.7	71.7	71.6	71.8	71.7	72.6	72.5	73.8	73.2	73.0	72.7	72.5	72.4	72.6	72.4	72.7	71.5	71.6	72.3	74.5	70.3
„ 3,	70.6	70.6	70.8	70.8	70.6	70.1	71.2	71.3	70.7	71.5	72.7	73.1	74.0	75.2	75.2	75.2	74.5	74.2	72.7	71.6	69.6	69.5	68.4	68.6	71.8	76.6	68.3
„ 4,	67.8	67.8	67.7	69.0	69.3	69.1	69.6	69.8	70.1	70.9	71.9	72.0	70.9	71.2	70.7	70.6	70.6	70.5	70.7	70.7	69.1	68.7	68.4	67.8	69.8	73.9	66.7
„ 5,	68.7	68.5	68.5	68.7	68.1	68.5	66.9	67.5	68.3	69.0	71.0	70.5	72.5	73.5	76.4	71.8	70.7	69.8	70.2	70.3	70.2	67.8	66.5	66.1	69.6	76.4	66.1
„ 6,	67.0	65.9	65.3	65.4	66.3	65.6	65.8	67.0	67.9	71.0	71.9	71.0	72.0	72.8	71.6	70.1	69.2	69.2	69.7	70.0	70.2	70.6	70.5	70.5	69.0	73.7	64.3
„ 7,	70.2	70.2	70.2	69.9	69.5	69.6	69.7	69.8	71.3	72.0	72.5	72.4	72.5	72.1	71.7	71.7	71.3	71.5	71.7	71.5	71.7	72.2	71.6	71.8	71.2	74.8	68.8
„ 8,	71.4	72.0	71.8	71.8	71.6	71.6	71.7	73.6	73.4	72.8	73.3	73.7	73.7	73.7	73.8	73.7	73.0	72.9	73.5	73.7	73.6	73.2	73.0	72.6	72.9	73.9	70.5
„ 9,	72.3	72.1	71.9	71.9	71.4	70.5	70.8	71.4	71.5	72.7	73.5	75.0	74.2	74.3	72.7	73.5	73.7	73.7	73.7	73.7	73.9	73.8	74.0	74.4	72.9	76.7	68.8
„ 10,	73.9	73.8	73.8	73.8	73.8	74.4	74.7	74.4	74.7	76.9	78.2	78.8	79.5	78.8	78.1	78.9	77.4	74.6	73.7	73.0	72.3	72.8	72.1	71.6	75.2	80.1	71.6
„ 11,	71.7	72.2	71.5	71.5	72.3	73.8	75.5	76.1	78.3	78.3	78.5	79.1	79.9	79.2	79.5	79.0	78.2	77.4	76.6	76.8	77.1	74.6	75.9	75.9	76.2	80.5	71.5
„ 12,	76.6	76.9	77.1	75.7	75.5	73.4	73.3	74.9	76.4	77.4	77.6	79.4	77.8	77.7	75.7	75.3	75.1	74.7	74.7	74.4	74.1	70.5	72.1	71.8	75.3	80.2	70.1
„ 13,	70.3	69.5	69.5	68.7	68.7	68.9	65.7	66.4	66.9	66.1	65.9	66.1	66.5	67.0	66.7	65.5	65.7	65.8	66.2	66.1	66.5	66.5	67.4	65.7	67.0	71.4	64.8
„ 14,	65.4	65.2	66.0	66.1	65.6	65.9	65.7	65.7	66.4	66.4	67.0	67.7	68.7	69.5	69.7	69.5	68.7	67.7	67.6	67.1	67.1	66.6	67.0	66.9	67.0	70.3	64.4
„ 15,	66.8	66.8	67.0	66.7	67.1	67.2	66.6	67.8	69.8	71.3	72.8	73.4	75.0	74.8	75.0	75.2	74.6	73.2	71.7	70.2	68.3	67.2	67.3	66.8	70.1	77.2	65.3
„ 16,	65.6	64.8	63.9	64.5	64.3	64.3	64.5	65.9	67.1	70.3	70.7	71.1	71.5	72.0	72.5	72.6	70.8	70.5	69.6	68.5	67.5	66.5	66.2	65.5	67.9	74.3	62.4
„ 17,	64.6	63.6	63.2	62.6	63.1	63.1	61.9	63.7	65.4	68.6	69.9	70.8	70.5	72.4	72.0	72.0	70.6	68.2	67.6	67.8	67.2	66.0	64.8	63.8	66.8	74.0	61.1
„ 18,	63.5	62.0	61.2	60.7	60.1	59.8	61.0	63.0	65.0	68.6	68.4	69.4	71.0	72.0	71.6	71.4	71.7	65.7	66.9	66.5	65.8	64.8	64.0	64.0	65.8	73.3	58.3
„ 19,	63.6	63.2	61.4	61.5	63.8	61.4	63.4	65.2	68.0	71.2	72.2	72.6	72.5	72.8	71.8	71.3	69.7	68.5	67.5	67.1	67.0	66.3	66.5	66.6	67.3	75.7	60.2
„ 20,	66.9	66.2	66.1	66.7	66.5	67.1	67.7	69.0	69.7	73.0	75.0	75.4	78.0	76.8	72.0	75.9	75.0	74.2	73.7	73.6	72.7	72.6	73.2	72.7	71.7	78.9	64.6
„ 21,	71.8	71.1	69.9	68.6	68.7	68.5	67.4	67.6	68.4	69.0	70.4	71.6	72.3	71.7	71.6	70.8	71.7	71.2	70.9	69.8	69.2	68.0	66.9	65.8	69.7	73.1	65.8
„ 22,	65.2	63.7	63.1	62.0	62.6	61.6	62.0	63.7	64.8	67.0	68.0	69.0	71.0	70.3	71.0	71.6	69.0	67.9	67.2	65.8	64.3	62.4	61.7	60.7	65.6	73.6	60.4
„ 23,	59.8	58.7	57.6	57.2	56.3	55.2	56.6	59.9	61.0	62.4	63.1	64.9	64.0	65.0	65.0	63.6	62.5	60.7	60.8	59.7	59.6	58.0	56.9	57.0	60.2	67.3	54.3
„ 24,	57.7	57.5	56.5	55.3	55.9	55.0	56.2	59.5	60.5	64.3	64.6	66.0	66.5	66.6	66.0	66.6	64.7	63.1	63.4	60.6	60.2	60.6	57.6	58.1	61.0	69.6	54.7
„ 25,	57.1	57.1	57.0	57.2	56.3	56.4	60.8	63.8	65.6	68.2	68.0	68.6	67.8	68.6	67.3	66.4	65.6	64.6	64.1	63.2	62.3	61.6	60.6	62.0	62.9	70.7	56.3
„ 26,	62.2	60.6	59.8	59.8	59.3	59.6	61.0	62.5	63.8	66.3	67.4	68.0	68.8	68.1	67.8	68.2	66.6	65.3	64.8	62.5	61.3	59.9	59.6	59.0	63.4	71.5	58.0
„ 27,	58.6	57.7	57.4	56.4	55.5	54.9	54.5	55.8	56.8	57.9	59.7	61.4	61.8	61.9	62.3	61.5	60.6	59.6	58.3	57.8	56.5	56.0	54.7	55.5	58.0	64.0	53.5
„ 28,	54.6	53.7	53.8	53.2	51.9	51.6	53.1	55.6	58.7	60.0	59.6	60.5	61.8	60.3	61.1	59.9	58.5	57.3	55.6	55.2	55.8	55.8	56.6	56.2	56.7	62.4	50.7
„ 29,	56.4	56.2	57.2	57.2	56.9	57.6	56.4	58.8	60.2	64.2	64.0	64.8	67.2	68.3	66.7	65.6	63.4	62.9	62.1	61.6	60.5	60.0	61.6	60.3	61.3	69.3	55.5
„ 30,	59.9	59.4	58.2	56.7	56.2	55.8	56.5	57.4	60.1	63.1	64.2	64.9	65.3	64.8	64.9	64.0	62.4	60.6	59.6	58.6	60.8	59.9	59.4	59.2	60.5	66.5	52.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	66.2	65.8	65.4	65.2	65.1	64.8	65.2	66.5	67.6	69.3	70.1	70.7	71.3	71.5	71.0	70.6	69.7	68.7	68.4	67.8	67.4	66.6	66.3	66.1	67.8	73.5	63.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF NOVEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	71.0	71.0	69.9	69.7	69.5	69.7	69.6	70.0	69.5	69.8	70.5	70.5	69.8	69.9	68.8	69.4	69.2	69.5	70.3	70.2	70.4	70.3	69.9	69.6	69.9	143.6
„ 2, ...	69.3	69.2	69.1	68.7	68.3	68.5	68.2	67.7	68.2	67.9	67.7	67.8	67.7	68.4	68.1	68.3	68.2	68.3	68.5	68.7	68.5	68.9	68.8	68.7	68.4	104.7
„ 3, ...	69.3	69.1	68.9	68.8	68.6	68.5	68.5	68.7	67.7	66.8	67.3	66.4	66.8	67.7	67.3	67.0	67.2	68.1	66.0	68.4	65.9	67.3	66.8	66.1	67.6	136.0
„ 4, ...	65.8	66.3	65.8	65.7	65.2	64.7	65.0	65.0	65.4	65.5	65.8	66.0	65.6	65.3	65.6	65.0	65.5	65.6	65.7	65.5	64.2	64.4	63.7	63.9	65.3	126.3
„ 5, ...	63.8	63.1	62.9	63.0	62.4	63.0	62.7	62.5	63.3	63.5	64.0	63.1	64.8	64.7	64.5	64.3	64.9	62.7	64.8	65.3	65.3	62.8	62.8	63.1	63.6	135.8
„ 6, ...	62.6	62.4	61.8	61.6	61.3	61.4	61.9	62.7	63.3	63.8	64.5	64.6	65.2	65.5	65.8	65.4	64.9	65.1	65.3	65.6	65.6	66.1	66.3	66.2	64.1	129.2
„ 7, ...	66.1	66.0	65.6	65.5	65.5	65.4	65.7	65.4	65.5	66.2	66.4	66.6	66.7	66.9	66.7	66.9	66.9	67.2	67.5	67.6	67.2	67.8	67.6	67.6	66.5	130.7
„ 8, ...	68.2	68.1	68.5	68.6	68.7	68.6	68.5	69.4	68.9	68.9	69.2	69.4	69.5	69.6	69.7	69.9	69.7	69.7	69.9	70.3	70.3	70.0	69.6	69.5	69.3	105.3
„ 9, ...	69.2	69.0	69.0	69.1	69.2	69.3	69.2	69.5	69.7	69.7	69.7	70.4	70.5	70.5	70.1	70.0	70.4	70.3	70.3	70.2	70.7	71.2	71.0	70.8	70.0	136.7
„ 10, ...	70.7	70.9	70.6	70.7	70.6	70.9	70.9	70.9	70.9	71.5	71.8	70.9	71.0	70.5	71.0	71.0	70.3	70.7	70.5	70.6	70.7	70.2	69.6	69.6	70.7	142.2
„ 11, ...	69.4	69.5	69.6	69.6	69.6	69.9	70.7	71.5	72.6	72.5	72.2	72.9	72.9	73.0	72.9	72.9	72.7	72.6	72.9	72.0	73.8	72.2	72.6	72.9	71.8	137.6
„ 12, ...	72.3	72.1	72.1	72.7	72.3	71.5	71.7	72.0	72.5	72.0	71.9	72.0	70.8	71.7	71.7	71.6	71.7	70.6	70.3	70.0	70.5	68.7	69.8	69.6	71.3	118.3
„ 13, ...	68.2	66.1	65.0	64.0	64.0	64.4	64.6	64.6	64.9	64.7	64.4	64.2	64.2	64.7	64.5	64.4	64.3	64.5	64.7	64.6	64.8	64.5	65.0	64.3	64.7	80.2
„ 14, ...	63.7	64.0	63.8	63.7	63.8	63.3	63.3	63.5	63.4	63.9	64.0	64.7	65.2	65.0	65.2	65.3	64.3	63.4	63.1	63.0	62.5	62.2	62.4	62.2	63.7	94.6
„ 15, ...	61.9	61.7	61.1	60.8	60.5	60.0	59.7	60.0	60.9	61.4	62.3	62.4	63.2	63.8	63.8	63.7	63.7	63.0	65.2	60.8	60.2	59.8	59.8	59.4	61.6	127.8
„ 16, ...	59.0	58.4	57.6	57.3	57.1	57.0	56.9	57.8	58.1	60.2	60.2	60.4	60.5	60.8	61.9	62.4	62.1	60.4	59.7	58.7	57.9	56.8	56.8	57.3	59.0	126.9
„ 17, ...	56.5	56.5	56.5	55.5	55.4	54.7	54.6	54.7	55.8	56.8	58.1	58.5	58.0	59.0	58.3	58.3	58.0	58.3	57.5	57.3	54.2	54.0	53.8	53.5	56.4	128.8
„ 18, ...	53.8	53.0	53.1	52.5	52.3	52.0	52.0	53.0	54.2	56.6	56.2	57.2	58.0	58.5	58.0	58.0	61.7	57.5	56.9	57.3	58.2	54.7	54.6	54.6	55.6	124.9
„ 19, ...	54.4	54.8	54.8	53.6	53.6	52.9	54.0	55.0	56.1	57.9	59.8	60.7	60.8	61.0	60.0	60.5	61.0	61.7	60.7	62.0	61.5	61.3	60.4	60.2	58.3	125.0
„ 20, ...	59.7	59.9	59.0	58.5	57.8	58.0	58.5	59.0	59.6	61.2	62.3	62.5	64.0	62.5	62.8	64.2	62.5	62.7	62.6	62.1	62.4	61.6	61.8	61.6	61.1	138.3
„ 21, ...	61.7	61.0	60.6	60.1	60.0	59.4	58.7	59.1	59.9	60.2	61.0	61.3	62.5	62.2	62.2	60.0	59.8	59.7	58.6	58.0	56.8	56.0	55.1	54.6	59.5	104.1
„ 22, ...	54.4	54.5	53.8	53.8	53.8	52.9	52.9	53.1	53.6	53.7	53.8	54.0	55.1	54.6	54.8	54.4	52.8	52.2	51.7	50.8	50.5	49.8	48.3	48.0	52.8	125.5
„ 23, ...	47.7	47.0	46.0	45.7	45.0	45.0	46.4	48.5	48.6	48.7	49.8	51.0	50.0	50.8	51.0	50.6	50.0	49.5	48.2	50.6	49.7	49.6	47.6	47.3	48.5	120.5
„ 24, ...	46.7	46.1	45.4	45.7	46.9	47.7	47.0	49.2	48.2	50.7	50.4	53.0	54.0	54.1	54.2	54.2	55.4	54.6	54.6	55.2	55.1	55.5	54.6	52.4	51.3	122.1
„ 25, ...	53.1	53.1	53.1	53.1	53.2	53.3	54.6	55.0	55.0	56.9	57.0	57.4	57.0	57.5	57.0	57.3	57.9	57.6	57.8	58.1	58.3	58.2	58.0	57.8	56.1	126.8
„ 26, ...	57.5	57.2	57.4	57.0	56.6	51.8	51.0	51.2	52.0	53.3	53.8	54.0	54.0	53.0	52.3	52.5	51.2	50.0	49.2	49.2	48.0	47.6	47.4	47.2	52.3	123.0
„ 27, ...	47.0	46.2	45.9	45.1	44.4	44.1	43.6	44.0	44.0	44.1	45.0	46.3	46.5	46.5	46.8	46.4	45.6	44.5	44.6	44.1	44.0	44.0	43.2	43.3	45.0	118.9
„ 28, ...	42.7	43.0	43.3	43.9	44.3	44.1	45.6	47.6	48.6	48.3	47.6	48.7	50.0	49.5	50.1	50.0	51.1	50.5	53.3	52.3	52.2	52.6	52.6	52.5	48.5	115.2
„ 29, ...	52.6	52.7	52.7	52.8	52.9	52.5	51.6	52.2	52.9	54.4	54.0	54.0	53.5	55.1	54.2	51.3	51.3	50.8	50.6	50.0	50.4	50.0	49.4	49.2	52.1	125.5
„ 30, ...	48.4	47.1	46.4	45.6	45.9	45.8	45.5	46.6	48.0	50.2	50.6	50.9	52.5	51.5	51.8	50.0	48.3	49.4	48.5	47.5	47.6	47.5	46.4	46.3	48.3	120.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	60.2	60.0	59.6	59.4	59.3	59.0	59.1	59.6	60.0	60.7	61.0	61.4	61.7	61.8	61.7	61.5	61.4	61.0	61.0	60.9	60.6	60.2	59.9	59.6	60.4	123.2

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF NOVEMBER, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	67	0.461	Nov. 1,.....	77	0.667
2 „	68	.460	„ 2,.....	81	.644
3 „	68	.453	„ 3,.....	80	.621
4 „	68	.449	„ 4,.....	77	.565
5 „	68	.447	„ 5,.....	70	.509
6 „	68	.442	„ 6,.....	75	.534
7 „	67	.440	„ 7,.....	77	.589
8 „	63	.438	„ 8,.....	83	.669
9 „	61	.436	„ 9,.....	86	.696
10 „	58	.436	„ 10,.....	79	.692
11 „	56	.435	„ 11,.....	79	.722
Noon.	55	.439	„ 12,.....	81	.714
1 p.	55	.441	„ 13,.....	88	.582
2 „	54	.442	„ 14,.....	83	.547
3 „	55	.445	„ 15,.....	59	.436
4 „	56	.444	„ 16,.....	56	.382
5 „	59	.453	„ 17,.....	48	.319
6 „	61	.453	„ 18,.....	49	.309
7 „	62	.457	„ 19,.....	55	.369
8 „	64	.462	„ 20,.....	52	.398
9 „	65	.458	„ 21,.....	51	.374
10 „	65	.456	„ 22,.....	37	.232
11 „	65	.450	„ 23,.....	35	.188
Midt.	65	.444	„ 24,.....	46	.251
			„ 25,.....	63	.362
			„ 26,.....	42	.247
			„ 27,.....	27	.130
			„ 28,.....	51	.235
			„ 29,.....	49	.269
			„ 30,.....	33	.179
			.....	...	...
Means,.....	62	0.448	Means,.....	62	0.448

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.
1899.														
Nov. 1,.....	...	...	0.4	0.7	0.8	0.7	0.4	0.6	...	...	...	...	...	3.6
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	0.7	...	...	0.7	0.2	...	1.6
„ 4,.....	...	...	...	...	...	...	0.3	...	...	...	...	...	...	0.3
„ 5,.....	...	...	...	...	...	0.1	...	0.7	0.9	0.8	0.3	...	...	2.8
„ 6, ...	...	...	...	...	...	0.1	...	0.6	0.9	0.8	0.3	...	...	2.7
„ 7,.....	...	...	...	0.1	0.4	0.2	...	...	...	...	...	...	...	0.7
„ 8,.....	...	...	0.4	0.1	...	...	...	...	...	...	0.1	...	...	0.6
„ 9,.....	...	...	...	...	...	...	0.7	...	...	...	...	...	...	0.7
„ 10,.....	...	...	...	...	...	0.1	...	0.8	1.0	0.7	1.0	0.3	...	3.9
„ 11,.....	...	...	...	0.3	0.3	0.1	...	0.8	1.0	0.6	1.0	0.3	...	4.4
„ 12,.....	...	...	...	0.2	0.2	...	...	...	...	...	...	...	...	0.4
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.8
„ 16,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.6	...	...	8.2
„ 17,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.5
„ 18,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 19,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.8
„ 20,.....	...	...	0.1	0.2	0.9	0.3	0.7	1.0	0.8	0.2	...	...	...	4.2
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 23,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 24,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 25,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.7
„ 26,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 27,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.5
„ 28,.....	...	...	...	0.5	0.6	0.4	0.1	0.6	0.6	0.8	0.3	...	...	3.9
„ 29,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.0
„ 30,.....	...	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.5
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	4.0	12.2	15.1	16.2	15.0	15.2	18.8	18.1	16.8	16.3	5.7	...	153.4

TABLE VI.

RAINFALL, FOR THE MONTH OF NOVEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
„ 3,	...	...	...	0.005	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.010	0.035	8
„ 4,	0.005	0.040	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	6
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	0.010	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	3
„ 10,	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	3
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	0.010	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...	...	0.060	5
„ 13,	...	...	...	...	...	0.260	0.090	0.055	0.125	0.055	0.045	0.065	0.045	0.030	0.080	0.140	0.155	0.025	0.020	0.035	0.045	0.015	0.025	0.015	1.325	24
„ 14,	...	...	...	0.060	0.010	0.045	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.135	10
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.005	0.040	0.005	0.065	0.020	0.305	0.110	0.125	0.130	0.055	0.045	0.065	0.045	0.030	0.080	0.140	0.155	0.025	0.020	0.035	0.045	0.040	0.030	0.025	1.640	62

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF NOVEMBER, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		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,	9	10	9	11	6	12	7	14	7	11	8	12	8	12	8	16	8	16	9	13	9	16	10	16	9	16	10	11	11	14	10	12	10	12	10	14	8	11	9	13	8	12	9	17	9	16	7	17	324	13.5	9
„ 2,	7	20	8	19	8	21	6	17	7	17	7	17	8	19	7	17	9	21	9	15	9	14	8	13	9	13	8	10	11	11	11	10	10	13	8	12	9	13	9	10	6	9	7	14	10	10	8	13	348	14.5	8
„ 3,	9	15	8	14	8	15	8	22	8	18	9	16	8	14	9	15	2	9	5	7	3	8	1	8	11	5	10	5	1	4	1	3	7	5	9	10	7	12	7	11	6	14	7	17	8	20	4	15	282	11.7	7
„ 4,	7	19	7	21	7	24	6	24	6	19	7	22	7	27	7	23	7	23	7	21	8	22	8	16	9	15	7	12	8	12	9	13	9	13	9	12	8	12	5	10	2	6	2	4	2	8	2	7	385	16.0	7
„ 5,	4	9	4	6	2	9	2	7	2	8	6	6	32	9	2	9	2	5	1	5	30	6	1	8	9	8	10	10	1	9	10	10	10	15	8	11	4	9	8	14	7	14	2	8	2	6	2	2	203	8.5	5
„ 6,	1	9	32	10	32	9	2	8	1	9	1	7	1	5	1	3	8	4	11	4	9	10	10	13	10	13	10	14	10	16	10	18	10	17	9	13	8	17	8	16	7	20	7	21	8	19	7	20	295	12.3	7
„ 7,	8	23	7	26	7	26	7	27	7	26	7	20	7	15	6	13	5	15	6	15	9	17	9	16	9	17	9	14	10	16	9	18	8	17	7	16	8	20	7	22	8	23	7	24	8	22	8	20	468	19.5	8
„ 8,	8	20	8	19	8	17	9	20	8	21	8	19	7	25	7	33	7	36	7	32	8	30	8	30	9	32	8	31	9	33	8	31	8	32	7	32	8	34	8	30	7	33	7	29	7	34	7	36	689	28.7	8
„ 9,	7	36	8	34	7	33	8	33	8	29	8	25	8	25	8	21	8	22	8	27	8	24	9	19	9	17	9	16	9	20	8	14	8	15	9	17	8	21	7	19	8	20	9	20	7	18	7	18	543	22.6	8
„ 10,	10	12	10	15	9	15	10	15	9	15	7	11	7	20	7	16	9	10	6	15	7	16	7	18	7	23	7	22	7	19	8	16	8	12	9	9	10	13	10	12	10	8	11	5	...	1	11	2	320	13.3	8
„ 11,	11	5	11	14	8	16	9	9	12	10	12	7	9	12	8	9	9	11	9	15	8	20	8	19	8	23	8	23	8	21	8	22	9	15	9	14	9	16	7	17	8	18	10	15	10	10	9	10	351	14.6	9
„ 12,	8	12	8	8	6	4	6	2	7	12	8	17	7	8	9	5	6	9	8	4	9	10	4	10	6	13	7	13	7	14	10	14	8	16	8	13	7	15	7	13	4	10	5	11	6	11	7	19	263	11.0	7
„ 13,	3	8	2	12	1	18	32	13	32	14	2	10	3	4	1	2	...	0	1	3	1	12	1	15	1	16	2	8	3	10	6	3	5	6	2	8	2	9	5	8	5	13	4	14	4	11	2	7	224	9.3	2
„ 14,	2	7	32	11	1	16	1	17	1	15	2	13	2	14	1	14	1	14	2	13	1	17	1	19	32	15	1	13	1	9	1	11	1	14	32	20	1	18	1	19	32	17	1	15	1	14	1	14	349	14.5	1
„ 15,	32	13	1	16	1	22	1	20	32	23	32	18	1	18	1	21	1	19	32	17	32	18	2	14	2	13	2	12	1	11	2	12	3	9	1	12	5	11	2	12	1	15	32	16	1	24	1	24	390	16.3	1
„ 16,	32	9	31	4	28	6	32	10	30	5	32	6	32	7	32	10	32	11	32	9	31	7	1	12	32	14	31	14	1	11	31	11	32	8	32	15	1	17	32	22	32	24	1	21	1	15	2	8	276	11.5	32
„ 17,	32	7	2	3	30	6	32	9	32	11	1	10	1	14	32	10	32	14	1	9	32	12	32	16	32	14	32	12	1	12	2	12	1	7	32	6	1	6	1	10	2	11	1	23	1	26	1	26	286	11.9	1
„ 18,	2	13	22	4	5	4	32	9	31	7	1	7	32	3	32	5	32	5	1	3	18	5	24	6	24	9	23	7	28	7	28	7	1	5	31	4	31	6	31	2	...	1	4	8	4	4	32	4	135	5.6	31
„ 19,	1	10	5	9	8	4	3	5	2	9	1	7	2	7	2	4	1	7	5	2	23	4	13	3	25	7	25	7	24	6	25	8	25	6	...	0	...	0	...	1	...	0	25	2	25	3	25	4	115	4.8	31
„ 20,	25	5	25	3	...	0	25	3	25	2	32	3	6	2	18	2	32	6	32	11	31	12	32	10	1	16	1	15	1	12	1	7	1	7	2	4	...	1	3	3	32	2	32	4	2	10	1	12	152	6.3	32
„ 21,	32	6	2	16	1	18	1	23	1	20	1	16	3	21	1	21	1	16	1	16	1	15	1	17	32	13	2	7	32	10	1	12	32	13	1	15	2	17	1	21	2	25	1	24	1	21	1	24	407	17.0	1
„ 22,	1	24	1	16	1	16	32	12	1	18	1	25	1	27	1	27	1	27	1	25	1	22	1	16	3	16	32	13	1	10	32	11	32	13	32	20	32	28	32	29	32	25	1	28	1	26	1	27	501	20.9	1
„ 23,	1	28	32	24	1	26	1	24	1	20	32	14	2	11	1	11	1	11	6	8	5	9	11	7	11	3	25	4	24	7	24	6	22	5	30	4	1	3	1	3	...	1	1	4	1	4	4	8	245	10.2	1
„ 24,	1	16	1	17	32	15	4	4	19	3	...	1	...	0	27	2	1	13	32	14	1	18	3	11	8	10	7	9	10	11	11	11	12	12	12	6	6	3	13	2	...	0	...	0	...	1	...	0	179	7.5	4
„ 25,	...	0	...	1	13	3	15	2	15	2	...	0	15	2	...	1	4	11	7	12	10	13	11	12	12	11	11	12	11	14	9	16	9	13	8	11	10	7	7	5	...	1	13	3	...	1	3	8	161	6.7	9
„ 26,	4	4	4	3	...	0	...	1	5	3	1	14	1	21	32	20	1	21	2	16	32	14	32	15	2	16	2	15	2	15	1	15	1	16	32	17	32	26	1	28	1	29	1	30	1	28	1	28	395	16.5	1
„ 27,	1	31	1	28	2	28	1	30	1	27	2	22	2	26	1	32	1	32	1	27	1	24	1	13	32	13	32	11	1	14	1	14	2	12	3	11	1	18	1	15	1	10	4	7	5	5	3	8	458	19.1	1
„ 28,	1	10	2	9	1	8	32	9	32	6	32	5	2	2	2	3	4	5	5	10	9	16	8	14	8	13	9	17	11	14	11	18	10	23	8	21	9	21	8	18	7	17	7	16	4	11	6	7	293	12.2	7
„ 29,	6	10	6	13	5	12	4	10	6	10	5	8	2	3	2	6	4	2	24	3	24	6	21	7	21	10	20	12	26	12	28	15	29	6	30	2	10	6	8	4	...	1	5	2	1	14	1	17	191	8.0	1
„ 30,	2	13	3	13	1	18	32	13	30	6	2	3	2	11	1	10	2	12	1	17	1	15	2	11	2	7	10	8	1	9	32	8	1	9	1	6	32	9	32	13	1	18	1	18	32	21	1	17	285	11.9	1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	404	...	399	...	421	...	412	...	396	...	361	...	384	...	381	...	407	...	388	...	432	...	404	...	411	...	377	...	383	...	378	...	366	...	355	...	399	...	402	...	397	...	420	...	414	...	422	9513	396.4	...
Means,	...	13.5	...	13.3	...	14.0	...	13.7	...	13.2	...	12.0	...	12.8	...	12.7	...	13.6	...	12.9	...	14.4	...	13.5	...	13.7	...	12.6	...	12.8	...	12.6	...	12.2	...	11.8	...	13.3	...	13.4	...	13.2	...	14.0	...	13.8	...	14.1	317.1	13.2	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1899.												
Nov. 1, ...	9	cum.	E	10	cum.	E	10	cum.	E	8	sm-cum. / cum.	ESE
„ 2, ...	10	nim.	...	10	nim.	...	10	cum.	E	10	cum-nim.	E
„ 3, ...	10	nim.	...	10	nim.	...	10	str-cum.	E	10	str-cum.	E
„ 4, ...	10	nim.	...	10	nim.	...	10	cum-nim.	ENE	10	str-cum.	E
„ 5, ...	10	cum-nim.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...
„ 6, ...	10	str-cum.	...	10	str-cum.	...	10	nim.	...	9	c-cum. / cum.	E
„ 7, ...	10	str-cum.	...	10	str-cum.	...	10	cum.	ENE	9	sm-cum. / cum.	ENE
„ 8, ...	9	cum.	E	7	sm-cum. / cum.	E	9	c-cum. / cum.	E	10	str-cum.	ENE
„ 9, ...	10	str-cum.	...	10	cum-nim.	...	10	nim.	ENE	10	cum.	ENE
„ 10, ...	10	nim.	...	10	nim.	...	10	cum-nim.	E	10	str-cum.	E
„ 11, ...	0	...	...	10	str-cum.	...	10	cum.	ESE	9	c-cum. / cum.	E
„ 12, ...	9	cum.	E	9	cum.	E	10	nim.	...	10	str. / cum.	ENE
„ 13, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	...
„ 14, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	nim.	ENE
„ 15, ...	9	cum.	NE	9	cum.	NNE	10	sm-cum.	...	4	c-cum.	SW
„ 16, ...	5	c-cum. / sm-cum.	NE	0	...	...	8	c-cum. / sm-cum.	...	9	c-str.	W
„ 17, ...	8	c-str. / sm-cum.	NNE	4	c-str. / sm-cum.	NE	8	c-cum.	...	4	c-cum.	...
„ 18, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 19, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 20, ...	6	sm-cum.	S	10	sm-cum.	S	10	sm-cum.	SSE	8	c-cum. / sm-cum.	SSE
„ 21, ...	10	str-cum.	...	10	str-cum.	...	10	str.	...	10	str. / cum.	N
„ 22, ...	9	cum.	ENE	6	c-cum. / sm-cum.	WNW	0	...	...	0	...	...
„ 23, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 24, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 25, ...	9	sm-cum.	SE	0	...	...	0	...	...	0	...	...
„ 26, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 27, ...	0	...	...	5	c-cum.	...	1	c-cum.	...	0	...	...
„ 28, ...	0	...	...	0	...	...	9	sm-cum.	SSW	8	c-cum. / sm-cum.	SW / SSE
„ 29, ...	10	str-cum.	...	10	str-cum.	...	9	sm-cum.	S	1	sm-cum.	...
„ 30, ...	0	...	...	0	..	...	1	sm-cum.	...	0	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.4	...	...	6.3	...	...	6.8	...	...	6.0	...	...

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	
1899.													
Nov. 1,...	10	sm-cum. / cum.	WSW / E	9	sm-cum. / cum.	E	10	cum.	...	10	cum.	...	9.5
„ 2,...	10	str-cum. / cum.	E	10	str-cum.	E	9	cum.	...	10	str-cum.	...	9.9
„ 3,...	7	sm-cum. / cum.	N	7	c-cum. / sm-cum.	NNW	7	cum.	...	10	nim.	...	8.9
„ 4,...	10	cum.	E	10	cum.	NE	10	cum.	ENE	10	nim.	...	10.0
„ 5,...	9	c-cum. / cum.	...	10	c-cum. / cum.	NE	10	str-cum.	...	10	nim.	...	9.9
„ 6,...	9	c-cum. / cum.	WSW / ENE	9	c-str. / sm-cum.	...	3	c-cum. / cum.	W / ..	9	c-cum. / cum.	E	8.6
„ 7,...	10	str-cum.	E	10	str.	...	10	str-cum.	E	7	cum.	E	9.5
„ 8,...	10	str-cum.	E	9	sm-cum. / cum.	E	10	cum.	E	10	str-cum.	E	9.3
„ 9,...	10	str. / cum.	ENE	8	c-cum. / str-cum.	SSE / E	7	c-cum. / cum.	ESE	8	c-str. / cum.	ESE	9.1
„ 10,...	9	c-cum. / str-cum.	E	8	c-cum. / cum.	E	5	c-str. / c-cum. / cum.	E	3	c-cum.	...	8.1
„ 11,...	8	c-cum. / cum.	E	10	c-cum. / cum.	E	10	cum.	E	10	nim.	E	8.4
„ 12,...	10	cum.	ENE	10	c-cum. / cum.	NE	10	cum.	NE	10	nim.	NE	9.7
„ 13,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	10.0
„ 14,...	10	cum.	ENE	10	str. / cum.	ENE	10	str-cum.	NE	8	sm-cum. / cum.	SW / NE	9.8
„ 15,...	6	c-cum. / sm-cum.	...	8	c-str. / c-cum	...	9	c-cum. / cum.	NNE / ..	8	c-str. / sm-cum.	ENE	7.9
„ 16,...	8	c-cum.	...	5	c-str. / c-cum.	W	8	c-cum. / cum.	W / ..	3	c-cum.	...	5.7
„ 17,...	4	c-cum.	...	2	c-cum.	...	1	c-cum.	..	0	...	...	3.9
„ 18,...	0	...	...	0	...	...	0	...	...	1	cum.	...	0.1
„ 19,...	0	...	...	0	...	...	6	sm-cum.	...	8	sm-cum.	...	1.7
„ 20,...	10	sm-cum.	SSE	9	c-str. / sm-cum.	SSE	10	str-cum.	...	10	str-cum.	...	9.1
„ 21,...	10	str-cum.	...	10	sm-cum. / cum.	N	4	sm-cum.	...	9	sm-cum.	E	9.1
„ 22,...	0	...	...	0	...	...	0	...	...	0	...	...	1.9
„ 23,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 24,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 25,...	1	sm-cum.	...	0	...	...	0	...	...	0	...	...	1.2
„ 26,...	0	...	...	6	c-cum.	...	0	...	...	0	...	...	0.8
„ 27,...	0	...	...	6	c-cum.	...	0	...	...	0	...	...	1.5
„ 28,...	9	sm-cum.	S	9	sm-cum.	S	10	nim.	...	4	cum.	...	6.1
„ 29,...	3	c-cum.	...	1	c-cum	...	0	...	...	0	...	...	4.3
„ 30,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.1	...	...	6.2	...	...	5.6	...	...	5.6	...	...	6.1

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF NOVEMBER, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	7.6	7.6	0.4	0.2	+7.2	+7.4	E 44° N
2 „	6.7	8.0	0.6	0.3	6.1	7.7	E 38° N
3 „	8.1	8.1	0.2	0.2	7.9	7.9	E 45° N
4 „	8.0	7.3	0.5	0.1	7.5	7.2	E 46° N
5 „	7.3	7.1	0.4	0.3	6.9	6.8	E 46° N
6 „	6.5	7.0	0.3	0.0	6.2	7.0	E 42° N
7 „	7.0	7.9	0.1	0.0	6.9	7.9	E 41° N
8 „	7.6	6.7	0.2	0.1	7.4	6.6	E 48° N
9 „	8.4	7.2	0.3	0.0	8.1	7.2	E 49° N
10 „	7.4	7.4	0.4	0.1	7.0	7.3	E 44° N
11 „	6.9	8.1	0.9	0.5	6.0	7.6	E 38° N
Noon.	6.4	7.8	1.1	0.4	5.3	7.4	E 35° N
1 p.	5.2	8.4	1.6	0.8	3.6	7.6	E 26° N
2 „	4.3	8.0	1.4	1.0	2.9	7.0	E 22° N
3 „	5.0	7.9	1.9	1.0	3.1	6.9	E 24° N
4 „	4.4	8.0	1.8	1.0	2.6	7.0	E 21° N
5 „	4.0	8.2	1.7	0.5	2.3	7.7	E 17° N
6 „	5.0	7.5	0.8	0.1	4.2	7.4	E 30° N
7 „	5.8	8.5	0.7	0.0	5.1	8.5	E 31° N
8 „	6.7	8.2	0.4	0.0	6.3	8.2	E 38° N
9 „	7.3	7.8	0.1	0.0	7.2	7.8	E 43° N
10 „	8.0	8.2	0.6	0.1	7.4	8.1	E 42° N
11 „	8.5	7.4	0.4	0.1	8.1	7.3	E 48° N
Midt.	9.0	7.6	0.1	0.1	+8.9	+7.5	E 50° N
Means,.....	6.7	7.7	0.7	0.3	+6.01	+7.46	E 39° N

PHENOMENA :—

Solar halo :—on the 6th, 15th and 16th.

