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SURVEY DEPARTMENT, EGYPT.

METEOROLOGICAL REPORT

FOR THE YEAR 1905.

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Egypt. Meteorological Dept.

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PART I.

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INTRODUCTION.

As in 1904 only the routine observations made at the Helwan Observatory are presented.

Barometer.—The Sprung Fuess barograph was used during the first half of the year. Subsequently it began to give considerable trouble and to work irregularly. Accordingly in October it was returned to the makers to be overhauled. In the latter half of the year aneroid barographs by Richard were used.

Temperature, Humidity, Vapour Tension.—As in 1904 the Callendar electric recorders worked irregularly mainly owing to trouble with the accumulators. Accordingly only the eye-readings are published. In October the Callendar recorders were overhauled and since then no trouble has been experienced and in the 1906 and subsequent reports hourly observations of the temperature, humidity and vapour tension will appear.

The humidity and vapour tension are computed from Jelinek's "Psychrometer-Tafeln" revised by Hann and Pernter, using directly without correction the tables for a barometer of 755 mm. and a light wind.

Wind.—The original exposure of the wind instruments was not satisfactory. The vane and cups of the Kew-pattern anemograph were too close to the flat roof of the Observatory and in consequence of considerable eddying the directions recorded by the instrument were quite unreliable, and differed very considerably from those given by an eye-read vane on the Observatory tower. Accordingly during March 1905 the Kew-pattern anemograph was raised by being placed on a lattice-work tower so that the direction vane was five metres, and the cups were six metres above the roof. After this had been done there was always good accordance between the eye-read vane and the recorder. The wind observations published in this report are from the Kew-pattern recorder, the factor 2·2 being used for the velocity reductions. Previous to April 1905 the Dines anemometer was used for obtaining wind velocities, but there is evidence that the velocities recorded by it were much too low. In October it was found that the float of the instrument was not rising till there was a considerable wind pressure. The instrument was adjusted and on comparing it subsequently with the Kew-pattern anemograph (using factor 2·2) it was found that there was agreement within 5 %. The figures for April and May were then examined and it was found that on the average the Dines instrument was then reading some 30% lower than the Kew-pattern instrument, and apparently the float was not rising with velocities lower than seven kilometres per hour. It was therefore decided not to print the wind registers for the first three months.

The wind records of the nine months have been analysed both by days and hours.

On pages 25 to 28 the components along the four principal points of the compass are given with the resultant velocities and directions. In the computation velocities along a three letter direction (NNE etc.) were resolved using the factors 0.924 and 0.383. For those along a two-letter direction the factor was 0.707. The final computation to obtain the resultant was done in duplicate with a slide-rule.

In the column "Direction E of N" angles which are given a negative sign are angles W of N.

It is hoped to publish shortly a general description and discussion of the winds in this part of Egypt but attention may here be called only to the final table on page 28 which shows the well marked daily variation in wind direction and also an equally well marked annual variation. Another important fact brought out by the table is that at Helwan the prevailing wind is considerably to the east of north, whereas in the Delta the wind is usually west of north.

During the first nine months the Observatory was under the superintendence of Mr. Wade. In October the writer took over the work.

B. F. E. Keeling.

Barometric Pressure

(in millimetres).

Height of Barometer above Sea-level = 115·6 metres.
Correction for Latitude .. .. .. = −0·99 mm.
Correction for Altitude .. .. .. = +10·54 mm.

January, 1905. *(SPRUNG FUESS BAROGRAPH.)*

Date	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
1	756·1	**756·0**	756·3	756·3	756·2	756·6	756·6	756·9	757·3	757·4	757·2	757·0	756·2	756·3	**756·0**	756·1	756·3	756·8	757·0	757·0	757·2	757·4	757·4	**757·6**	756·72
2	758·5	58·2	58·0	57·3	57·3	57·7	58·2	58·9	58·9	**59·1**	59·0	58·5	57·8	**57·2**	**57·2**	**57·2**	57·6	57·5	57·6	57·9	58·1	58·0	58·0	57·8	57·98
3	757.3	57·6	57·4	57·2	57·1	57·2	57·6	57·7	**58.6**	58·4	58·1	57·3	56·6	56·5	**56·4**	56·5	56·6	56·8	56·9	56·9	57·1	57·6	57·3	57·0	57·24
4	756·8	56·6	56·5	56·0	55·8	56·1	56·4	57·0	**57·5**	56·3	56·8	55·8	55·0	54·6	54·5	54·6	**54·4**	54·6	55·0	55·5	55·6	55·3	55·4	55·1	55·72
5	755·1	55·0	55·0	55·0	55·1	55·1	55·4	55·4	55·8	**56·2**	55·4	55·0	54·2	54·2	54·1	**53·6**	54·5	54·9	55·0	55·8	56·0	55·6	55·9	54·9	55·09
6	**755·2**	56·8	56·6	57·0	57·2	57·6	58·6	59·0	59·8	60·1	**60·3**	58·7	58·3	58·4	58·0	59·2	58·3	59·1	60·0	59·8	**60·3**	**60·3**	**60·3**	60·1	58·71
7	759·8	60·0	59·7	59·2	59·1	59·2	59·6	59·6	**60·6**	60·4	59·7	58·7	58·2	57·6	57·6	57·4	57·1	57·1	57·1	56·9	56·9	56·7	56·3	**56·2**	58·36
8	755·9	55·9	55·6	55·6	55·5	55·5	56·0	56·3	**57·0**	56·3	56·9	55·9	55·0	54·9	54·9	**54·4**	54·6	55·0	55·4	55·6	55·7	56·1	56·0	56·0	55·62
9	756·3	56·1	56·0	55·8	55·7	55·8	56·4	56·9	**57·3**	57·0	56·8	56·2	55·4	55·0	55·2	55·1	55·2	55·2	55·3	55·3	55·3	55·3	55·0	**54·9**	55·77
10	**754·5**	54·4	54·2	53·6	53·4	53·6	53·8	53·8	53·8	53·8	53·4	52·4	51·5	51·4	51·2	51·4	**51·0**	51·8	51·5	51·5	51·6	51·6	51·6	51·8	52·57
11	751·9	51·9	51·9	52·2	52·8	53·2	54·2	54·4	54·9	55·3	55·2	54·7	54·2	53·8	**53·6**	**53·6**	53·8	54·1	54·6	54·9	55·1	55·5	**55·7**	**55·7**	54·05
12	755·5	55·1	55·0	54·8	54·7	55·3	55·7	55·7	**56·4**	56·2	**56·4**	55·7	54·8	54·4	53·9	**53·8**	53·9	54·4	54·6	54·9	55·0	55·0	54·6	54.1	55·00
13	**753·3**	52·8	52·4	52·0	51·8	52·9	52·1	52·4	52.6	52·7	52·4	51·7	51·2	50·7	50·3	**50·2**	50·3	50·5	50·9	51·4	52·3	51·6	51·5	51·7	51·70
14	751·5	51·7	51·9	52·4	51·9	52·6	**51·1**	51·2	54·4	54·8	54·8	53·8	53·0	52·8	52·6	52·7	52·7	53·0	54·0	54·2	54·2	54·6	**55·0**	**55·0**	53·16
15	**754·8**	55·2	55·4	55·6	55·8	56·6	57·2	57·4	57·5	**57·9**	**57·9**	56·9	56·4	56·0	55·8	55·9	56·3	56·7	57·1	57·2	57·3	57.5	57·5	57·2	56·63
16	757·5	57·7	57·5	57·2	57·0	57·2	57·8	58·2	58·3	58·4	58·2	57·7	56·9	56·5	56·2	**56·1**	56·4	56·7	56·8	56·9	57·1	56·8	**58·8**	57·0	57·28
17	756·7	56·9	56·4	56·1	55·8	56·2	56·7	56·8	57·4	57·4	**57·5**	56·5	55·6	55·5	55·3	55·2	55·2	55·3	55·3	55·2	55·0	55·0	**54·5**	**54·5**	55·92
18	754·4	**54·1**	54·5	54·3	54·3	55·0	55·8	56·4	56·3	55·8	55·2	54·9	54·5	54·2	54·8	55·0	55·1	55·3	55·8	55·9	56·6	56·7	56·9	**57·0**	55·37
19	**756·6**	56·7	57·0	57·4	57·8	58·3	58·9	58·6	**59·4**	**59·4**	59·2	58·9	58·3	57·8	57·8	57·3	58·1	58·1	57·5	57·7	57·3	57·2	57·2	57·7	57·92
20	**757·3**	57·2	56·7	56·4	56·2	56·1	56·4	56·6	56·8	56·7	56·2	55·7	55·0	54·6	54·3	54·1	53·9	53·8	53·8	53·7	53·7	53·6	53·6	**53·4**	55·24
21	**753·2**	52·8	52·5	52·1	51·8	52·1	52·4	52·5	53·1	53·0	52·4	51·8	51·2	50·8	50·6	**50·3**	**50·3**	50·4	**50·3**	51·0	51.2	51·8	52·2	52·4	51·76
22	752·4	52·4	52·6	52·5	52·5	52·5	52·6	52·6	52·7	52·9	52·4	51·3	**51·2**	**51·2**	51·3	51·9	52·1	52·5	53·4	53·5	53·8	54·0	54·1	**54·3**	52·61
23	**754·6**	54·8	54·7	**54·6**	54·7	55·1	55·5	56·4	57·0	57·3	57·1	56·2	55·8	55·7	55·7	56·0	56·3	56·6	57·1	57·3	57·4	57·5	57·4	**57·6**	56·18
24	**757·3**	**57·3**	57·4	**57·3**	57·6	57·7	58·2	58·5	58·7	59·2	59·0	58·4	57·8	57·7	57·9	58·3	58·6	58·8	59·3	59·5	59·7	**59·8**	**59·8**	59·7	58·48
25	**759·6**	59·8	**59·6**	60·0	60·2	60·4	60·4	60·9	61·5	**61·6**	61·4	61·2	60·5	60·4	60·6	60.4	60·3	60·7	61·1	61·2	61·2	61·4	61·5	61·3	60·72
26	761·1	61·0	61·0	61·0	61·1	61·2	61·3	61·6	61·2	**62·6**	62·0	61·1	60·4	59·9	59·8	59·7	59·7	59·7	59·7	59·9	59·7	59·6	**59·4**	**59·4**	60·55
27	**758·9**	58·7	58·3	58·0	57·6	57·6	58·2	58·3	58·2	58·2	57·7	56·8	56·0	55·2	55·1	55·1	55·2	54·8	55·0	55·0	55·0	54·4	53·8	**53·6**	56·45
28	**753·4**	53·0	52·1	52·2	52·0	52·3	52·5	52·8	52·7	52·8	52·4	51·7	51·1	50·6	50·4	50·4	**50·3**	**50·3**	50·6	50·9	51·1	51·2	50·9	50·7	51·60
29	**750·7**	**50·7**	**50·7**	50·8	51·0	51·2	51·2	52·2	53·5	53·9	53·6	53·4	52·7	52·4	52·6	52·8	53·1	53·5	54·0	54·4	54·6	**54·7**	**54·7**	54·5	52·79
30	754·6	54·2	54·4	54·3	54·3	54·5	54·7	55·1	**56·0**	55·9	55·8	55·0	54·5	54·1	53·7	**53·6**	53·8	53·8	**53·6**	54·2	54·3	54·3	53·8	53·7	54·42
31	753·4	53·2	53·1	52·8	52·7	53·0	53·4	54·0	**54·2**	**54·2**	53·9	53·2	52·7	52·6	52·3	**52·0**	**52·0**	52·1	52·4	53·1	53·2	53·2	53·7	53·7	53·09
Mean	55·62	55·61	55·50	55·39	55·35	55·63	55·96	56·26	56·75	**56·78**	56·59	55·87	55·23	54·94	**54·83**	54·84	54·94	55·16	55·41	55·62	55·76	55·78	55·79	55·66	55·64

Height of Barometer above Sea-level = 115·6 metres.
Correction for Latitude .. .. . = −0·99 mm.
Correction for Altitude .. .. .. = +10·51 mm.