Lunar corona :—on the 9th, 10th, 14th and 15th.

Haze :—on the 24th.

Unusual visibility :—on the 25th.

Dew :—on the 19th and 29th.

Rainbow :—on the 9th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF DECEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,...	30.156	30.142	30.140	30.137	30.136	30.155	30.170	30.179	30.190	30.194	30.183	30.156	30.121	30.100	30.081	30.078	30.084	30.090	30.105	30.129	30.147	30.152	30.147	30.138	30.138
„ 2,...	.140	.123	.111	.114	.097	.103	.107	.118	.130	.121	.107	.082	.059	.037	.023	.047	.062	.072	.087	.107	.111	.110	.095	.098	.094
„ 3,...	.101	.080	.070	.048	.048	.056	.053	.067	.053	.063	.053	.038	.001	29.980	29.958	29.961	29.960	29.976	29.993	.004	.014	.016	.010	.002	.025
„ 4,...	29.988	29.984	29.977	29.978	29.975	29.986	.004	.012	.018	.019	29.996	29.973	29.941	.930	.929	.937	.941	.971	.986	29.993	.008	.008	.008	29.993	29.981
„ 5,...	.993	.979	.963	.970	.957	.988	.016	.026	.044	.055	30.040	30.012	.985	.953	.947	.950	.960	.979	.998	30.013	.024	.033	.029	30.022	.997
„ 6,...	30.019	30.019	30.009	.998	.990	30.000	.007	.027	.035	.037	.020	29.993	.956	.931	.918	.925	.936	.945	.966	29.974	29.982	29.993	29.990	29.992	.986
„ 7,...	29.980	29.982	29.981	.976	.973	29.993	.005	.021	.041	.033	.026	.984	.953	.937	.931	.939	.944	.965	.981	30.005	30.020	30.038	30.035	30.049	.991
„ 8,...	30.050	30.055	30.054	30.064	30.067	30.089	.099	.124	.153	.134	.130	30.104	30.072	30.053	30.045	30.046	30.067	30.080	30.099	.120	.124	.132	.128	.120	30.091
„ 9,...	.104	.092	.084	.085	.087	.100	.127	.146	.159	.161	.149	.119	.073	.055	.036	.038	.046	.052	.068	.080	.082	.083	.072	.062	.090
„ 10,...	.049	.044	.024	.026	.028	.042	.047	.072	.070	.068	.055	.031	.000	29.976	29.967	29.975	29.986	29.998	.014	.021	.021	.024	.016	.002	.023
„ 11,...	29.983	29.971	29.966	29.962	29.964	29.977	29.994	.012	.019	.016	.001	29.973	29.949	.933	.924	.929	.934	.943	29.964	29.979	29.990	29.993	29.995	29.998	29.974
„ 12,...	.994	.992	.985	.985	.989	30.001	30.013	.023	.032	.031	.012	.984	.953	.937	.921	.918	.921	.921	.929	.938	.937	.937	.936	.929	.967
„ 13,...	.926	.910	.905	.906	.912	29.933	29.951	29.975	29.986	29.984	29.963	.931	.901	.885	.869	.877	.882	.887	.890	.899	.908	.926	.916	.904	.918
„ 14,...	.891	.880	.879	.880	.890	.911	.937	.964	.977	.980	.962	.933	.903	.877	.877	.885	.896	.906	.920	.945	.961	.967	.963	.955	.922
„ 15,...	.945	.931	.925	.924	.927	.943	.968	.996	30.017	30.038	30.031	30.002	.970	.950	.939	.944	.948	.972	.989	30.007	30.009	30.017	30.017	30.020	.976
„ 16,...	30.011	30.005	.993	.976	.981	.989	30.002	30.025	.042	.043	.033	29.997	.963	.936	.910	.906	.903	.913	.925	29.926	29.927	29.936	29.929	29.925	.966
„ 17,...	29.915	29.905	.891	.884	.888	.910	29.929	29.946	29.967	29.963	29.946	.921	.890	.874	.864	.871	.867	.872	.879	.890	.897	.896	.897	.896	.902
„ 18,...	.891	.883	.879	.876	.876	.887	.901	.919	.935	.937	.919	.884	.858	.843	.835	.836	.850	.861	.884	.900	.909	.913	.914	.911	.888
„ 19,...	.910	.904	.909	.915	.923	.941	.971	.993	30.002	30.005	.980	.938	.908	.894	.894	.895	.911	.919	.935	.954	.967	.967	.964	.970	.940
„ 20,...	.968	.956	.948	.948	.954	.960	.986	30.002	.013	.011	.990	.964	.935	.915	.899	.901	.912	.919	.927	.931	.926	.947	.943	.948	.950
„ 21,...	.944	.946	.946	.949	.957	.972	.983	29.990	29.990	29.989	.964	.938	.902	.892	.893	.895	.901	.919	.933	.943	.943	.943	.951	.957	.943
„ 22,...	.951	.952	.944	.933	.899	.920	.951	.980	.984	.994	.961	.936	.910	.878	.884	.897	.908	.923	.935	.948	.955	.965	.969	.961	.939
„ 23,...	.954	.950	.933	.932	.946	.956	.983	30.008	30.024	30.029	30.016	.986	.950	.932	.930	.935	.939	.950	.972	.980	.987	.990	.992	.990	.969
„ 24,...	.991	.994	.986	.987	.993	30.013	30.026	.048	.068	.066	.050	30.015	.981	.968	.973	.973	.987	.993	.996	.997	30.006	30.010	30.010	30.008	30.006
„ 25,...	30.009	30.006	.990	.991	30.007	.029	.045	.067	.077	.065	.046	.011	.983	.958	.961	.975	.986	.992	.997	30.009	.017	.023	.020	.039	.013
„ 26,...	.038	.014	.996	.991	29.993	.014	.037	.056	.071	.078	.057	.014	.976	.964	.962	.966	.984	.997	30.014	.030	.045	.043	.042	.045	.018
„ 27,...	.041	.040	30.040	30.046	30.057	.076	.101	.119	.119	.116	.097	.073	30.043	30.028	30.010	30.018	30.022	30.031	.041	.058	.075	.074	.072	.064	.061
„ 28,...	.049	.032	.018	.010	.017	.020	.038	.056	.075	.079	.061	.029	29.995	29.969	29.962	29.960	29.976	29.982	29.995	.006	.006	.015	.010	.002	.015
„ 29,...	29.994	29.976	29.970	29.954	29.948	29.979	29.999	.018	.034	.033	.010	29.974	.925	.891	.879	.877	.891	.910	.933	29.948	29.953	29.956	29.947	29.941	29.956
„ 30,...	.938	.923	.914	.913	.919	.932	.950	29.975	29.993	29.998	29.980	.952	.924	.908	.887	.875	.876	.891	.911	.919	.921	.927	.921	.923	.928
„ 31,...	.911	.904	.900	.895	.893	.904	.921	.934	.946	.940	.926	.911	.884	.853	.844	.851	.869	.884	.901	.924	.936	.945	.948	.950	.907
Means,.....	29.995	29.986	29.978	29.976	29.977	29.993	30.010	30.029	30.040	30.041	30.025	29.995	29.963	29.943	29.934	29.938	29.947	29.958	29.973	29.986	29.994	29.999	29.996	29.994	29.986

TABLE II.

TEMPERATURE, FOR THE MONTH OF DECEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	58.2	57.8	57.5	56.9	57.2	56.4	56.1	58.5	60.1	63.1	63.8	65.8	66.0	66.0	65.7	63.6	62.8	61.6	60.7	61.6	59.6	62.0	62.6	61.3	61.0	67.0	54.0
„ 2,	59.6	60.0	59.0	57.5	57.3	57.4	58.2	60.5	63.1	65.0	65.7	66.1	64.8	65.1	63.9	60.4	57.6	57.8	58.6	57.8	57.7	58.1	56.2	56.2	60.1	66.7	54.8
„ 3,	56.6	55.2	56.8	57.2	56.2	58.1	58.0	58.8	59.5	58.9	61.2	62.4	61.8	62.7	63.2	63.3	62.8	62.5	62.6	62.2	61.9	62.4	61.4	61.4	60.3	64.0	54.1
„ 4,	60.9	60.9	60.6	61.1	60.5	62.1	61.8	63.6	64.8	68.1	68.6	69.5	70.2	70.0	68.3	66.4	65.1	64.5	64.1	63.8	63.9	63.3	63.5	63.4	64.5	72.6	58.7
„ 5,	62.8	62.0	62.2	61.7	62.1	60.9	60.7	62.7	62.7	62.8	65.5	67.2	66.2	67.7	66.8	66.8	64.8	63.6	63.4	63.0	62.7	62.8	61.9	61.7	63.5	69.5	59.6
„ 6,	61.1	60.8	60.6	60.4	60.2	60.2	60.2	62.0	64.5	68.6	68.7	69.1	68.8	67.8	68.8	66.3	65.3	63.6	63.0	62.1	61.4	61.0	59.4	59.1	63.5	70.1	58.4
„ 7,	58.5	58.5	58.2	58.3	58.2	58.8	59.0	61.8	66.2	69.0	69.6	69.0	68.3	68.0	66.8	66.3	64.9	63.8	63.6	64.1	62.9	63.0	63.0	63.2	63.5	71.1	57.6
„ 8,	63.8	63.2	62.7	61.7	61.9	60.6	60.8	63.5	66.5	66.8	68.7	68.2	69.3	69.0	68.8	68.3	65.2	63.7	63.5	63.1	63.7	63.1	63.1	63.2	64.7	70.4	59.2
„ 9,	63.1	63.0	63.1	62.3	62.2	62.3	62.0	62.3	62.6	63.3	63.9	64.9	64.8	65.3	64.6	64.2	63.6	63.3	63.5	64.0	64.0	63.7	63.4	63.5	63.5	66.0	61.3
„ 10,	63.2	63.2	63.1	64.0	63.1	63.9	65.0	65.3	66.8	68.3	68.4	69.2	68.6	68.8	69.8	71.2	68.6	66.2	65.4	66.1	66.2	67.1	66.2	66.7	66.4	71.2	62.3
„ 11,	67.3	67.0	67.0	66.3	66.2	66.5	67.4	68.3	70.5	73.4	72.0	72.0	71.6	70.8	71.6	71.4	71.5	70.5	69.4	68.2	67.5	68.6	67.3	66.9	69.1	75.0	66.2
„ 12,	67.2	67.6	67.7	68.3	69.1	69.1	69.6	71.0	73.3	73.8	74.8	76.8	76.3	77.2	74.5	75.6	72.5	70.4	70.6	69.2	68.7	69.5	68.0	67.7	71.2	78.3	66.9
„ 13,	66.9	66.9	66.5	68.0	67.0	66.5	67.2	69.0	71.1	72.0	70.7	70.8	69.8	69.0	68.4	67.0	67.1	66.8	66.6	66.3	66.4	66.5	66.2	66.5	67.9	73.3	65.7
„ 14,	66.4	66.3	66.6	66.6	66.5	66.8	68.2	69.6	70.5	71.7	71.9	73.0	73.0	74.2	72.4	71.8	71.2	69.7	70.0	69.8	69.5	69.9	69.5	68.3	69.7	74.2	66.3
„ 15,	68.9	68.8	68.9	68.9	68.8	67.9	69.4	70.6	71.4	69.2	68.0	68.7	68.5	67.4	65.8	66.8	66.4	65.8	65.6	65.5	65.5	65.5	65.0	65.0	67.6	71.4	65.0
„ 16,	65.6	65.3	65.5	65.7	65.7	65.1	64.7	65.6	66.6	69.5	67.9	68.1	68.8	69.8	69.7	68.9	68.6	67.2	67.1	66.5	66.5	66.3	66.5	66.0	67.0	69.8	64.2
„ 17,	65.8	67.0	66.2	66.2	66.7	66.9	68.3	69.8	69.9	72.0	74.7	74.0	76.3	73.0	72.8	71.6	70.6	69.6	69.1	68.6	68.5	68.6	68.0	68.5	69.7	78.7	65.6
„ 18,	69.0	69.2	69.1	69.4	69.4	69.6	70.1	72.6	73.8	77.0	75.8	75.8	75.0	74.2	74.9	74.0	71.6	70.4	69.7	68.9	68.6	69.0	68.6	67.2	71.4	78.7	67.2
„ 19,	67.2	66.7	66.7	66.2	66.0	65.5	64.7	65.1	66.3	67.8	66.4	66.6	66.8	66.7	67.6	67.9	65.7	65.6	65.6	65.7	65.8	65.1	64.7	63.6	66.1	69.0	63.0
„ 20,	64.0	64.0	64.0	63.6	63.4	63.8	64.6	64.7	64.7	65.4	67.2	67.0	65.5	66.6	67.4	66.9	66.6	66.7	66.6	66.6	66.7	66.1	64.9	64.2	65.5	67.6	62.9
„ 21,	63.5	63.3	63.8	64.1	64.4	65.2	65.6	66.4	68.3	71.9	71.8	71.6	72.0	71.3	70.8	70.4	69.3	68.1	68.0	66.6	66.0	64.8	64.9	64.1	67.3	72.0	62.0
„ 22,	62.9	63.1	64.1	64.2	64.2	64.3	65.4	65.6	66.6	68.8	67.0	67.8	68.8	67.8	67.1	67.3	65.7	65.6	65.4	65.4	65.5	65.5	65.5	65.5	65.8	69.5	62.5
„ 23,	65.5	65.4	65.3	65.5	65.6	65.9	66.4	66.7	68.3	68.8	67.7	68.8	68.4	68.8	68.4	67.8	67.6	66.8	66.9	67.3	67.6	67.6	67.2	67.1	67.1	70.4	64.6
„ 24,	67.2	67.1	67.3	66.7	66.1	66.0	65.3	65.5	66.2	66.7	67.6	68.2	67.5	68.3	67.4	67.3	66.6	66.6	66.5	66.8	66.8	67.2	66.9	67.2	66.9	70.1	65.0
„ 25,	66.7	66.8	66.9	66.4	66.3	66.2	66.2	66.8	68.8	70.0	70.1	70.1	70.8	71.2	70.1	68.4	67.8	66.7	66.6	66.7	66.6	66.8	65.9	66.3	67.7	71.7	65.6
„ 26,	66.5	65.8	66.8	66.9	67.6	68.6	70.2	70.3	70.5	72.7	73.2	74.2	74.6	73.4	73.3	72.7	71.5	69.6	68.6	68.7	69.5	69.6	69.8	69.8	70.2	75.1	63.9
„ 27,	67.6	66.2	65.9	65.8	65.7	65.1	65.6	65.6	66.1	66.5	67.8	68.4	67.3	67.0	66.6	65.9	65.9	65.7	65.8	65.8	66.2	66.0	66.0	65.8	66.3	69.6	63.9
„ 28,	66.3	65.8	65.8	65.7	65.9	65.9	65.7	66.2	66.5	66.6	66.9	67.6	66.7	66.2	65.0	65.0	64.6	64.6	64.7	64.8	64.6	65.3	64.8	65.3	65.7	68.3	63.1
„ 29,	64.8	64.9	64.9	65.0	65.0	65.4	65.6	66.8	68.8	70.8	71.4	71.6	73.9	73.7	74.2	71.6	70.1	68.1	67.6	67.3	66.6	66.5	66.2	65.3	68.2	74.2	64.2
„ 30,	64.9	65.3	65.8	64.9	65.6	65.3	66.5	66.7	66.9	68.0	69.0	68.6	66.8	66.5	66.6	67.0	66.7	65.6	65.4	65.6	65.6	65.6	65.5	65.5	66.2	69.6	64.7
„ 31,	65.0	64.9	64.8	64.0	63.8	64.5	64.2	64.8	65.9	65.9	67.0	67.1	67.7	68.4	68.6	67.6	66.7	66.1	65.9	65.4	63.6	62.6	60.8	60.4	65.2	71.7	60.4
Means,	64.4	64.3	64.3	64.2	64.1	64.2	64.6	65.7	67.0	68.5	68.8	69.3	69.2	69.1	68.7	68.1	66.9	66.0	65.8	65.6	65.4	65.5	64.9	64.7	66.2	71.2	62.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF DECEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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, ...	45.9	45.4	45.1	45.0	45.0	45.7	46.9	47.1	49.1	51.0	51.3	53.0	54.0	54.3	53.2	52.3	53.5	54.6	54.2	51.4	51.6	50.6	53.3	54.4	50.3	119.5
„ 2, ...	54.2	53.9	53.2	51.6	48.5	49.5	50.0	51.7	52.4	53.4	53.8	54.7	54.4	55.6	55.3	55.7	55.7	55.6	55.6	55.2	55.4	55.2	54.5	54.7	53.7	105.0
„ 3, ...	54.8	54.7	54.3	55.3	54.7	56.4	57.5	58.0	58.8	58.5	60.3	61.0	60.4	61.1	61.3	61.3	61.1	60.7	60.2	60.8	60.5	60.7	60.1	60.4	58.9	91.7
„ 4, ...	60.6	60.4	59.8	59.6	59.1	58.4	58.5	57.6	58.0	59.4	59.6	59.4	59.0	61.4	62.1	61.8	60.7	59.8	59.6	60.8	60.7	60.7	59.8	59.2	59.8	123.5
„ 5, ...	59.5	58.7	57.0	56.9	56.0	55.5	55.6	57.6	57.6	56.4	57.1	58.9	58.8	60.0	60.8	61.2	60.4	59.7	59.6	59.7	60.0	60.5	59.6	59.6	58.6	121.8
„ 6, ...	59.4	59.3	58.9	58.4	58.4	58.2	57.7	58.1	58.5	59.8	60.0	59.8	60.0	60.5	60.9	61.0	61.1	60.1	60.0	59.8	59.3	59.5	59.1	58.1	59.4	119.7
„ 7, ...	58.1	57.9	57.1	57.5	57.1	57.4	57.5	59.0	58.5	58.7	58.5	58.5	58.6	59.2	59.5	60.0	60.3	60.1	60.2	60.2	60.1	60.5	60.3	60.3	59.0	121.4
„ 8, ...	60.3	60.3	60.0	59.3	59.2	57.3	53.0	55.0	56.0	54.8	56.7	56.0	57.0	57.5	58.0	59.8	58.7	59.6	60.1	60.2	59.5	58.6	58.8	59.0	58.1	121.5
„ 9, ...	58.3	58.1	58.2	57.2	57.1	56.6	57.0	57.3	57.0	56.7	56.7	57.6	57.6	58.0	57.9	58.3	58.1	59.0	59.6	59.4	60.1	60.3	60.1	60.2	58.2	124.2
„ 10, ...	59.9	60.0	59.7	59.8	59.1	59.1	58.9	59.3	59.7	60.5	60.7	61.0	61.0	61.5	61.4	61.4	62.6	62.5	62.4	62.1	62.0	62.0	61.9	62.7	60.9	128.3
„ 11, ...	63.0	63.5	63.8	64.6	64.7	65.8	66.6	67.3	67.2	68.2	67.0	67.1	67.8	67.2	67.8	67.8	67.6	66.6	65.7	65.5	65.1	65.5	65.9	66.2	66.1	132.0
„ 12, ...	66.6	66.7	66.8	66.9	67.0	67.1	67.5	68.3	69.3	68.9	69.0	69.8	69.9	70.0	67.8	69.4	68.6	67.3	67.6	66.7	66.1	66.7	65.9	65.3	67.7	129.8
„ 13, ...	64.6	64.8	64.6	64.7	64.6	64.3	64.7	64.7	64.5	63.8	65.0	64.3	65.0	64.8	64.6	64.4	64.3	63.6	63.5	63.4	63.2	62.6	62.7	63.6	64.2	123.2
„ 14, ...	63.6	63.6	64.2	64.3	64.3	64.2	64.9	65.6	66.4	66.6	66.4	67.0	67.2	68.0	67.3	66.7	66.6	66.3	66.2	66.4	66.3	65.7	65.9	65.7	65.8	133.7
„ 15, ...	*65.8	*65.9	*66.0	*66.1	*66.2	*66.4	66.7	67.6	67.3	64.6	64.6	65.8	64.6	64.5	63.6	63.6	62.8	62.9	62.7	62.9	63.0	62.6	62.7	62.7	64.7	123.9
„ 16, ...	62.8	62.7	62.9	62.7	62.6	61.8	61.7	62.4	62.5	64.5	63.8	64.0	63.6	63.0	63.1	63.0	63.3	63.4	63.6	63.4	63.0	63.9	62.9	62.7	63.1	129.8
„ 17, ...	62.6	63.3	63.4	63.4	63.5	63.6	64.2	64.7	64.7	65.0	66.1	65.7	66.5	66.1	66.5	65.4	65.6	64.8	65.0	65.1	64.8	64.7	64.1	64.7	64.7	129.5
„ 18, ...	65.0	65.7	65.1	66.5	66.6	66.7	67.1	68.0	68.8	69.2	69.0	69.0	68.6	68.7	69.0	69.2	68.6	68.5	68.2	67.8	67.3	67.4	66.6	66.2	67.6	129.7
„ 19, ...	66.1	65.9	65.4	64.3	63.8	62.7	62.6	62.9	63.3	63.7	63.2	63.4	63.6	63.5	63.7	63.4	63.3	63.0	63.6	62.7	63.0	62.6	62.0	61.8	63.5	125.0
„ 20, ...	61.4	61.4	61.4	61.2	61.4	61.7	61.8	62.5	62.6	62.8	64.0	63.8	64.3	64.6	65.6	64.9	64.4	64.5	64.6	64.7	64.6	64.1	63.8	63.3	63.3	91.1
„ 21, ...	63.2	62.8	63.2	63.4	63.2	62.6	62.4	61.1	61.0	61.2	62.0	64.7	64.1	64.5	64.3	64.1	63.6	63.0	62.4	61.4	58.9	59.1	59.4	60.0	62.3	126.6
„ 22, ...	59.5	60.2	60.2	60.6	61.9	61.6	62.1	62.6	62.8	63.7	62.8	63.0	63.5	63.2	63.1	63.6	62.8	62.7	62.5	62.7	62.9	63.0	63.2	63.3	62.4	125.5
„ 23, ...	63.5	63.5	63 3	63.7	63.7	64.0	64.4	64.6	64.9	65.2	65.4	65.1	65.5	65.9	65.9	65.0	65.0	64.6	64.7	65.1	65.6	65.7	65.4	65.2	64.8	127.8
„ 24, ...	65.0	65.2	65 3	65.0	63.2	63.3	63.0	63.2	63.6	64.0	64.2	64.4	64.5	64.4	63.8	63.6	63.7	63.7	64.2	64.6	64.5	64.6	64.8	65.9	64.2	128.6
„ 25, ...	65.1	64.5	64.4	64.4	64.3	64.0	64.0	64.3	65.0	65.0	65.4	65.0	65.5	65.0	65.0	65.2	64.8	64.4	64.3	63.7	63.6	63.7	63.5	63.5	64.5	126.5
„ 26, ...	63.3	62.5	62.7	62.6	62.7	62.9	64.0	64.5	66.4	66.0	66.0	66.7	67.0	67.6	67.8	67.5	67.0	66.4	65.9	66.0	66.2	66.4	66.5	66.5	65.5	137.0
„ 27, ...	65.5	64.5	63.9	63.6	63.5	63.2	63.1	63.5	63.6	63.6	63.8	64.2	63.7	63.6	63.5	62.8	63.2	63.2	63.1	63.1	63.6	63.1	63.3	63.2	63.6	125.6
„ 28, ...	63.3	63.0	62.9	62.9	62.8	62.5	63.0	62.6	63.0	63.4	63.6	64.3	63.6	63.3	62.5	62.3	62.4	62.3	62.4	62.6	62.6	63.1	62.6	62.9	62.9	112.9
„ 29, ...	62.5	62.5	62.4	62.3	62.4	62.4	62.6	63.2	64.0	64.3	64.9	65.2	65.8	65.7	66.3	65.2	67.1	64.6	64.6	64.7	64.6	64.5	64.8	65.2	64.2	127.6
„ 30, ...	63.8	64.0	64.3	63.2	64.2	63.9	64.7	64.9	63.6	63.0	63.5	63.7	62.6	62.5	62.3	61.9	62.3	62.2	62.1	61.6	61.6	62.3	62.3	61.9	63.0	122.4
„ 31, ...	61.6	61.6	61.5	61.2	61.2	61.1	61.7	61.6	62.2	62.2	63.4	63.4	64.1	64.0	64.1	64.1	64.5	64.3	64.4	62.6	57.5	56.4	55.0	54.8	61.6	124.5
Means, ...	61.6	61.5	61.3	61.2	61.0	61.0	61.1	61.6	62.0	62.2	62.5	62.9	63.0	63.2	63.2	63.1	63.0	62.7	62.7	62.5	62.2	62.1	62.0	62.0	62.1	122.9

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF DECEMBER, 1899.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1899.		
1 a.	84	0.516	Dec. 1,.....	41	0.225
2 „	84	.514	„ 2,.....	63	.330
3 „	83	.508	„ 3,.....	92	.481
4 „	83	.506	„ 4,.....	75	.453
5 „	82	.501	„ 5,.....	73	.429
6 „	82	.499	„ 6,.....	77	.454
7 „	80	.497	„ 7,.....	75	.441
8 „	77	.499	„ 8,.....	65	.398
9 „	73	.495	„ 9,.....	71	.417
10 „	67	.481	„ 10,.....	71	.463
11 „	68	.487	„ 11,.....	85	.602
Noon.	67	.493	„ 12,.....	83	.632
1 p.	68	.498	„ 13,.....	81	.552
2 „	70	.506	„ 14,.....	80	.584
3 „	71	.512	„ 15,.....	85	.574
4 „	73	.516	„ 16,.....	79	.527
5 „	78	.529	„ 17,.....	75	.546
6 „	81	.531	„ 18,.....	82	.626
7 „	82	.534	„ 19,.....	87	.553
8 „	82	.530	„ 20,.....	88	.554
9 „	82	.522	„ 21,.....	74	.497
10 „	81	.518	„ 22,.....	81	.520
11 „	83	.522	„ 23,.....	88	.584
Midt.	84	.525	„ 24,.....	86	.566
			„ 25,.....	83	.566
			„ 26,.....	76	.567
			„ 27,.....	86	.554
			„ 28,.....	85	.538
			„ 29,.....	79	.548
			„ 30,.....	83	.534
			„ 31,.....	81	.502
Means,.....	78	0.510	Means,.....	78	0.510

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.
1899.														
Dec. 1,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 2,.....	...	...	...	0.2	0.1	...	...	...	...	...	...	...	...	0.3
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.1	...	...	7.6
„ 5,.....	...	...	0.1	...	...	0.3	0.9	...	0.7	1.0	0.9	0.4	...	4.3
„ 6,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.3
„ 7,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.4	...	9.3
„ 8,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.7
„ 9,.....	...	...	...	...	...	0.2	...	0.5	0.9	0.5	...	...	...	2.1
„ 10,.....	...	...	...	0.7	1.0	1.0	0.9	0.9	1.0	0.1	...	...	...	5.6
„ 11,.....	...	...	...	0.2	0.3	0.6	0.3	...	...	0.1	...	...	...	1.5
„ 12,.....	...	...	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	7.3
„ 13,.....	...	0.1	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.3	...	7.8
„ 14,.....	...	...	0.2	0.8	0.8	0.9	0.8	1.0	1.0	1.0	1.0	0.3	...	7.8
„ 15,.....	...	...	...	...	0.1	0.1	0.6	0.6	0.6	0.9	0.8	...	...	3.7
„ 16,.....	...	...	...	0.4	1.0	0.9	1.0	1.0	0.9	0.4	0.4	...	...	6.0
„ 17,.....	...	...	...	0.1	0.4	1.0	1.0	0.6	0.5	0.2	0.1	...	...	3.9
„ 18,.....	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.7
„ 19,.....	...	...	...	0.4	0.8	0.3	...	...	...	0.7	0.9	...	...	3.1
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.2	...	7.7
„ 22,.....	...	...	0.2	0.5	0.7	0.9	1.0	1.0	1.0	1.0	0.8	0.2	...	7.3
„ 23,.....	...	...	0.2	0.6	0.7	0.1	0.8	0.6	1.0	0.9	1.0	0.2	...	6.1
„ 24,.....	...	...	...	...	...	0.2	0.4	0.9	0.7	...	...	...	...	2.2
„ 25,.....	...	...	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	8.2
„ 26,.....	...	...	...	0.9	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.3	...	7.8
„ 27,.....	...	...	...	0.1	0.9	1.0	1.0	0.4	...	...	...	...	...	3.4
„ 28,.....	...	...	...	...	...	...	0.7	0.5	...	...	...	...	...	1.2
„ 29,.....	...	...	0.3	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	...	...	8.1
„ 30,.....	...	...	...	0.8	1.0	1.0	1.0	0.6	0.7	1.0	0.3	...	...	6.4
„ 31,.....	...	...	0.5	0.9	1.0	0.8	0.9	0.8	1.0	0.6	0.2	...	...	6.7
Sums,.....	...	1.5	7.6	16.2	20.8	21.3	23.1	21.4	21.4	19.4	16.4	3.8	...	172.9

TABLE VI.

RAINFALL, FOR THE MONTH OF DECEMBER, 1899.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.225	0.020	...	...	0.010	0.025	0.035	0.055	0.140	0.510	6
„ 3,	0.120	...	...	...	0.055	0.215	0.025	0.265	0.210	0.290	0.015	0.005	...	...	...	...	...	...	...	...	...	...	...	...	1.200	8
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	0.010	...	...	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	1
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	..	...	0.010	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	2
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.005	...	...	...	...	...	...	...	...	...	...	0.015	2
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
„ 27,	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	3
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.130	0.015	...	...	0.065	0.240	0.030	0.265	0.210	0.290	0.015	0.005	0.010	0.005	...	0.225	0.020	...	...	0.010	0.025	0.035	0.055	0.140	1.790	22

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF DECEMBER, 1899.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Dec. 1,	2	15	2	15	2	13	2	12	3	14	3	9	4	5	2	4	26	3	22	3	5	10	5	14	8	15	7	11	24	9	25	9	25	6	16	2	...	1	...	0	12	3	5	10	5	5	5	4	192	8.0	3
" 2,	6	2	3	5	2	9	32	2	32	6	...	1	24	3	32	7	32	6	32	2	9	6	6	10	9	11	10	11	10	12	10	14	10	11	8	10	8	10	7	8	11	4	...	1	30	5	30	7	163	6.8	7
" 3,	24	6	29	6	2	4	3	3	31	4	19	4	...	1	15	4	6	4	30	6	25	5	26	4	25	4	23	4	24	2	...	0	...	1	...	0	...	0	...	1	...	0	...	0	...	0	...	0	63	2.6	27
" 4,	...	0	...	0	31	5	2	6	32	7	4	5	...	1	1	5	6	4	12	2	23	3	16	5	15	3	24	7	24	7	27	7	27	5	27	5	27	4	...	0	...	0	31	3	32	7	3	8	99	4.1	30
" 5,	21	8	6	4	2	6	5	4	3	4	1	2	...	1	3	2	25	5	25	3	24	3	22	7	24	4	24	6	11	13	11	14	11	14	12	9	11	10	10	8	10	6	9	6	...	1	...	0	140	5.8	11
" 6,	...	0	...	0	...	0	...	0	...	0	13	3	32	2	...	0	32	3	7	2	10	5	11	4	7	2	8	2	24	4	25	4	4	3	6	5	...	1	6	2	13	3	...	1	...	0	...	0	46	1.9	7
" 7,	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	1	...	0	...	1	10	4	10	11	10	15	9	17	9	15	9	15	9	15	9	12	9	10	9	9	9	5	8	7	8	7	7	9	153	6.4	9
" 8,	7	11	7	9	5	4	5	3	3	4	5	3	1	16	2	12	32	13	2	10	6	9	5	7	9	9	11	9	11	8	10	9	9	16	8	19	8	14	8	14	8	19	7	10	7	22	8	28	287	12.0	7
" 9,	7	28	7	26	7	31	7	31	6	26	7	31	8	23	7	24	7	24	7	18	7	24	8	18	9	21	9	18	9	14	10	17	8	17	8	21	8	19	7	22	8	21	8	24	8	26	8	28	552	23.0	8
" 10,	8	31	7	24	8	25	6	20	8	19	8	11	7	9	8	14	8	20	7	21	9	23	9	18	9	17	9	12	10	8	10	5	10	9	10	16	10	12	11	14	10	13	11	12	10	12	11	12	377	15.7	9
" 11,	12	12	11	11	...	1	...	1	...	0	11	3	...	1	...	1	10	4	10	10	11	17	10	17	11	17	9	13	10	10	10	12	10	12	9	13	9	15	9	12	10	9	11	10	10	12	10	11	224	9.3	10
" 12,	10	7	10	10	9	3	...	0	...	0	...	0	...	1	...	1	...	1	23	6	24	8	24	4	24	5	24	5	9	7	31	4	31	5	31	2	...	0	...	0	...	0	...	0	...	0	...	0	69	2.9	25
" 13,	...	0	5	2	...	0	5	5	7	12	8	18	10	17	10	14	7	15	7	20	9	23	8	24	8	23	9	26	9	27	9	24	8	23	7	22	7	24	7	23	8	20	7	16	8	18	9	16	412	17.2	8
" 14,	9	18	8	19	8	18	8	21	9	19	10	15	10	14	10	17	9	16	11	15	10	15	10	18	10	18	8	22	10	17	11	13	10	13	11	13	9	14	11	12	10	14	12	11	12	8	9	9	369	15.4	10
" 15	10	7	11	7	11	6	11	7	11	3	...	0	11	3	10	9	8	22	8	30	8	30	8	31	8	28	9	31	9	36	8	32	8	29	8	27	8	23	7	22	7	24	9	26	9	26	8	25	484	20.2	8
" 16,	7	21	7	16	7	15	7	16	7	19	7	19	8	18	8	19	8	20	8	23	7	25	9	17	10	22	9	16	10	20	10	16	9	18	10	14	9	14	9	12	8	15	6	13	7	11	9	11	410	17.1	8
" 17,	9	11	11	9	9	8	9	15	9	14	10	9	11	8	11	7	11	11	10	3	...	1	9	7	...	0	9	5	9	10	8	14	7	14	8	12	8	10	9	7	9	9	9	13	10	10	10	13	220	9.2	9
" 18,	10	13	11	13	9	5	9	9	9	4	...	1	...	0	...	0	8	2	11	8	11	10	10	14	9	18	9	18	9	14	9	14	4	6	1	4	...	1	...	1	...	0	...	1	...	0	...	0	156	6.5	9
" 19,	...	0	...	1	8	23	8	26	8	26	8	30	7	25	8	25	8	25	8	23	9	21	7	21	7	16	8	15	9	11	10	16	9	19	9	16	9	19	7	15	7	17	7	19	7	21	9	21	451	18.8	8
" 20,	7	23	7	24	7	24	7	20	8	17	6	13	5	10	5	9	6	11	5	6	11	5	...	1	20	3	...	1	25	3	...	1	...	1	...	0	...	0	...	1	7	14	2	2	...	0	...	0	189	7.9	7
" 21	...	0	...	0	...	1	...	0	29	2	2	6	2	5	1	9	1	9	1	11	24	4	24	9	24	10	24	12	22	13	23	12	26	12	31	5	3	5	...	1	...	1	14	2	5	2	31	3	134	5.6	28
" 22,	...	1	6	2	9	12	8	16	7	23	7	15	6	14	5	12	9	18	8	15	8	19	9	17	9	21	8	23	9	19	9	20	9	23	9	23	8	20	9	20	9	21	9	15	9	15	9	13	397	16.5	8
" 23,	10	13	9	13	9	14	9	13	9	12	11	13	9	14	10	14	9	14	10	15	10	19	8	18	8	22	8	19	8	18	8	17	10	15	8	14	7	14	8	12	9	14	10	14	9	19	8	15	365	15.2	9
" 24,	8	12	7	9	8	14	7	24	7	25	7	24	7	26	7	27	8	25	7	25	8	25	8	23	8	24	9	22	8	18	8	19	10	13	10	13	9	21	9	22	9	21	10	18	9	15	8	13	478	19.9	8
" 25,	8	15	7	20	7	23	7	20	7	17	8	16	8	16	8	18	8	19	7	21	8	25	7	24	8	17	8	19	9	24	9	23	9	20	8	16	8	14	8	12	10	16	7	16	8	15	8	9	435	18.1	8
" 26	9	9	12	3	...	0	...	0	18	2	8	3	...	1	.	0	...	0	12	4	10	11	10	10	10	13	9	6	29	3	26	6	26	4	2	3	7	7	8	7	8	6	8	10	7	16	7	20	144	6.0	8
" 27,	8	26	8	25	7	23	7	24	7	22	8	20	8	17	9	17	8	25	8	28	7	29	8	27	8	25	8	24	7	26	7	23	7	22	7	19	7	21	7	22	7	22	7	23	7	22	8	23	555	23.1	8
" 28,	6	20	7	23	7	24	8	23	7	24	7	28	7	32	7	37	7	33	7	32	6	29	8	28	7	32	7	30	7	27	7	24	7	24	8	22	9	19	7	22	7	20	8	19	8	17	7	17	606	25.3	7
" 29,	8	17	10	18	9	16	8	21	8	19	9	14	10	6	10	2	9	3	...	1	9	3	24	7	25	7	25	5	28	6	28	6	28	7	29	5	23	3	26	3	...	0	...	0	...	1	...	0	170	7.1	8
" 30,	27	2	3	5	7	6	10	2	7	6	11	8	11	12	7	14	7	33	7	31	7	33	7	27	8	26	8	27	7	29	7	28	8	25	7	23	8	23	8	24	7	26	7	28	7	28	7	28	494	20.6	7
" 31,	7	26	7	25	7	22	8	21	7	17	8	15	9	20	8	19	8	22	9	25	9	22	8	17	9	17	9	14	9	15	9	10	8	8	8	8	8	8	5	9	1	10	32	10	32	14	1	15	389	16.2	7
Sums,	...	354	...	344	...	355	...	365	...	367	...	339	...	321	...	344	...	410	...	420	...	466	...	459	...	465	...	450	...	445	...	428	...	410	...	373	...	356	...	337	...	353	...	349	...	355	...	358	9223	384.3	...
Means,	...	11.4	...	11.1	...	11.5	...	11.8	...	11.8	...	10.9	...	10.4	...	11.1	...	13.2	...	13.5	...	15.0	...	14.8	...	15.0	...	14.5	...	14.4	...	13.8	...	13.2	...	12.0	...	11.5	...	10.9	...	11.4	...	11.3	...	11.5	...	11.5	297.5	12.4	...

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
1899.												
Dec. 1, ...	...	...	...	...	...	...	0	...	...	0	...	...
„ 2, ...	...	...	...	...	...	...	9	sm-cum.	S	10	sm-cum.	...
„ 3, ...	...	...	...	...	...	...	10	nim.	...	10	nim.	...
„ 4, ...	...	...	...	...	...	...	0	...	...	1	sm-cum.	SSW
„ 5, ...	...	...	...	...	...	...	10	str-cum.	...	10	str.	...
„ 6, ...	...	...	...	...	...	...	1	sm-cum.	...	0	...	...
„ 7, ...	...	...	...	...	...	...	0	...	...	1	c-str.	...
„ 8, ...	...	...	...	...	...	...	2	c-cum.	...	2	c-cum.	...
„ 9, ...	...	...	...	...	...	...	10	cum.	ENE	10	sm-cum. / cum.	S / ENE
„ 10, ...	...	...	...	...	..	...	10	R-cum.	ESE	5	sm-cum.	S
„ 11, ...	...	...	...	...	...	...	10	cum.	...	9	sm-cum.	WSW
„ 12, ...	...	...	...	...	...	...	10	cum.	...	5	sm-cum.	...
„ 13, ...	...	...	...	...	...	...	10	sm-cum.	S	1	sm-cum.	...
„ 14, ...	...	...	...	...	...	...	10	cum.	ESE	7	cum.	ESE
„ 15, ...	...	...	...	...	...	...	6	sm-cum. / cum.	E	10	cum.	E
„ 16, ...	...	...	...	...	...	...	10	str-cum.	ENE	8	sm-cum. / cum.	ENE
„ 17, ...	...	...	...	...	...	...	10	cum.	S	8	sm-cum.	S
„ 18, ...	...	...	...	...	...	...	9	sm-cum.	...	1	cum.	...
„ 19, ...	...	...	...	...	...	...	10	nim.	E	9	sm-cum. / cum.	E
„ 20, ...	...	...	...	...	...	...	10	cum.	NE	10	str-cum.	...
„ 21, ...	...	...	...	...	...	...	10	sm-cum.	...	9	c-cum.	W
„ 22, ..	...	...	...	...	...	...	10	cum.	ESE	9	sm-cum. / cum.	E
„ 23, ...	...	...	...	...	...	...	10	sm-cum. / cum.	ESE	8	sm-cum. / cum.	SE
„ 24, ...	...	...	...	...	...	...	10	cum-nim.	ESE	10	cum.	E
„ 25, ...	...	...	...	...	...	...	9	cum.	E	1	cum.	ESE
„ 26, ...	...	...	...	...	...	...	0	...	...	1	sm-cum.	...
„ 27, ...	...	...	...	...	...	...	10	cum.	E	8	c-str. / sm-cum. / cum.	E
„ 28, ...	...	...	...	...	...	...	10	sm-cum. / cum.	E	10	str-cum.	E
„ 29, ...	...	...	...	...	...	...	10	sm-cum. / cum.	W / ..	2	sm-cum.	WNW
„ 30, ...	...	...	...	...	..	...	5	sm-cum. / cum.	ENE	5	c-str. / cum.	W / E
„ 31, ...	...	...	...	...	...	...	8	cum.	ENE	2	sm-cum. / cum.	E
Means, ...	...	...	...	...	...	...	7.7	...	...	5.9	...	...

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	
1899.													
Dec. 1,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 2,...	10	sm-cum.	...	10	nim.	...	10	str-cum.	...	10	nim.	...	9.8
„ 3,...	10	nim.	...	10	nim.	NE	10	str-cum.	...	8	str-cum.	...	9.7
„ 4,...	9	sm-cum.	SW	9	sm-cum.	SW	9	sm-cum.	...	10	str-cum.	...	6.3
„ 5,...	10	sm-cum.	SW	2	sm-cum. / cum.	...	0	...	...	0	...	...	5.3
„ 6,...	1	sm-cum.	...	3	c-cum.	WSW	0	...	...	0	...	...	0.8
„ 7,...	7	c-str. / c-cum.	...	2	c-cum.	...	4	c-cum.	...	6	cum.	...	3.3
„ 8,...	2	c-cum.	...	2	c-cum.	...	0	...	...	1	cum.	...	1.5
„ 9,...	10	sm-cum. / cum.	SSE	10	sm-cum. / cum.	S / E	10	sm-cum.	S	10	cum.	E	10.0
„ 10,...	8	cum.	E	10	cum.	ENE	5	c-str. / cum.	ESE	10	cum.	ESE	8.0
„ 11,...	10	sm-cum. / cum.	ESE	10	sm-cum. / cum.	ESE	10	sm-cum. / cum.	ESE	10	cum.	ESE	9.8
„ 12,...	4	sm-cum. / cum.	NNE	1	c-cum. / cum.	...	0	...	...	0	...	...	3.3
„ 13,...	1	sm-cum.	...	2	sm-cum. / cum.	S / ..	1	sm-cum.	SSE	9	c-cum. / cum.	SE	4.0
„ 14,...	2	sm-cum. / cum.	E	2	sm-cum. / cum.	E	2	sm-cum. / cum.	E	8	cum.	E	5.2
„ 15,...	9	sm-cum. / cum.	E	5	cum.	E	2	sm-cum. / cum.	E	5	cum.	E	6.2
„ 16,...	2	sm-cum. / cum.	SE	4	cum.	...	10	cum.	SE	4	cum.	SE	6.3
„ 17,...	10	sm-cum. / cum.	SSE	10	cum.	SSE	0	...	...	0	...	...	6.3
„ 18,...	1	cum.	...	0	...	...	0	...	...	0	...	...	1.8
„ 19,...	10	cum.	E	1	sm-cum / cum.	...	10	str-cum.	...	10	nim.	E	8.3
„ 20,...	10	nim.	NE	10	str-cum.	NNE	10	str-cum.	...	10	c-cum. / cum.	NNE	10.0
„ 21,...	8	c-cum.	W	9	c-cum. / cum.	N	0	...	...	0	...	...	6.0
„ 22,...	3	sm-cum. / cum.	SSE	5	sm-cum. / cum.	SW / ..	4	sm-cum. / cum.	SW	9	cum.	SW	6.7
„ 23,...	7	sm-cum. / cum.	SSE	4	c-cum. / cum.	SE	9	sm-cum. / cum.	SE	4	sm-cum. / cum.	SSW	7.0
„ 24,...	9	sm-cum. / cum.	E	10	cum.	SSE	9	cum.	SSE	10	cum-nim.	...	9.7
„ 25,...	0	...	...	0	...	...	0	...	...	0	...	...	1.7
„ 26,...	6	sm-cum. / cum.	E	2	c-str. / cum.	W / ESE	0	...	...	3	sm-cum. / cum.	ESE	2.0
„ 27,...	9	c-cum. / cum.	E	10	sm-cum. / cum.	E	2	sm-cum. / cum.	E	6	cum.	E	7.5
„ 28,...	10	str-cum.	E	10	cum.	E	3	sm-cum. / cum.	E	2	cum.	...	7.5
„ 29,...	6	cum.	NNE	1	c-cum.	...	0	...	...	0	...	...	3.2
„ 30,...	6	c-str. / cum.	E	1	c-cum. / cum.	...	1	cum.	...	0	...	...	3.0
„ 31,...	6	sm-cum. / cum.	W / E	8	cum.	N	9	cum.	ENE	10	cum.	...	7.2
Means,...	6.3	...	...	5.3	...	...	4.2	...	...	5.0	...	...	*5.7

* Mean of 6 reduced to mean of 8 observations is 5.9.

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF DECEMBER, 1899.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.4	10.2	1.2	0.5	+0.2	+ 9.7	E 2° N
2 „	2.1	10.1	1.2	0.1	0.9	10.0	E 5° N
3 „	2.2	10.5	0.5	0.0	1.7	10.5	E 9° N
4 „	2.0	11.1	0.4	0.0	1.6	11.1	E 8° N
5 „	2.5	10.7	0.5	0.1	2.0	10.6	E 11° N
6 „	1.6	10.0	1.0	0.1	0.6	9.9	E 4° N
7 „	1.8	9.1	1.1	0.1	0.7	9.0	E 4° N
8 „	2.3	9.6	1.1	0.0	1.2	9.6	E 7° N
9 „	2.0	11.8	0.6	0.3	1.4	11.5	E 7° N
10 „	2.1	12.0	1.1	0.5	+1.0	11.5	E 5° N
11 „	1.5	13.7	1.9	0.7	−0.4	13.0	E 2° S
Noon.	1.1	13.3	1.5	1.0	0.4	12.3	E 2° S
1 p.	0.4	13.5	2.0	1.0	1.6	12.5	E 7° S
2 „	0.3	13.1	1.6	1.3	1.3	11.8	E 6° S
3 „	0.7	12.4	2.6	1.4	1.9	11.0	E 10° S
4 „	1.0	11.9	2.3	1.4	1.3	10.5	E 7° S
5 „	1.3	11.5	1.9	1.0	0.6	10.5	E 3° S
6 „	1.2	11.0	1.4	0.3	0.2	10.7	E 1° S
7 „	0.6	11.0	1.1	0.2	0.5	10.8	E 3° S
8 „	1.0	10.4	1.1	0.1	0.1	10.3	E
9 „	1.1	10.9	1.3	0.0	−0.2	10.9	E 1° S
10 „	1.6	10.3	1.5	0.0	+0.1	10.3	E
11 „	1.7	10.3	1.1	0.1	0.6	10.2	E 3° N
Midt.	1.5	10.5	1.0	0.1	+0.5	+10.4	E 3° N
Means,.....	1.5	11.2	1.3	0.4	+0.17	+10.77	E 1° N

PHENOMENA :—

Lunar corona :—on the 10th.

Fog :—on the 7th.

Slight fog :—on the 11th, 12th and 25th.

Haze :—on the 1st, 4th, 6th and 12th.

Unusual visibility :—on the 5th.

Dew :—on the 5th, 6th, 7th and 12th.

Thunder and lightning :—on the 2nd and 3rd.

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS OBSERVED AT THE HONGKONG OBSERVATORY IN THE YEAR 1899.

No.	1899. +	R. A. 1900·0. h. m. s.	Decl. S. 1900·0. ° ′	Mag.	Posn.	Wires.
12437	.945	0 0 46.01	42 18		W	7
	.961	45.97	„		W	7
3	.947	0 1 33.02	36 38		E	7
	.950	32.90	„		E	7
13	.816	0 2 40.29	23 4		W	7
	.961	40.21	„		W	7
24	.950	0 3 54.37	40 18		E	7
* 27	.947	0 4 20.19	46 18		E	7
	.961	20.21	„		W	7
32	.816	0 4 53.21	45 13		W	7
42	.950	0 6 14.58	40 56		E	7
* 43	.947	0 6 29.78	28 21		E	7
* 45	.816	0 6 39.07	35 42		W	7
	.961	38.92	„		W	7
61	.816	0 8 37.74	26 35		W	7
63	.947	0 8 40.28	26 51		E	7
	.950	40.25	„		E	7
66	.961	0 9 10.32	36 22		W	7
77	.816	0 10 28.60	41 0		W	4
	.947	28.75	„		E	7
	.950	28.71	„		E	7
83	.961	0 11 29.99	33 19		W	7
96	.816	0 13 32.44	47 5		W	7
	.947	32.50	„		E	7
97	.950	0 13 39.29	30 31		E	7
* 101	.961	0 14 19.96	9 23		W	7
103	.816	0 14 23.31	47 3		W	5
113	.816	0 15 58.10	35 29		W	7
	.947	58.16	„		E	7
	.950	58.00	„		E	7
124	.961	0 17 27.41	51 33		W	7
128	.816	0 17 49.36	39 49		W	7
132	.947	0 18 21.56	30 24		E	7
	.950	21.50	„		E	7
144	.961	0 19 59.90	42 26		W	7
147	.816	0 20 25.44	39 49		W	7
154	.947	0 21 17.76	40 12		E	7
* 155	.950	0 21 20.37	42 51		E	7
	.961	20.45	„		W	7
161	.816	0 22 31.19	32 23		W	7
174	.816	0 24 36.97	33 8		W	7
	.947	36.96	„		E	7
* 179	.950	0 25 22.66	24 20		E	7
	.961	22.64	„		W	7
* 187	.816	0 26 35.59	49 21		W	7
	.947	35.56	„		E	6
	.950	35.45	„		E	5
193	.857	0 27 40.46	25 55	7.0	W	7
196	.816	0 28 38.69	38 40		W	7
197	.950	0 28 44.29	30 7		E	7
	.961	44.18	„		W	7
	.994	44.23	„		W	7
* 211	.947	0 29 42.24	52 56		E	7
223	.816	0 31 49.89	49 41		W	7
	.991	50.01	„		E	5
	.994	49.62	„		W	7
* 225	.857	0 32 12.50	25 19		W	7
	.947	12.50	„		E	7
	.950	12.53	„		E	7
	.961	12.51	„		W	7
241	.816	0 34 15.86	42 27		W	6
	.857	15.94	„	7.0	W	6
	.950	15.86	„		E	7
	.961	15.78	„		W	7
	.994	16.02	„		W	7
246	.991	0 35 2.65	34 30		E	7
* 258	.816	0 36 36.04	46 38		W	7
	.950	35.97	„		E	7
	.961	35.99	„		W	7
	.994	35.98	„		W	7
268	.857	0 37 47.19	36 34		W	7
	.991	47.28	„		E	7
* 277	.950	0 38 34.24	18 32		E	7
	.961	34.16	„		W	7
	.994	34.17	„		W	7
288	.816	0 39 53.17	31 56		W	7
	.857	53.09	„	6.9	W	7
	.991	53.24	„		E	7
307	.816	0 41 45.08	30 44		W	7
	.857	45.13	„	6.7	W	7
	.950	45.01	„		E	3
310	.961	0 42 6.60	54 39		W	7
314	.876	0 42 50.07	31 54	6.7	W	7
	.991	49.88	„		E	7
	.994	49.85	„		W	7
319	.816	0 43 47.95	29 2		W	7
	.857	47.92	„	6.8	W	7
	.871	47.93	„		W	7
325	.876	0 44 21.42	43 6	7.0	W	6
	.961	21.23	„		W	7
	.991	21.57	„		E	7
336	.857	0 46 37.28	39 4	7.1	W	7
	.871	37.43	„		W	7
	.876	37.41	„	6.7	W	7
344	.879	0 48 6.21	30 54	6.7	E	7
	.961	6.13	„		W	7
	.991	6.23	„		E	7
	.994	6.27	„		W	7
356	.871	0 49 50.75	49 29	7.0	W	7
	.876	50.85	„	7.0	W	7
359	.857	0 50 29.28	25 12		W	7
	.879	29.15	„	6.7	E	7
	.961	29.11	„		W	7
	.991	29.17	„		E	7
	.994	29.24	„		W	7
370	.857	0 51 56.49	25 54	7.1	W	7
	.871	56.47	„	6.7	W	7
	.876	56.52	„	6.8	W	7
	.991	56.43	„		E	7
	.994	56.51	„		W	7
381	.876	0 54 17.65	51 48	6.9	W	7
	.879	17.42	„	7.1	E	7
	.961	17.62	„		W	7
386	.871	0 55 23.79	50 17	6.9	W	7
388	.857	0 55 52.48	36 47		W	7
	.991	52.48	„		E	7
	.994	52.41	„		W	7
391	.876	0 56 37.27	33 54	6.9	W	7
	.879	37.35	„	6.8	E	7
	.961	37.20	„		W	7
406	.857	0 58 11.79	37 49		W	7
	.961	11.81	„		W	7
411	.876	0 58 41.60	41 33	6.6	W	7
	.879	41.71	„		E	7
421	.857	1 0 29.37	38 6		W	7
	.871	29.38	„	6.8	W	7
	.961	29.26	„		W	7
	.994	29.31	„		W	7
425	.876	1 0 45.73	40 48	6.7	W	7
	.879	45.68	„	6.8	E	7
	.991	45.84	„		E	7
* 430	.961	1 1 37.33	47 15		W	4
435	.857	1 2 21.77	24 32	6.5	W	7
	.871	21.76	„	6.5	W	6
	.991	21.79	„		E	7
440	.876	1 2 56.65	42 17	6.8	W	7
	.879	56.62	„	6.8	E	7
	.994	56.69	„		W	7
448	.961	1 4 6.92	47 12		W	7
453	.857	1 5 15.48	26 44		W	7
	.871	15.42	„	6.7	W	7
	.876	15.42	„		W	7
	.879	15.46	„	6.7	E	7
* 466	.871	1 8 8.95	38 23		W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
466	.876	1 8 8.96	38 23		W	7
467	.857	1 8 17.20	36 17		W	7
	.879	17.14	"	7.0	E	7
	.991	17.15	"		E	7
	.994	17.28	"		W	6
478	.876	1 10 3.75	50 57	6.8	W	7
	.879	3.82	"	6.7	E	6
486	.857	1 11 5.42	24 30	6.9	W	7
	.871	5.50	"	6.6	W	7
	.991	5.47	"		E	7
489	.890	1 11 43.74	42 32	6.5	W	7
	.994	43.49	"		W	7
497	.857	1 12 47.59	37 48	7.0	W	7
	.876	47.63	"	6.9	W	7
	.879	47.64	"	6.9	E	7
503	.871	1 13 47.51	32 38	6.8	W	7
	.890	47.70	"	6.9	W	7
	.991	47.45	"		E	7
509	.876	1 15 12.73	54 10	6.9	W	7
	.879	12.75	"	6.7	E	7
512	.857	1 15 41.37	36 46	7.0	W	7
	.890	41.42	"	6.8	W	7
	.994	41.41	"		W	7
515	.871	1 16 19.84	50 5	7.0	W	7
520	.879	1 17 4.37	50 16	6.5	E	7
	.991	4.51	"		E	7
532	.857	1 18 2.93	35 31		W	7
	.876	2.93	"	7.1	W	7
536	.871	1 18 40.48	34 5	6.5	W	7
* 540	.890	1 18 51.74	31 28		W	7
	.994	51.80	"		W	7
* 543	.991	1 19 1.34	8 42		E	7
545	.879	1 19 10.39	41 47	6.8	E	7
552	.857	1 20 15.06	46 15		W	7
	.876	14.95	"	7.0	W	7
556	.879	1 20 55.65	46 27	7.0	E	6
	.890	55.72	"	7.0	W	7
560	.871	1 21 42.78	46 25	7.0	W	7
	.895	42.81	"	6.8	W	7
568	.857	1 22 33.63	42 16		W	7
	.876	33.68	"	6.5	W	7
	.893	33.80	"	6.6	E	6
	.991	33.65	"		E	7
	.994	33.59	"		W	7
573	.890	1 23 12.40	46 22	6.7	W	7
* 580	.871	1 24 1.32	43 50		W	7
	.879	1.32	"		E	7
	.895	1.44	"		W	7
	.991	1.37	"		E	7
581	.994	1 24 9.57	34 17		W	7
* 584	.857	1 24 48.32	22 9		W	7
	.876	48.20	"		W	7
	.893	48.31	"		E	6
587	.890	1 25 16.34	47 16	6.6	W	6
597	.895	1 26 17.77	53 1	6.5	W	7
* 600	.857	1 27 5.23	49 36		W	7
	.871	5.21	"		W	7
	.876	5.21	"		W	7
	.879	5.20	"		E	7
	.893	5.21	"		E	7
601	.991	1 27 13.08	28 13		E	7
	.994	13.06	"		W	7
604	.890	1 27 13.41	45 10	6.9	W	6
616	.895	1 28 24.85	50 2	6.8	W	6
617	.898	1 28 30.59	50 14	6.4	E	7
621	.857	1 29 44.54	28 45		W	7
	.871	44.56	"		W	7
	.876	44.38	"	6.5	W	7
	.879	44.54	"	6.6	E	7
624	.893	1 30 14.02	35 51	7.0	E	7
	.904	14.03	"	7.0	W	6
	.991	13.94	"		E	7
624	.994	1 30 13.97	35 51		W	7
633	.857	1 31 28.43	40 27	6.5	W	7
	.876	28.29	"	6.5	W	7
	.890	28.39	"	6.7	W	7
	.895	28.49	"	6.5	W	7
641	.871	1 32 42.92	49 19	6.5	W	7
	.879	42.76	"	6.5	E	7
	.893	42.83	"	6.5	E	7
	.904	43.05	"	6.6	W	7
	.991	42.67	"		E	7
643	.857	1 33 7.25	38 39		W	7
	.898	7.23	"	6.8	E	7
648	.876	1 34 5.52	32 41	6.8	W	7
	.890	5.54	"	6.9	W	7
	.895	5.58	"	6.8	W	7
659	.857	1 35 3.65	49 17	6.6	W	7
	.871	3.61	"	6.6	W	7
	.879	3.47	"	6.9	E	6
	.893	3.57	"	6.8	E	7
	.898	3.62	"	6.8	E	7
	.904	3.68	"	6.7	W	7
666	.857	1 36 2.80	49 16	6.5	W	7
	.871	2.65	"	6.5	W	7
	.879	2.74	"	6.8	E	7
	.893	2.85	"	6.7	E	7
	.898	2.79	"	6.7	E	7
671	.876	1 36 41.58	33 54	6.7	W	7
	.890	41.58	"	6.7	W	7
	.895	41.62	"	6.7	W	7
	.991	41.67	"		E	7
674	.904	1 37 30.66	35 21	7.1	W	7
* 676	.909	1 37 38.54	37 20		E	7
686	.876	1 39 48.97	51 9	7.0	W	7
	.879	49.12	"	7.1	E	7
	.890	48.95	"	7.0	W	6
	.893	49.15	"	7.0	E	7
	.895	49.08	"	7.0	W	7
	.898	49.08	"	7.0	E	7
689	.871	1 40 9.26	34 54		W	7
	.874	9.28	"		E	7
	.904	9.22	"	6.6	W	7
	.909	9.16	"	6.5	E	7
	.991	9.20	"		E	7
699	.879	1 42 0.27	42 53	7.0	E	6
	.893	0.29	"	7.0	E	6
	.895	0.31	"	6.9	W	7
	.898	0.21	"	7.0	E	7
* 703	.857	1 42 17.48	54 1		W	4
	.874	17.51	"		E	7
	.876	17.41	"		W	7
	.890	17.47	"		W	7
	.991	17.40	"		E	7
704	.904	1 42 28.71	43 49	7.1	W	7
	.909	28.91	"		E	7
705	.871	1 42 32.82	42 38		W	6
	.912	32.89	"	6.9	W	7
716	.893	1 44 2.74	42 0	6.7	E	7
	.895	2.77	"	6.6	W	7
	.912	2.88	"	6.8	W	6
721	.871	1 44 48.03	31 34		W	6
	.874	47.99	"	6.6	E	7
	.876	47.91	"	6.6	W	7
	.904	47.86	"		W	7
	.991	47.95	"		E	7
722	.890	1 44 57.87	50 59	6.8	W	7
	.909	57.65	"	6.9	E	7
731	.893	1 46 17.39	43 0	6.8	E	7
	.895	17.39	"	6.8	W	7
	.898	17.39	"		E	7
	.912	17.36	"	6.8	W	7
* 734	.876	1 46 31.41	10 50		W	7
	.879	31.43	"		E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
* 734	.904	1 46 31.45	10 50		W	7
	.991	31.40	"		E	7
736	.871	1 46 42.71	31 24		W	7
	.874	42.66	"	6.9	E	7
740	.890	1 47 21.87	45 58	6.7	W	7
	.909	21.98	"	6.6	E	7
752	.874	1 49 15.34	53 11	7.1	E	7
	.879	15.27	"	7.0	E	7
	.895	15.31	"	6.9	W	7
	.912	15.32	"	7.1	W	6
* 754	.871	1 49 38.28	46 48		W	7
	.876	38.11	"		W	7
	.890	38.24	"		W	7
	.893	38.14	"		E	7
	.898	38.28	"		E	7
	.909	38.26	"		E	7
757	.904	1 50 26.52	25 23	6.5	W	7
	.915	26.64	"	6.6	E	7
	.991	26.51	"		E	7
760	.895	1 51 17.90	29 36	6.7	W	7
* 765	.898	1 52 3.87	52 6		E	7
	.912	3.91	"		W	7
764	.874	1 52 7.63	32 38	6.5	E	7
	.876	7.55	"		W	7
	.879	7.69	"		E	7
	.890	7.60	"		W	7
	.893	7.58	"	6.5	E	7
769	.915	1 52 18.18	50 20	6.6	E	7
776	.895	1 53 3.84	36 33	6.6	W	7
	.991	3.92	"		E	7
783	.874	1 54 1.83	33 33	6.6	E	7
	.893	1.88	"	6.5	E	7
	.898	1.86	"	6.5	E	7
	.904	1.78	"	6.5	W	7
	.912	1.93	"	6.5	W	7
788	.879	1 54 50.48	43 26	6.5	E	7
	.890	50.49	"	6.8	W	6
	.909	50.51	"	6.8	E	7
* 790	.991	1 55 17.64	21 34		E	7
798	.874	1 56 20.07	42 16	6.8	E	7
	.893	20.05	"	6.7	E	7
	.898	19.99	"	6.7	E	7
	.904	19.98	"	6.7	W	7
	.912	20.09	"	6.6	W	7
	.915	20.07	"	6.8	E	7
802	.909	1 56 49.67	44 19		E	7
811	.876	1 57 59.49	30 9		W	7
	.879	59.51	"	6.5	E	7
	.890	59.48	"		W	7
	.991	59.52	"		E	7
815	.874	1 58 20.94	41 0	7.0	E	7
	.893	21.01	"	6.9	E	7
	.895	20.99	"	6.9	W	7
	.898	20.99	"	7.0	E	7
	.904	20.97	"	6.9	W	7
	.912	21.03	"	6.9	W	7
	.915	21.08	"	7.0	E	7
	.926	21.10	"	6.9	W	6
* 822	.895	2 0 0.38	29 47		W	7
	.909	0.42	"		E	7
	.991	0.48	"		E	7
824	.874	2 0 21.63	43 59		E	5
	.879	21.75	"		E	7
	.890	21.84	"	6.9	W	7
	.893	21.57	"	6.9	E	6
	.898	21.67	"	7.0	E	7
	.904	21.77	"	6.8	W	7
834	.895	2 1 56.13	52 28	6.8	W	7
	.912	56.11	"	6.8	W	7
	.915	56.18	"	6.8	E	7
	.926	56.28	"	6.7	W	7
837	.874	2 2 22.32	37 36	6.9	E	7
837	.879	2 2 22.45	37 36	6.9	E	7
	.890	22.37	"		W	7
842	.876	2 3 37.67	28 5		W	7
	.893	37.61	"	6.7	E	7
	.898	37.49	"	6.8	E	7
	.904	37.48	"	6.7	W	7
	.909	37.54	"	6.7	E	7
850	.874	2 4 32.27	36 18		E	6
	.879	32.34	"	6.9	E	7
	.890	32.35	"	6.8	W	7
	.895	32.21	"	6.9	W	7
853	.874	2 4 37.72	36 16		E	7
	.895	37.62	"	7.0	W	5
	.912	37.75	"	6.8	W	7
	.915	37.78	"		E	7
	.926	37.62	"	6.8	W	7
858	.904	2 5 24.55	41 52	7.0	W	7
860	.893	2 5 38.11	45 56	6.8	E	7
	.898	38.11	"	6.8	E	7
	.909	38.25	"	6.9	E	7
867	.928	2 6 19.01	35 59	6.9	E	7
871	.874	2 6 35.07	45 55	6.8	E	7
	.879	35.19	"	6.8	E	6
	.890	35.09	"	6.8	W	7
	.895	35.12	"	6.9	W	6
	.912	35.06	"	6.7	W	7
	.915	35.07	"	6.7	E	7
873	.904	2 7 24.62	47 3	6.9	W	7
	.926	24.89	"		W	5
878	.898	2 8 5.08	47 38	6.6	E	7
	.909	5.16	"	6.8	E	7
* 880	.874	2 8 30.10	31 12		E	7
	.893	30.17	"		E	7
	.915	30.23	"		E	7
883	.890	2 8 34.18	35 0	6.7	W	7
	.895	34.20	"	6.7	W	7
	.928	34.06	"	6.7	E	7
885	.904	2 9 3.43	36 32	6.8	W	7
	.912	3.50	"	6.7	W	7
890	.876	2 10 26.81	24 0		W	7
	.898	26.67	"	6.7	E	7
	.909	26.70	"		E	7
* 891	.879	2 10 29.12	41 38		E	7
	.895	29.04	"		W	7
	.915	29.09	"		E	7
	.928	29.02	"		E	7
894	.874	2 10 37.19	38 0	6.9	E	7
	.890	37.31	"	6.8	W	7
	.893	37.40	"	6.8	E	7
897	.904	2 11 0.23	23 50	6.8	W	7
	.912	0.32	"	6.8	W	7
907	.928	2 12 11.20	52 40	7.0	E	7
911	.898	2 12 33.96	53 21	6.6	E	7
	.909	34.16	"	6.8	E	6
	.915	33.90	"	6.7	E	7
* 913	.874	2 12 56.17	51 59		E	7
	.893	56.05	"		E	7
	.895	56.03	"		W	7
914	.879	2 13 5.58	36 27	6.7	E	7
	.890	5.58	"	6.6	W	7
	.904	5.52	"	6.3	W	7
	.912	5.46	"	6.5	W	7
926	.879	2 15 19.09	39 26	7.0	E	7
	.895	19.16	"	6.9	W	7
	.898	19.14	"	6.9	E	7
	.912	19.10	"	6.8	W	7
928	.874	2 15 35.44	35 54	7.1	E	7
	.890	35.45	"	7.0	W	7
	.893	35.36	"	7.0	E	7
	.904	35.26	"	6.9	W	7
	.915	35.45	"	7.0	E	7
930	.909	2 15 48.42	22 35	7.0	E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
935	.928	2 16 40.23	50 46	6.7	E	7
940	.893	2 17 29.22	53 25	7.0	E	5
	.898	29.14	"	6.9	E	7
	.912	29.34	"	7.0	W	7
943	.874	2 17 52.68	48 46	6.9	E	7
	.879	52.68	"	6.9	E	7
	.895	52.83	"	6.9	W	7
	.909	52.92	"	6.9	E	7
	.915	52.74	"	6.7	E	7
* 942	.876	2 17 57.95	24 16		W	5
	.890	57.90	"		W	7
	.904	57.89	"		W	7
	.926	57.81	"		W	3
949	.928	2 18 20.21	49 59	6.7	E	7
959	.874	2 20 18.90	37 49	6.6	E	7
	.876	18.86	"		W	7
966	.893	2 20 39.19	53 16	7.2	E	6
	.895	39.49	"	7.3	W	7
	.898	39.37	"	7.2	E	7
	.904	39.43	"	7.0	W	7
	.912	39.38	"	7.1	W	7
970	.879	2 21 13.86	34 30		E	7
	.890	13.81	"	6.8	W	7
	.909	13.91	"	7.0	E	7
	.915	13.83	"	6.8	E	7
	.926	13.84	"		W	6
976	.893	2 23 0.10	46 27	6.8	E	7
	.895	0.01	"	6.8	W	7
	.898	59.99	"	6.7	E	7
* 978	.876	2 23 19.13	48 9		W	7
	.879	19.08	"		E	7
	.904	19.05	"		W	7
	.912	19.02	"		W	6
	.926	19.08	"		W	7
979	.874	2 23 28.54	34 21	6.9	E	7
	.890	28.51	"	6.8	W	7
	.909	28.57	"	7.0	E	7
	.915	28.47	"	6.8	E	7
985	.928	2 24 20.44	42 52	7.1	E	7
990	.895	2 25 0.24	24 33	6.8	W	7
996	.893	2 25 16.46	42 31	7.0	E	7
	.898	16.49	"	7.0	E	7
	.926	16.47	"		W	6
999	.874	2 26 0.30	33 33	7.0	E	7
	.879	0.24	"	7.0	E	7
	.890	0.34	"	6.9	W	7
	.904	0.42	"	6.9	W	7
	.909	0.36	"		E	7
	.915	0.32	"	6.9	E	7
1002	.928	2 26 32.00	33 27	6.7	E	7
1010	.895	2 27 15.20	46 7	7.1	W	7
	.898	15.27	"	7.0	E	7
	.926	15.09	"		W	7
1015	.879	2 28 4.47	27 27	6.8	E	7
	.890	4.43	"	6.7	W	7
	.904	4.48	"	6.8	W	7
	.909	4.47	"	6.8	E	7
	.912	4.53	"	6.8	W	7
	.915	4.43	"	6.8	E	7
* 1022	.874	2 28 56.69	35 5		E	7
	.876	56.81	"		W	7
	.928	56.85	"		E	7
1023	.895	2 29 22.83	33 16	6.9	W	7
	.898	22.86	"	6.9	E	7
	.926	22.86	"		W	7
1028	.909	2 29 56.25	33 33	6.8	E	7
	.945	56.36	"	7.0	W	7
1038	.874	2 31 7.54	42 33	6.8	E	7
	.879	7.52	"	6.7	E	7
	.890	7.62	"	6.7	W	7
	.904	7.63	"	6.5	W	7
1043	.893	2 31 59.16	24 21	6.8	E	7
1043	.895	2 31 59.12	24 21	6.8	W	7
	.898	59.06	"	6.8	E	7
	.909	59.09	"	6.8	E	7
	.912	59.10	"	6.8	W	7
1049	.915	2 32 45.40	35 45	6.8	E	6
	.926	45.38	"	6.8	W	7
	.928	45.54	"	6.8	E	7
	.945	45.44	"	6.9	W	7
1053	.874	2 33 12.95	23 26	6.7	E	7
	.879	12.92	"		E	7
	.890	12.99	"	6.6	W	7
	.904	12.91	"		W	7
* 1058	.895	2 34 6.29	52 59		W	7
	.898	6.14	"		E	7
	.909	6.29	"		E	6
	.928	6.33	"		E	7
1059	.893	2 34 19.75	42 19	6.8	E	7
1063	.912	2 34 29.15	31 2	6.8	W	7
1070	.915	2 34 59.41	26 0	6.8	W	7
	.926	59.44	"	6.7	W	7
	.945	59.34	"	6.9	W	7
1074	.890	2 35 39.42	35 27	6.8	W	7
* 1086	.874	2 36 43.14	40 17		E	7
	.879	43.16	"		E	7
	.893	43.18	"		E	7
	.898	43.23	"		E	7
1088	.895	2 37 0.05	41 44	6.9	W	7
	.909	0.01	"	6.9	E	7
	.912	0.01	"	6.9	W	7
	.915	36 59.97	"	6.8	E	7
	.926	59.91	"	6.8	W	6
	.928	37 0.09	"	6.8	E	7
1192	.890	2 37 34.33	39 1	7.2	W	7
	.945	34.17	"	7.2	W	7
1107	.874	2 38 48.52	31 30	7.0	E	7
	.893	48.49	"		E	7
* 1109	.879	2 39 21.71	14 17		E	7
	.895	21.77	"		W	7
	.898	21.81	"		E	7
	.904	21.63	"		W	7
1113	.909	2 39 23.94	28 19	6.9	E	7
	.912	23.96	"	6.8	W	7
	.915	23.89	"		E	7
	.926	23.89	"	6.7	W	7
1119	.928	2 39 41.89	45 5	6.9	E	7
	.945	41.85	"	6.7	W	7
1129	.874	2 41 28.23	34 17	7.1	E	7
	.893	28.30	"	6.9	E	7
	.926	28.04	"	6.8	W	7
1130	.912	2 41 32.45	34 16	6.9	W	6
1135	.895	2 41 41.27	46 43	6.6	W	7
	.898	41.16	"	6.5	E	7
	.904	41.24	"	6.5	W	7
	.909	41.22	"	6.7	E	7
	.945	41.29	"	6.5	W	7
1137	.928	2 41 50.00	40 8	6.9	E	7
1150	.874	2 43 56.27	31 50		E	7
	.893	56.20	"	6.7	E	7
	.895	56.19	"	6.7	W	7
	.898	56.18	"	6.8	E	7
	.904	56.27	"	6.7	W	7
1151	.909	2 44 23.52	34 12	6.7	E	7
	.926	23.40	"	6.5	W	7
	.945	23.41	"	6.5	W	7
	.953	23.40	"		W	7
* 1154	.912	2 44 54.28	32 50		E	7
1158	.928	2 45 21.71	45 30	6.5	E	7
1167	.893	2 47 7.91	30 51	6.8	W	7
	.895	7.81	"	6.8	E	7
	.898	7.86	"	6.8	W	7
	.926	7.83	"	6.8	E	7
1170	.874	2 47 17.47	41 23			