February, 1905. *(SPRUNG FUESS BAROGRAPH.)*

Date	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
1	**753·8**	754·1	754·1	**753·8**	753·9	754·3	754·4	755·2	756·2	756·8	756·4	756·1	755·8	755·5	755·4	755·6	755·7	755·9	756·7	756·8	757·3	757·4	757·6	**758·1**	755·70
2	757·9	58·0	58·0	**57·8**	58·0	58·3	58·4	58·8	**59·8**	**59·8**	59·7	59·0	58·5	58·0	**57·8**	57·9	57·9	58·1	58·2	58·5	58·8	58·7	58·8	58·8	58·48
3	758·5	58·3	58·3	58·0	57·9	58·1	58·2	58·8	59·0	**59·3**	59·1	58·4	57·8	57·1	**57·0**	**57·0**	57·5	**57·0**	57·3	57·8	58·0	58·1	57·9	57·9	58·01
4	758·0	58·1	57·7	57·5	57·6	57·7	58·0	58·1	58·7	**58·9**	58·5	57·9	57·0	56·8	56·3	56·0	55·9	55·9	**55·8**	56·1	56·2	56·2	56·2	56·0	57·13
5	755·8	55·8	55·7	55·2	55·6	55·8	56·0	56·3	56·4	56·1	55·7	55·3	54·8	54·7	**54·6**	55·2	55·8	56·0	56·4	56·7	56·8	56·7	**57·1**	**57·1**	55·90
6	756·9	57·0	56·7	56·8	56·8	57·1	57·2	57·3	58·2	**58·3**	58·1	57·0	56·3	56·0	**55·8**	55·9	**55·8**	56·0	56·9	57·0	56·7	56·0	56·7	56·4	56·79
7	756·1	55·9	55·8	55·5	55·5	55·4	55·8	55·9	**56·2**	**56·2**	55·6	54·6	53·9	53·2	52·9	52·8	52·9	52·5	52·6	52·5	52·6	52·4	52·1	**51·7**	54·19
8	**751·5**	51·0	50·4	50·0	50·1	50·2	50·3	50·4	50·8	50·4	49·9	49·3	**48·5**	**48·5**	48·6	48·7	48·6	48·9	49·3	49·6	50·1	50·2	50·4	50·6	49·85
9	**750·8**	51·1	51·0	51·1	51·6	51·8	52·2	52·8	53·9	54·6	54·2	53·5	53·3	53·2	53·1	53·6	54·2	54·7	55·9	55·1	56·7	56·8	57·0	**57·2**	53·72
10	757·2	57·3	57·3	57·3	57·6	57·9	58.2	58·2	58·5	**58·7**	58·6	58·1	**57·0**	57·4	57·1	57·1	57·5	57·9	57·7	58·0	58·1	58·4	58·1	58·2	57·81
11	758·0	57·8	57·8	57·6	57·9	57·7	57·9	58·5	**58·7**	**58·7**	**58·7**	58·1	57·7	57·0	**56·7**	56·8	56·9	57·1	57·5	58·1	58·1	58·1	58·0	57·9	57·80
12	757·9	57·8	57·6	57·8	57·8	57·8	58·2	58·4	58·4	**58·5**	58·4	57·9	57 3	56·8	56·5	56·5	56·5	56·7	57·0	56·9	56·7	56·6	**56·4**	56·5	57·37
13	756·2	56·1	55·8	55·5	55·2	55·4	55·5	56·1	**56·3**	56·0	55·3	54·7	54·2	54·3	53·7	53·2	52·7	52·6	52·3	51·5	51·4	51·4	51·2	**50·9**	54·06
14	750·7	**50·6**	51·0	51·3	52·1	52·5	53·2	53·5	53·8	54·0	53·8	53·4	52·9	52·7	52·6	52·8	53·0	53·5	53·9	54·4	54·8	54·8	54·9	**55·0**	53·13
15	754·7	54·8	54·7	54·5	54·8	55·4	55·6	56·1	55·6	56·2	55·8	55·4	54·9	54·4	**54·3**	**54·3**	54·8	55·0	55·4	55·7	55·9	56·3	56·1	**56·4**	55·30
16	756·1	56·0	55·9	56·0	56·2	56·4	56·6	57·1	57·0	56·9	57·1	**57·2**	55·7	**55·4**	**55·4**	55·6	55·8	56·0	56·3	56·4	56·4	56·4	56·5	56·4	56·28
17	756·2	55·9	55·8	55·7	55·8	56·4	56·2	**56·6**	**56·6**	56·5	56·0	55·5	55·0	54·7	54·4	54·2	**54·1**	54·2	54·7	54·9	54·7	54·6	54·6	54·6	55·33
18	754·8	**54·6**	**54·6**	54·7	55·0	55·5	56·1	56·2	56·5	56·7	56·7	56·3	55·7	55·5	55·3	55·3	55·4	55·7	56·5	56·7	57·2	57·2	57·3	**57·5**	55·96
19	757·9	58·2	58·2	58·3	58·0	58·0	58·3	58·4	58·4	**58·5**	58·4	58·1	57·1	56·5	56·2	56·0	56·0	**55·9**	56·2	56·6	56·7	56·9	57·0	56·8	57·36
20	756·7	56·1	55·8	55·5	55·5	56·1	56·1	56·3	56·8	56·8	**57·0**	56·5	55·7	55·3	55·2	55·4	55·4	55·6	55·4	55·8	56·0	56·2	56·8	**57·0**	56·04
21	757·2	57·2	**57·0**	57·4	57·8	58·0	58·4	58·9	59·2	59·6	59·5	59·0	58·2	58·0	57·8	57·3	58·3	58·7	59·2	59·8	60·1	60·3	**60·4**	60·3	58·65
22	760·4	60·2	60·1	60·0	60·3	60·7	60·7	61·0	60·7	60·7	**61·2**	60·8	60·1	59·6	59·1	**58·7**	58·8	59·1	59·4	59·8	60·0	59·9	59·9	59·8	60·04
23	759·5	59·0	5[illegible]·0	58·6	58·6	58·9	59·0	59·3	59·6	**59·7**	59·4	58·8	58·4	58·0	57·6	57·3	57·2	57·6	58·0	58·2	58·5	58·2	**57·0**	**57·0**	58·43
24	757·4	57·4	57·2	57·3	57·6	57·5	57·6	**57·9**	57·7	57·8	57·4	57·1	56·9	55·3	55·1	55·1	55·1	55·2	55·0	55·0	55·0	55·0	**54·9**	55·7	56·38
25	**755·6**	55·2	55·0	54·9	55·0	55·0	55·0	55·3	55·4	55·5	55·2	54·8	54·3	53·8	**53·7**	53·8	53·9	54·3	54·6	54·9	55·1	55·1	55·2	55·2	54·82
26	755·5	55·3	55·2	55·1	55·1	55·7	55·9	56·3	56·9	**57·0**	56·6	56.3	55·7	55·4	55·4	**55·0**	55·2	55·5	56·0	56·2	56·1	56·2	56·4	56·4	55·85
27	755·8	55·5	55·5	55·3	55·4	55·8	55·8	56·0	**56·2**	56·1	55·9	55·7	55·2	54·6	54·1	53·7	53·5	53·5	53·5	53·4	53·7	53·6	53·3	**53·2**	54·76
28	**753·0**	52·2	52·2	52·2	52·1	52·3	52·6	52·8	52·7	52·7	52·4	52·2	51·4	51·0	50·7	**50·6**	50·7	50·8	51·0	51·4	51·5	51·8	51·7	51·8	51·82
Mean	756·08	55·95	55·84	55·74	55·89	56·13	56·34	56·66	56·94	**57·04**	56·81	56·32	55·69	55·31	55·09	**55·05**	55·18	55·35	55·67	55·85	56·04	56·05	56·05	56·09	7[illegible]