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
1170	.904	2 47 17.45	41 23	6.7	W	7
	.909	17.43	„	6.7	W	7
	.912	17.46	„	6.6	W	7
1179	.928	2 48 48.16	22 30	6.4	E	7
	.945	47.97	„	6.4	W	7
	.953	47.97	„		W	7
1192	.893	2 50 13.34	45 1	6.9	E	7
	.895	13.29	„	6.9	W	7
	.909	13.30	„	7.1	E	7
	.926	13.21	„	6.9	W	7
1194	.874	2 50 24.62	31 18	6.7	E	7
	.898	24.53	„	6.6	E	7
	.904	24.57	„	6.8	W	7
	.912	24.51	„	6.5	W	7
1198	.928	2 50 43.16	33 56	6.6	E	7
	.945	42.96	„	6.6	W	7
1207	.926	2 51 45.59	26 36	6.7	W	5
1212	.904	2 52 14.88	51 40	7.3	W	7
1221	.874	2 52 53.44	36 42	6.9	E	7
	.893	53.43	„	6.8	E	7
	.895	53.44	„	6.9	W	7
	.912	53.39	„	6.8	W	7
	.928	53.45	„	6.8	E	7
1224	.898	2 53 13.83	36 50	6.8	E	7
	.909	13.90	„	6.9	E	7
	.915	14.01	„		E	7
* 1230	.904	2 54 28.09	40 42		W	7
	.926	28.11	„		W	6
	.945	27.97	„		W	7
1232	.928	2 54 39.12	38 24	6.8	E	7
1235	.874	2 54 57.85	31 35	6.6	E	7
	.893	57.76	„	6.6	E	7
	.895	57.78	„	6.5	W	7
	.912	57.69	„	6.5	W	7
1238	.898	2 55 21.09	41 8	6.8	E	7
	.909	21.12	„	6.8	E	7
	.915	21.12	„		E	7
	.953	21.15	„		W	7
	.961	21.09	„		W	7
1247	.904	2 56 24.99	42 16	6.8	W	7
	.926	24.95	„	6.7	W	7
	.928	24.97	„	6.7	E	7
	.945	25.00	„	6.6	W	7
1252	.874	2 56 57.92	33 30	6.8	E	5
	.893	57.88	„	6.7	E	7
	.895	57.89	„	6.8	W	7
	.898	57.87	„	6.7	E	6
* 1258	.912	2 57 58.92	24 1		W	5
	.915	58.89	„		E	7
	.953	58.93	„		W	7
	.961	58.95	„		W	7
1261	.904	2 58 30.27	47 57	6.9	W	7
	.909	30.13	„	6.9	E	7
	.926	30.18	„	7.0	W	7
	.945	30.23	„	7.0	W	7
* 1263	.874	2 59 30.65	47 22		E	7
	.893	30.70	„		E	7
1264	.895	2 59 50.22	44 27	7.0	W	7
	.898	50.21	„		E	7
	.912	50.18	„	7.0	E	6
	.928	50.25	„	7.0	E	7
1268	.904	3 0 47.16	48 15	6.7	W	7
	.945	47.24	„	6.7	W	7
	.961	47.31	„		W	7
* 1272	.926	3 1 15.27	60 8		W	6
1274	.909	3 1 34.51	41 22	6.8	E	7
1278	.928	3 1 46.49	53 13	7.0	E	7
1283	.895	3 2 28.37	30 22	6.6	W	7
	.898	28.39	„		E	7
	.912	28.43	„	6.6	W	7
	.961	28.44	„		W	7
1287	.904	3 3 7.09	32 44	6.8	W	7
1287	.915	3 3 7.08	32 44	6.8	E	7
	.945	7.01	„	6.8	W	7
	.953	7.14	„		W	6
1290	.909	3 3 46.44	30 42	6.7	E	7
	.926	46.47	„	6.8	W	7
	.928	46.62	„	6.7	E	7
1291	.898	3 4 28.91	25 16	6.7	E	7
	.912	28.89	„	6.6	W	7
	.961	28.86	„		W	7
	.969	28.88	„	6.7	E	7
1293	.904	3 4 55.49	27 6	6.9	W	7
	.915	55.48	„		E	7
	.928	55.38	„	6.9	E	6
	.945	55.45	„	6.9	W	7
1300	.895	3 6 7.34	49 21	7.1	W	7
	.909	7.33	„	7.1	E	7
	.926	7.33	„	7.1	W	7
1307	.898	3 6 56.53	51 13	6.9	E	7
	.912	56.52	„	6.9	W	7
	.945	56.46	„	7.0	W	7
	.969	56.80	„	6.8	E	7
1318	.928	3 7 40.47	46 44	6.9	E	7
	.953	40.57	„		W	6
	.961	40.64	„		W	7
* 1317	.895	3 7 49.40	29 23		W	7
	.904	49.39	„		W	7
	.915	49.41	„		E	7
1321	.909	3 8 10.83	39 45		E	7
	.926	10.93	„		W	6
1329	.898	3 9 6.40	27 57	6.7	E	7
	.912	6.45	„	6.6	W	7
	.945	6.28	„	6.6	W	7
	.969	6.54	„	6.7	E	7
1338	.904	3 10 1.43	49 42	7.0	W	7
1342	.915	3 10 28.35	40 38	6.8	E	7
	.926	28.37	„		W	7
	.953	28.39	„		W	7
	.961	28.50	„		W	7
* 1344	.909	3 10 44.04	35 56		E	7
	.928	43.99	„	6.5	E	7
	.945	44.03	„	6.5	W	7
1346	.898	3 11 0.15	28 43	6.9	E	7
1349	.912	3 11 26.81	44 29	6.9	W	7
	.969	26.89	„	7.0	E	7
1361	.904	3 12 49.15	31 43	6.7	W	7
	.915	49.15	„	6.7	E	7
	.926	49.21	„		W	7
	.928	49.17	„	6.6	E	7
	.945	49.06	„	6.6	W	7
	.961	49.20	„		W	7
1366	.898	3 13 5.92	41 38	7.0	E	7
	.909	5.78	„	6.8	E	7
	.953	5.94	„		W	7
1368	.912	3 13 33.42	26 43	6.8	W	7
	.969	33.48	„	6.8	E	7
1375	.928	3 14 23.39	38 45	6.9	E	5
1381	.904	3 15 21.76	35 22	6.7	W	7
	.909	21.79	„	6.7	E	7
	.945	21.75	„	6.5	W	7
	.953	21.74	„		W	7
	.961	21.86	„		W	7
* 1384	.898	3 15 56.00	43 27		E	7
	.912	55.99	„		W	7
	.915	56.04	„		E	7
	.928	55.91	„		E	6
1386	.934	3 15 59.05	34 22		E	7
	.969	59.19	„	6.8	E	7
1406	.904	3 18 51.95	47 7	6.8	W	7
	.909	51.83	„	6.6	E	7
1409	.912	3 19 27.32	28 17	6.8	W	7
	.915	27.18	„		E	7
	.926	27.33	„		W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
1409	.928	3 19 27.18	28 17	6.7	E	7
1414	.934	3 19 54.55	40 26		E	7
	.945	54.53	„	6.4	W	7
	.953	54.61	„		W	7
	.969	54.62	„	6.6	E	7
1416	.961	3 20 10.83	37 31		W	7
1421	.904	3 21 8.26	46 12	7.0	W	7
	.909	8.02	„	7.0	E	6
1424	.926	3 21 24.21	37 30		W	7
	.961	24.15	„		W	7
1427	.912	3 21 48.76	38 40	6.9	W	7
	.915	48.83	„		E	7
	.945	48.77	„	7.0	W	7
	.953	48.75	„	7.0	W	7
1434	.928	3 22 32.92	52 44	7.0	E	7
	.969	33.02	„	7.1	E	7
1443	.904	3 23 55.22	40 14	6.7	W	7
	.909	55.22	„	6.6	E	7
1449	.912	3 24 57.31	34 0	6.7	W	7
	.926	57.21	„		W	7
1456	.928	3 25 56.23	42 49	6.9	E	7
	.934	56.22	„		E	7
	.945	56.20	„	6.8	W	7
	.953	56.19	„		W	5
1459	.904	3 26 28.78	28 16	6.9	W	7
	.909	28.85	„		E	6
	.961	28.85	„		W	7
	.969	28.84	„	6.9	E	7
1462	.912	3 27 27.77	33 53	6.7	W	7
	.926	27.71	„	6.6	W	7
1466	.928	3 28 8.03	24 57	6.7	E	7
	.953	7.92	„		W	7
* 1467	.909	3 28 13.08	9 48		E	7
	.934	13.09	„		E	7
	.945	13.09	„		W	7
* 1471	.904	3 29 22.21	21 58		W	7
	.912	22.20	„		W	7
	.926	22.27	„		W	7
	.969	22.18	„		E	7
* 1474	.915	3 29 35.72	50 43		E	7
1477	.961	3 29 54.35	31 25		W	7
1483	.909	3 30 37.39	35 10	6.5	E	7
	.934	37.39	„		E	7
	.945	37.38	„	6.7	W	7
1486	.928	3 31 17.07	36 16	6.8	E	7
1492	.912	3 31 33.05	54 51	7.2	W	7
	.926	33.44	„	6.9	W	7
	.969	33.42	„	7.0	E	7
1495	.961	3 32 13.48	49 45		W	7
1502	.909	3 33 3.97	30 9	6.7	E	7
	.934	4.09	„		E	7
	.945	3.92	„	6.7	W	7
* 1508	.912	3 33 30.31	40 36		W	6
	.953	30.30	„		W	7
	.969	30.28	„		E	7
1513	.926	3 33 54.23	50 17	6.9	W	7
	.928	54.27	„	6.9	E	7
1523	.945	3 35 16.12	49 42	6.8	W	7
	.961	16.21	„		W	7
1528	.909	3 36 10.88	34 52	6.8	E	7
	.912	10.93	„		W	7
	.934	10.85	„		E	5
	.969	10.91	„	6.8	E	7
1535	.926	3 36 40.49	28 18	6.6	W	7
	9.28	40.56	„	6.7	E	7
1542	.945	3 37 41.17	24 58	6.5	W	7
	.961	41.26	„		W	7
* 1547	.909	3 38 16.25	32 15		E	7
	.912	16.26	„		W	7
	.934	16.12	„		E	7
	.969	16.14	„		E	7
* 1548	.928	3 38 27.43	10 6		E	7
1555	.926	3 38 57.10	46 17	6.6	W	7
1564	.945	3 40 10.90	50 59	6.6	W	7
1566	.928	3 40 27.47	38 36	6.7	E	7
	.961	27.58	„		W	7
	.969	27.50	„	6.7	E	7
1568	.926	3 40 50.70	42 13	6.9	W	7
	.991	50.90	„	7.1	E	7
1590	.961	3 42 29.36	25 10		W	7
	.969	29.22	„	7.0	E	7
* 1591	.926	3 42 32.69	23 33		W	7
	.928	32.76	„		E	7
	.945	32.71	„		W	7
	.953	32.64	„		W	7
1595	.991	3 42 58.22	30 22	6.5	E	6
1600	.994	3 43 47.40	26 38	6.6	W	7
1609	.926	3 44 48.15	26 20		W	7
	.934	48.02	„		E	7
	.961	48.03	„		W	7
1610	.928	3 44 33.93	50 22	6.9	E	7
	.945	33.93	„	6.8	W	7
	.969	33.96	„	7.0	E	7
1613	.991	3 45 14.45	40 42	6.9	E	7
* 1616	.994	3 45 42.62	36 30		W	7
1634	.926	3 46 53.52	36 44	6.7	W	7
	.928	53.46	„	6.7	E	7
	.945	53.49	„	6.5	W	7
1643	.969	3 47 45.91	44 40	7.0	E	5
	.991	46.18	„	7.1	E	7
	.994	46.08	„		W	7
1646	.928	3 48 36.85	47 37	6.6	E	7
	.934	37.03	„		E	6
	.953	37.19	„		W	5
	.961	37.15	„		W	7
1652	.926	3 49 26.03	45 15	6.7	W	7
	.945	26.01	„	6.8	W	7
1658	.969	3 49 59.31	41 31	6.8	E	7
	.991	59.41	„	6.8	E	7
	.994	59.33	„	6.7	W	7
1669	.928	3 51 23.88	26 13	6.7	E	7
	.961	23.87	„		W	7
1677	.969	3 51 48.88	38 16	7.0	E	7
* 1680	.926	3 51 56.26	52 59		W	7
	.945	56.33	„		W	7
	.953	56.34	„		W	7
* 1683	.928	3 53 21.75	13 47		E	7
	.961	21.70	„		W	7
	.991	21.79	„		E	7
1690	.945	3 54 3.54	50 3	7.0	W	7
	.953	3.46	„		W	7
	.969	3.40	„	7.0	E	7
* 1693	.926	3 55 39.68	24 18		W	7
	.928	39.66	„		E	7
	.934	39.65	„		E	7
	.994	39.67	„		W	7
1695	.961	3 55 39.90	42 34		W	7
	.991	39.91	„	7.0	E	7
1699	.945	3 56 39.96	42 40	6.5	W	7
	.953	40.03	„		W	7
	.961	39.96	„		W	6
	.969	39.99	„	6.6	E	7
	.991	40.04	„	6.6	E	7
1705	.008	3 57 27.16	54 27	7.0	W	7
1709	.928	3 57 54.33	44 44	7.1	E	7
1714	.945	3 58 35.32	27 46	6.6	W	7
	.969	35.43	„	6.8	E	7
1720	.953	3 58 58.84	38 40		W	6
	.961	58.82	„		W	7
	.991	58.88	„	7.2	E	7
1734	.008	4 0 3.65	48 39	6.4	W	7
	.928	3.58	„	6.5	E	7
	.994	3.62	„		W	5
1738	.945	4 0 41.38	48 8	6.5	W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0. h. m. s.	Decl. S. 1900·0. ° ′	Mag.	Posn.	Wires.
1738	.969	4 0 41.19	48 8	6.5	E	7
* 1744	.011	4 1 30.02	27 56		E	7
	.928	30.02	,,		E	5
	.961	30.10	,,		W	7
1749	.953	4 1 36.18	44 56		W	5
	.991	36.27	,,	7.0	E	7
1752	.994	4 2 26.85	45 56		W	7
1754	.008	4 2 39.36	51 39	6.8	W	2
	.969	39.46	,,	6.9	E	7
1757	.011	4 3 59.19	37 20	6.6	E	4
	.934	59.18	,,		E	6
	.945	59.12	,,		W	7
	.953	59.05	,,		W	3
1762	.969	4 4 48.16	25 17	7.0	E	7
	.991	48.07	,,	6.9	E	7
	.994	48.16	,,		W	7
1769	.961	4 5 46.62	25 18		W	7
	.991	46.71	,,	6.5	E	7
	.994	46.68	,,		W	7
1771	.011	4 6 17.46	34 45	6.8	E	7
	.934	17.45	,,		E	5
1777	.969	4 7 2.58	35 32	6.4	E	7
1782	.934	4 8 33.43	24 5		E	7
	.945	33.45	,,	6.5	W	7
	.953	33.43	,,		W	7
	.991	33.54	,,	6.4	E	7
	.994	33.43	,,	6.5	W	7
1788	.961	4 9 11.88	33 3		W	7
	.969	11.85	,,	6.6	E	7
1799	.994	4 10 20.13	37 17		W	5
* 1802	.008	4 10 41.17	42 32		W	7
	.945	41.13	,,		W	7
	.953	41.23	,,		W	7
	.961	41.19	,,		W	7
1804	.969	4 11 6.46	41 9	6.8	E	7
	.991	6.57	,,	6.8	E	7
1810	.011	4 12 19.11	35 31	7.0	E	7
1815	.945	4 12 58.77	39 8	6.6	W	7
	.953	58.84	,,		W	5
	.961	58.86	,,		W	7
* 1817	.008	4 13 24.23	51 44		W	7
* 1822	.969	4 14 6.63	34 3		E	7
	.991	6.54	,,		E	7
	.994	6.62	,,		W	6
1826	.011	4 15 2.01	34 22	7.0	E	7
	.945	2.01	,,	7.0	W	7
1843	.991	4 16 27.36	42 12	7.1	E	7
	.994	27.35	,,		W	6
1845	.008	4 16 28.38	54 23	6.9	W	5
1849	.011	4 17 10.95	34 58	6.8	E	7
	.945	10.83	,,	7.0	W	7
1858	.969	4 18 33.33	41 27	7.0	E	7
	.991	33.27	,,	7.0	E	7
	.994	33.26	,,		W	7
1862	.008	4 19 27.30	32 23	6.8	W	7
	.945	27.16	,,	6.7	W	7
	.961	27.16	,,		W	7
1865	.011	4 20 11.28	34 59	7.0	E	7
* 1866	.953	4 20 16.76	34 15		W	4
1868	.969	4 20 33.06	43 41	7.1	E	7
1872	.994	4 20 48.32	40 17		W	7
1875	.011	4 21 14.09	34 59	6.4	E	7
1880	.945	4 21 43.78	35 54	6.9	W	7
	.961	43.89	,,		W	7
1885	.008	4 22 13.28	50 51	7.0	W	7
1883	.991	4 22 14.90	40 4	7.0	E	7
1896	.969	4 22 53.67	52 10	7.1	E	7
1900	.945	4 23 51.02	32 38	6.8	W	7
	.961	51.12	,,		W	7
1907	.991	4 24 38.02	29 59	7.0	E	7
1911	.011	4 24 46.92	39 2	6.8	E	7
	.969	46.84	,,	7.0	E	7
1911	.994	4 24 47.01	39 2	7.0	W	7
1914	.008	4 25 2.44	53 38	7.2	W	7
1920	.945	4 26 0.77	42 25	7.2	W	6
	.961	0.90	,,		W	6
1943	.008	4 27 37.04	35 59		W	7
* 1947	.011	4 27 46.33	45 10		E	7
	.945	46.35	,,		W	7
	.961	46.20	,,		W	7
	.969	46.20	,,		E	7
	.991	46.29	,,		E	7
	.994	46.23	,,		W	7
1966	.008	4 30 26.35	24 15	6.5	W	7
	.961	26.23	,,		W	7
	.969	26.37	,,	6.5	E	7
	.991	26.19	,,	6.5	E	7
	.994	26.33	,,		W	7
1980	.033	4 31 16.89	35 47	6.9	W	7
1988	.008	4 32 55.33	38 2	6.9	W	7
	.030	55.40	,,		E	7
	.961	55.13	,,		W	7
	.991	55.17	,,	6.8	E	7
	.994	55.14	,,		W	7
* 1993	.033	4 33 35.93	14 30		W	7
	.969	35.95	,,		E	7
2005	.991	4 35 6.43	44 49	7.0	E	7
	.994	6.40	,,		W	6
* 2008	.008	4 35 57.26	24 41		W	7
	.030	57.26	,,		E	7
	.033	57.23	,,		W	7
	.961	57.21	,,		W	7
2011	.969	4 36 42.61	28 23	6.9	E	7
* 2017	.011	4 37 20.34	42 3		E	7
	.991	20.34	,,		E	7
	.994	20.34	,,		W	7
2031	.961	4 38 38.02	37 48		W	7
	.969	37.97	,,	6.6	E	7
2036	.008	4 38 54.76	47 27	6.6	W	7
	.030	54.80	,,		E	7
2042	.033	4 39 15.12	39 3	7.2	W	7
	.991	15.03	,,	7.1	E	6
2044	.994	4 40 13.85	27 46		W	7
2055	.008	4 41 1.00	50 4	7.3	W	7
	.961	0.95	,,		W	7
	.969	1.12	,,	7.2	E	7
2065	.033	4 41 54.82	52 49	7.0	W	7
2070	.991	4 42 50.59	35 59		E	7
	.994	50.55	,,		W	7
2078	.961	4 43 26.37	42 16		W	7
	.969	26.37	,,	6.9	E	7
2079	.008	4 43 34.10	38 29	6.9	W	7
2085	.030	4 44 36.52	46 46		E	7
	.033	36.36	,,	7.0	W	7
2091	.961	4 45 31.21	34 29		W	7
	.969	31.40	,,	6.7	E	7
	.991	31.25	,,	6.6	E	7
2099	.041	4 45 59.68	42 33	6.8	E	7
2108	.008	4 46 28.74	42 2		W	7
	.033	28.70	,,	7.0	W	7
2113	.030	4 47 2.68	38 44		E	7
	.969	2.68	,,	6.7	E	5
	.994	2.63	,,		W	7
2125	.961	4 48 17.48	38 47		W	7
	.969	17.54	,,	7.0	E	7
	.991	17.48	,,	6.9	E	7
2127	.041	4 48 21.65	52 48	7.2	E	7
2135	.008	4 49 11.22	47 1	6.5	W	7
2137	.030	4 49 49.95	38 18		E	7
	.033	49.97	,,	6.7	W	6
	.994	49.96	,,		W	7
2140	.030	4 50 37.62	38 20		E	6
	.033	37.66	,,	6.7	W	7
	.961	37.65	,,		W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
2140	.969	4 50 37.54	38 20	6.6	E	7
	.991	37.59	„		E	7
2142	.044	4 51 16.12	30 27	7.0	E	7
2146	.008	4 51 15.56	52 30	7.0	W	7
	.041	15.32	„		E	7
2150	.047	4 52 4.95	39 55	7.0	W	6
	.991	4.57	„	6.8	E	5
	.994	4.70	„		W	7
2156	.030	4 52 46.00	39 6		E	7
	.033	45.92	„	7.0	W	5
	.961	46.01	„		W	7
	.969	45.92	„	7.0	E	7
2162	.008	4 53 48.27	44 21	6.8	W	7
	.044	48.28	„	6.9	E	7
2167	.033	4 54 37.12	29 2	6.9	W	4
	.041	37.04	„	6.8	E	7
	.047	37.16	„	6.9	W	7
	.969	37.02	„	6.9	E	7
	.994	37.03	„		W	7
2173	.030	4 55 11.34	28 36		E	7
2181	.008	4 55 50.54	37 2	6.7	W	7
	.044	50.54	„	6.6	E	7
	.961	50.27	„		W	7
2184	.041	4 56 19.91	36 46	6.9	E	7
	.991	20.06	„	6.9	E	7
2191	.047	4 56 52.83	41 12	7.1	W	7
	.969	52.85	„	7.2	E	7
	.994	52.76	„		W	7
2196	.030	4 57 12.65	39 50		E	7
2198	.008	4 58 4.01	39 4	7.0	W	7
	.044	4.12	„	7.1	E	7
2204	.041	4 58 21.66	46 5	7.3	E	7
2206	.047	4 58 38.46	39 13	7.0	W	7
	.991	38.47	„	7.0	E	7
2212	.030	4 59 53.41	42 38		E	7
	.044	53.42	„	6.4	E	7
	.969	53.41	„		E	7
	.994	53.51	„		W	7
2218	.008	5 0 22.14	49 51	6.3	W	7
	.041	21.80	„	6.3	E	7
	.050	21.88	„	6.5	W	6
* 2225	.047	5 1 13.65	22 30		W	7
	.991	13.70	„		E	7
* 2232	.008	5 2 22.46	49 43		W	7
	.030	22.45	„		E	7
	.033	22.46	„		W	6
	.041	22.39	„		E	7
	.044	22.43	„		E	7
	.050	22.49	„		W	7
	.969	22.51	„		E	6
L19695	.994	5 2 40.13	20 15		W	6
2244	.047	5 3 40.72	20 15	7.0	W	7
	.991	40.61	„		E	7
	.994	40.61	„		W	7
2250	.041	5 4 27.95	44 57	6.3	E	7
	.044	27.99	„	6.5	E	7
	.050	27.87	„	6.7	W	7
2256	.008	5 5 17.55	41 21	6.5	W	7
	.030	17.38	„		E	7
	.991	17.43	„		E	7
2261	.044	5 5 57.80	42 9	6.9	E	7
	.047	57.76	„	7.0	W	7
	.994	57.74	„		W	6
2264	.041	5 6 40.72	26 2	6.4	E	7
	.050	40.76	„	6.7	W	7
	.991	40.72	„	6.5	E	7
2277	.008	5 7 38.88	30 21	6.6	W	7
	.030	38.63	„		E	7
2281	.047	5 7 57.28	53 39	7.0	W	6
* 2282	.041	5 8 26.31	16 20		E	7
	.994	26.19	„		W	7
2287	.044	5 8 51.74	27 18	6.9	E	7
2287	.050	5 8 51.65	27 18	6.7	W	7
	.991	51.64	„	6.7	E	7
2299	.008	5 9 59.19	51 40	6.5	W	7
	.030	59.21	„		E	7
	.047	59.29	„	6.5	W	7
	.055	59.25	„	7.0	E	7
2305	.044	5 10 46.67	47 59	6.8	E	7
2310	.041	5 11 28.35	29 52	6.9	E	7
	.050	28.22	„	7.0	W	7
	.991	28.20	„	6.7	E	7
2320	.008	5 12 40.35	32 37	6.8	W	7
	.030	40.15	„		E	7
	.047	40.29	„	6.7	W	7
	.055	40.32	„		E	7
	.994	40.16	„		W	7
2332	.044	5 13 17.31	48 48	7.0	E	7
2336	.041	5 13 45.97	46 1	6.5	E	7
	.050	46.02	„	6.7	W	7
	.991	46.15	„	6.8	E	7
* 2335	.033	5 13 52.70	35 0		W	7
	.994	52.68	„		W	7
2344	.008	5 14 43.20	43 43	6.9	W	7
	.030	43.09	„		E	7
	.047	43.23	„	6.8	W	7
	.055	42.99	„	7.0	E	7
* 2347	.041	5 15 24.50	27 28		E	6
	.044	24.58	„		E	7
	.050	24.53	„		W	7
	.060	24.53	„		W	7
	.991	24.50	„		E	7
2354	.055	5 16 44.49	34 48	6.8	E	7
* 2357	.008	5 16 54.95	50 43		W	6
	.030	54.90	„		E	7
	.047	54.92	„		W	7
2360	.044	5 17 19.89	39 51	6.6	E	7
	.050	19.95	„	6.6	W	6
	.991	19.95	„	6.8	E	7
2364	.060	5 17 34.53	43 38		W	7
2366	.041	5 18 9.43	39 36	6.7	E	7
2380	.030	5 19 1.68	51 40		E	7
	.047	1.73	„	6.6	W	7
	.055	1.66	„	6.5	E	6
2384	.044	5 19 25.80	53 25	6.5	E	7
	.050	25.84	„	6.5	W	7
	.991	25.84	„	7.0	E	7
2391	.060	5 19 51.14	54 22		W	7
	.063	51.25	„		E	7
2394	.041	5 20 31.09	34 30	6.8	E	7
2403	.030	5 21 14.52	43 42		E	7
	.047	14.52	„	6.9	W	7
	.055	14.52	„	7.0	E	7
	.991	14.46	„	6.8	E	7
2407	.044	5 21 47.55	36 35	7.1	E	7
	.050	47.35	„	6.9	W	7
	.060	47.40	„		W	7
2412	.063	5 22 0.41	53 31	7.1	E	7
2418	.041	5 22 37.83	47 11	7.3	E	7
	.055	37.94	„	7.1	E	4
2422	.030	5 23 15.71	36 40		E	7
	.044	15.68	„		E	7
	.991	15.72	„	6.7	E	7
2430	.047	5 23 47.93	45 8	7.0	W	7
	.050	48.04	„	7.1	W	7
* 2431	.060	5 23 52.70	41 2		W	7
2437	.041	5 24 25.18	39 18	6.5	E	7
	.055	25.60	„	6.7	E	7
2439	.069	5 24 25.76	46 10	7.2	W	7
2453	.044	5 26 15.60	53 58	7.0	E	7
	.047	15.90	„	6.8	W	7
* 2461	.050	5 27 24.31	47 9		W	7
	.055	24.49	„		E	7
	.060	24.33	„		W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
* 2461	·063	5 27 24.56	47 9		E	7
	·069	24.53	,,		W	7
2464	·008	5 27 35.19	53 20	6.8	W	7
	·041	34.89	,,	7.0	E	7
* 2462	·030	5 27 39.65	35 33		E	7
* 2466	·047	5 28 19.12	17 54		W	7
	·991	19.16	,,		E	7
2482	·041	5 29 37.84	47 33	6.3	E	7
	·044	37.91	,,	6.7	E	7
	·050	37.99	,,	6.8	W	7
	·055	37.96	,,	6.8	E	7
	·060	37.90	,,		W	7
2486	·008	5 30 0.87	29 55	6.4	W	7
	·030	0.82	,,		E	7
	·063	0.84	,,	6.7	E	7
	·069	0.84	,,	6.7	W	7
2498	·074	5 30 54.28	49 26	7.0	W	5
	·991	54.06	,,	6.7	E	7
2501	·041	5 31 46.98	33 20	6.5	E	7
	·044	46.95	,,	6.4	E	7
	·050	46.87	,,	6.5	W	7
	·060	46.94	,,		W	7
2507	·008	5 32 5.76	49 1	6.4	W	7
	·030	5.89	,,		E	7
	·055	5.68	,,	6.6	E	7
	·069	5.74	,,	7.0	W	7
2512	·047	5 33 0.12	34 47	6.9	W	7
	·063	0.15	,,	6.9	E	7
	·991	0.12	,,	6.8	E	7
2519	·060	5 33 25.66	44 6		W	7
	·074	25.93	,,	7.0	W	7
2530	·008	5 34 12.85	34 45	6.4	W	7
	·030	12.83	,,		E	7
	·050	12.74	,,	6.5	W	7
	·055	12.86	,,	6.5	E	7
	·063	12.79	,,	6.4	E	7
	·991	12.90	,,	6.4	E	7
2536	·041	5 34 57.45	43 2	6.8	E	7
	·044	57.38	,,	6.8	E	7
	·069	57.39	,,	7.0	W	7
2545	·047	5 35 27.84	47 46	6.8	W	7
	·060	27.86	,,		W	7
2551	·074	5 35 47.87	54 37	6.9	W	7
* 2547	·008	5 36 1.66	34 8		W	7
	·055	1.60	,,		E	7
	·991	1.58	,,		E	7
2553	·030	5 36 46.75	41 34		E	7
	·050	46.54	,,	6.8	W	7
	·063	46.48	,,	6.8	E	5
	·069	46.60	,,	7.2	W	7
2556	·041	5 37 15.47	36 38	6.9	E	7
	·044	15.49	,,	7.0	E	7
	·060	15.58	,,		W	7
2571	·008	5 38 33.51	53 16	6.8	W	7
	·047	33.37	,,	6.5	W	7
	·074	33.57	,,	6.7	W	7
2576	·030	5 39 7.97	43 33		E	7
	·050	7.82	,,	6.8	W	7
	·063	7.85	,,	6.7	E	7
2580	·041	5 39 57.66	45 17	7.0	E	7
	·055	57.78	,,	6.9	E	7
	·060	57.81	,,		W	7
* 2582	·044	5 40 17.60	22 29		E	7
	·069	17.65	,,		W	7
2588	·008	5 40 57.42	49 53	6.9	W	7
	·050	57.34	,,	6.8	W	7
	·074	57.38	,,	6.7	W	7
2589	·030	5 41 28.19	31 43		E	7
	·047	28.09	,,	6.6	W	7
	·063	28.09	,,	6.7	E	7
2594	·041	5 41 56.76	41 49	6.6	E	7
	·055	56.69	,,	6.6	E	7
2595	·044	5 42 6.04	39 21	6.8	E	7
	·060	6.13	,,		W	7
	·069	6.09	,,		W	7
2602	·008	5 42 59.49	28 55	6.9	W	7
	·050	59.44	,,	6.9	W	7
2606	·074	5 43 5.77	47 3	6.5	W	7
	·080	5.64	,,		E	7
2616	·030	5 44 5.68	44 50		E	7
	·041	5.66	,,	6.9	E	7
	·060	5.88	,,		W	7
	·069	5.65	,,		W	7
2621	·044	5 44 18.50	53 15	6.3	E	7
	·047	18.73	,,	6.3	W	7
	·050	18.62	,,	6.3	W	4
	·063	18.49	,,	6.6	E	7
2626	·074	5 44 45.45	40 41	6.6	W	7
	·080	45.35	,,		E	6
2634	·008	5 45 41.99	42 21	7.1	W	7
	·041	41.89	,,	7.0	E	7
2641	·060	5 46 8.08	46 21		W	7
	·069	7.89	,,		W	7
* 2646	·030	5 47 1.25	20 53		E	7
	·050	1.12	,,		W	7
	·055	1.17	,,		E	7
	·063	1.16	,,		E	7
	·074	1.26	,,		W	7
	·080	1.15	,,		E	7
2647	·044	5 46 49.89	43 24	6.8	E	7
	·047	49.87	,,	6.7	W	7
* 2652	·008	5 47 25.97	35 48		W	7
	·041	26.02	,,		E	7
2660	·060	5 48 7.80	29 28		W	7
	·069	7.68	,,		W	7
2667	·044	5 48 44.55	41 8	6.5	E	7
	·047	44.51	,,	6.5	W	7
2676	·008	5 49 23.16	53 41	6.9	W	6
	·030	23.11	,,		E	7
	·063	22.66	,,	7.5	E	7
	·074	23.12	,,		W	7
2681	·041	5 50 19.71	42 57	6.4	E	7
	·055	19.69	,,		E	7
	·060	19.78	,,		W	7
	·069	19.69	,,		W	7
	·080	19.74	,,		E	7
2687	·044	5 50 45.48	42 15	7.2	E	7
	·047	45.34	,,	6.9	W	7
2697	·063	5 51 29.13	47 12	6.9	E	7
	·074	29.36	,,	6.5	W	7
2699	·008	5 51 43.85	50 24	6.5	W	7
	·030	43.99	,,		E	7
2704	·041	5 52 20.43	38 7	6.9	E	7
	·050	20.39	,,		W	7
	·055	20.47	,,		E	5
	·060	20.42	,,		W	7
2710	·044	5 52 52.70	33 27	6.8	E	7
	·047	52.69	,,	6.8	W	7
	·074	52.82	,,	6.6	W	6
2720	·063	5 53 56.11	44 1	6.4	E	7
	·069	56.07	,,		W	7
2722	·008	5 53 58.61	41 46	7.0	W	7
	·030	58.75	,,		E	7
	·060	58.75	,,		W	7
2729	·047	5 55 1.82	53 25	6.7	W	7
2731	·041	5 55 6.78	53 25	6.6	E	7
	·050	7.01	,,	6.4	W	7
	·080	6.85	,,		E	7
2730	·055	5 55 20.70	34 22		E	7
	·074	20.77	,,	7.0	W	7
* 2735	·044	5 56 5.11	42 49		E	7
	·060	5.17	,,		W	7
	·063	5.07	,,		E	7
2734	·008	5 56 6.51	35 22	6.5	W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
2734	·030	5 56 6.55	35 22		E	7
2745	·041	5 57 19.50	44 0	6.8	E	7
	·047	19.46	"	6.5	W	7
	·050	19.56	"	6.9	W	7
	·074	19.48	"	6.6	W	7
2750	·060	5 57 47.85	42 52		W	6
	·063	47.69	"		E	7
	·069	47.72	"		W	7
	·080	47.75	"		E	7
2753	·008	5 58 6.47	43 54	6.9	W	7
	·030	6.51	"		E	5
	·071	6.39	"		E	6
2755	·044	5 58 46.68	38 59	6.8	E	7
	·050	46.60	"	6.6	W	6
2762	·041	5 59 38.43	37 33	6.7	E	7
	·047	38.38	"	6.6	W	7
	·060	38.51	"		W	7
	·074	38.34	"	6.5	W	7
2766	·008	6 0 15.12	29 20	6.9	W	7
	·030	15.07	"		E	7
	·063	14.96	"		E	7
	·069	15.06	"		W	7
2776	·071	6 0 41.78	53 35		E	6
* 2789	·044	6 1 35.65	45 2		E	7
	·047	35.66	"		W	7
	·050	35.69	"		W	7
	·074	35.70	"		W	7
	·080	35.77	"		E	7
* 2793	·055	6 2 14.54	29 45		E	7
	·060	14.56	"		W	7
	·069	14.51	"		W	7
2796	·008	6 2 25.36	33 13	6.7	W	7
	·030	25.42	"		E	7
	·063	25.36	"	6.8	E	7
2800	·041	6 2 51.44	43 56	6.8	E	7
	·071	51.51	"		E	7
2812	·044	6 4 1.37	36 18	7.0	E	7
	·047	1.42	"	6.9	W	7
	·074	1.50	"	6.9	W	7
2819	·060	6 4 10.85	49 13		W	7
	·063	10.60	"	6.7	E	7
	·069	10.40	"		W	7
	·080	10.75	"		E	7
2824	·008	6 5 19.08	36 6	6.8	W	7
	·030	18.95	"		E	7
	·044	18.85	"	7.1	E	7
	·071	18.90	"		E	7
2830	·041	6 5 51.83	41 6	6.9	E	7
	·047	51.76	"	6.8	W	7
	·074	51.79	"		W	7
2835	·060	6 6 32.84	41 58		W	7
	·069	32.67	"		W	7
2841	·063	6 6 52.73	49 33		E	7
	·080	53.06	"		E	7
2848	·008	6 7 37.71	33 51	6.8	W	7
	·030	37.83	"		E	7
2854	·047	6 8 21.10	44 53	6.6	W	7
	·050	21.28	"	6.6	W	7
* 2857	·041	6 8 20.98	54 57		E	7
	·044	20.96	"		E	7
	·069	20.86	"		W	6
	·074	21.00	"		W	7
2862	·060	6 9 0.84	36 32		W	7
	·063	0.84	"	6.7	E	7
	·080	0.80	"		E	7
2872	·008	6 10 38.81	29 34	6.6	W	6
	·030	38.87	"		E	7
	·047	38.62	"	6.6	W	7
	·050	38.92	"	6.7	W	7
	·069	38.80	"		W	7
2875	·041	6 11 3.57	41 38	7.0	E	7
	·044	3.55	"	7.0	E	7
2875	·060	6 11 3.68	41 38		W	7
	·071	3.56	"		E	7
	·074	3.58	"	6.8	W	7
2880	·047	6 12 6.11	29 45	6.4	W	7
	·063	6.07	"	6.6	E	7
	·080	6.12	"		E	7
	·099	6.14	"		W	7
2886	·008	6 12 30.64	43 9	7.0	W	7
	·030	30.56	"		E	7
* 2892	·041	6 12 59.65	35 6		E	7
	·069	59.54	"		W	7
	·071	59.57	"		E	7
	·074	59.56	"		W	7
2893	·044	6 13 14.49	26 54	6.9	E	7
	·050	14.46	"	6.8	W	7
	·060	14.55	"		W	7
2900	·047	6 14 4.28	30 58	6.8	W	7
	·068	4.23	"		E	7
	·080	4.33	"		E	7
2904	·008	6 14 28.03	40 37	6.8	W	7
	·030	28.00	"		E	7
	·099	27.91	"		W	7
2910	·041	6 15 15.55	38 51	6.8	E	7
	·060	15.72	"		W	7
	·069	15.46	"		W	7
	·071	15.59	"		E	7
	·074	15.58	"		W	7
2915	·044	6 15 35.27	53 56	6.5	E	7
	·050	35.22	"	6.5	W	7
2919	·099	6 15 58.31	53 31		W	6
2921	·030	6 16 26.26	23 35		E	7
	·063	26.15	"		E	7
* 2924	·008	6 16 28.36	30 1		W	7
	·080	28.45	"		E	7
2929	·047	6 16 25.94	53 35	6.6	W	7
2931	·041	6 17 4.62	29 37		E	7
	·060	4.61	"		W	7
	·069	4.57	"		W	7
2938	·044	6 17 54.71	46 38	6.9	E	7
	·050	54.78	"	6.9	W	7
* 2940	·063	6 18 17.75	17 54		E	7
	·071	17.63	"		E	7
	·099	17.66	"		W	7
2947	·047	6 18 18.62	52 1	6.4	W	7
	·074	18.75	"	6.5	W	7
2950	·030	6 18 53.98	39 10		E	7
	·060	53.90	"		W	7
	·080	53.89	"		E	7
	·082	53.80	"		W	6
2957	·041	6 19 38.62	29 48	6.5	E	7
	·050	38.57	"	6.7	W	7
	·069	38.44	"		W	7
2967	·044	6 20 3.81	45 35	6.5	E	7
	·047	3.87	"	6.5	W	7
	·099	3.70	"		W	7
2975	·063	6 20 46.57	39 39	7.0	E	7
	·074	46.67	"	6.9	W	7
2981	·030	6 21 21.11	42 49		E	7
	·060	21.13	"		W	7
	·080	21.13	"		E	7
	·082	21.16	"		W	7
2990	·041	6 21 41.14	50 29	6.8	E	7
	·047	41.22	"	6.8	W	7
2991	·044	6 21 55.83	35 0	6.5	E	7
	·069	55.88	"		W	7
3000	·050	6 22 58.89	33 21	6.8	W	7
	·063	58.85	"	6.9	E	7
	·074	58.84	"		W	7
	·099	58.88	"		W	7
3008	·041	6 23 43.40	32 33	6.9	E	7
	·060	43.35	"		W	7
	·080	43.38	"		E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
3008	·082	6 23 43.42	32 33		W	6
3012	·047	6 23 53.48	52 36	6.9	W	5
* 3014	·030	6 24 27.68	32 31		E	7
	·041	27.53	"		E	6
	·060	27.70	"		W	6
	·069	27.67	"		W	7
	·071	27.81	"		E	5
	·080	27.71	"		E	6
	·102	27.68	"		E	7
3021	·044	6 25 10.34	45 33	7.2	E	7
	·050	10.57	"	7.2	W	7
3029	·063	6 26 0.84	45 43	7.0	E	7
	·074	0.87	"	6.8	W	7
3030	·041	6 26 13.50	31 6	6.9	E	7
	·047	13.37	"	6.9	W	7
	·069	13.54	"		W	7
	·099	13.43	"		W	7
	·102	13.40	"	7.0	E	7
3036	·030	6 27 17.04	34 56		E	7
	·050	17.10	"	6.6	W	7
	·071	17.02	"		E	7
	·080	17.19	"		E	7
	·091	16.98	"	6.9	W	7
3047	·044	6 27 42.90	41 16	6.8	E	7
	·060	42.94	"		W	7
3053	·041	6 28 18.21	37 6	6.9	E	7
	·047	18.22	"	6.9	W	7
	·074	18.24	"	6.9	W	7
	·099	18.23	"		W	7
	·102	18.30	"	7.0	E	7
3056	·063	6 28 46.60	27 20		E	7
	·069	46.59	"		W	7
	·091	46.61	"	6.9	W	7
	·093	46.69	"	6.9	E	7
3065	·030	6 29 38.08	44 9		E	7
	·050	38.02	"	6.6	W	7
	·071	37.81	"		E	7
	·080	37.91	"		E	7
3068	·041	6 30 16.03	29 33	6.8	E	7
	·060	15.93	"		W	7
	·102	15.98	"		E	7
3073	·044	6 30 19.62	48 28	6.5	E	7
	·047	19.72	"	6.5	W	7
* 3076	·091	6 30 51.98	22 53		W	7
	·093	51.85	"		E	7
	·099	51.92	"		W	7
3083	·063	6 31 2.21	42 1		E	7
	·069	2.26	"		W	7
3085	·074	6 31 25.74	34 58	6.9	W	7
	·080	25.76	"		E	7
3098	·030	6 32 23.35	36 0		E	7
	·060	23.46	"		W	7
* 3103	·044	6 32 46.36	52 54		E	7
	·047	46.31	"		W	7
	·050	46.43	"		W	6
	·063	46.20	"		E	7
	·071	46.17	"		E	7
	·091	46.27	"		W	7
	·093	46.33	"		E	7
	·099	46.30	"		W	7
	·102	46.24	"		E	7
3107	·069	6 33 6.18	50 13		W	7
	·074	6.30	"	6.4	W	7
	·104	6.22	"	6.4	W	7
3116	·060	6 34 13.12	23 30		W	7
	·080	13.10	"		E	7
3123	·044	6 34 29.31	44 53	6.9	E	7
	·093	29.33	"		E	7
* 3124	·030	6 34 42.06	43 6		E	7
	·047	42.08	"		W	7
	·074	42.03	"		W	7
3127	·071	6 34 50.54	52 16		E	7
3127	·099	6 34 50.80	52 16		W	6
3130	·063	6 35 5.70	49 26	6.5	E	7
	·069	5.74	"		W	7
	·102	5.69	"	6.6	E	7
	·104	5.70	"	6.5	W	7
3133	·050	6 35 47.28	43 44	6.7	W	7
	·060	47.10	"		W	6
	·091	47.01	"	7.2	W	7
3140	·044	6 36 37.68	28 10	6.8	E	7
	·047	37.72	"	6.8	W	7
	·080	37.74	"		E	7
3144	·030	6 36 44.07	43 19		E	7
	·074	44.05	"	7.0	W	7
	·099	43.99	"		W	7
	·107	44.11	"		E	7
3147	·050	6 37 12.78	43 48	7.2	W	7
	·060	12.76	"		W	6
	·063	12.83	"	7.0	E	7
	·093	12.86	"	7.0	E	7
	·102	12.82	"	7.0	E	7
	·104	12.88	"	7.2	W	7
3155	·069	6 38 16.67	23 8		W	7
	·071	16.64	"		E	7
3159	·030	6 38 53.27	38 18		E	7
	·044	53.20	"		E	7
	·080	53.25	"	6.5	E	7
	·099	53.30	"		W	7
3167	·047	6 39 5.00	52 36	7.0	W	7
	·074	4.99	"	6.9	W	7
	·102	4.83	"	6.8	E	6
	·104	5.00	"	7.0	W	7
	·107	4.99	"		E	7
3172	·050	6 39 54.81	27 29	7.0	W	7
	·060	54.77	"		W	7
	·063	54.81	"	6.9	E	7
	·091	54.72	"	7.0	W	7
	·093	54.94	"	7.2	E	7
* 3176	·104	6 40 44.69	16 35		W	7
3179	·030	6 40 52.45	27 15		E	7
	·069	52.43	"		W	7
	·071	52.36	"		E	7
	·080	52.44	"		E	7
	·099	52.44	"		W	7
3183	·044	6 41 20.69	31 33	7.0	E	7
	·047	20.67	"	6.9	W	7
	·074	20.70	"	6.9	W	7
	·102	20.79	"		E	7
3195	·050	6 42 23.31	29 27	6.6	W	7
	·060	23.26	"		W	7
	·063	23.28	"	6.6	E	7
	·091	23.08	"		W	7
	·093	23.31	"	6.7	E	7
3202	·069	6 42 44.03	39 26		W	7
	·071	43.88	"		E	7
	·080	44.08	"		E	7
	·099	44.05	"		W	7
	·104	44.05	"	6.7	W	7
3208	·030	6 43 31.27	28 27		E	7
	·047	31·06	"	7.0	W	7
	·102	31.24	"		E	7
3211	·044	6 43 36.32	52 18	6.0	E	7
	·074	36.35	"	6.2	W	7
	·107	36.42	"		E	4
3216	·050	6 44 35.08	27 16	7.0	W	7
	·060	34.94	"		W	7
	·063	35.06	"	7.0	E	7
	·091	34.94	"	7.2	W	7
	·093	35.13	"	7.2	E	7
3221	·069	6 44 55.62	47 11		W	7
	·071	55.62	"		E	7
	·080	55.60	"		E	7
	·099	55.70	"		W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
3221	.104	6 44 55.69	47 11	6.6	W	7
3226	.047	6 45 30.52	28 32	6.8	W	7
	.074	30.67	,,	6.8	W	7
	.102	30.60	,,		E	7
3231	.107	6 45 40.94	43 41		E	7
* 3234	.030	6 46 6.36	32 24		E	7
	.044	6.33	,,		E	7
	.060	6.30	,,		W	7
3236	.050	6 46 32.62	25 40	6.5	W	7
	.063	32.54	,,	6.6	E	7
	.093	32.48	,,		E	7
3242	.069	6 46 50.67	31 10		W	7
	.091	50.52	,,	6.8	W	7
3247	.099	6 47 2.82	45 20		W	7
	.102	2.64	,,	6.4	E	6
* 3252	.071	6 47 27.36	50 30		E	7
	.074	27.30	,,		W	7
	.080	27.19	,,		E	7
	.104	27.25	,,		W	7
3256	.047	6 47 56.82	42 5	6.8	W	7
	.060	56.75	,,		W	7
	.107	56.84	,,		E	7
3263	.030	6 48 21.10	47 12		E	7
	.050	21.13	,,	6.6	W	7
	.093	21.27	,,	6.5	E	7
3268	.063	6 49 14.59	24 34	6.7	E	7
	.069	14.65	,,		W	7
	.091	14.46	,,	6.7	W	7
	.099	14.64	,,		W	7
* 3270	.071	6 49 32.67	11 55		E	7
	.074	32.61	,,		W	7
	.080	32.59	,,		E	7
	.107	32.56	,,		E	6
3276	.102	6 49 33.73	40 34	6.8	E	7
	.104	33.82	,,	6.9	W	7
3282	.047	6 49 51.98	42 30	6.5	W	7
	.060	52.03	,,		W	7
3287	.050	6 50 35.85	34 6	6.8	W	7
	.091	35.70	,,	6.8	W	6
	.093	35.87	,,	6.8	E	7
3293	.071	6 51 19.16	28 54		E	7
	.099	19.21	,,		W	7
3299	.060	6 51 38.98	43 52		W	7
	.063	39.12	,,	7.0	E	7
	.102	39.05	,,	6.8	W	7
	.104	39.18	,,	6.8	W	7
3307	.047	6 52 14.10	38 32	6.9	W	6
	.050	14.12	,,	6.9	W	7
	.107	14.04	,,		E	7
3310	.047	6 52 54.03	38 29	6.8	W	6
	.091	54.00	,,	6.9	W	7
	.093	54.26	,,	6.9	E	7
3316	.060	6 53 42.76	27 24		W	7
	.071	42.67	,,		E	7
	.102	42.70	,,	6.5	E	7
3322	.074	6 54 17.88	30 37	6.9	W	7
	.099	17.90	,,		W	7
	.107	18.05	,,		E	7
* 3324	.050	6 54 30.01	25 17		W	7
	.063	30.01	,,		E	7
	.069	30.04	,,		W	7
3339	.047	6 55 7.59	45 58	6.5	W	7
	.091	7.56	,,	6.7	W	7
	.093	7.73	,,	6.5	E	7
3344	.102	6 55 27.36	52 30	6.4	E	7
	.104	27.70	,,	6.4	W	7
3352	.060	6 56 11.25	46 53		W	7
	.074	11.29	,,	7.0	W	7
	.099	11.34	,,		W	7
	.107	11.35	,,		E	7
3361	.047	6 57 7.42	25 48	6.7	W	7
	.050	7.59	,,	6.6	W	7
3361	.069	6 57 7.62	25 48		W	7
	.071	7.52	,,		E	7
	.093	7.43	,,	6.5	E	7
3371	.102	6 57 35.37	40 48	6.9	E	7
	.104	35.46	,,	6.8	W	7
3376	.074	6 58 11.94	35 24	6.7	W	7
	.091	11.80	,,	6.5	W	7
3374	.099	6 57 49.72	40 39		W	7
3379	.099	6 58 31.03	40 45		W	4
	.102	30.96	,,	6.5	E	6
* 3383	.060	6 58 50.81	23 41		W	7
	.069	50·92	,,		W	7
	.093	50.97	,,		E	7
	.107	50.94	,,		E	7
3387	.050	6 59 11.77	42 29	6.7	W	7
	.063	11.75	,,	6.9	E	7
	.071	11.89	,,		E	7
* 3385	.047	6 59 13.98	15 29		W	7
3391	.104	6 59 35.31	50 17	6.6	W	7
3399	.074	7 0 11.14	49 47	6.5	W	7
	.091	11.04	,,	6.6	W	7
	.102	11.14	,,	6.5	E	7
3409	.050	7 1 23.50	40 20	6.7	W	7
	.063	23.46	,,	6.8	E	7
	.093	23.53	,,	6.9	E	7
	.099	23.51	,,		W	7
	.107	23.55	,,		E	7
3415	.047	7 1 57.67	38 5	7.0	W	7
	.074	57.83	,,	7.0	W	7
	.104	57.83	,,	7.0	W	7
* 3425	.060	7 2 26.47	56 36		W	7
	.091	26.36	,,		W	7
	.102	26.46	,,		E	7
3424	.069	7 2 44.76	24 48		W	7
	.071	44.74	,,		E	7
3429	.093	7 3 11.80	23 41	6.5	E	7
	.099	11.73	,,		W	7
3434	.047	7 3 57.40	26 7	7.2	W	7
	.063	57.37	,,	7.5	E	7
	.107	57.53	,,		E	7
* 3438	.050	7 4 19.49	26 14		W	7
	.074	19.48	,,		W	3
	.091	19.42	,,		W	7
3441	.069	7 4 39.07	23 53		W	7
	.071	38.87	,,		E	7
3443	.102	7 4 25.25	50 28	7.2	E	7
	.104	25.38	,,	7.0	W	7
3455	.047	7 6 2.91	28 35	6.9	W	7
	.063	3.07	,,	6.9	E	7