Barometric Pressure

(in millimetres).

Height of Barometer above Sea-level = 115·6 metres.
Correction for Latitude .. .. .. = — 0·99 mm.
Correction for Altitude .. .. .. = +10·31 mm.

March, 1905. *(SPRUNG FUESS BAROGRAPH.)*

Date	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
	HOURS OF OBSERVATION.																								
1	51·9	51·9	51·7	51·7	52·1	52·5	52·5	52·8	**53·4**	53·2	53·2	52·6	52·2	52·0	51·9	51·6	**51·5**	51·6	51·9	52·2	52·3	52·2	52·0	52·0	752·20
2	**52·2**	52·3	52·4	52·5	52·7	53·1	53·2	53·2	53·9	**54·2**	53·6	53·1	52·8	52·5	52·3	**52·2**	52·4	52·8	53·0	53·1	53·1	53·1	53·1	53·0	52·91
3	52·8	52·8	52·5	52·6	52·9	53·0	53·4	53·4	53·4	**54·0**	53·4	52·8	52·2	51·2	50·6	50·0	49·9	50·0	50·2	50·4	50·5	50·1	50·1	**49·8**	51·75
4	**49·4**	48·6	47·7	47·8	47·1	46·8	46·0	46·7	47·4	47·2	47·3	46·8	46·4	45·6	44·8	**44·4**	**44·4**	**44·4**	44·6	45·3	45·3	45·6	45·7	46·6	46·33
5	**47·2**	47·4	47·7	48·7	49·1	49·6	50·5	50·7	51·3	52·1	52·3	52·2	52·0	51·6	51·1	51·2	51·5	52·0	52·5	53·0	53·4	53·8	**53·9**	**53·9**	51·20
6	53·7	53·6	53·7	53·7	53·7	53·8	54·5	54·2	**55·3**	55·2	55·2	**55·3**	54·7	54·3	54·2	54·1	**53·5**	53·7	53·8	54·5	54·7	54·6	54·4	54·2	54·28
7	53·8	53·7	53·5	53·4	53·7	53·9	54·4	54·3	54·7	**55·1**	54·7	54·4	53·4	53·6	53·7	53·4	54·1	54·1	53·3	54·1	54·2	54·8	54·8	54·3	54·06
8	54·5	54·3	54·2	54·0	54·3	54·5	54·7	55·1	54·8	**55·0**	54·9	54·4	54·2	53·1	53·1	53·2	53·7	53·8	53·9	54·6	54·6	54·7	54·8	54·4	54·28
9	54·4	53·9	53·8	54·0	54·3	54·4	54·7	55·4	55·3	**55·5**	**55·5**	54·8	54·4	53·6	53·2	53·0	52·9	53·3	53·6	54·0	54·3	54·4	54·6	54·4	54·24
10	54·2	53·9	53·7	53·8	54·1	54·4	54·6	54·8	**55·1**	55·0	54·8	54·4	53·7	53·2	52·9	**52·6**	**52·6**	52·8	53·0	53·3	53·1	53·1	53·0	53·3	53·72
11	53·1	52·8	**52·4**	**52·4**	52·5	**52·4**	53·0	53·4	53·8	53·8	54·0	53·7	53·5	53·0	53·0	53·3	53·5	54·1	54·8	53·3	55·7	56·0	**56·1**	**56·1**	53·82
12	56·4	56·4	56·0	56·0	56·2	56·3	56·4	56·5	56·4	**56·6**	56·1	55·5	54·8	54·5	54·0	**53·6**	**53·6**	53·7	54·4	54·4	54·4	54·5	54·3	54·2	55·22
13	**54·3**	54·0	53·7	53·3	53·3	53·7	53·9	**54·3**	**54·3**	54·2	53·8	53·1	52·7	52·3	**51·4**	51·6	51·8	52·3	52·8	53·5	53·6	53·8	53·8	53·6	53·30
14	53·8	53·8	53·4	53·4	53·4	53·2	53·2	53·7	54·0	**54·2**	54·0	53·6	53·3	52·7	52·3	52·1	**52·0**	**52·0**	52·1	52·4	52·4	52·3	52·2	52·1	52·98
15	51·7	51·5	51·3	51·2	51·3	51·6	51·7	52·0	**52·2**	52·0	51·8	51·8	51·5	51·2	50·7	**50·5**	50·8	51·0	51·4	51·8	51·9	51·8	51·8	51·7	51·51
16	51·7	51·1	50·7	50·6	50·6	50·7	51·1	51·6	52·2	**52·4**	52·1	51·6	51·2	50·2	49·8	**49·7**	**49·7**	49·8	50·1	50·7	50·7	50·6	50·5	50·4	50·82
17	50·3	50·0	**49·6**	49·8	50·2	50·4	50·8	50·9	51·8	**51·9**	51·7	51·6	51·2	50·5	50·2	50·0	50·0	50·0	50·0	50·7	51·1	51·5	51·6	**51·9**	50·74
18	51·9	51·8	51·4	51·2	51·1	51·9	52·1	52·3	**52·7**	52·6	52·4	51·9	51·1	50·4	49·7	49·4	49·1	49·1	49·0	49·0	49·5	49·2	48·7	**48·3**	50·66
19	48·5	48·5	48·3	**48·2**	48·5	49·0	49·4	49·7	50·4	50·7	51·0	50·8	50·2	49·8	49·7	49·6	49·7	49·8	50·5	51·2	**51·5**	51·4	51·3	51·2	49·95
20	**51·2**	50·8	50·4	50·1	50·1	49·9	50·0	50·4	50·8	50·9	50·4	49·7	49·0	48·2	47·2	**46·9**	**46·9**	47·1	47·2	47·6	48·1	48·3	48·5	48·3	49·08
21	48·2	48·2	47·8	47·5	47·5	47·5	47·6	47·8	48·0	47·9	47·5	47·0	46·9	46·8	**46·7**	46·8	47·0	47·5	48·2	48·6	49·0	49·3	**49·5**	**49·5**	47·85
22	49·3	49·4	**49·2**	**49·2**	49·7	50·1	50·5	51·0	51·4	51·8	51·8	51·6	51·8	51·2	51·3	51·2	51·4	52·0	52·4	52·9	53·2	53·4	53·5	**53·6**	51·37
23	53·3	53·1	53·0	52·9	53·1	53·4	53·9	54·4	54·7	**54·8**	54·5	53·9	53·5	52·8	**52·5**	**52·5**	52·6	52·9	53·3	53·8	54·1	54·3	54·3	54·3	53·58
24	54·4	54·2	53·8	53·8	54·1	54·8	55·1	54·9	54·7	55·1	**55·2**	55·0	54·4	53·8	53·1	52·9	52·7	52·7	52·9	53·0	53·1	52·8	52·6	**52·5**	53·82
25	**52·5**	52·3	51·5	51·3	51·2	51·2	51·2	51·7	52·0	51·9	52·0	51·6	51·2	50·5	49·9	49·5	**49·3**	49·4	49·4	49·5	49·5	49·5	49·5	49·5	50·71
26	**49·5**	48·6	48·6	48·7	48·8	48·7	48·7	48·4	49·0	49·4	48·7	48·4	47·7	47·0	46·8	**46·7**	**46·7**	47·0	47·2	47·8	48·4	48·3	48·2	48·4	48·15
27	**48·3**	48·5	49·0	48·9	49·9	49·8	50·3	51·0	51·4	51·7	51·6	51·1	50·6	50·2	50·1	50·1	50·2	50·3	50·7	51·3	52·0	52·2	52·3	**52·6**	50·59
28	52·3	52·0	51·8	51·6	51·5	51·8	52·4	52·6	**52·7**	**52·7**	52·5	52·2	51·7	51·3	**50·6**	50·8	50·8	50·9	51·5	51·8	52·2	52·4	52·6	52·6	51·89
29	52·4	51·9	52·0	**51·9**	52·2	52·3	52·8	53·3	53·9	**54·1**	53·9	53·7	53·2	52·8	52·5	52·3	52·3	52·3	52·7	52·9	53·2	53·1	53·0	52·9	52·82
30	52·8	52·4	52·2	52·3	52·3	52·5	52·7	52·9	53·2	**53·3**	53·2	52·8	52·3	51·9	51·3	50·9	50·7	**50·5**	50·6	51·0	51·2	51·3	50·8	50·6	51·90
31	50·7	50·4	49·6	49·1	**49·1**	49·6	49·5	50·0	50·3	50·4	50·3	50·4	50·0	49·7	49·8	49·9	50·2	51·0	51·6	52·1	**52·5**	52·4	52·3	52·4	50·55
Mean	751·96	751·75	51·50	51·47	51·63	51·83	52·09	52·37	52·73	**52·87**	52·69	52,32	51·86	51·34	50·98	**50·84**	50·89	51·09	51·37	51·80	52·03	52·09	52·06	52·02	751·82

Height of Barometer above Sea-level = 115·6 metres.
Correction for Latitude .. .. .. = —0.99 mm.
Correction for Altitude .. .. .. = +10·11 mm.