	.093	3.12	,,	7.0	E	7
	.099	3.02	,,		W	7
3460	.069	7 6 18.24	27 20		W	7
	.074	18.30	,,	6.7	W	7
	.091	18.25	,,	6.4	W	7
3463	.102	7 6 55.98	37 3	6.9	E	7
	.104	55.90	,,	6.9	W	7
	.107	55.91	,,		E	7
3478	.047	7 8 12.77	30 39		W	7
	.063	12.84	,,	6.3	E	7
	.093	12.91	,,	6.7	E	7
	.099	12.79	,,		W	7
3484	.069	7 8 22.88	27 18		W	7
	.074	22.84	,,	6.8	W	7
	.091	22.83	,,	6.9	W	7
3491	.102	7 9 0.38	36 4	6.8	E	7
	.104	0.27	,,	7.0	W	7
* 3493	.047	7 9 42.54	46 36		W	7
	.063	42.53	,,		E	7
	.093	42.50	,,		E	7
	.099	42.54	,,		W	7
	.107	42.51	,,		E	7
3504	.074	7 10 15.80	51 2	6.8	W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
3504	·091	7 10 15.74	51 2	6.8	W	7
3517	·069	7 11 35.59	23 34		W	7
	·071	35.54	"		E	7
	·093	35.69	"		E	7
	·104	35.61	"	6.7	W	7
	·107	35.64	"		E	7
3526	·063	7 11 54.95	36 23	6,9	E	7
	·091	54.95	"	6.8	W	7
	·099	54.94	"		W	7
	·102	54.97	"	6.9	E	7
* 3550	·069	7 13 36.62	36 55		W	7
	·104	36.61	"		W	7
	·107	36.58	"		E	7
3552	·093	7 13 43.10	49 52	7.0	E	7
	·099	42.96	"		W	7
3559	·091	7 14 3.47	54 3	7.0	W	7
	·102	3.76	"	6.9	E	7
* 3560	·063	7 14 30.53	24 23		E	7
	·071	30.47	"		E	7
3575	·099	7 15 40.33	50 52		W	7
	·104	40.21	"	6.7	W	7
3580	·091	7 16 22.44	46 3	6.5	W	5
	·093	22.65	"	6.8	E	7
	·107	22.62	"		E	7
3589	·069	7 17 2.81	32 17		W	7
	·102	2.84	"	6.9	E	7
	·123	2.88	"	7.0	W	7
	·145	2.95	"	6.9	E	7
3601	·099	7 18 6.08	48 20		W	7
	·104	6.23	"	7.2	W	7
3614	·091	7 18 36.48	48 20	6.6	W	7
	·093	36.54	"	6.5	E	7
	·107	36.56	"		E	7
3620	·069	7 19 46.49	30 15		W	7
	·102	46.49	"	6.9	E	7
	·145	46.67	"	6.8	E	7
3628	·099	7 20 9.25	28 38		W	7
	·104	9.27	"	6.8	W	7
3639	·091	7 21 14.48	37 6	6.7	W	7
	·093	14.66	"	6.7	E	7
	·107	14.56	"		E	7
3646	·069	7 22 0.72	26 36		W	5
	·071	0.60	"		E	7
	·104	0.67	"	6.8	W	7
	·123	0.58	"	7.1	W	7
	·145	0.88	"	6.8	E	7
* 3627	·123	7 20 8.32	29 6		W	7
	·143	8.30	"		W	7
3650	·099	7 22 42.63	34 59		W	7
	·102	42.63	"	7.0	E	7
3659	·091	7 23 18.40	34 7	6.8	W	7
	·093	18.49	"	6.8	E	7
	·143	18.50	"	6.6	W	7
3662	·069	7 23 57.15	26 38		W	7
	·071	56.88	"		E	7
	·104	57.18	"	6.5	W	7
	·107	57.16	"		E	7
	·123	57.19	"	6.8	W	7
	·145	57.22	"	6.6	E	7
3668	·099	7 24 43.42	35 3		W	7
	·102	43.43	"	6.9	E	7
3679	·091	7 25 33.70	33 58	6.9	W	7
	·093	33.86	"	6.9	E	7
* 3683	·104	7 26 3.43	43 6		W	7
	·107	3.37	"		E	7
	·123	3.52	"		W	7
	·143	3.46	"		W	7
	·145	3.52	"		E	7
3690	·091	7 26 50.11	33 53	7.0	W	7
	·093	50.13	"	7.0	E	7
3694	·099	7 27 9.84	37 8		W	7
	·102	9.90	"	6.7	E	7
3704	·104	7 28 15.84	50 57	6.6	W	7
	·123	15.76	"	7.0	W	7
	·145	15.84	"	7.0	E	7
3709	·093	7 28 44.25	35 45		E	7
	·099	44.16	"		W	7
	·107	44.03	"		E	7
	·143	44.21	"	6.4	W	7
A 140	·071	7 29 46.24	22 5		E	7
	·091	46.26	"		W	7
	·102	46.27	"		E	7
3727	·104	7 30 26.89	33 15	6.7	W	7
	·123	26.82	"	6.7	W	7
	·145	26.97	"	6.4	E	7
3735	·093	7 31 6.31	41 51	7.0	E	7
	·099	6.36	"		W	7
	·107	6.33	"		E	7
3754	·123	7 32 57.10	41 52	7.3	W	7
	·143	57.08	"	6.9	W	7
	·145	57.28	"	7.1	E	7
* 3756	·091	7 33 11.29	52 18		W	7
	·093	11.27	"		E	7
	·099	11.24	"		W	7
	·104	11.26	"		W	7
	·107	11.31	"		E	7
* 3759	·102	7 33 40.01	34 45		E	6
3778	·091	7 35 2.55	38 33	6.5	W	7
	·093	2.60	"		E	7
	·107	2.61	"		E	7
	·123	2.54	"	6.4	W	7
	·145	2.59	"	6.4	E	7
3788	·099	7 36 7.51	29 56		W	7
	·104	7.46	"	7.0	W	7
	·143	7.41	"	6.5	W	7
3806	·091	7 37 5.22	45 7	6.7	W	7
	·093	5.15	"		E	7
	·123	5.05	"	6.7	W	7
3812	·099	7 37 43.55	42 57		W	7
	·104	43.69	"	6.7	W	7
	·107	43.63	"		E	7
3816	·143	7 38 13.55	44 24	6.5	W	7
	·145	13.51	"	6.6	E	7
* 3831	·099	7 39 47.60	28 43		W	7
	·107	47.61	"		E	7
	·123	47.64	"		W	7
3837	·091	7 40 16.39	31 26	6.9	W	7
	·093	16.41	"		E	7
	·145	16.45	"	6.9	E	7
3839	·102	7 40 21.91	24 26		E	7
	·104	21.91	"	6.5	W	7
	·143	21.91	"	6.3	W	7
* 3864	·123	7 41 41.41	37 44		W	7
	·145	41.44	"		E	7
3870	·099	7 41 52.38	37 21		W	7
	·104	52.36	"	6.7	W	7
3874	·091	7 42 16.97	44 38	6.9	W	7
	·093	17.02	"		E	7
	·143	16.82	"	7.0	W	7
3885	·102	7 43 6.54	39 49		E	7
3891	·099	7 43 35.45	49 0		W	7
	·104	35.42	"	6.5	W	7
	·123	35.36	"	6.6	W	7
3905	·091	7 44 13.49	49 56	6.5	W	6
	·093	13.52	"		E	7
	·143	13.52	"	6.8	W	7
3914	·162	7 44 43.47	40 24		E	7
3921	·102	7 45 16.56	37 57		E	7
	·145	16.54	"	6.8	E	7
3930	·099	7 45 49.18	40 27		W	7
	·104	49.12	"	6.6	W	7
	·123	49.08	"	6.7	W	7
3937	·091	7 46 18.94	44 30	6.3	W	7
	·093	18.91	"		E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
3937	·143	7 46 18.88	44 30	6.6	W	7
3942	·162	7 46 45.72	35 59		E	7
3954	·099	7 47 31.78	44 19		W	7
	·102	31.70	"		E	7
	·123	31.73	"	6.5	W	7
	·145	31.74	"	6.5	E	7
3960	·091	7 48 6.25	47 41	6.7	W	5
	·093	6.05	"		E	7
	·104	6.13	"	6.7	W	7
	·143	5.98	"	6.9	W	6
* 3965	·162	7 48 46.74	40 19		E	7
3973	·099	7 49 40.14	26 0		W	7
	·102	40.10	"		E	7
	·123	40.11	"	6.8	W	7
	·145	40.01	"	6.9	E	7
3977	·091	7 50 5.62	50 16	6.5	W	7
	·093	5.63	"		E	7
	·104	5.71	"	6.6	W	7
* 3981	·143	7 50 21.90	47 51		W	7
3984	·162	7 50 55.84	31 16		E	7
3993	·102	7 51 42.99	45 24		E	7
	·104	42.99	"	6.6	W	6
	·123	42.90	"	6.8	W	7
	·145	43.08	"	6.6	E	7
3995	·091	7 52 4.86	50 18	7.2	W	7
	·099	4.75	"		W	7
4006	·093	7 53 15.47	34 7		E	7
	·143	15.41	"	6.6	W	7
	·162	15.45	"		E	7
4014	·102	7 53 51.24	43 13		E	7
	·104	51.21	"	6.7	W	7
* 4017	·123	7 54 14.05	52 43		W	7
	·145	14.04	"		E	7
4020	·091	7 54 27.64	40 31	6.4	W	7
	·099	27.50	"		W	7
	·167	27.73	"		W	7
4024	·093	7 54 57.29	36 45		E	7
	·143	57.28	"	6.6	W	7
4038	·102	7 55 50.55	47 25		E	7
	·104	50.46	"	6.6	W	7
4049	·091	7 56 28.44	51 12	6.7	W	7
	·123	28.33	"	6.7	W	7
	·145	28.41	"	6.7	E	7
4056	·093	7 56 51.36	44 45		E	7
	·099	51.41	"		W	6
	·143	51.35	"	6.7	W	7
4067	·102	7 57 49.01	26 56	6.5	E	6
	·104	49.03	"	6.7	W	7
	·162	49.07	"		E	7
4075	·167	7 58 30.16	27 16		W	7
4080	·091	7 58 40 89	51 10	6.9	W	6
	·123	40.66	"	7.0	W	7
	·145	40.75	"	6.9	E	7
4085	·093	7 59 13.34	44 23		E	7
	·143	13.35	"	6.6	W	7
4093	·091	7 59 40.48	51 10	6.6	W	7
	·104	40.21	"	6.5	W	7
	·123	40.28	"		W	7
	·145	40.34	"	6.7	E	7
* 4097	·099	8 0 4.15	39 43		W	7
	·102	4.21	"		E	7
4099	·162	8 0 9.17	42 40		E	7
4100	·167	8 0 20.50	25 25		W	7
4105	·093	8 1 8.57	42 28		E	7
	·143	8.54	"	6.9	W	6
4108	·104	8 1 47.21	54 11	6.8	W	7
	·145	47.02	"	7.0	E	5
4123	·091	8 2 44 27	39 49	6.8	W	7
	·102	44.26	"	7.0	E	7
	·123	44.22	"	6.5	W	7
* 4127	·093	8 3 17.16	24 1		E	7
	·099	17.10	"		W	7
* 4127	·143	8 3 17.04	24 1		W	7
	·162	17.10	"		E	7
	·167	17.09	"		W	7
4140	·104	8 4 17.94	51 39	6.6	W	7
	·145	17.91	"	6.6	E	7
4150	·091	8 5 11.73	31 21	6.8	W	7
	·093	11.79	"	6.9	E	7
4149	·102	8 5 2.19	39 12	6.9	E	7
	·123	2.14	"	6.6	W	7
	·143	2.03	"	7.0	W	7
	·162	2.22	"		E	7
	·175	2.10	"		W	6
4153	·123	8 5 28.40	39 13	6.7	W	7
	·175	28.46	"		W	4
* 4163	·104	8 6 27.02	47 2		W	7
	·167	27.04	"		W	7
	·178	27.04	"		E	7
4165	·145	8 6 30.52	50 43	6.9	E	7
4184	·091	8 7 37.12	40 28	6.4	W	7
	·093	37.02	"	6.6	E	7
	·123	36.96	"	6.5	W	7
	·162	37.00	"		E	7
4193	·102	8 7 58.76	48 12	6.8	E	7
	·175	58.81	"		W	2
4203	·145	8 8 43.16	29 37	6.7	E	7
	·167	43.22	"		W	7
	·178	43.28	"	7.0	E	7
* 4200	·104	8 8 44.19	15 29		W	7
4214	·091	8 9 47.48	33 16	6.4	W	7
	·093	47.54	"	6.8	E	7
	·123	47.36	"	6.6	W	7
	·162	47.50	"		E	7
	·175	47.46	"		W	7
4221	·102	8 10 25.69	35 11	6.5	E	7
	·143	25.69	"	6.4	W	7
	·167	25.72	"		W	7
4228	·104	8 10 47.36	44 16	6.5	W	7
	·145	47.25	"	6.5	E	7
	·178	47.20	"	6.7	E	7
4236	·091	8 11 51.87	30 37	6.4	W	7
	·093	52.00	"	6.6	E	7
	·123	51.86	"	6.5	W	7
	·162	52.00	"		E	7
	·167	52.02	"		W	7
4241	·102	8 12 30.77	48 44	7.3	E	7
	·104	30.87	"	7.3	W	7
	·143	30.70	"	7.4	W	7
	·145	30.59	"	7.5	E	7
4250	·178	8 13 20.73	28 49	7.0	E	7
	·181	20.80	"		E	7
4265	·093	8 14 29.59	37 4	6.9	E	7
	·104	29.47	"	6.7	W	7
	·123	29.50	"	6.8	W	7
	·143	29.67	"	6.6	W	7
	·162	29.62	"		E	7
	·167	29.56	"		W	7
* 4268	·091	8 14 48.74	36 21		W	7
	·102	48.70	"		E	7
	·175	48.71	"		W	7
4269	·178	8 15 19.11	38 46	7.0	E	7
4288	·091	8 16 46.22	49 13	6.5	W	7
	·093	46.11	"	6.7	E	7
	·123	45.97	"	6.6	W	7
	·143	46.09	"	6.8	W	7
	·145	46.04	"	6.7	E	7
	·167	46.14	"		W	7
4291	·102	8 17 13.76	43 56	6.9	E	7
	·104	13.75	"	6.8	W	7
	·162	13.87	"		E	7
	·175	13.74	"		W	7
	·178	13.77	"	6.8	E	7
4310	·091	8 18 45.23	31 17	6.8	W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
4310	·093	8 18 45.30	31 17	6.9	E	7
	·123	45.20	„	6.9	W	7
	·143	45.11	„	6.7	W	6
	·145	45.23	„	6.9	E	7
	·181	45.25	„		E	7
4317	·102	8 19 18.75	44 33	6.9	E	7
	·104	18.66	„	6.8	W	7
	·175	18.71	„		W	7
	·178	18.70	„	6.8	E	7
4327	·162	8 20 1.53	32 34		E	7
	·167	1.52	„		W	7
* 4336	·143	8 20 27.67	59 11		W	7
4340	·091	8 21 10.71	31 37	6.7	W	7
	·093	10.77	„	6.9	E	7
	·123	10.65	„	6.7	W	7
	·145	10.65	„	6.8	E	7
	·181	10.73	„		E	7
4346	·102	8 21 42.99	29 36	7.0	E	7
	·104	43.02	„	7.1	W	7
	·175	43.02	„		W	7
	·178	42.95	„	7.2	E	7
4354	·162	8 22 37.59	38 44		E	7
	·167	37.45	„		W	7
4365	·091	8 23 14.96	47 46	6.9	W	7
	·093	14.85	„	7.0	E	7
	·123	14.91	„	6.9	W	7
	·145	14.90	„	6.9	E	7
4375	·102	8 24 7.25	34 47	6.6	E	7
	·104	7.22	„	6.3	W	7
	·175	7.21	„		W	7
	·178	7.16	„	6.4	E	7
	·184	7.21	„		E	7
4386	·162	8 24 55.87	28 21		E	7
	·167	55.83	„		W	7
4400	·091	8 25 23.75	51 26	6.9	W	7
	·093	23.47	„	6.8	E	7
	·123	23.55	„	6.9	W	7
	·143	23.70	„	6.9	W	7
	·145	23.68	„	6.9	E	6
4410	·102	8 26 27.93	31 49	6.5	E	7
	·104	28.04	„	6.4	W	7
	·162	27.87	„		E	7
	·167	27.88	„		W	7
	·178	27.90	„		E	7
	·181	28.03	„		E	7
4435	·091	8 27 53.76	29 2	6.9	W	7
	·093	53.91	„	7.0	E	7
	·123	53.76	„	7.0	W	7
	·143	53.72	„	6.9	W	7
	·145	53.77	„	7.0	E	6
	·184	53.73	„		E	7
4441	·102	8 28 26.23	46 54	6.4	E	7
	·104	26.34	„	6.5	W	7
	·162	26.29	„		E	7
	·167	26.29	„		W	7
	·178	26.30	„	6.6	E	7
4456	·091	8 29 42.31	45 25	6.5	W	7
	·093	42.36	„	6.3	E	7
	·123	42.17	„	6.4	W	7
	·143	42.21	„	6.6	W	7
	·145	42.22	„	6.6	E	7
	·175	42.22	„		W	7
	·184	42.34	„		E	7
4470	·102	8 30 31.50	32 15	6.6	E	7
	·104	31.54	„	6.7	W	7
	·162	31.42	„		E	7
	·167	31.26	„		W	7
	·178	31.51	„	6.7	E	7
	·181	31.42	„		E	7
4482	·091	8 31 31.92	39 37	6.5	W	7
	·093	31.91	„	6.5	E	7
	·123	31.76	„	6.5	W	7
4482	·175	8 31 31.89	39 37		W	7
	·184	31.84	„		E	7
	·195	31.93	„	6.6	E	7
4489	·102	8 32 12.94	47 13	6.5	E	7
	·104	12.85	„	6.5	W	7
	·143	12.92	„	6.8	W	7
	·178	12.89	„	6.7	E	7
4511	·091	8 33 34.43	43 46	6.7	W	7
	·123	34.25	„	6.6	W	7
	·175	34.39	„		W	7
	·195	34.33	„	6.7	E	7
* 4517	·093	8 34 7.73	42 38		E	7
	·102	7.62	„		E	7
	·104	7.62	„		W	7
	·167	7.71	„		W	7
	·178	7.65	„		E	7
	·181	7.68	„		E	7
	·184	7.61	„		E	7
4521	·143	8 34 19.02	37 39	6.7	W	6
	·145	18.96	„	6.8	E	7
4532	·091	8 35 51.95	33 39	6.8	W	7
	·123	51.93	„	6.8	W	7
	·175	52.04	„		W	7
4537	·178	8 36 3.35	42 8	7.3	E	7
	·195	3.38	„	7.3	E	7
* 4538	·093	8 36 11.20	34 57		E	7
	·104	11.29	„		W	7
	·145	11.22	„		E	7
	·162	11.29	„		E	4
	·167	11.27	„		W	7
	·181	11.27	„		E	7
4558	·123	8 37 34.24	50 39	7.0	W	6
	·143	34.35	„	7.0	W	7
	·184	34.31	„		E	7
4567	·145	8 38 9.50	44 38	6.8	E	7
	·175	9.37	„		W	7
	·178	9.33	„	6.2	E	6
4573	·167	8 39 3.21	35 35		W	7
	·195	3.22	„	6.5	E	7
* 4581	·091	8 39 34.41	32 49		W	7
	·181	34.49	„		E	7
4587	·123	8 39 42.71	45 12	6.5	W	7
	·143	42.95	„	6.7	W	7
	·178	42.82	„	6.5	E	7
	·184	42.66	„		E	7
4600	·145	8 40 27.69	46 26	6.8	E	7
	·175	27.64	„		W	7
* 4627	·123	8 41 56.49	54 20		W	7
	·162	56.48	„		E	7
	·178	56.47	„		E	7
	·184	56.47	„		E	6
	·195	56.49	„		E	7
4626	·143	8 42 5.93	40 15	6.7	W	7
	·167	6.14	„		W	6
	·181	6.14	„		E	5
* 4632	·145	8 42 38.20	45 41		E	7
	·175	38.16	„		W	7
4658	·167	8 43 57.07	38 34		W	7
	·175	57·00	„		W	5
	·178	57.09	„	6.9	E	7
	·181	56.91	„		E	7
4666	·123	8 44 14.72	51 33	7.0	W	7
	·145	14.72	„	7.0	E	6
4671	·184	8 45 20.04	30 34		E	7
	·195	19 94	„	7.0	E	7
4680	·143	8 46 5.85	30 3	6.8	W	7
	·167	5.76	„		W	7
	·181	5.72	„		E	7
* 4685	·123	8 46 17.26	27 20		W	7
	·145	17.25	„		E	7
	·162	17.26	„		E	7
	·175	17.26	„		W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
* 4685	.178	8 46 17.24	27 20		E	7
4702	.184	8 47 50.63	42 8		E	7
	.195	50.61	,,		E	7
4707	.167	8 48 13.33	40 37		W	7
	.178	13.24	,,	6.5	E	7
4709	.123	8 48 17.75	43 46	6.5	W	7
	.143	17.82	,,	6.6	W	7
	.145	17.81	,,	6.7	E	7
	.175	17.82	,,		W	7
4715	.162	8 48 58.85	40 36		E	7
	.178	58.93	,,	7.0	E	7
	.206	59.01	,,	7.0	E	7
4733	.123	8 50 22.15	42 6	6.7	W	7
	.143	22.20	,,	6.8	W	7
	.145	22.17	,,	6.9	E	7
	.175	22.18	,,		W	7
	.195	22.01	,,		E	7
4741	.178	8 51 2.63	51 19	7.2	E	7
	.184	2.77	,,		E	7
	.206	2.93	,,	7.0	E	7
4745	.162	8 51 48.55	44 40		E	7
	.167	48.63	,,		W	7
	.175	48·52	,,		W	7
4749	.123	8 52 26.68	36 44	6.7	W	7
	.143	26.79	,,	6.6	W	7
	.145	26.68	,,	7.0	E	7
	.181	26.61	,,		E	7
	.195	26.70	,,	6.6	E	7
4766	.175	8 53 54.25	43 53		W	7
	.178	54.21	,,	6.9	E	7
	.184	54.32	,,		E	7
	.206	54.29	,,	7.0	E	7
4772	.123	8 55 1.05	28 25	6.5	W	7
	.143	1.13	,,	6.5	W	7
	.145	1.04	,,	6.7	E	7
	.162	0.97	,,		E	7
	.167	1.05	,,		W	7
	.181	1.02	,,		E	7
	.195	1.09	,,	6.5	E	5
4783	.206	8 56 2.11	54 15	7.0	E	7
4794	.123	8 56 48.24	53 51	7.0	W	7
	.145	48.28	,,	7.0	E	6
	.175	48.13	,,		W	7
	.178	48.30	,,	7.0	E	7
4805	.143	8 57 40.74	50 3	7.1	W	5
	.195	40.94	,,	7.0	E	5
	.206	41.00	,,	7.0	E	5
4813	.123	8 58 46.03	25 6	6.6	W	7
	.145	45.98	,,	6.7	E	7
	.162	46.04	,,		E	7
	.167	46.08	,,		W	7
	.181	46.03	,,		E	7
	.184	46.06	,,		E	7
4821	.175	8 59 33.34	33 18		W	7
	.178	33.41	,,	6.9	E	7
4828	.123	9 0 39.61	47 2	6.4	W	7
	.143	39.75	,,	6.5	W	7
	.145	39.62	,,	6.4	E	7
* 4830	.162	9 0 42.22	46 42		E	7
	.167	42.20	,,		W	7
	.184	42.30	,,		E	7
	.195	42.22	,,		E	7
	.206	42.30	,,		E	7
4835	.178	9 1 22.28	52 7	6.5	E	6
4840	.175	9 2 14.15	49 53		W	7
4845	.123	9 3 14.55	29 41	6.9	W	7
	.143	14.50	,,	6.7	W	7
	.145	14.59	,,	7.1	E	7
	.167	14.60	,,		W	7
	.181	14.65	,,		E	6
	.206	14.66	,,	7.0	E	7
4852	.178	9 3 35.45	52 8	7.0	E	7
4856	.175	9 4 9.56	36 57		W	7
	.184	9.65	,,		E	7
4867	.123	9 5 18.99	29 25	6.7	W	7
	.143	19.14	,,	6.5	W	7
	.145	19.09	,,	6.7	E	7
	.167	19.18	,,		W	7
	.181	19.01	,,		E	2
	.206	19.05	,,		E	7
4879	.175	9 6 5.83	25 53		W	7
	.178	5.82	,,	7.0	E	7
	.181	5.83	,,		W	7
	.195	5.84	,,	7.0	E	7
	.214	5·83	,,		W	7
	.219	5.83	,,		W	6
4889	.123	9 7 14.83	42 51	6.6	W	7
	.143	14.93	,,	6.7	W	7
	.145	14.92	,,		E	7
	.167	14.95	,,		W	7
	.184	15.02	,,		E	7
	.206	15.02	,,	6.6	E	7
4890	.145	9 7 25.00	42 51		E	7
	.167	24.99	,,		W	5
	.206	25.02	,,	7.0	E	7
	.222	25.23	,,	7.0	W	7
4895	.175	9 8 4.12	28 32		W	7
	.178	4.17	,,	6.8	E	7
	.181	4.04	,,		W	7
	.195	4.19	,,	6.5	E	7
	.214	4.04	,,		W	7
	.219	4.17	,,		W	7
4912	.123	9 9 32.32	41 52	6.4	W	7
	.143	32.36	,,	6.5	W	7
	.145	32.28	,,	6.5	E	7
	.167	32.41	,,		W	7
	.206	32.36	,,	6.5	E	7
	.222	32.47	,,	6.5	W	7
4918	175	9 10 13.82	53 34		W	7
	.178	13.69	,,	7.0	E	7
	.195	13.56	,,	7.5	E	6
4930	.167	9 11 0.52	43 3		W	6
	.184	0.48	,,		E	7
	.219	0.45	,,		W	7
4942	.123	9 11 48.80	28 28	6.8	W	7
	.143	48.92	,,	6.8	W	7
	.145	48.74	,,	6.9	E	7
	.206	48.99	,,	6.9	E	7
	.214	48.82	,,		W	7
	.222	48.91	,,	7.0	W	7
4947	.175	9 12 24.11	44 29		W	7
	.178	24.11	,,	6.0	E	6
	.219	24.24	,,		W	6
4955	.167	9 13 2.65	39 42		W	7
	.195	2.66	,,	6.7	E	7
4960	.123	9 13 42.58	51 1	6.9	W	7
	.143	42.77	,,	7.0	W	7
* 4968	.145	9 14 24.78	58 51		E	7
	.175	24.76	,,		W	7
	.184	24.75	,,		E	7
	.206	24.75	,,		E	7
4966	.178	9 14 35.13	38 37	6.5	E	7
	.222	35.34	,,	6.8	W	7
AGC12083	.143	9 15 11.00	44 35	6.8	W	6
	.195	10.86	,,	6.5	E	7
	.214	10.85	,,		W	7
4980	.123	9 15 30.71	47 33	6.5	W	7
	.167	30.79	,,		W	6
4987	.178	9 16 27.34	28 23	7.0	E	7
	.206	27.50	,,	7.0	E	7
	.219	27.46	,,		W	7
* 4996	.123	9 17 3.86	25 32		W	7
	.143	3.98	,,		W	7
	.145	3.85	,,		E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
* 4996	·175	9 17 3.89	25 32		W	7
	·195	3.92	„		E	7
	·214	3.89	„		W	7
5000	·184	9 17 29.48	45 35		E	7
	·222	29.65	„	7.0	W	7
5011	·167	9 18 40.63	39 21		W	7
	·178	40.61	„	6.5	E	7
	·206	40.61	„	6.6	E	7
	·219	40.67	„		W	7
* 5018	·143	9 19 0.94	54 35		W	6
	·175	0.89	„		W	7
	·195	1.05	„		E	7
	·214	0.99	„		W	7
	·222	1.01	„		W	7
5034	·167	9 20 57.76	28 33		W	7
	·175	57.85	„		W	7
	·184	57.93	„		E	7
	·206	57.74	„	7.0	E	7
5042	·195	9 21 42.70	30 56	6.8	E	7
	·222	42.70	„	7.0	W	7
5054	·214	9 22 24.12	33 28		W	7
5063	·167	9 23 2.61	33 21		W	7
	·175	2.55	„		W	7
	·178	2.62	„		E	7
	·184	2.61	„		E	7
	·206	2.57	„	6.8	E	7
	·219	2.59	„		W	7
5074	·195	9 23 41.49	53 55	6.6	E	7
5080	·214	9 24 10.57	25 0		W	7
	·222	10.62	„	6.8	W	7
* 5090	·167	9 25 7.02	35 31		W	7
	·206	6.94	„		E	7
	·219	6.97	„		W	7
5099	·175	9 25 43.70	23 50		W	7
	·178	43.66	„		E	7
	·184	43.72	„		E	7
	·195	43.72	„	6.5	E	7
* 5124	·214	9 26 45.66	40 1		W	7
	·222	45.67	„		W	7
5132	·206	9 27 22.60	35 16	6.5	E	7
	·219	22.50	„		W	7
5138	·175	9 27 55.64	28 11		W	7
	·195	55.57	„	6.8	E	7
* 5143	·167	9 28 10.95	56 35		W	7
	·178	10.88	„		E	7
A 179	·222	9 28 36.10	20 40		W	7
5148	·214	9 29 5.94	38 41		W	7
	·219	5.82	„		W	7
	·236	6.08	„		E	7
5154	·175	9 29 43.41	31 35		W	7
	·195	43.41	„	6.7	E	7
5160	·178	9 30 5.57	49 19	6.5	E	7
	·206	5.72	„	6.5	E	7
5170	·167	9 31 2.33	35 23		W	6
	·184	2.40	„		E	7
	·214	2.24	„		W	7
	·219	2.21	„		W	7
	·222	2.22	„	6.7	W	7
5180	·175	9 31 45.08	45 40		W	7
	·178	45.04	„	7.0	E	7
	·195	44.96	„	7.4	E	7
5187	·206	9 32 30.34	24 51	6.5	E	7
	·236	30.43	„	6.5	E	7
5200	·167	9 33 6.59	29 21		W	7
	·214	6.46	„		W	7
	·222	6.46	„	6.8	W	7
5211	·175	9 33 54.67	49 33		W	7
	·178	54.60	„	6.6	E	7
	·184	54.59	„		E	7
	·195	54.70	„	6.5	E	7
5217	·206	9 34 28.29	48 19	6.8	E	7
	·236	28.33	„		E	7
5226	·222	9 35 20.37	48 37	7.0	W	7
* 5225	·167	9 35 30.72	13 52		W	7
	·219	30.78	„		W	5
5232	·178	9 35 58.04	52 29	6.8	E	7
	·214	58.25	„		W	7
5236	·175	9 36 8.36	54 18		W	7
	·195	8.34	„	6.5	E	7
5242	·167	9 37 7.79	32 56		W	7
	·184	7.89	„		E	7
	·206	7.87	„	6.9	E	7
	·236	7.93	„	6.5	E	7
5246	·178	9 37 37.66	54 32	6.5	E	6
	·222	37.90	„	6.5	W	7
5255	·167	9 38 34.37	32 57		W	7
	·175	34.33	„		W	7
	·195	34.33	„	6.8	E	7
	·206	34.36	„	7.2	E	7
	·214	34.34	„		W	7
* 5261	·178	9 39 44.56	27 19		E	7
	·184	44.56	„		E	7
	·219	44.61	„		W	7
	·236	44.62	„		E	7
5267	·175	9 40 10.64	39 7		W	7
	·206	10.54	„	6.6	E	7
	·214	10.63	„		W	7
	·222	10.56	„	6.8	W	7
5273	·167	9 40 54.71	48 5		W	7
	·195	54.73	„	6.3	E	7
5276	·175	9 41 52.73	26 49		W	7
	·178	52.76	„	6.8	E	7
	·236	52.83	„	6.9	E	7
5286	·206	9 42 31.35	40 13	6.8	E	7
	·214	31.45	„		W	6
	·222	31.29	„	7.0	W	7
5299	·167	9 43 18.14	37 16		W	7
	·184	18.03	„		E	7
	·195	18.12	„	6.9	E	7
5304	·175	9 44 12.75	25 57		W	7
	·178	12.74	„	6.8	E	7
	·236	12.84	„	6.9	E	7
5312	·167	9 45 10.58	43 1		W	7
	·195	10.49	„	6.1	E	7
	·206	10.48	„	6.5	E	7
	·222	10.41	„	6.7	W	7
5321	·175	9 45 55.48	39 42		W	7
	·178	55.43	„	6.8	E	7
	·236	55.43	„	7.0	E	7
* 5342	·175	9 47 48.79	46 5		W	7
	·184	48.90	„		E	7
	·195	48.78	„		E	7
	·206	48.82	„		E	7
	·219	48.85	„		W	5
5339	·167	9 47 34.60	32 31		W	7
	·178	34.53	„	6.8	E	7
	·222	34.42	„	6.9	W	7
5356	·233	9 48 58.96	51 14	6.5	W	7
	·236	58.91	„	7.0	E	7
5365	·175	9 49 34.70	54 54		W	6
	·178	35.06	„	6.4	E	7
	·206	34.92	„	6.4	E	7
	·222	34.90	„	6.5	W	7
5370	·167	9 50 30.11	46 10		W	7
	·195	30.20	„	6.3	E	7
	·214	29.98	„		W	7
5376	·175	9 51 20.45	41 7		W	7
	·178	20.49	„	6.4	E	6
	·184	20.62	„		E	7
	·206	20.54	„		E	7
	·222	20.43	„	6.5	W	7
	·236	20.53	„	6.5	E	7
5386	·167	9 52 14.56	26 4		W	7
	·233	14.45	„	6.7	W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
* 5400	·175	9 53 21.12	54 6		W	7
	·178	21.10	"		E	7
	·195	20.96	"		E	7
	·206	21.05	"		E	7
	·222	20.99	"		W	7
	·236	21.05	"		E	7
* 5410	·167	9 54 34.84	35 25		W	7
	·184	34.69	"		E	7
	·233	34.68	"		W	7
5417	·175	9 55 30.51	30 52		W	7
	·178	30.47	"	6.9	E	7
	·206	30.47	"		E	7
	·236	30.43	"	7.0	E	7
5418	·195	9 55 26.40	44 28	6.5	E	7
	·222	26.30	"	6.8	W	7
5425	·233	9 57 2.47	38 58	6.9	W	7
	·236	2.56	"	6.9	E	7
5427	·175	9 57 9.36	37 37		W	7
	·178	9.33	"	7.0	E	7
	·195	9.32	"	6.8	E	7
5439	·206	9 58 21.00	30 6	6.5	E	7
	·222	21.04	"	6.5	W	7
5448	·178	9 59 5.35	24 50	6.7	E	7
	·233	5.30	"	6.7	W	7
	·236	5.24	"	6.8	E	7
* 5455	·175	9 59 43.79	23 48		W	7
	·184	43.91	"		E	7
	·195	43.74	"		E	7
5472	·206	10 0 55.62	35 54	6.5	E	7
	·222	55.61	"	6.5	W	7
5479	·178	10 1 9.22	51 32	6.7	E	7
	·233	9.25	"	6.7	W	7
	·236	9.22	"	7.0	E	7
5493	·178	10 3 34.45	31 34	7.0	E	7
	·206	34.28	"	6.8	E	7
	·222	34.37	"	7.0	W	7
	·233	34.36	"	6.9	W	7
	·236	34.40	"	7.0	E	7
5506	·206	10 5 6.31	32 21	6.8	E	7
	·222	6.34	"	6.9	W	7
5518	·178	10 5 48.83	46 57	6.5	E	7
	·195	48.99	"	6.5	E	5
	·233	48.98	"	6.5	W	7
	·236	48.89	"	6.5	E	6
5533	·206	10 7 22.78	33 50		E	7
	·222	22.73	"	6.7	W	7
5546	·178	10 8 15.16	29 0	6.9	E	7
	·195	15.24	"	6.8	E	7
	·233	15.17	"	7.0	W	7
	·236	15.21	"	6.8	E	7
5571	·236	10 9 54.05	43 36	6.7	E	7
* 5578	·178	10 10 32.25	41 37		E	7
	·195	32.19	"		E	7
	·206	32.20	"		E	7
	·222	32.12	"		W	7
	·233	32.21	"		W	7
5588	·236	10 11 30.69	28 7	6.8	E	7
5604	·206	10 12 24.25	49 10	7.2	E	6
	·233	24.36	"	7.0	W	7
5616	·222	10 13 48.11	39 44	7.2	W	7
	·236	48.38	"	7.0	E	7
5626	·206	10 14 39.85	51 15	7.0	E	7
	·233	39.97	"	6.7	W	6
* 5640	·222	10 16 11.88	47 12	6.5	W	7
	·236	11.99	"		E	7
5649	·206	10 16 46.35	51 10	6.8	E	7
	·233	46.43	"	7.0	W	7
5668	·222	10 18 16.82	47 28	7.0	W	7
	·236	16.83	"	7.0	E	7
5679	·206	10 19 23.87	41 27	6.5	E	7
	·233	23.77	"	6.5	W	7
5688	·222	10 20 32.79	37 48	6.8	W	7
5688	·236	10 20 32.86	37 48		E	7
* 5697	·195	10 21 15.21	16 19		E	7
	·206	15.19	"		E	7
	·233	15.18	"		W	7
	·274	15.19	"		E	7
* 5714	·236	10 22 34.57	30 33		E	7
5721	·206	10 23 25.84	43 50		E	6
	·222	25.76	"	6.8	W	7
	·233	25.76	"	6.6	W	7
	·274	25.87	"		E	7
5753	·206	10 26 10.06	25 58	6.9	E	7
	·222	10.03	"	6.8	W	7
	·233	10.04	"	6.8	W	7
5758	·274	10 26 52.60	41 43		E	7
5782	·206	10 29 5.80	39 43		E	7
	·222	5.84	"	6.7	W	7
	·233	5.99	"		W	5
	·274	5.86	"	6.5	E	7
* 5786	·236	10 29 15.46	23 14		E	7
5801	·206	10 30 47.93	45 23	7.0	E	5
	·233	48.01	"		W	7
	·236	48.01	"		E	7
	·274	47.92	"	6.9	E	7
5830	·222	10 32 32.98	40 49	6.8	W	7
	·233	33.12	"		W	7
5840	·206	10 33 14.50	53 20	6.5	E	5
	·274	14.41	"	6.4	E	7
* 5867	·206	10 35 19.42	55 5		E	6
	·222	19.49	"		W	7
	·233	19.55	"		W	7
	·274	19.50	"		E	7
5886	·233	10 36 55.97	35 12		W	6
	·236	56.09	"		E	7
5896	·206	10 37 28.64	40 10	6.9	E	7
	·222	28.50	"	7.0	W	7
	·274	28.75	"	6.8	E	7
5910	·233	10 38 43.17	31 37		W	7
	·236	43.13	"		E	7
5922	·206	10 39 50.88	48 22	6.5	E	6
	·222	50.83	"	6.7	W	7
	·274	50.95	"	6.6	E	7
5937	·236	10 41 15.12	36 25		E	6
5951	·222	10 42 0.30	42 7	6.8	W	7
	·274	0.33	"	6.7	E	7
* 5957	·206	10 42 28.00	48 53		E	7
	·233	27.99	"		W	7
5982	·222	10 44 16.12	47 49	6.9	W	7
	·274	16.19	"	6.5	E	7
* 5986	·233	10 44 41.42	15 40		W	7
	·236	41.36	"		E	7
5998	·222	10 45 57.32	48 35	6.5	W	7
	·274	57.40	"	6.5	E	7
6005	·222	10 47 31.47	48 37	6.5	W	7
	·233	31.58	"	6.5	W	7
	·274	31.47	"	6.5	E	7
6027	·222	10 49 17.76	42 35	6.9	W	7
6031	·233	10 49 22.89	50 58		W	6
* 6052	·222	10 52 3.38	36 36		W	7
	·274	3.35	"		E	7
6053	·233	10 52 7.70	30 40		W	7
6068	·222	10 54 22.18	34 20	7.0	W	7
	·233	22.16	"		W	7
	·274	22.19	"	7.1	E	7
6094	·222	10 56 27.59	51 32	6.5	W	7
	·233	27.42	"		W	7
	·274	27.57	"	6.4	E	7
6106	·222	10 58 14.29	25 2	6.8	W	7
6118	·233	10 59 7.92	32 54		W	7
	·274	7.94	"	6.8	E	7
* 6139	·222	11 0 30.86	26 45		W	7
6148	·233	11 1 14.09	41 22		W	7
	·274	14.12	"	7.1	E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
6167	·222	11 2 37.63	27 57	7.0	W	7
6176	·233	11 3 26.22	29 26		W	7
	·274	26.22	"	6.5	E	7
6190	·222	11 5 5.18	42 47	7.0	W	7
	·280	5.08	"	7.2	W	7
6198	·233	11 5 38.61	25 27		W	7
	·274	38.73	"	7.0	E	7
6217	·274	11 7 49.18	34 52	7.0	E	7
	·280	49.05	"	7.2	W	7
6241	·233	11 9 50.57	42 18		W	7
	·274	50.64	"	6.7	E	7
	·280	50.56	"	6.9	W	7
6271	·233	11 12 6.55	37 51		W	7
	·274	6.59	"	6.7	E	7
	·280	6.57	"		W	7
* 6298	·233	11 14 20.41	14 14		W	7
	·274	20.35	"		E	7
	·280	20.35	"		W	7
* 6321	·233	11 16 26.64	53 57		W	7
	·274	26.59	"		E	7
	·280	26.73	"		W	7
6332	·233	11 18 15.45	50 14		W	7
	·274	15.26	"	6.5	E	7
	·280	15.31	"		W	7
* 6350	·233	11 20 38.39	35 31		W	7
	·280	38.47	"		W	7
6351	·274	11 20 38.77	42 54	7.0	E	7
6357	·274	11 21 35.54	43 1	6.6	E	6
6364	·233	11 22 40.42	25 19		W	7
	·280	40.39	"		W	7
6380	·274	11 24 6.63	42 56	6.5	E	7
	·280	6.59	"		W	7
6401	·274	11 26 5.47	41 22	6.8	E	7
	·280	5.55	"		W	7
* 6425	·274	11 28 4.91	31 18		E	7
	·280	4.86	"		W	7
6440	·274	11 30 4.11	29 29	6.5	E	7
	·280	3.90	"		W	7
6460	·274	11 31 44.86	36 41	6.3	E	7
	·280	44.70	"		W	7
6494	·274	11 33 59.12	24 10	6.5	E	7
	·280	58.89	"		W	7
	·321	59.06	"	6.7	W	7
6527	·274	11 36 24.53	42 32	6.3	E	7
	·280	24.46	"		W	7
	·321	24.60	"	6.4	W	7
6551	·274	11 38 57.53	29 12	6.7	E	7
	·280	57.33	"		W	7
	·321	57.49	"	6.9	W	7
6570	·274	11 41 20.75	34 12	7.0	E	7
	·280	20.74	"		W	7
	·321	20.78	"	7.0	W	7
6589	·274	11 43 3.52	34 40	6.7	E	7
	·280	3.49	"		W	7
* 6592	·321	11 43 42.02	26 12		W	7
6606	·274	11 45 34.00	26 43	6.6	E	7
	·280	33.84	"		W	7
	·321	34.00	"	6.8	W	7
6627	·274	11 48 13.22	36 1	6.7	E	7
	·280	13.23	"		W	7
	·321	13.26	"	7.0	W	7
6646	·274	11 50 25.36	24 18	6.6	E	6
	·280	25.28	"		W	7
	·321	25.47	"	6.9	W	7
* 6667	·274	11 53 11.86	55 46		E	7
	·280	11.82	"		W	7
	·321	11.69	"		W	7
	·332	11.79	"		E	7
	·334	11.99	"		W	7
6690	·274	11 55 42.06	49 1	7.2	E	7
	·280	41.93	"		W	7
	·321	42.11	"	7.0	W	7
6690	·332	11 55 42.13	49 1		E	7
	·334	42.01	"		W	7
	·337	42.08	"		E	7
6710	·274	11 57 56.22	49 6	6.7	E	7
	·280	56.20	"		W	7
	·321	56.21	"	6.8	W	7
	·332	56.18	"		E	7
	·334	56.25	"		W	7
	·337	56.45	"		E	7
6738	·274	12 0 11.44	48 27	6.8	E	7
	·280	11.37	"		W	7
	·321	11.46	"	6.9	W	7
	·332	11.55	"		E	7
	·334	11.37	"		W	7
	·337	11.57	"		E	7
6758	·274	12 2 13.18	42 41	6.8	E	7
	·280	12.98	"		W	7
	·332	13.19	"		E	7
	·334	13.04	"		W	7
	·337	13.13	"		E	7
6775	·274	12 4 34.03	51 14	6.5	E	7
	·280	33.96	"		W	7
	·332	34.12	"		E	7
	·334	33.91	"		W	7
	·337	33.93	"		E	7
6800	·274	12 7 18.13	32 51	6.9	E	7
	·280	18.02	"		W	7
	·321	18.09	"	6.8	W	7
	·332	18.16	"		E	7
	·334	17.98	"		W	7
	·337	18.01	"		E	7
6826	·274	12 10 19.51	41 21	6.5	E	7
	·280	19.35	"		W	7
	·321	19.38	"	6.5	W	7
	·332	19.50	"		E	7
	·334	19.39	"		W	7
	·337	19.43	"		E	7
6835	·274	12 12 17.42	48 22	6.5	E	7
	·280	17.34	"		W	7
	·321	17.36	"	6.5	W	7
	·332	17.41	"		E	7
	·334	17.35	"		W	7
	·337	17.33	"		E	7
6845	·274	12 14 18.73	32 2	7.0	E	7
	·280	18.53	"		W	6
	·321	18.67	"	7.0	W	7
	·332	18.58	"		E	7
	·334	18.55	"		W	7
	·337	18.77	"		E	7
6872	·274	12 16 53.63	34 57	6.8	E	7
	·280	53.42	"		W	7
	·321	53.47	"	6.9	W	7
	·332	53.53	"		E	7
	·334	53.49	"		W	7
	·337	53.42	"		E	7
6892	·321	12 19 0.79	46 49	6.4	W	7
	·332	0.72	"		E	7
	·334	0.67	"		W	7
	·337	0·81	"		E	7
* 6901	·274	12 19 50.51	41 58		E	7
* 6904	·280	12 20 5.37	34 38		W	7
6922	·280	12 22 37.74	49 41		W	7
	·321	37.82	"		W	7
	·332	37.76	"		E	7
	·334	37.79	"		W	7
	·337	37.79	"		E	7
* 6943	·280	12 24 41.41	15 57		W	7
	·321	41.35	"		W	7
	·332	41.30	"		E	7
	·334	41.33	"		W	7
	·337	41.28	"		E	7
6963	·321	12 26 36.99	40 30	6.8	W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
6963	.332	12 26 36.89	40 30		E	7
	.334	36.88	"		W	7
	.337	36.93	"		E	7
6979	.321	12 28 40.38	49 30	6.8	W	7
	.332	40.28	"		E	7
	.334	40.26	"		W	7
	.337	40.29	"		E	7
6989	.321	12 30 38.15	39 19	6.4	W	7
	.332	38.09	"		E	7
	.334	38.00	"		W	7
	.337	38.15	"		E	7
7005	.321	12 33 1.85	38 15	7.0	W	7
	.332	1.94	"		E	7
	.334	1.84	"		W	7
	.337	1.88	"		E	7
7013	.321	12 34 52.08	37 18	7.0	W	7
	.332	52.10	"		E	7
	.334	52.20	"		W	7
	.337	52.16	"		E	7
AGC17289	.321	12 36 37.17	37 23	7.2	W	7
	.332	37.17	"		E	7
	.334	37.20	"		W	6
	.337	37·22	"		E	7
* 7043	.321	12 38 40.50	27 47		W	7
	.332	40.62	"		E	7
	.334	40.54	"		W	7
	.337	40.57	"		E	7
7057	.321	12 41 8.03	46 44	7.2	W	7
	.332	7.96	"		E	7
	.334	7.98	"		W	7
	.337	8.07	"		E	7
7072	.321	12 43 6.28	27 3	6.3	W	7
	.332	6.26	"		E	7
	.334	6.26	"		W	7
	.337	6.30	"		E	7
7081	.321	12 44 41.79	47 55	6.4	W	7
	.332	41.88	"		E	6
	.334	41.78	"		W	7
	.337	41.87	"		E	7
* 7105	.332	12 47 53.71	39 38		E	7
	.334	53.69	"		W	7
	.337	53.75	"		E	7
7120	.321	12 50 7.39	29 32	6.8	W	7
	.332	7.39	"		E	5
	.334	7.46	"		W	7
	.337	7.53	"		E	7
7133	.321	12 51 55.81	28 20	7.0	W	7
	.332	55.81	"		E	7
	.334	55.80	"		W	7
	.337	55.93	"		E	7
7150	.321	12 54 18.26	45 34	7.0	W	7
	.332	18.18	"		E	7
	.337	18.21	"		E	7
	.362	18.35	"		W	7
7172	.321	12 56 12.37	39 5	6.5	W	7
	.332	12.41	"		E	7
	.334	12.37	"		W	7
	.337	12.51	"		E	7
7182	.321	12 57 55.96	29 8	6.9	W	7
	.332	56.09	"		E	7
	.334	56.08	"		W	7
	.337	56.12	"		E	7
	.362	56.13	"		W	7
7196	.321	12 59 44.95	27 59	7.1	W	7
	.332	44.92	"		E	7
	.334	45.02	"		W	7
	.337	45.09	"		E	7
	.362	45.02	"		W	7
* 7214	.321	13 1 41.58	52 55		W	7
	.332	41.47	"		E	7
	.334	41.47	"		W	7
	.337	41.44	"		E	7
* 7214	.362	13 1 41.59	52 55		W	7
7223	.321	13 3 37.44	47 59	6.7	W	7
	.332	37.51	"		E	7
	.334	37.40	"		W	7
	.337	37.35	"		E	7
	.362	37.39	"		W	7
7237	.321	13 5 53.50	52 17	6.5	W	7
	.332	53.46	"		E	7
	.337	53.54	"		E	7
	.362	53.53	"		W	7
7255	.321	13 8 5.25	44 39	6.8	W	7
	.332	5.25	"		E	7
	.334	5·16	"		W	7
	.337	5.28	"		E	7
	.362	5.30	"		W	7
7273	.321	13 10 11.08	51 53	6.6	W	7
	.332	11.05	"		E	7
	.334	11.19	"		W	7
	.337	11.05	"		E	7
	.362	11.23	"		W	7
7290	.321	13 12 34.15	50 46	6.3	W	7
	.332	34.15	"		E	7
	.334	34.11	"		W	7
	.337	34.12	"		E	7
	.362	34.19	"		W	7
* 7306	.321	13 14 58.33	36 11		W	7
	.332	58.41	"		E	7
	.334	58.43	"		W	7
	.337	58.47	"		E	7
7328	.321	13 17 3.89	48 2	6.5	W	7
	.332	4.00	"		E	7
	.334	3.92	"		W	7
	.337	3.97	"		E	7
	.362	3.93	"		W	7
* 7352	.321	13 19 55.41	10 38		W	7
	.332	55.35	"		E	7
	334	55.42	"		W	7
	.337	55.35	"		E	7
	.362	55.38	"		W	7
	.373	55.32	"		E	5
	.397	55.36	"		W	7
7379	.321	13 22 9.68	44 33	7.0	W	7
	.332	9.76	"		E	7
	.334	9.61	"		W	7
	.337	9.68	"		E	7
	.362	9.64	"		W	7
	.373	9.72	"		E	7
	.397	9.74	"		W	7
* 7405	.321	13 25 14.59	38 53		W	7
	.332	14.61	"		E	7
	.334	14.55	"		W	7
	.337	14.57	"		E	7
	.362	14.56	"		W	7
	.373	14.54	"		E	7
	.397	14.52	"		W	7
7423	.362	13 27 11.25	39 27		W	7
	.373	11.37	"	6.9	E	7
	.381	11.41	"		E	7
	.397	11.32	"	7.0	W	7
7431	.362	13 27 57.89	39 26		W	7
	.373	57.97	"	6.6	E	7
	.381	58.01	"		E	7
	.397	57.96	"	6.7	W	7
7443	.362	13 30 4.97	48 17		W	7
	.373	4.79	"		E	4
	.381	4.75	"		E	7
	.397	4.89	"	7.0	W	7
7471	.362	13 32 43 02	44 0		W	7
	.381	42.93	"		E	7
	.397	42.81	"	6.8	W	7
7486	.362	13 34 36.99	43 49		W	7
	.381	37.13	"		E	6