April, 1905. *(SPRUNG FUESS BAROGRAPH.)*

Date	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean.
	HOURS OF OBSERVATION.																								
1	752·3	752·1	752·0	752·1	752·2	752·5	752·8	753·1	753·1	753·1	753·1	752·7	752·2	751·8	**751·4**	751·7	752·1	752·5	753·2	753·5	754·1	**754·2**	**754·2**	754·1	752·75
2	754·2	54·2	54·0	**53·8**	53·9	54·3	54·5	54·9	55·6	**56·0**	**56·0**	55·8	55·2	54·5	54·2	53·9	**53·8**	54·2	54·3	55·1	55·5	55·7	55·7	55·6	54·79
3	755·5	55·3	55·1	54·9	54·8	55·3	55·8	56·1	56·2	56·4	56·4	56·0	55·6	55·2	54·8	**54·7**	**54·7**	55·0	55·6	56·0	56·6	56·8	**57·0**	**57·0**	55·70
4	757·1	56·6	56·6	56·8	57·1	57·3	57·5	57·7	58·2	**58·3**	58·2	58·1	57·2	56·6	56·1	56·0	**55·9**	56·0	56·0	56·1	56·5	56·5	56·5	56·3	56·88
5	756·0	56·1	55·8	55·8	55·7	55·8	56·1	56·3	**56·8**	56·7	56·5	55·9	55·2	54·8	54·1	53·9	**53·8**	**53·8**	**53·8**	54·1	54·4	54·5	54·3	54·0	55·18
6	753·9	53·7	53·4	53·3	53·6	53·8	54·2	54·3	**54·8**	**54·8**	54·7	54·2	53·6	53·0	52·6	**52·4**	52·5	52·5	52·6	52·9	53·0	53·3	53·2	52·8	53·46
7	752·5	52·4	52·2	52·3	52·5	53·0	53·4	53·9	54·3	**54·6**	54·3	53,9	53·1	52·4	51·9	51·8	**51·6**	51·9	52·2	52·6	53·1	53·2	53·1	52·9	52·88
8	752·5	52·3	52·0	52·2	52·2	52·0	52·2	52·8	53·0	53·1	52·7	52,1	51·5	50·7	**50·2**	50·3	51·4	51·7	52·5	53·0	53·6	54·0	**54·4**	**54·4**	52·37
9	754·1	53·6	**53·2**	**53·2**	53·7	54·3	**54·7**	54·5	54·4	54·6	54·5	54·4	53·8	53·8	53·6	53·4	53·7	54·0	53·9	54·3	54·4	54·2	54·3	54·2	54·03
10	754.2	53·8	53·8	54·0	54·1	54·2	54·2	54·6	54·8	**55·1**	54·2	54·5	54·0	53·7	53·5	**53·4**	**53·4**	53·5	53·7	53·6	54·2	53·8	53·9	54·1	54·01
11	753·6	53·4	53·3	53·0	53·4	53·6	**54·1**	**54·1**	53·9	53·6	53·4	53·1	52·7	52·3	**51·7**	51·8	**51·7**	51·8	51·8	52·1	52·3	52·5	52·5	52·4	52·83
12	**751·9**	51·3	50·9	51·0	51·4	51·3	51·4	51·1	51·2	51·3	51·0	50·7	50·2	49·6	49·1	48·9	48·8	**48·7**	48·8	48·9	49·2	49·2	49·3	49·6	50·20
13	749·4	49·2	49·1	49·0	49·2	49·2	49·4	49·5	**49·6**	49·2	49·3	48·9	48·9	47·7	47·9	47·6	47·4	**47·3**	48·4	47·4	47·4	**47·3**	47·5	48·0	48·49
14	748·2	48·2	**48·1**	**48·1**	48·6	49·2	49·4	50·0	50·6	50·6	50·2	49·9	49·9	49·7	49·2	49·2	49·2	49·4	49·8	50·0	51·1	**51·3**	51·2	51·1	49·68
15	750·8	50·2	49·9	49.7	49·8	50·0	50·1	50·8	50·8	50·7	50·4	50·1	50·0	49·8	**49·4**	49·6	**49·4**	49·7	50·0	50·6	51·0	51·2	**51·3**	**51·3**	50·28
16	751·1	**51·0**	**51·0**	51·2	51·4	51·7	51·8	52·1	52·1	52·7	52·7	52·4	52·3	51·2	51·6	51·6	51·5	51·7	51·9	**52·6**	53·3	53·4	53·6	**53·8**	52·07
17	753·7	53·4	53·2	53·2	53·2	53·5	53·9	54·3	**54·7**	**54·7**	54·5	54·4	54·1	53·4	53·2	53·0	52·9	**52·8**	52·9	**52·9**	53·1	53·6	53·9	53·8	53·60
18	**753·2**	53·0	52·3	52·0	51·7	51·7	51·9	52·0	52·2	52·2	51·7	51·3	50·8	50·0	49·6	**49·4**	**49·4**	**49·4**	**49·4**	**49·4**	**49·6**	49·8	49·6	49·5	50·88
19	749·2	49·0	48·6	**48·5**	48·7	49·0	49·2	49·4	49·9	50·5	50·5	50·1	50·0	49·4	49·0	48·8	48·6	48·7	49·0	49·7	50·4	51·0	**51·2**	51·1	49·56
20	750·8	50·2	50·2	50·0	49·9	50·8	51·0	51·1	**51·4**	**51·4**	50·9	50·1	49·8	49·2	48·6	**48·4**	48·5	48·8	**48·9**	**49·1**	**49·6**	49·8	**49·5**	**49·3**	**49·39**
21	749·0	48·5	48·2	48·2	48·1	48·5	48·7	48·7	**49·2**	**49·2**	**49·2**	48·7	48·1	47·8	47·6	47·3	47·0	**46·9**	**46·9**	**47·1**	**47·1**	**47·2**	**47·2**	**47·2**	**47·98**
22	747·2	46·7	46·6	46·7	46·8	47·1	47·4	47·3	47·6	**48·0**	47·7	47·7	47·0	46·3	45·5	45·1	45·0	44·8	**44·8**	**45·0**	**45·2**	**45·1**	**45·0**	**44·8**	**46·25**
23	**744·5**	44·7	44·6	44·9	44·9	45·2	46·1	46·1	46·3	46·5	46·7	46·7	47·1	47·7	46·9	47·1	47·3	47·7	**48·1**	**50·0**	**51·0**	51·1	**51·4**	51·1	**47·94**
24	**751·4**	51·9	52·2	52·3	52·5	52·8	53·7	53·7	**54·0**	**53·8**	53·8	53·6	53·5	53·2	53·4	53·4	53·6	53·5	**53·1**	**53·4**	**54·6**	54·6	**55·0**	**55·3**	**53·43**
25	**755·2**	55·6	55·3	55·2	55·6	56·0	56·4	**56·7**	**57·1**	**57·1**	56·8	56·4	56·1	55·8	55·5	55·3	55·5	55·8	**56·4**	**56·9**	**57·1**	**57·1**	**57·1**	**57·1**	**56·21**
26	**756·8**	**56·8**	56·5	56·4	56·4	56·5	**56·8**	56·7	**56·1**	**55·8**	55·8	55·7	55·5	54·6	54·5	54·3	53·6	**53·4**	**53·4**	53·6	**54·2**	**54·2**	**54·5**	54·2	55·26
27	**754·0**	53·6	53·5	53·5	53·5	53·4	53·4	53·2	**52·8**	**52·8**	52·6	52·2	52·0	51·3	50·8	50·5	**50·4**	50·5	**51·4**	**51·9**	52·4	**52·5**	**52·6**	52·7	52·40
28	752·7	52·7	52·7	52·6	52·6	52·8	52·9	**53·1**	**53·1**	**53·4**	52·9	52·6	52·4	52·3	**51·9**	52·0	52·3	52·3	**52·3**	**52·6**	52·8	**52·9**	**53·0**	**53·1**	52·65
29	753·0	52·9	52·7	52,6	52·5	52·7	52·8	52·9	**53·1**	**53·6**	52·9	52·4	52·1	51·8	51·6	51·1	**50·9**	51·2	**51·2**	**51·3**	51·4	**51·5**	**51·7**	**51·6**	52·15
30	**751·3**	50·8	49·1	49·1	49·0	49·1	48·3	48·1	**48·5**	**48·0**	48·4	47·4	46·2	45·9	45·5	44·5	44·3	43·9	**48·4**	**49·1**	44·1	44·4	**44·7**	**45·4**	46·77
	52·31	52·11	51·87	51·85	51·97	52·22	52·47	52·64	**52·85**	**52·92**	52·73	52·40	52·00	51·51	51·16	**51·01**	**51·01**	51·11	**51·32**	**51·63**	52·08	52·20	**52·26**	**52·25**	**751·89**