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
7486	·397	13 34 36.99	43 49	6.7	W	7
7494	·373	13 35 22.92	29 14		E	7
7510	·362	13 36 44.15	42 41	6.9	W	7
	·397	44.19	„	6.8	W	7
7518	·373	13 37 21.35	29 41	6.9	E	7
7529	·362	13 39 16.01	48 17	6.7	W	7
	·381	16.12	„		E	7
	·397	16.00	„	6.8	W	7
* 7536	·373	13 40 0.27	32 32		E	7
7545	·362	13 41 23.50	49 38	6.8	W	7
	·381	23.43	„		E	5
	·397	23.47	„	7.0	W	7
7552	·373	13 42 42.71	46 16	6.7	E	7
* 7563	·362	13 43 35.33	41 59		W	7
	·381	35.42	„		E	7
	·397	35.35	„		W	7
7589	·362	13 46 19.80	50 26	6.9	W	7
	·373	19.72	„	6.6	E	7
	·381	19.69	„	7.0	E	7
	·397	19.79	„	6.9	W	7
7622	·362	13 48 59.19	46 36	6.8	W	7
	·373	59.40	„	6.8	E	7
	·381	59.31	„	7.0	E	7
	·397	59.27	„	6.9	W	7
7649	·362	13 51 25.85	46 31	6.7	W	7
	·373	25.99	„	6.7	E	7
	·381	25.79	„	6.9	E	7
	·397	25.79	„	6.6	W	7
7672	·362	13 53 19.68	43 13	7.0	W	7
	·373	19.72	„	6.8	E	7
	·381	19.81	„	7.2	E	6
	·397	19.67	„	7.0	W	7
* 7691	·362	13 56 45.77	59 53		W	7
	·373	45.74	„		E	7
	·381	45.72	„		E	7
	·397	45.76	„		W	7
7706	·362	13 59 30.99	53 44	7.5	W	6
	·373	31.13	„	7.0	E	7
	·381	30.90	„	7.4	E	5
	·397	31.12	„	7.3	W	7
7730	·362	14 1 52.18	34 28	6.7	W	7
	·373	52.08	„	6.8	E	7
	·381	52.10	„	6.7	E	7
	·397	52.22	„	7.0	W	7
7741	·362	14 4 13.67	54 59	7.1	W	7
	·373	13.79	„	6.8	E	7
	·397	13.73	„	7.0	W	6
7754	·381	14 5 37.52	31 42	6.7	E	7
	·397	37.50	„	6.8	W	5
7767	·362	14 7 34.80	50 42	6.6	W	7
	·373	34.91	„		E	7
	·397	34.91	„	6.6	W	7
7792	·362	14 10 25.98	31 36	6.6	W	7
	·373	25.86	„	6.9	E	7
	·381	25.90	„	6.6	E	7
	·397	25.87	„	6.9	W	7
* 7809	·362	14 13 20.17	55 56		W	7
	·397	20.17	„		W	7
* 7841	·362	14 16 52.41	39 3		W	7
	·373	52.35	„		E	7
	·381	52.30	„		E	7
	·397	52.44	„		W	7
* 7861	·362	14 19 6.15	24 21		W	7
	·373	6.12	„		E	7
	·381	6.13	„		E	7
	·397	6.14	„		W	7
7880	·381	14 21 28.07	35 0	6.5	E	7
	·397	28.13	„	6.8	W	7
7883	·362	14 22 17.15	47 33	6.5	W	7
	·373	17.28	„	6.5	E	7
7889	·381	14 23 18.44	28 40	6.6	E	7
	·397	18.36	„	6.9	W	7
7912	·362	14 25 39.02	51 32		W	7
	·373	38.92	„	6.6	E	6
7915	·381	14 26 16.60	27 16	6.7	E	7
	·397	16.52	„	7.0	W	7
7933	·373	14 28 47.33	36 46	6.8	E	7
	·381	47.15	„	6.6	E	7
	·397	47.28	„	6.9	W	7
7950	·373	14 30 57.81	54 5		E	3
	·397	57.87	„		W	7
7951	·373	14 31 4.18	54 5		E	2
	·397	4.23	„		W	7
7969	·381	14 33 20.42	39 8	6.6	E	7
	·397	20.58	„	6.9	W	7
* 7986	·373	14 35 16.62	46 58		E	7
	·381	16.63	„		E	7
	·397	16.67	„		W	7
8002	·381	14 36 34.79	47 9	7.0	E	7
	·397	34.70	„		W	7
8023	·381	14 39 10.26	35 43	6.7	E	7
	·397	10.33	„	7.0	W	7
8042	·381	14 41 26.67	39 30	6.7	E	7
	·397	26.83	„	6.8	W	7
8070	·381	14 44 1.57	28 37	6.6	E	7
	·397	1.68	„	7.0	W	7
* 8084	·381	14 45 20.67	15 37		E	7
	·397	20.73	„		W	7
8098	·381	14 47 24.43	39 20	6.8	E	7
	·397	24.64	„	6.8	W	7
* 8121	·381	14 49 36.29	33 27		E	7
	·397	36.25	„		W	7
* 8143	·381	14 51 58.75	42 44		E	7
	·397	58.61	„		W	7
* 8602	·474	15 44 36.18	33 19		W	7
8624	·474	15 47 27.91	50 2		W	7
8650	·474	15 49 37.87	26 27		W	7
* 8676	·474	15 52 47.98	25 50		W	7
8698	·474	15 55 0.86	31 36		W	6
8728	·474	15 58 2.08	39 10		W	7
	·504	2.14	„	6.8	E	7
8751	·474	16 0 34.01	46 15	6.9	W	7
	·504	33.97	„	7.0	E	7
8778	·474	16 3 9.67	30 47	6.7	W	7
	·504	9.56	„	7.0	E	7
* 8798	·474	16 5 35.24	54 22		W	6
	·504	35.36	„		E	7
8831	·474	16 9 10.54	53 27	6.8	W	7
	·504	10.62	„	6.5	E	7
	·509	10.54	„	6.5	E	7
8853	·474	16 11 43.76	34 40		W	6
	·504	43.67	„	6.8	E	7
	·509	43.61	„	6.9	E	7
8877	·504	16 14 24.45	52 29	7.0	E	7
	·509	24.46	„	7.0	E	7
* 8904	·504	16 17 14.78	38 58		E	7
	·509	14.87	„		E	7
8932	·504	16 19 31.19	29 42		E	7
	·509	31.14	„	7.0	E	7
	·520	31.21	„		W	7
* 8947	·474	16 22 27.40	46 1		W	7
	·504	27.45	„		E	7
	·509	27.43	„		E	7
	·515	27.40	„		W	7
	·520	27.47	„		W	7
8960	·474	16 24 44.69	41 36		W	7
	·504	44.64	„	6.3	E	7
	·509	44.65	„	6.2	E	7
	·515	44.73	„		W	7
	·520	44.68	„		W	7
8985	·474	16 27 28.33	47 47		W	7
	·504	28.21	„	7.0	E	7
	·509	28.28	„	7.0	E	7
9002	·474	16 30 4.20	35 43		W	5

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
9002	·504	16 30 4.10	35 43	6.9	E	7
	·509	4.10	„	6.8	E	7
	·520	4.01	„		W	3
9027	·474	16 33 6.92	39 35		W	5
	·509	6.98	„	7.0	E	7
	·515	6.94	„		W	7
9051	·474	16 35 17.02	32 57		W	7
	·509	17.06	„	6.4	E	7
	·515	17.05	„		W	7
	·520	17.05	„		W	7
9073	·474	16 37 40.87	26 37		W	7
	·504	40.91	„	6.8	E	7
	·509	40.73	„	6.8	E	7
	·515	40.91	„		W	7
	·520	40.86	„		W	3
9097	·504	16 40 14.91	-45 17	6.8	E	7
	·509	14.97	„	6.9	E	7
	·515	14.86	„		W	7
9120	·474	16 43 8.01	31 29		W	4
	·504	8.05	„	6.6	E	7
	·509	8.15	„	6.8	E	7
	·515	8.13	„		W	7
9146	·474	16 45 50.90	37 26		W	4
	·504	50.91	„	6.8	E	7
	·509	50.90	„	6.8	E	7
	·515	50.96	„		W	7
9164	·540	16 47 7.22	40 55		W	7
9173	·474	16 47 59.90	40 59		W	5
	·504	59.74	„	6.4	E	7
	·509	59.75	„	6.5	E	7
	·515	59.71	„		W	7
	·540	59.91	„		W	6
* 9209	·474	16 50 20.54	55 50		W	7
	·504	20.42	„		E	7
	·509	20.55	„		E	7
	·540	20.58	„		W	7
9233	·474	16 52 58.84	44 50		W	7
	·504	58.88	„	6.5	E	7
	·509	58.81	„	6.8	E	7
	·515	58.61	„		W	7
	·540	58.85	„	6.8	W	7
* 9253	·474	16 55 24.52	32 0		W	7
	·504	24.51	„		E	7
	·509	24.55	„		E	7
	·515	24.54	„		W	7
	·540	24.53	„		W	7
9283	·474	16 58 9.58	28 26		W	7
	·504	9.54	„	6.9	E	7
	·509	9.56	„	6.7	E	7
	·515	9.48	„		W	7
	·540	9.64	„	6.5	W	7
9297	·474	16 59 54.10	46 45		W	7
	·504	54.06	„	6.9	E	7
	·509	54.03	„	6.8	E	5
	·515	53.98	„		W	7
	·540	54.05	„	6.9	W	7
9319	·509	17 2 26.42	46 54	6.8	E	7
	·540	26.44	„	6.9	W	7
9326	·474	17 2 55.45	46 37		W	6
	·504	55.54	„	6.9	E	7
* 9345	·474	17 4 59.37	43 6		W	7
	·509	59.16	„		E	7
9348	·504	17 5 24.33	38 42		E	7
	·515	24.42	„		W	7
	·540	24.36	„	6.7	W	7
9365	·504	17 7 45.92	27 41		E	7
	·509	45.86	„	6.8	E	7
	·515	45.95	„		W	7
	·540	45.99	„	6.8	W	7
9389	·504	17 10 10.13	39 19	7.0	E	7
	·509	10.12	„	7.0	E	7
	·540	10.14	„	7.0	W	7
* 9398	·474	17 10 33.31	32 33		W	2
	·515	33.29	„		W	7
9426	·504	17 12 49.48	31 15	6.9	E	7
	·509	49.41	„	7.0	E	7
	·515	49.51	„		W	7
	·540	49.49	„	7.0	W	7
9442	·504	17 15 11.04	41 1	6.5	E	7
	·509	11.01	„		E	7
	·515	11.06	„		W	7
	·540	11.12	„	6.7	W	7
9467	·504	17 17 29.98	34 42	6.8	E	7
	·509	29.96	„	6.9	E	7
	·515	30.05	„		W	6
	·540	29.96	„	6.7	W	7
9489	·504	17 19 34.15	47 3	6.8	E	7
	·509	34.08	„	6.8	E	7
	·515	34.18	„		W	7
	·540	34.11	„	7.0	W	7
9515	·504	17 21 56.28	46 37	7.0	E	7
	·509	56.29	„	7.0	E	7
	·515	56.12	„		W	7
	·540	56.13	„	7.2	W	7
* 9530	·504	17 24 6.62	49 48		E	7
	·509	6.69	„		E	7
	·515	6.59	„		W	7
	·540	6.60	„		W	7
9560	·504	17 26 50.80	44 56	6.7	E	7
	·509	50.75	„	6.7	E	7
	·515	50.77	„		W	7
	·540	50.74	„	6.7	W	7
9573	·504	17 28 54.30	37 22	6.5	E	7
	·509	54.30	„	6.7	E	7
	·515	54.32	„		W	7
	·540	54.27	„	6.8	W	7
	·570	54.29	„		E	7
9599	·504	17 31 25.38	28 23	7.0	E	7
	·509	25.40	„	7.0	E	7
	·515	25.38	„		W	7
	·540	25.36	„	7.2	W	7
	·570	25.23	„		E	7
9605	·504	17 32 42.03	28 21	7.2	E	7
	·509	41.95	„	7.0	E	7
	·515	42.01	„		W	7
	·540	41.92	„	6.6	W	7
	·570	41.95	„		E	7
* 9632	·504	17 35 34.05	38 59		E	7
	·509	34.09	„		E	7
	·515	34.14	„		W	7
	·540	34.05	„		W	7
	·570	34.01	„		E	5
9658	·504	17 37 54.14	45 35	7.0	E	7
	·509	54.29	„	7.0	E	7
	·540	54.04	„	7.0	W	7
	·570	54.09	„		E	7
* 9679	·504	17 41 15.96	27 48		E	7
	·509	15.95	„		E	7
	·515	15.89	„		W	7
	·540	15.88	„		W	7
	·570	15.98	„		E	7
	·677	15.88	„		W	7
9712	·540	17 43 50.42	24 11	7.0	W	7
	·570	50.49	„		E	6
	·677	50.33	„		W	7
9731	·540	17 45 48.48	31 18	6.8	W	7
	·570	48.56	„		E	7
	·677	48.47	„	6.8	W	7
9752	·540	17 48 21.82	36 27	6.7	W	7
	·570	21.80	„		E	7
	·677	21.80	„	6.7	W	7
9772	·540	17 50 44.84	39 5	6.6	W	7
	·570	44.94	„		E	5
	·677	44.99	„		W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
9794	·540	17 52 43.70	36 1	6.8	W	7
	·570	43.69	„		E	7
	·677	43.76	„	6.9	W	7
9807	·540	17 55 6.80	51 39	6.6	W	7
	·570	6.94	„		E	7
	·677	7.09	„	6.7	W	7
9830	·540	17 58 12.17	51 45	6.5	W	7
	·570	12.12	„		E	7
	·677	12.32	„	6.6	W	7
9859	·540	18 0 17.40	36 37	7.5	W	7
	·677	17.41	„	7.4	W	7
9875	·540	18 2 29.85	30 0	6.6	W	7
	·677	29.88	„	6.6	W	7
9899	·540	18 5 6.36	50 35	6.5	W	7
	·570	6.48	„		E	7
	·677	6.45	„	6.5	W	7
* 9932	·540	18 7 46.96	21 5		W	7
	·677	46.93	„		W	7
* 9936	·570	18 8 42.03	56 3		E	7
9957	·540	18 10 30.33	52 47	6.9	W	7
	·570	30.28	„		E	7
	·677	30.41	„	7.0	W	7
9980	·540	18 12 45.92	45 58	6.8	W	7
	·677	46.04	„	6.7	W	7
	·706	46.04	„		E	7
9996	·570	18 14 59.67	26 8		E	6
	·600	59.71	„		W	6
	·677	59.56	„	6.8	W	7
	·706	59.67	„	6.8	E	7
*10015	·540	18 17 32.09	34 26		W	7
	·570	32.09	„		E	7
	·600	32.03	„		W	5
	·677	32.03	„		W	7
	·706	32.06	„		E	7
10030	·540	18 19 24.94	31 49		W	7
	·600	24.91	„		W	7
	·677	24.88	„		W	7
	·706	24.90	„	7.0	E	7
*10049	·570	18 21 47.99	25 29		E	7
	·600	47.88	„		W	7
	·677	47.87	„		W	7
	·706	47.94	„		E	7
10074	·677	18 24 15.91	51 12	6.9	W	7
10090	·540	18 26 1.86	39 58	6.5	W	6
	·570	1.75	„		E	5
	·600	1.75	„		W	7
	·605	1.72	„	6.7	W	7
	·677	1.80	„	6.6	W	7
	·706	1.81	„	6.7	E	7
	·728	1.91	„	6.5	E	5
10109	·570	18 28 18.81	39 46		E	7
	·600	18.75	„		W	7
	·605	18.74	„	6.9	W	7
	·677	18.76	„	7.0	W	7
	·706	18.69	„	6.9	E	7
	·728	18.70	„	7.0	E	7
10128	·600	18 30 43.90	28 35		W	7
	·605	43.81	„	6.6	W	7
	·677	43.89	„	6.8	W	7
	·706	43.91	„	6.7	E	7
	·728	43.89	„	6.7	E	7
10150	·570	18 33 14.65	47 7		E	7
	·605	14.53	„	6.5	W	7
	·677	14.69	„	6.6	W	7
	·706	14.63	„		E	7
	·728	14.67	„	6.7	E	7
10167	·605	18 34 52.48	44 1	6.7	W	7
	·677	52.42	„	6.7	W	6
	·706	52.49	„	7.0	E	7
*10180	·570	18 36 55.32	38 25		E	7
	·600	55.33	„		W	3
	·605	55.37	„		W	7
*10180	·677	18 36 55.24	38 25		W	7
	·706	55.27	„		E	7
	·728	55.30	„		E	7
10202	·605	18 39 12.53	42 1	6.6	W	7
	·677	12.65	„	6.9	W	7
	·706	12.57	„		E	7
	·728	12.67	„	6.7	E	7
10223	·570	18 42 1.23	52 14		E	7
	·605	1.11	„	6.8	W	7
	·677	1.15	„	6.5	W	6
	·728	1.25	„	7.0	E	7
*A366	·570	18 44 49.72	22 17		E	7
	·605	49.83	„		W	7
	·677	49.79	„		W	7
	·728	49.83	„		E	7
10272	·570	18 47 8.58	45 37		E	4
	·605	8.71	„	6.5	W	7
	·677	8.76	„	6.4	W	7
	·706	8.68	„	6.5	E	7
	·728	8.79	„	6.6	E	7
*10296	·570	18 50 27.75	53 4		E	7
	·605	27.80	„		W	7
	·677	27.85	„		W	7
	·706	27.78	„		E	6
	·728	27.77	„		E	7
10317	·570	18 52 33.52	46 59		E	4
	·605	33.45	„	6.9	W	7
	·677	33.46	„	7.1	W	7
	·706	33.37	„		E	6
	·728	33.30	„	7.0	E	7
	·750	33.63	„		E	6
10334	·605	18 55 4.50	42 3	6.4	W	7
	·677	4.49	„	6.4	W	7
	·706	4.45	„	6.6	E	7
	·728	4.48	„	6.6	E	7
	·731	4.42	„	6.6	W	7
	·745	4.39	„	6.6	W	7
	·747	4.52	„		E	7
	·750	4.47	„		E	7
10351	·745	18 56 28.18	38 24	6.4	W	7
	·750	28.21	„		E	6
10359	·605	18 58 11.52	38 7	6.9	W	6
	·677	11.56	„	7.0	W	7
	·706	11.51	„	7.0	E	7
	·728	11.49	„	7.1	E	7
	·731	11.57	„	7.0	W	7
10370	·745	18 59 37.34	46 7	7.0	W	7
	·747	37.32	„		E	7
	·750	37.32	„	6.7	E	7
10376	·605	18 59 54.13	47 41	6.8	W	7
	·677	54.17	„	6.8	W	7
	·706	54.14	„	6.8	E	7
	·728	54.10	„	7.0	E	7
	·731	54.07	„	7.0	W	7
10392	·745	19 1 45.17	25 51	7.0	W	5
	·747	45.06	„		E	6
	·750	44.97	„		E	7
	·758	45.12	„	6.9	W	7
10405	·605	19 2 55.12	36 20	6.6	W	7
	·677	55.14	„	6.8	W	7
	·706	55.10	„	6.7	E	7
	·731	55.19	„	6.6	W	7
10410	·745	19 3 56.76	39 4	7.0	W	7
	·750	56.68	„	7.0	E	7
10412	·747	19 4 10.55	39 10		E	7
	·758	10.64	„	6.6	W	7
10418	·605	19 4 58.69	29 40		W	7
	·677	58.76	„	6.5	W	7
	·706	58.74	„		E	7
	·731	58.71	„	6.5	W	7
10421	·745	19 5 48.83	37 41	6.9	W	7
	·747	48.91	„		E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0. h. m. s.	Decl. S. 1900·0. ° ′	Mag.	Posn.	Wires.
10421	·750	19 5 48.76	37 41	6.8	E	7
	·758	48.88	„	6.8	W	7
*10432	·605	19 7 23.15	45 22		W	7
	·677	23.01	„		W	7
	·706	23.10	„		E	7
	·731	23.17	„		W	7
	·745	23.12	„		W	7
	·747	23.10	„		E	5
	·750	23.10	„		E	7
10431	·758	19 7 28.18	49 8	6.5	W	6
10444	·605	19 9 14.82	33 42	6.9	W	7
	·677	14.75	„	7.1	W	7
	·706	14.80	„		E	7
	·731	14.78	„	7.0	W	7
	·745	14.82	„	7.0	W	7
	·747	14.80	„		E	7
	·750	14.78	„	7.3	E	7
10451	·758	19 10 6.61	45 36	7.0	W	7
10457	·605	19 11 51.16	33 20		W	7
	·706	51.16	„		E	7
	·731	51.13	„	7.0	W	7
	·745	51.17	„	7.2	W	7
	·747	51.11	„		E	7
	·750	51.11	„	7.2	E	7
	·758	51.23	„	7.0	W	7
10467	·750	19 13 44.77	45 34	6.6	E	7
	·758	44.71	„	6.5	W	7
10471	·605	19 14 0.34	32 0	6.5	W	7
	·706	0.25	„	6.5	E	7
	·731	0.31	„	6.4	W	7
	·747	0.28	„		E	7
10487	·731	19 15 19.16	29 47	6.8	W	6
	·750	19.16	„	6.9	E	7
	·758	19.19	„	6.8	W	7
10490	·706	19 15 43.91	29 43	6.8	E	7
	·745	43.97	„	7.0	W	7
	·747	43.91	„		E	7
10499	·745	19 17 13.46	43 55	6.4	W	7
	·750	13.51	„	6.2	E	5
	·758	13.43	„	6.3	W	7
10506	·706	19 17 46.65	44 23	6.5	E	7
10511	·745	19 18 46.16	29 30	6.5	W	7
10513	·758	19 19 21.58	46 47	6.5	W	7
*10515	·706	19 19 46.20	54 31		E	7
	·750	46.21	„	6.0	E	7
AGC 26526	·745	19 20 49.37	29 31	7.5	W	7
10523	·731	19 20 50.03	40 18	6.8	W	7
10525	·758	19 21 14.94	44 5	7.2	W	7
10530	·706	19 22 8.57	36 12	7.0	E	7
	·747	8.74	„		E	7
10534	·745	19 23 2.74	35 17	7.2	W	7
	·750	2.62	„	7.2	E	7
	·758	2.59	„	7.0	W	7
10542	·706	19 24 46.35	42 38	7.0	E	7
	·731	46.44	„	7.0	W	7
	·745	46.45	„	7.0	W	7
	·750	46.50	„	6.8	E	7
	·758	46.51	„	7.0	W	7
10553	·731	19 26 6.75	31 5	6.6	W	7
	·745	6.68	„	6.7	W	6
	·750	6.59	„	6.5	E	6
10560	·706	19 27 10.48	34 25	6.8	E	7
10564	·745	19 28 5.95	53 13	6.3	W	7
	·750	5.95	„	6.5	E	7
	·758	5.90	„	6.5	W	7
10573	·706	19 29 17.32	37 2	7.2	E	7
	·731	17.18	„	7.0	W	7
10581	·745	19 30 9.53	32 55	6.8	W	7
	·758	9.46	„	6.6	W	7
*10584	·750	19 30 37.33	25 6		E	7
10589	·706	19 31 33.19	33 8	6.9	E	7
	·745	33.21	„	6.9	W	7
10589	·758	19 31 33.22	33 8	6.8	W	7
10598	·706	19 33 6.95	39 40	6.8	E	7
	·745	6.88	„	6.7	W	7
	·750	7.07	„	6.7	E	7
	·758	6.99	„	6.5	W	7
*10613	·706	19 34 59.57	16 31		E	7
	·758	59.62	„		W	7
10615	·745	19 35 34.85	36 52	6.7	W	7
	·750	34.82	„	6.8	E	7
10622	·758	19 36 56.68	37 46	6.2	W	7
	·783	56.76	„		E	7
10624	·706	19 37 32.32	41 51	6.8	E	7
	·745	32.36	„	6.7	W	7
	·750	32.31	„	6.4	E	7
*10636	·706	19 39 38.47	32 9		E	7
	·745	38.44	„		W	7
	·750	38.39	„		E	7
	·758	38.40	„		W	6
	·783	38.41	„		E	7
10639	·706	19 40 12.70	32 11		E	7
	·750	12.70	„		E	7
	·758	12.71	„		W	6
AGC 27093	·745	19 41 34.13	38 6	7.6	W	6
	·750	34.12	„	7.6	E	7
	·783	34.15	„		E	6
10658	·706	19 43 53.36	38 2		E	7
	·745	53.35	„	6.8	W	7
	·750	53.39	„	6.9	E	7
	·758	53.26	„	7.0	W	7
10662	·663	19 43 39.90	46 37		W	7
	·783	39.86	„		E	7
10670	·750	19 44 31.50	42 21	7.0	E	7
	·758	31.44	„	7.0	W	7
10680	·663	19 45 31.74	27 20		W	6
	·745	31.72	„	7.1	W	7
	·783	31.72	„		E	7
10684	·750	19 46 22.42	32 14	7.0	E	7
	·758	22.31	„	6.8	W	7
*10696	·663	19 48 21.78	42 8		W	7
	·745	21.72	„		W	7
	·750	21.79	„		E	7
	·758	21.72	„		W	7
	·783	21.77	„		E	7
10709	·745	19 50 29.20	52 10	7.0	W	7
	·750	29.16	„	6.8	E	7
	·758	29.06	„	7.5	W	4
	·783	29.24	„		E	4
10710	·750	19 50 36.93	52 10	7.5	E	7
	·758	36.90	„	6.9	W	7
	·783	36.99	„		E	7
10716	·663	19 51 0.78	38 19		W	7
10722	·797	19 51 48.23	46 22	6.9	W	7
10726	·758	19 52 39·37	50 29	6.5	W	6
	·783	39.55	„	6.4	E	7
10733	·745	19 53 15.08	49 53	6.8	W	7
	·750	15.16	„	6.6	E	7
10742	·797	19 53 50.33	44 15	7.0	W	7
10749	·758	19 54 38.00	41 5	6.9	W	3
	·783	38.24	„	6.5	E	7
10755	·663	19 55 31.38	45 29		W	7
	·745	31.43	„	6.4	W	7
	·750	31.37	„	6.4	E	7
	·797	31.41	„	6.5	W	7
	·805	31.44	„		E	7
*10762	·758	19 56 30.56	27 59		W	7
	·783	30.59	„		E	7
*A 392	·745	19 57 48.75	22 53		W	7
	·750	48.78	„		E	7
	·797	48.78	„		W	7
10772	·663	19 58 0.17	46 23		W	4
	·674	0.22	„		E	7
	·783	0.27	„	6.5	E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
*10785	·745	19 59 43.49	53 10		W	7
	·750	43.54	"		E	7
	·758	43.49	"		W	7
	·797	43.51	"		W	7
	·805	43.41	"		E	7
10794	·663	20 1 10.24	40 8		W	6
	·674	10.30	"		E	7
	·783	10.30	"		E	7
10799	·674	20 2 28.93	44 12	7.0	E	4
	·797	29.17	"	6.9	W	6
	·805	28.99	"	7.2	E	6
10803	·674	20 3 8.26	44 11	6.5	E	7
	·745	8.11	"		W	7
	·750	8.22	"	6.6	E	7
	·758	8.27	"		W	7
	·797	8.34	"	6.6	W	6
	·805	8.14	"	6.8	E	6
10807	·663	20 3 53.81	43 54		W	7
	·783	53.87	"		E	6
10810	·750	20 4 19.55	43 57	6.4	E	7
	·783	19.63	"		E	5
	·797	19.53	"	6.5	W	6
10823	·674	20 6 20.39	48 1	6.5	E	7
	·745	20.30	"	6.4	W	7
	·797	20.33	"	6.5	W	7
10830	·750	20 6 56.40	38 45	6.9	E	7
	·783	56.47	"		E	7
	·805	56.40	"	6.9	E	7
10833	·745	20 8 4.32	43 59	7.0	W	7
	·758	4.28	"		W	7
	·805	4.35	"	7.7	E	5
10836	·663	20 9 27.94	41 47		W	7
	·674	27.99	"	6.8	E	7
	·750	27.88	"	6.8	E	7
	·783	27.99	"		E	7
	·797	27.86	"	6.8	W	7
	·810	27.96	"	6.9	W	7
10841	·745	20 9 59.73	35 31	6.6	W	7
	·758	59.71	"		W	7
	·805	59.74	"	6.8	E	7
10855	·663	20 11 45.84	48 1		W	7
	·674	45.66	"	7.4	E	7
	·750	45.68	"	6.2	E	7
	·783	45.74	"	6.4	E	7
	·810	45.75	"	6.7	W	6
10859	·745	20 12 6.37	47 53	6.4	W	7
	·805	6.34	"	6.4	E	7
10861	·758	20 12 6.37	12 49		W	6
	·797	6.36	"		W	6
*10864	·758	20 12 30.47	12 51		W	4
	·797	30.43	"		W	7
10873	·663	20 13 39.73	32 56	6.8	W	7
	·674	39.69	"	7.1	E	7
	·745	39.73	"	6.9	W	7
	·750	39.68	"	6.9	E	7
10881	·758	20 14 24.60	35 59	6.4	W	7
	·783	24.61	"	6.5	E	7
	·805	24.54	"	6.7	E	7
10887	·797	20 15 22.30	49 11	7.0	W	6
*10888	·674	20 15 23.54	15 6		E	7
	·745	23.57	"		W	7
	·750	23.57	"		E	7
10890	·810	20 16 27.06	54 52	7.0	W	7
10891	·758	20 16 34.28	35 42		W	7
	·783	34.35	"		E	7
	·805	34.38	"	6.9	E	7
*10899	·663	20 17 44.32	57 3		W	3
	·674	44.24	"		E	7
	·745	44.23	"		W	7
	·750	44.36	"		E	7
10901	·758	20 18 13.75	41 4		W	7
	·783	13.76	"		E	7
10901	·797	20 18 13.77	41 4	7.2	W	7
10906	·830	20 19 7.04	41 7		E	7
10909	·805	20 19 19.51	28 59		E	7
	·810	19.50	"		W	6
10912	·674	20 19 54.13	42 23	7.2	E	7
	·750	54.28	"	7.5	E	7
	·797	54.20	"	7.2	W	7
10916	·758	20 20 24.68	29 24		W	7
	·783	24.70	"		E	7
10927	·674	20 22 10.82	34 45	6.9	E	7
	·750	10.92	"	6.5	E	7
	·758	10.81	"	6.4	W	7
	·783	10.79	"	6.5	E	7
	·797	10.83	"	6.7	W	7
	·805	10.88	"	6.9	E	7
*10934	·810	20 23 9.40	18 9		W	7
	·830	9.41	"		E	7
10939	·674	20 24 49.38	29 27	6.7	E	7
	·758	49.34	"	6.5	W	7
	·783	49.34	"	6.5	E	7
	·797	49.30	"	6.8	W	7
	·805	49.38	"	6.6	E	7
10949	·783	20 26 30.33	31 43	7.3	E	7
	·810	30.30	"	7.3	W	7
10950	·797	20 26 41.66	41 51	6.9	W	7
10955	·674	20 27 7.99	40 54	7.0	E	7
	·758	7.97	"		W	7
	·805	8.08	"	7.0	E	7
10972	·687	20 28 57.12	44 41		W	7
	·696	57.14	"		W	7
	·758	56.99	"	6.5	W	7
	·783	57.07	"	6.5	E	7
	·797	57.03	"	6.6	W	7
	·810	57.05	"	6.3	W	7
10974	·674	20 29 35.12	45 54	7.0	E	7
	·805	35.06	"		E	7
*10981	·797	20 30 32.13	47 38		W	6
10986	·687	20 31 4.13	41 34		W	6
	·696	4.00	"	6.7	W	7
	·783	4.02	"	6.5	E	7
	·810	4.07	"	6.5	W	7
	·830	4.05	"		E	7
10995	·674	20 32 9.84	24 35	6.7	E	7
	·797	9.84	"	7.0	W	7
11001	·783	20 33 23.89	47 11	7.0	E	7
*11008	·687	20 34 3.54	33 47		W	7
	·696	3.46	"		W	7
11012	·674	20 34 26.92	24 28	6.9	E	7
	·797	26.93	"	7.1	W	7
	·830	26.98	"		E	7
11016	·810	20 34 48.34	28 54	6.6	W	7
11024	·783	20 35 42.08	29 7	7.0	E	7
*11027	·674	20 36 41.93	52 17		E	7
	·687	41.83	"		W	7
	·797	41.78	"		W	7
11032	·696	20 37 10.77	29 46		W	7
	·805	10.85	"		E	7
11035	·783	20 37 45.52	50 51		E	7
	·810	45.76	"	6.7	W	7
AGC 28394	·783	20 37 56.45	50 52		E	6
	·830	56.46	"		E	7
11041	·674	20 38 32.57	28 34	6.9	E	7
	·696	32.47	"	6.9	W	7
11047	·687	20 39 16.34	30 50		W	7
	·797	16.35	"	6.8	W	7
	·810	16.30	"		W	6
11051	·783	20 40 11.19	50 55	7.0	E	7
	·805	11.14	"	7.0	E	7
11058	·674	20 40 41.03	22 32	7.0	E	7
	·696	41.07	"	7.1	W	7
11060	·687	20 41 31.81	44 34		W	7
	·797	31.77	"	6.5	W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
*11062	·830	20 41 42 47	44 21		E	7
11066	·783	20 42 15.78	9 52		E	7
	·810	15.72	"		W	7
11071	·674	20 43 11.03	30 34	6.9	E	7
	·696	10.89	"	6.9	W	7
	·797	10.92	"	7.1	W	7
	·805	11.00	"	6.9	E	7
11079	·687	20 44 37.08	32 26		W	7
	·783	37.08	"	6.5	E	7
	·830	37.07	"		E	7
11082	·674	20 45 20.24	53 39	6.9	E	7
	·797	20.20	"		W	7
	·810	20.25	"	7.0	W	6
11087	·696	20 45 35.69	30 9	7.0	W	7
	·805	35.71	"		E	7
11098	·687	20 46 53.08	36 53	6.8	W	7
*11101	·783	20 47 9.82	40 11		E	7
	·830	9.83	"		E	7
*11107	·696	20 47 15.61	9 21		W	7
	·805	15.47	"		E	7
11115	·674	20 48 6.85	28 18	6.6	E	7
	·797	6.86	"	6.8	W	6
11121	·674	20 48 36.16	28 19	7.0	E	4
	·797	36.17	"		W	7
	·810	36.12	"	6.9	W	7
11123	·687	20 49 1.50	44 57	6.8	W	7
	·783	1.43	"	7.0	E	7
	·805	1.54	"	6.6	E	7
11134	·674	20 51 3.02	44 29	6.6	E	7
	·797	2.95	"	6.5	W	7
11138	·687	20 51 50.89	41 23		W	7
	·693	51.01	"	7.0	W	7
	·783	51.00	"	7.4	E	7
	·810	50.97	"	7.0	W	7
11142	·674	20 53 20.40	43 24	7.0	E	7
	·712	20.46	"	7.0	E	7
	·797	20.39	"	7.0	W	7
	·805	20.38	"	6.8	E	7
11146	·693	20 54 24.31	35 41	6.7	W	7
	·783	24.36	"	6.7	E	7
	·810	24.46	"	6.8	W	7
	·830	24.42	"		E	7
*11155	·674	20 55 9.54	32 39		E	7
	·687	9.46	"		W	7
11158	·712	20 55 35.47	43 23	6.5	E	7
	·797	35.53	"	6.7	W	7
	·805	35.57	"	6.5	E	7
11160	·712	22 55 40.49	43 23		E	7
	·797	40.53	"	6.8	W	7
	·805	40.58	"	6.7	E	7
*11171	·693	20 56 34.57	39 1		W	6
	·783	34.59	"		E	7
11173	·810	20 56 55.94	29 30	6.8	W	7
AGC 28841	·797	20 57 31.88	43 22	8.0	W	7
	·805	32.01	"	8.0	E	7
11184	·674	20 57 46.52	43 29	7.0	E	7
	·687	46.60	"	6.7	W	7
	·712	46.48	"	6.9	E	7
11188	·783	20 58 55.43	43 55	7.0	E	7
11197	·674	21 0 2.03	37 59	7.1	E	7
	·696	1.99	"	7.0	W	7
	·712	1.98	"	7.2	E	7
	·797	1.98	"	7.0	W	7
	·810	1.96	"	7.0	W	7
*11204	·693	21 0 19.56	17 38		W	7
	·830	19.57	"		E	7
*11214	·783	21 1 16.78	25 24		E	7
11223	·674	21 2 23.12	37 39	6.8	E	7
	·687	22.99	"		W	7
	·693	22.96	"		W	7
	·696	23.05	"	6.8	W	7
	·712	23.08	"	6.8	E	7
11223	·797	21 2 23.06	37 39	7.0	W	7
	·805	23.14	"	6.5	E	7
11227	·783	21 3 6.56	44 37	6.5	E	7
	·810	6.50	"	6.5	W	7
11232	·797	21 3 35.28	43 48	6.4	W	6
11237	·696	21 4 13.73	33 16	6.9	W	7
	·712	13.76	"	7.0	E	7
AGC 29023	·674	21 4 13.60	22 56	7.5	E	6
11240	·674	21 4 44.82	22 53	6.8	E	6
	·687	44.90	"		W	7
	·693	44.76	"		W	7
	·783	44·83	"	7.2	E	7
11247	·712	21 6 33.46	36 10	7.2	E	7
	·723	33.52	"		E	6
	·797	33.52	"	6.9	W	7
	·830	33.55	"		E	7
11248	·674	21 6 42.59	47 58	6.6	E	7
	·696	42.58	"	6.5	W	7
	·783	42.53	"	6.5	E	7
	·810	42.53	"	6.5	W	7
*11265	·674	21 8 37.35	53 41		E	7
	·693	37.35	"		W	7
	·696	37.50	"		W	7
	·712	37.37	"		E	7
	·723	37.29	"		E	7
	·783	37.39	"		E	7
	·797	37.43	"		W	7
11268	·726	21 8 54.01	26 19	7.3	W	7
	·830	53.97	"		E	6
11281	·674	21 10 56.73	39 28	7.3	E	7
	·693	56.78	"		W	7
	·696	56.73	"	7.2	W	7
	·712	56.81	"	7.0	E	7
	·726	56.79	"	6.9	W	7
	·797	56.87	"	7.0	W	7
11285	·687	21 11 24.08	39 15		W	7
	·723	24.21	"	6.6	E	7
11303	·674	21 13 4.97	41 28	7·2	E	7
	·693	5.05	"		W	7
	·696	4.94	"	7.3	W	7
	·712	4.97	"	7.2	E	7
11305	·723	21 13 34.12	45 27	6.3	E	7
	·726	34.04	"	6.2	W	7
	·797	34.15	"	6.3	W	7
*11313	·687	21 14 21.93	41 14		W	7
	·696	21.82	"		W	7
11317	·674	21 15 5.73	52 18	6.7	E	7
	·712	5.76	"	6.6	E	7
11319	·723	21 15 14.66	51 33		E	7
	·726	14.82	"	6.8	W	7
	·797	14.77	"	6.6	W	7
*11330	·696	21 16 40.72	17 16		W	7
	·712	40.71	"		E	7
11332	·674	21 17 19.65	38 9	7.0	E	7
	·693	19.55	"	7.0	W	7
	·723	19.67	"		E	7
	·726	19.63	"	7.0	W	7
11342	·696	21 18 32.10	35 23	7.2	W	6
	·712	32.17	"	7.0	E	7
11349	·674	21 19 8.55	35 17	6.8	E	7
	·693	8.52	"	6.6	W	7
	·696	8.55	"	7.1	W	6
	·723	8.58	"	6.5	E	7
	·726	8.59	"	6.5	W	7
11357	·712	21 20 3.25	24 15	6.8	E	7
11361	·696	21 21 13.45	52 44	6.5	W	7
	·723	13.22	"	6.5	E	7
	·726	13.19	"	6.4	W	7
11364	·674	21 21 57.37	54 8	6.5	E	7
	·693	57.41	"	6.5	W	7
	·712	57.32	"	6.5	E	7
11369	·723	21 23 9.64	52 34	7.0	E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
11369	·726	21 23 9.63	52 34	7.0	W	7
11377	·712	21 23 43.91	44 31	6.9	E	7
11380	·674	21 24 48.95	36 59	7.2	E	7
	·693	48.85	„	7.0	W	7
	·696	48.78	„		W	7
	·723	48.89	„	7.0	E	6
11381	·726	21 24 56.73	26 9	6.8	W	7
11386	·712	21 26 4.52	25 51	7.2	E	7
11387	·696	21 26 22.35	53 11	6.0	W	6
*11390	·674	21 26 54.71	45 17		E	7
	·687	54.84	„		W	7
	·693	54.80	„		W	7
	·723	54.70	„		E	7
11392	·726	21 27 24.12	52 26		W	6
11396	·712	21 28 4.41	52 16	6.3	E	7
	·726	4.48	„	6.4	W	5
11398	·696	21 28 32.05	37 6		W	7
	·723	32.11	„	6.5	E	7
11400	·693	21 29 10.58	34 46		W	7
11404	·712	21 29 50.47	51 17	6.7	E	7
	·726	50.50	„		W	6
11413	·687	21 30 51.86	36 20		W	7
	·693	51.81	„	6.8	W	7
	·696	51.75	„		W	7
	·723	51.81	„		E	7
	·731	51.83	„	6.6	W	7
*11421	·712	21 32 25.59	8 18		E	7
	·726	25.73	„		W	7
11420	·696	21 32 31.20	30 5		W	7
11424	·723	21 32 53.47	52 1	7.0	E	7
11434	·687	21 33 31.03	43 35		W	7
	·693	30.92	„		W	7
11439	·696	21 34 13.27	41 38		W	7
	·712	13.30	„	6.7	E	7
	·726	13.22	„	6.7	W	7
	·731	13.24	„	6.5	W	7
11443	·723	21 34 54.28	34 58	7.0	E	7
11453	·696	21 36 19.05	26 19		W	7
	·712	19.13	„	7.0	E	7
	·726	19.13	„	6.9	W	7
	·731	19.11	„	6.8	W	7
11459	·693	21 36 55.28	54 26	7.0	W	7
	·723	54.88	„		E	7
11466	·687	21 38 20.30	39 0		W	6
	·712	20.36	„	6.5	E	7
11468	·731	21 38 41.09	49 58	6.5	W	7
*11472	·693	21 38 59.55	33 29		W	6
	·696	59.45	„		W	7
	·723	59.40	„		E	7
11478	·712	21 40 25.30	46 51	6.8	E	7
11481	·723	21 41 6.93	53 24		E	7
	·726	7.26	„	6.8	W	7
*11484	·687	21 41 31.26	16 35		W	3
11485	·693	21 41 40.74	39 59		W	6
	·696	40.68	„		W	7
	·731	40.73	„	6.8	W	7
11492	·712	21 42 5.04	48 14	6.5	E	7
	·893	5.15	„		E	6
11499	·693	21 43 57.37	39 5		W	7
	·712	57.43	„	7.2	E	7
	·723	57.39	„		E	7
	·726	57.34	„	6.9	W	7
11504	·731	21 44 52.73	53 12	7.5	W	6
11512	·726	21 45 51.16	43 27	6.9	W	7
11514	·693	21 46 9.86	41 53	6.5	W	7
	·723	9.80	„	6.5	E	7
*11527	·712	21 47 52.57	37 50		E	7
	·726	52.48	„		W	7
	·731	52.43	„		W	7
	·893	52.63	„		E	7
11529	·693	21 48 19.20	36 32	6.6	W	7
	·723	19.27	„	6.4	E	7
11529	·890	21 48 19.39	36 32	7.0	W	7
11539	·712	21 50 5.82	31 5	6.7	E	7
	·723	5.85	„	6.5	E	7
	·726	5.85	„		W	7
	·731	5.79	„	6.5	W	7
	·898	5.85	„	6.5	E	7
11545	·693	21 50 58.00	35 50		W	5
	·890	58.14	„	7.4	W	7
	·893	57.95	„	7.0	E	7
*11544	·895	21 51 6.93	55 28		W	7
11554	·723	21 52 18.57	46 13		E	7
	·726	18.57	„	7.0	W	7
	·731	18.52	„	7.0	W	7
	·890	18.96	„	7.0	W	4
	·898	18.75	„	7.0	E	7
11564	·693	21 53 37.54	43 57		W	7
	·712	37.60	„		E	6
	·895	37.59	„		W	7
11571	·723	21 54 21.43	42 56	6.7	E	7
	·726	21.43	„	6.8	W	7
	·731	21.46	„	6.8	W	7
	·898	21.55	„	6.8	E	7
11574	·753	21 55 0.96	37 2		E	7
	·890	0.91	„	6.9	W	6
	·904	0.78	„		W	7
11578	·693	21 55 34.14	34 19	6.9	W	7
	·712	34.20	„	6.9	E	7
11580	·723	21 56 37.87	50 48		E	7
	·726	38.02	„	7.0	W	7
	·895	38.01	„		W	7
	·898	37.89	„	7.0	E	7
11585	·731	21 57 16.91	46 37	7.0	W	7
11589	·693	21 57 53.84	29 50	7.3	W	7
	·712	53.87	„	7.0	E	7
11593	·726	21 58 20.32	39 22	6.6	W	7
	·753	20.37	„	6.8	E	7
	·890	20.44	„	7.0	W	7
11596	·723	21 58 49.56	26 22	6.5	E	7
	·731	49.61	„	6.7	W	7
	·895	49.51	„		W	7
	·898	49.55	„	6.8	E	7
11601	·693	21 59 52.57	44 27	6.8	W	7
	·712	52.58	„	6.8	E	7
*11603	·726	22 0 5.31	40 2		W	7
	·753	5.32	„		E	7
	·895	5.38	„		W	5
	·904	5.36	„		W	7
11610	·723	22 1 8.04	30 6	7.0	E	7
	·731	8.11	„	7.1	W	7
	·890	8.11	„	7.3	W	6
*11617	·693	22 1 55.87	47 27		W	7
	·712	55.95	„		E	7
	·726	55.90	„		W	7
	·753	56.00	„		E	7
	·898	55.91	„		E	7
11622	·731	22 2 31.63	43 32	6.6	W	7
*11623	·761	22 2 32.94	33 29		E	7
	·895	32.98	„		W	7
	·904	32.96	„		W	7
11630	·723	22 3 53.29	24 9	6.5	E	7
11634	·693	22 4 18.17	28 47	6.9	W	7
	·712	18.17	„	6.7	E	7
	·726	18.14	„	6.5	W	7
	·731	18.20	„	6.6	W	7
	·753	18.15	„	6.8	E	7
	·761	18.16	„	6.6	E	7
11636	·890	22 5 18.74	44 20	6.5	W	7
	·895	18.69	„		W	7
	·898	18.73	„	6.6	E	7
11639	·712	22 5 47.32	34 57		E	6
	·723	47.25	„	6.5	E	7
	·731	47.21	„	6.7	W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
11639	·904	22 5 47.23	34 57	6.5	W	7
11645	·693	22 6 29.40	40 42	6.8	W	7
	·726	29.45	"	6.5	W	7
	·753	29.47	"	6.7	E	7
11649	·761	22 7 15.36	52 45	7.0	E	7
	·898	15.39	"	7.0	E	7
11652	·712	22 7 19.42	26 49		E	6
	·731	19.45	"	6.7	W	7
11656	·726	22 8 31.94	41 51	6.2	W	7
	·904	32.07	"	6.4	W	6
*11657	·693	22 8 38.69	28 16		W	7
	·723	38.64	"		E	7
	·753	38.75	"		E	7
	·890	38.72	"		W	7
	·895	38.70	"		W	7
*11667	·712	22 9 35.54	41 51		E	7
	·731	35.49	"		W	7
	·893	35.46	"		E	7
11672	·693	22 10 33.83	23 30	7.2	W	5
11670	·723	22 10 42.74	54 49		E	7
	·726	42.80	"	6.5	W	7
	·761	42.75	"	6.7	E	7
	·898	42.76	"	6.7	E	7
	·904	42.71	"	7.0	W	7
*11682	·753	22 11 33.35	8 17		E	7
	·890	33.33	"		W	7
	·895	33.37	"		W	7
*11681	·731	22 11 42.36	54 7		W	7
	·909	42.40	"		E	7
11685	·893	22 11 53.15	32 16	6.9	E	7
11691	·723	22 12 55.49	23 50		E	7
	·726	55.39	"	7.0	W	7
	·761	55.51	"	6.8	E	7
	·898	55.41	"	6.8	E	6
	·904	55.56	"	6.9	W	7
11697	·731	22 14 20.24	44 0	7.0	W	7
	·753	20.33	"	7.0	E	7
	·893	20.14	"		E	7
	·895	20.08	"		W	7
	·909	20.23	"		E	7
11702	·723	22 15 5.40	51 36		E	7
	·726	5.37	"	7.0	W	7
11704	·761	22 15 37.40	54 22	6.5	E	7
	·890	37.50	"	6.7	W	7
	·898	37.41	"	6.5	E	7
	·904	37.07	"	7.0	W	5
11708	·731	22 16 20.42	25 52	7.1	W	7
	·753	20.33	"	7.2	E	7
	·909	20.34	"	7.0	E	7
11714	·723	22 17 17.14	47 10		E	7
	·893	16.92	"	6.8	E	7
	·895	17.03	"		W	7
11717	·731	22 17 36.78	26 21	7.1	W	6
11721	·726	22 18 40.87	41 57	6.6	W	7
	·753	41.00	"	6.5	E	7
	·761	40.84	"	6.5	E	7
	·898	40.99	"	6.5	E	7
11722	·726	22 18 43.88	41 57	8.0	W	7
	·753	44.00	"	7.3	E	7
	·761	43.97	"	7.2	E	7
	·898	43.98	"	7.0	E	7
11725	·731	22 18 59.56	51 54	7.0	W	5
	·890	59.51	"	6.7	W	7
	·909	59.68	"	6.9	E	7
11729	·723	22 19 15.52	38 20		E	7
	·893	15.38	"	6.9	E	7
	·895	15.39	"		W	7
11734	·726	22 20 33.80	28 31	6.9	W	7
	·753	33.78	"	6.9	E	7
11739	·723	22 21 10.03	49 52		E	7
	·731	9.96	"	6.8	W	7
	·890	10.12	"	6.5	W	7
11739	·904	22 21 10.11	49 52	6.5	W	7
11741	·761	22 22 4.81	26 56	6.9	E	7
	·893	4.73	"	7.0	E	7
	·895	4.72	"		W	7
	·898	4.67	"	7.0	E	7
	·909	4.80	"	6.9	E	7
11743	·726	22 22 21.57	39 36	7.0	W	6
	·753	21.55	"	6.8	E	7
*11744	·726	22 22 47.60	39 38		W	7
	·753	47.79	"		E	6
*11745	·723	22 23 17.61	44 0		E	7
	·731	17.66	"		W	7
11753	·890	22 23 49.16	29 10	6.8	W	7
	·904	49.17	"	6.9	W	7
11759	·726	22 24 51.77	48 50	6.9	W	7
	·731	51.87	"	6.8	W	6
	·893	51.60	"	7.0	E	7
	·898	51.77	"	6.8	E	7
	·909	51.76	"		E	7
*11769	·753	22 25 21.35	11 11		E	7
	·761	21.33	"		E	7
	·895	21.23	"		W	7
11773	·890	22 26 0.45	35 48	7.0	W	7
	·904	0.40	"	6.8	W	7
11783	·726	22 27 33.46	35 39	6.7	W	7
	·731	33.53	"	6.8	W	7
	·753	33.47	"	7.0	E	7
	·898	33.47	"	6.9	E	7
	·909	33.44	"	7.0	E	7
11785	·893	22 27 56.53	45 12	6.4	E	7
	·895	56.48	"		W	7
	·915	56.76	"		E	7
11789	·761	22 28 25.74	32 40	6.7	E	7
	·890	25.67	"	6.7	W	7
	·904	25.66	"	6.7	W	7
11801	·723	22 30 35.67	48 49		E	7
	·726	35.65	"	6.5	W	7
	·731	35.53	"	6.5	W	7
	·753	35.58	"	6.7	E	7
	·895	35.44	"	6.5	W	7
	·898	35.54	"	6.4	E	7
11803	·893	22 30 45.67	43 59	6.7	E	7
	·904	45.68	"	6.8	W	7
	·909	45.72	"	7.0	E	7
	·915	45.82	"	6.9	E	7
11808	·761	22 31 50.56	53 17	7.0	E	7
11811	·726	22 32 22.03	33 59	6.8	W	7
	·731	22.08	"	7.0	W	7
11816	·893	22 33 9.74	39 40	6.8	E	7
	·898	9.73	"	6.7	E	7
	·904	9.69	"	6.8	W	7
	·915	9.78	"	6.8	E	6
*11819	·723	22 33 12.61	33 36		E	7
	·753	12.55	"		E	7
	·890	12.42	"		W	7
	·895	12.43	"		W	7
	·909	12.50	"		E	7
11823	·726	22 34 10.19	28 51	6.5	W	7
	·731	10.29	"		W	5
	·761	10.25	"		E	7
11824	·726	22 34 12.51	28 52	7.0	W	7
	·731	12.57	"		W	5
	·761	12.55	"		E	7
11832	·723	22 35 36.09	24 3		E	7
	·731	36.11	"	6.8	W	7
	·893	36.20	"	7.0	E	7
	·895	36.12	"		W	7
	·898	36.06	"	6.9	E	7
	·904	36.09	"	6.9	W	7
	·915	36.03	"	6.9	E	7
11835	·726	22 36 39.29	47 43	6.0	W	7
	·909	39.25	"	6.0	E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
*11837	·753	22 36 41.89	47 24		E	7
11842	·723	22 37 35.81	22 11	7.0	E	7
	·731	35.79	,,	6.9	W	7
	·761	35.89	,,	6.9	E	7
	·890	35.81	,,	6.9	W	7
	·893	35.82	,,	6.9	E	7
	·898	35.79	,,	6.8	E	7
11850	·723	22 39 3.22	41 18	6.8	E	7
	·726	3.23	,,	6.7	W	7
	·753	3.25	,,	6.8	E	7
	·904	3.19	,,	6.7	W	7
	·909	3.23	,,	6.9	E	7
11856	·731	22 40 7.39	49 30	6.5	W	7
	·893	7.46	,,	6.5	E	7
	·895	7.29	,,		W	7
	·915	7.46	,,	6.5	E	7
11860	·753	22 40 27.78	50 12	6.4	E	6
	·898	27.83	,,	6.3	E	7
11863	·761	22 40 48.46	47 28	6.4	E	7
11870	·723	22 41 22.53	42 13	6.8	E	7
	·726	22.44	,,	6.9	W	7
	·890	22.44	,,	6.6	W	7
	·904	22.43	,,	6.8	W	7
11879	·731	22 42 1.55	52 3	6.7	W	7
	·909	1.64	,,	6.7	E	7
	·915	1.58	,,	6.5	E	7
*11884	·753	22 42 30.88	51 51		E	7
11886	·893	22 42 42.13	43 59	6.8	E	7
	·895	42.18	,,		W	7
	·898	42.23	,,	6.8	E	7
11888	·723	22 43 3.79	35 18		E	7
	·726	3.72	,,	7.0	W	7
	·761	3.79	,,	6.9	E	7
11892	·731	22 43 51.64	23 37	6.8	W	7
	·904	51.68	,,	6.8	W	7
11899	·909	22 44 29.21	42 1	8.0	E	7
	·915	29.25	,,	7.0	E	7
*11902	·723	22 45 20.69	39 41		E	7
	·726	20.76	,,		W	7
	·731	20.59	,,		W	7
	·753	20.73	,,		E	7
	·890	20.69	,,		W	7
	·895	20.70	,,		W	7
11906	·761	22 45 36.20	42 7	6.9	E	7
	·789	36.32	,,		W	7
	·898	36.23	,,	6.8	E	7
11908	·893	22 45 52.06	24 18	7.1	E	7
11911	·904	22 46 25.97	48 6	6.5	W	7
11917	·915	22 46 44.99	39 50	7.0	E	6
*11918	·726	22 46 58.08	33 24		W	7
	·731	57.96	,,		W	7
	·909	58.05	,,		E	7
	·931	58.00	,,		W	7
	·945	58.08	,,		W	7
*11922	·753	22 47 23.89	8 7		E	7
	·789	23.94	,,		W	7
	·890	23.82	,,		W	7
	·895	23.82	,,		W	7
11920	·761	22 47 26.73	45 41	6.5	E	6
11925	·893	22 47 49.79	39 57	6.9	E	7
11930	·731	22 48 52.77	25 31	7.0	W	7
	·791	52.83	,,	7.0	E	7
	·898	52.75	,,	7.0	E	7
	·904	52.74	,,	6.9	W	7
*11935	·726	22 49 20.64	16 22		W	7
	·753	20.62	,,		E	7
	·789	20.58	,,		W	7
11939	·761	22 49 40.72	43 25	7.0	E	7
	·909	41.07	,,	7.7	E	7
11942	·893	22 50 12.81	43 5	7.0	E	7
11943	·731	22 50 20.27	32 10	6.4	W	6
	·890	20.38	,,	6.7	W	7
11943	·895	22 50 20.23	32 10		W	7
	·904	20.23	,,	6.3	W	7
	·945	20.26	,,		W	7
11946	·731	22 50 50.38	32 6	6.7	W	7
	·789	50.37	,,		W	7
	·895	50.40	,,		W	6
	·904	50.34	,,	6.5	W	7
*11951	·753	22 52 7.53	30 9		E	7
	·761	7.54	,,		E	7
	·890	7.65	,,		W	5
	·898	7.47	,,		E	7
	·909	7.40	,,		E	7
	·912	7.49	,,		W	7
	·915	7.47	,,		E	7
	·931	7.39	,,		W	7
11952	·791	22 52 12.20	45 41		E	6
11955	·731	22 52 36.68	51 40		W	7
	·789	36.60	,,		W	7
	·893	36.73	,,	7.0	E	7
11962	·791	22 54 14.78	52 14	6.5	W	7
	·895	14.76	,,		W	7
11968	·731	22 54 56.79	49 59	6.7	W	7
	·794	56.87	,,	6.8	E	4
*11969	·753	22 54 58.51	53 17		E	7
	·789	58.61	,,		W	7
	·893	58.42	,,		E	7
	·898	58.53	,,		E	7
	·909	58.50	,,		E	7
	·912	58.62	,,		W	7
	·915	58.42	,,		E	7
11972	·761	22 55 6.31	49 29	6.5	E	7
	·904	6.33	,,	7.0	W	7
11977	·791	22 55 51.83	29 23	6.2	E	6
	·931	51.74	,,		W	7
11980	·731	22 56 40.63	50 14	7.0	W	6
	·890	40.53	,,	7.0	W	7
	·895	40.36	,,		W	7
	·912	40.58	,,		W	6
11984	·753	22 57 10.44	48 23	6.6	E	7
	·789	10.49	,,		W	7
	·794	10.55	,,		E	4
	·893	10.52	,,	6.6	E	7
	·909	10.46	,,	6.5	E	7
11989	·761	22 57 55.04	38 58	6.8	E	7
	·791	55.07	,,	6.8	E	7
	·898	54.94	,,	6.8	E	7
	·904	54.91	,,	6.8	W	7
11998	·915	22 58 16.17	30 59	6.9	E	7
	·931	16.11	,,		W	7
12002	·731	22 59 24.36	36 26	6.9	W	7
	·753	24.28	,,	7.0	E	7
	·789	24.46	,,		W	7
	·912	24.39	,,		W	7
12007	·791	22 59 52.90	24 53		E	7
	·794	52.99	,,	6.6	E	7
	·890	52.89	,,	6.8	W	7
	·895	52.88	,,		W	7
	·945	52.94	,,		W	7
12010	·761	23 0 21.80	39 57	7.0	E	7
	·893	21.89	,,	7.0	E	7
	·898	21.83	,,		E	7
	·904	21.89	,,	7.2	W	7
12011	·731	23 1 1.06	44 3	7.3	W	7
	·789	1.18	,,		W	7
	·909	1.04	,,	7.3	E	7
	·915	0.93	,,	7.0	E	7
*12013	·731	23 1 14.78	44 4		W	7
	·753	14.74	,,		E	7
	·909	14.78	,,		E	6
	·912	14.72	,,		W	7
	·915	14.75	,,		E	7
12021	·791	23 1 31.31	30 35		E	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
12021	·895	23 1 31.27	30 35		W	7
	·931	31.20	„		W	7
	·945	31.32	„		W	7
12030	·731	23 3 30.07	26 22	6.9	W	7
	·761	30.08	„	6.8	E	7
	·789	30.08	„		W	7
	·791	30.15	„	6.9	E	7
	·794	30.11	„	6.5	E	7
	·890	30.13	„	6.9	W	7
*12032	·753	23 4 6.81	21 43		E	7
*12038	·912	23 4 41.98	45 47		W	7
	·915	41.68	„		E	6
	·931	41.82	„		W	7
	·945	41.91	„		W	7
	·947	41.91	„		E	7
12040	·893	23 4 50.60	40 35	6.8	E	7
	·895	50.60	„		W	7
	·898	50.59	„	6.9	E	7
	·904	50.56	„	6.9	W	7
	·909	50.47	„	7.0	E	7
12042	·731	23 5 22.31	30 4	6.8	W	7
	·789	22.26	„		W	7
	·791	22.28	„	6.8	E	7
	·794	22.26	„	6.6	E	5
12044	·753	23 5 49.30	27 27	7.5	E	7
	·890	49.41	„	6.9	W	7
12046	·761	23 7 7.66	54 44	7.0	E	7
	·895	7.64	„		W	7
12048	·893	23 7 17.35	54 50	7.0	E	7
	·898	17.14	„	7.0	E	7
12054	·753	23 7 56.22	49 41	7.5	E	7
	·789	56.20	„		W	7
	·904	55.98	„		W	6
12068	·789	23 10 20.41	30 24		W	7
	·791	20.42	„	6.5	E	7
	·893	20.50	„	6.6	E	7
	·895	20.36	„		W	7
12067	·731	23 10 22.31	52 25	6.5	W	6
	·753	22.28	„	6.5	E	7
	·794	22.26	„	6.9	E	6
	·890	22.14	„	6.5	W	5
	·898	22.23	„	6.5	E	7
	·909	22.21	„	6.6	E	7
12075	·731	23 11 15.10	52 24		W	4
	·753	14.91	„	7.3	E	5
*12083	·761	23 11 35.60	58 47		E	7
	·904	35.66	„		W	6
	·912	35.67	„		W	7
	·915	35.58	„		E	7
	·931	35.81	„		W	7
	·945	35.58	„		W	7
	·947	35.59	„		E	4
12089	·789	23 12 23.96	48 40		W	7
	·893	23.91	„		E	7
*12096	·731	23 13 25.47	33 5		W	7
	·753	25.52	„		E	7
	·791	25.45	„		E	7
	·794	25.44	„		E	7
	·895	25.46	„		W	7
	·931	25.46	„		W	7
12098	·909	23 13 32.14	31 6	6.9	E	7
12103	·789	23 13 57.37	39 42		W	7
	·904	57.32	„	7.0	W	7
	·912	57.29	„		W	7
	·915	57.35	„	7.0	E	7
12107	·945	23 14 18.49	34 15		W	7
	·947	18.53	„		E	7
12110	·893	23 14 53.97	43 42	6.8	E	7
	·895	54.08	„		W	7
	·898	53.97	„	7.0	E	7
*12113	·731	23 15 55.77	27 32		W	7
	·753	55.76	„		E	7
*12113	·761	23 15 55.81	27 32		E	7
	·931	55.75	„		W	7
12114	·789	23 16 44.37	43 44		W	7
	·794	44.41	„	6.9	E	7
	·893	44.40	„	6.6	E	3
	·895	44.38	„		W	7
	·898	44.43	„	6.8	E	7
	·904	44.35	„	6.8	W	7
	·912	44.44	„		W	7
12119	·731	23 17 32.53	24 0	7.0	W	7
	·753	32.45	„	7.2	E	7
	·909	32.59	„	7.0	E	7
	·915	32.47	„	7.1	E	7
	·945	32.42	„		W	7
12126	·816	23 18 15.04	54 22	6.4	W	7
12128	·761	23 18 23.14	31 40	7.0	E	7
	·789	23.25	„		W	7
	·931	23.16	„		W	7
	·947	23.24	„		E	7
12131	·753	23 19 2.16	37 45	6.8	E	7
	·794	2.21	„	7.0	E	6
	·898	2.27	„	6.9	E	7
	·904	2.24	„	6.9	W	7
	·912	2.07	„		W	7
12134	·945	23 19 50.57	36 44		W	7
12135	·789	23 20 6.64	30 33		W	7
	·816	6.83	„	7.0	W	6
	·909	6.67	„	7.5	E	7
	·915	6.70	„	7.2	E	7
	·947	6.69	„		E	7
*12141	·753	23 21 0.74	53 17		E	7
	·895	0.80	„		W	7
	·931	0.89	„		W	7
	·950	0.85	„		E	2
12149	·898	23 21 37.21	50 50	6.5	E	7
	·904	37.11	„	6.7	W	7
	912	37.25	„		W	7
AGC 3755	·898	23 21 41.49	50 50	7.0	E	7
	·904	41.33	„	7.2	W	7
	·912	41.55	„		W	7
12154	·816	23 22 18.50	50 54	6.8	W	7
	·898	18.64	„	6.5	E	4
12159	·909	23 23 1.23	39 12	6.9	E	7
	·915	1.33	„	7.1	E	7
	·945	1.28	„		W	7
12165	·753	23 23 52.20	53 14	6.5	E	7
	·794	52.06	„		E	5
	·895	52.26	„		W	7
12169	·789	23 25 0.46	22 26		W	7
	·816	0.47	„		W	5
	·904	0.58	„	7.0	W	7
	·912	0.47	„		W	7
	·947	0.51	„		E	7
12173	·753	23 25 35.18	35 40		E	7
	·909	35.24	„	7.3	E	7
	·950	35.16	„		E	7
12182	·794	23 26 22.73	31 53		E	6
	·945	22.68	„		W	7
	·947	22.61	„		E	6
*12191	·753	23 27 36.54	38 22		E	7
	·789	36.59	„		W	7
	·895	36.60	„		W	7
	·904	36.50	„		W	7
	·912	36.57	„		W	7
	·931	36.46	„		W	7
	·950	36.51	„		E	7
12200	·816	23 28 44.47	25 25	7.0	W	7
	·909	44.48	„	7.0	E	7
	·945	44.47	„		W	7
	·947	44.54	„		E	7
*12206	·753	23 29 41.69	43 10		E	7
	·789	41.89	„		W	7