Barometric Pressure

(in millimetres).

Height of Barometer above Sea-level = 115·6 metres.
Correction for Latitude .. .. .. = −0·99 mm.
Correction for Altitude .. .. .. = + 9·96 mm.

May, 1905. *(SPRUNG FUESS BAROGRAPH.)*

Date	Hours of Observation. 1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
1	746·2	746·3	746·3	746·7	747·3	747·9	748·4	749·4	749·7	750·1	750·0	749·8	750·2	750·0	749·8	749·7	749·8	750·2	751·1	751·7	752·1	752·3	752·4	752·2	749·57
2	752·0	51·8	51·5	51·6	51·9	52·2	52·5	52·7	52·8	52·7	52·7	52·5	52·1	51·7	51·9	50·7	50·6	50·6	50·8	51·6	51·9	52·2	52·3	52·2	51·90
3	752·0	52·0	52·0	51·9	51·9	52·0	52·1	52·3	52·5	52·4	52·1	51·8	51·2	50·5	49·8	49·6	49·4	49·3	50·0	50·6	51·2	51·6	51·7	51·6	51·31
4	751·4	51·2	51·2	51·3	51·4	51·6	52·2	52·3	52·5	52·7	52·6	52·3	52·0	51·7	51·4	51·2	51·0	51·0	51·6	52·4	53·2	54·1	54·4	54·4	52·13
5	754·3	54·4	53·8	54·0	54·3	54·7	54·9	55·1	55·0	55·1	55·0	54·9	54·8	54·3	53·9	53·6	53·4	53·5	54·4	54·7	55·3	55·5	55·5	55·3	54·57
6	755·3	55·0	55·0	54·8	54·6	54·7	54·6	54·8	55·2	55·2	54·9	54·4	54·0	53·4	52·8	52·4	52·4	52·5	52·9	53·4	53·7	54·0	54·2	54·0	54·09
7	754·0	53·4	53·2	52·9	52·9	52·8	53·0	53·1	53·4	53·7	53·7	53·0	52·6	52·2	52·0	51·5	51·5	51·1	51·9	52·4	53·1	53·5	53·4	53·5	52·82
8	753·4	53·1	52·9	52·5	52·5	52·7	52·8	53·0	52·7	52·6	52·4	52·0	51·9	51·5	51·4	51·3	51·1	51·4	51·4	51·6	52·0	52·5	52·6	52·4	52·24
9	752·1	51·8	52·1	52·5	52·9	53·2	53·7	53·8	55·0	54·9	54·6	54·3	53·6	52·9	52·6	52·5	52·4	52·4	53·0	53·5	54·0	54·2	54·0	53·5	53·31
10	753·9	53·6	53·7	53·7	53·8	53·5	53·4	53·2	52·8	52·6	52·6	52·3	52·0	51·3	51·1	50·6	50·8	51·3	51·6	51·5	51·5	51·8	51·9	51·5	52·33
11	751·1	51·4	50·8	50·9	51·0	50·9	50·9	51·2	51·2	51·4	51·2	50·8	50·2	50·0	49·7	49·4	49·3	49·6	49·7	49·8	50·1	50·5	51·4	51·2	50·57
12	750·7	50·1	50·1	49·8	49·9	50·1	50·5	50·8	51·5	51·4	51·0	50·3	50·0	49·5	49·2	49·3	49·2	49·3	49·4	49·6	50·0	50·3	50·1	49·6	50·07
13	749·5	49·4	49·1	49·2	49·1	49·4	49·8	50·2	50·0	49·9	49·8	49·4	49·1	48·8	48·3	48·0	47·7	47·3	47·8	48·5	48·7	49·0	49·1	49·0	49·00
14	748·8	48·9	49·0	49·5	49·6	49·9	50·6	51·0	51·3	51·4	51·3	51·1	50·3	49·7	49·3	49·2	49·3	49·8	50·3	50·6	50·8	51·4	51·3	51·3	50·24
15	750·4	49·9	49·6	50·0	50·4	50·2	50·7	51·7	51·9	52·2	51·4	51·4	50·6	50·2	50·0	49·9	50·0	50·2	50·7	51·2	52·1	52·4	52·6	52·4	51·92
16	752·4	52·2	51·9	52·0	52·3	52·3	52·5	52·4	52·0	51·8	52·0	51·4	51·1	50·7	50·6	50·5	50·6	51·1	51·8	52·2	53·0	53·2	53·1	52·8	51·91
17	752·2	51·8	51·7	51·6	51·7	52·1	52·2	52·2	52·6	52·8	52·5	51·7	51·3	51·1	51·3	51·3	51·3	51·3	51·3	51·5	51·6	52·2	52·4	52·8	51·85