MEAN RIGHT-ASCENSIONS OF SOUTHERN STARS,—*Continued.*

No.	1899. +	R. A. 1900·0.	Decl. S. 1900·0.	Mag.	Posn.	Wires.
		h. m. s.	° ′			
*12206	·895	23 29 41.77	43 10		W	7
	·904	41.75	,,		W	7
	·912	41.66	,,		W	7
	·931	41.75	,,		W	7
	·950	41.70	,,		E	7
12207	·794	23 30 23.64	28 2		E	7
	·816	23.67	,,	6.7	W	7
12211	·909	23 31 10.40	45 27	6.5	E	7
	·945	10.43	,,		W	7
	·947	10.30	,,		E	7
12214	·789	23 31 57.72	52 17		W	5
*12217	·753	23 32 27.97	46 3		E	7
	·816	28.05	,,		W	7
	·904	27.92	,,		W	6
	·912	27.95	,,		W	7
12222	·950	23 32 42.32	42 7		E	7
	·961	42.43	,,		W	7
12224	·931	23 33 33.16	46 10		W	7
	·945	33.28	,,		W	7
	·947	33.22	,,		E	7
12226	·909	23 33 35.60	42 2	7.3	E	7
12229	·789	23 34 28.31	23 5		W	7
	·816	28.39	,,	7.0	W	7
	·950	28.23	,,		E	7
	·961	28.30	,,		W	6
12235	·912	23 35 11.68	26 45		W	7
*12238	·753	23 35 23.35	32 38		E	7
	·904	23.39	,,		W	7
	·931	23.31	,,		W	7
	·945	23.31	,,		W	7
	·947	23.31	,,		E	7
12243	·789	23 36 9.25	42 8		W	7
	·909	9.24	,,	7.0	E	7
	·950	9.08	,,		E	7
12254	·753	23 37 46.61	46 52	6.5	E	7
	·789	46.64	,,		W	7
	·816	46.52	,,	6.7	W	7
	·904	46.49	,,	6.4	W	7
	·912	46.52	,,		W	7
	·945	46.60	,,		W	7
12261	·947	23 38 34.78	46 1		E	7
12267	·909	23 38 54.30	41 14	7.0	E	7
	·950	54.08	,,		E	7
	·961	54.32	,,		W	7
12271	·753	23 39 36.94	38 53	7.2	E	7
	·789	37.00	,,		W	7
	·816	37.04	,,	7.2	W	7
	·904	37.12	,,	7.0	W	7
	·912	37.21	,,		W	4
	·945	37.06	,,		W	7
12274	·947	23 40 44.44	38 32		E	7
12278	·789	23 41 16.00	45 23		W	7
	·961	16.02	,,		W	7
*12284	·753	23 41 57.54	50 47		E	7
	·904	57.53	,,		W	7
	·909	57.51	,,		E	7
	·950	57.55	,,		E	7
12285	·912	23 42 7.16	48 49		W	6
	·945	7.15	,,		W	7
	·947	7.13	,,		E	5
12294	·789	23 43 31.30	48 12		W	7
*12297	·753	23 43 43.03	28 41		E	7
	·816	43.02	,,		W	7
	·904	42.87	,,		W	7
	·950	43.02	,,		E	7
	·961	43.00	,,		W	7
12298	·912	23 44 8.53	28 25		W	7
12302	·909	23 44 40.57	42 51	6.8	E	7
	·947	40.50	,,		E	7
12311	·753	23 45 45.64	49 13	6.5	E	7
	·789	45.58	,,		W	7
	·961	45.74	,,		W	7
12318	·816	23 46 26.85	35 15		W	7
	·947	26.95	,,		E	7
	·950	26.80	,,		E	7
12321	·912	23 46 37.17	34 1		W	7
	·945	37.22	,,		W	7
12326	·789	23 47 30.79	25 33		W	7
	·909	30.81	,,	6.7	E	7
	·961	30.74	,,		W	7
*12333	·912	23 48 10.63	24 47		W	7
	·945	10.64	,,		W	7
	·947	10.54	,,		E	7
	·950	10.56	,,		E	7
12336	·816	23 48 33.50	29 57		W	7
12340	·789	23 49 11.27	27 36		W	7
12343	·909	23 49 54.42	37 55		E	7
	·961	54.34	,,		W	7
12354	·816	23 50 58.17	22 33		W	7
	·912	58.16	,,		W	7
	·945	58.09	,,		W	7
	·947	58.14	,,		E	7
12359	·789	23 51 30.96	42 45		W	7
	·950	30.95	,,		E	7
12366	·961	23 52 18.99	37 16		W	7
12369	·816	23 52 49.25	39 31		W	7
12374	·947	23 53 32.54	38 47		E	7
*12376	·789	23 53 44.74	53 18		W	5
	·912	44.85	,,		W	7
	·945	44.88	,,		W	7
	·950	44.76	,,		E	6
12395	·816	23 55 23.96	41 15		W	7
	·961	23.94	,,		W	7
12402	·912	23 56 13.75	29 17		W	7
	·945	13.81	,,		W	7
	·947	13.70	,,		E	7
	·950	13.65	,,		E	7
O.A. 23205	·950	23 57 47.76	30 43		E	7
12413	·816	23 58 0.16	24 42		W	7
	·961	0.13	,,		W	7
*12416	·912	23 58 36.98	17 54		W	7
	·945	37.00	,,		W	7
12419	·950	23 59 4.88	30 42		E	7
12420	·947	23 59 13.20	29 50		E	7

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IN THE YEAR

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1899.

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