18	753·0	53·2	53·0	52·6	51·8	51·8	51·8	51·4	51·8	51·8	51·4	51·1	50·5	50·0	49·8	49·4	49·5	49·9	50·4	50·7	51·2	51·9	51·4	51·1	51·27
19	750·6	50·0	49·7	49·8	50·0	50·3	50·6	50·7	51·3	51·2	50·9	50·8	50·4	50·3	50·0	49·8	49·6	49·5	49·6	49·8	50·2	50·8	51·4	51·4	50·36
20	749·9	49·8	49·5	49·7	49·5	49·5	49·8	50·0	50·1	50·1	50·2	50·1	50·0	49·5	49·1	48·8	48·6	48·5	48·6	48·7	48·8	49·0	48·9	48·7	49·39
21	748·5	48·4	48·3	48·7	49·0	49·3	48·9	48·8	49·2	49·5	49·8	49·9	49·7	49·2	49·0	48·7	48·6	48·7	48·8	49·4	49·7	50·1	50·1	49·9	49·18
22	749·9	49·6	49·4	49·5	49·8	50·1	50·3	50·4	50·4	50·4	50·2	50·0	49·6	49·5	49·0	49·0	49·0	49·0	49·4	49·8	50·3	50·4	50·1	49·6	49·78
23	749·3	49·0	48·7	48·7	48·9	49·2	49·5	49·5	49·5	49·4	49·1	48·8	48·6	48·5	48·4	48·0	47·9	48·2	48·5	48·6	48·6	48·9	48·8	48·5	48·80
24	749·0	49·2	49·6	50·3	51·2	50·4	48·8	47·9	47·7	47·7	47·6	47·2	47·0	46·6	46·2	46·0	46·0	46·0	46·0	46·2	46·6	47·0	47·2	47·6	47·71
25	747·3	47·2	47·5	47·8	48·1	48·4	48·8	49·0	49·6	49·0	49·0	49·2	49·1	48·5	48·2	48·3	48·5	48·7	48·9	49·4	49·6	49·7	49·7	49·4	48·70
26	749·3	48·9	48·5	48·2	48·0	48·2	48·7	49·1	49·2	49·3	49·3	49·0	48·7	48·1	47·8	47·5	47·2	47·2	48·0	48·9	49·6	49·8	50·2	50·4	48·71
27	750·8	51·0	50·8	50·4	49·6	48·6	51·4	51·6	51·5	51·5	51·3	50·8	51·0	50·6	50·4	50·2	50·4	50·5	51·2	52·0	52·4	52·6	52·9	52·8	51·10
28	752·0	52·2	52·0	52·1	52·4	52·6	52·7	52·7	52·5	52·3	52·2	52·0	51·6	51·2	50·6	50·3	50·4	50·7	51·1	51·7	52·1	52·1	52·2	52·1	51·82
29	751·9	51·4	51·6	51·4	51·5	51·6	51·7	51·7	51·1	51·1	50·6	50·5	50·0	49·7	49·5	49·0	48·8	48·8	49·1	49·4	49·8	49·8	49·6	49·4	50·38
30	748·9	48·9	48·8	48·6	48·5	48·8	48·8	48·7	48·4	48·3	47·8	47·4	47·0	46·6	46·2	45·9	45·9	45·8	46·2	46·9	47·1	47·0	46·8	47·0	47·51
31	747·4	46·7	46·6	46·7	46·7	46·8	47·2	47·2	47·2	47·5	47·4	47·0	46·8	46·6	46·7	46·7	47·5	48·6	49·5	49·8	50·4	50·8	51·4	51·5	47·95
Mean	750·89	50·70	50·58	50·63	50·73	50·83	51·09	51·22	51·34	51·35	51·18	50·88	50·55	50·14	49·87	49·62	49·60	49.74	50·16	50·58	50·99	51·31	51·39	51·26	750·69

Height of Barometer above Sea-level = 115·6 metres.
Correction for Latitude .. .. .. = −0·99 mm.
Correction for Altitude .. .. .. = + 9·88 mm.

June, 1905. *(SPRUNG FUESS BAROGRAPH.)*

Date	Hours of Observation. 1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
1	751·2	751·4	751·1	751·0	751·5	751·4	752·3	751·6	751·7	752·0	751·8	751·5	751·2	751·0	750·9	750·5	750·8	751·2	751·6	752·0	752·3	752·8	752·7	752·6	751·59
2	752·2	51·8	51·6	51·3	51·2	51·8	51·8	52·2	52·4	52·4	52·2	51·8	51·7	51·8	50·9	50·9	50·6	51·5	50·8	51·3	51·5	51·8	51·7	51·5	51·61
3	751·3	51·0	51·1	50·9	51·2	51·4	51·7	51·9	51·9	52·2	52·2	51·8	51·5	51·8	51·6	51·5	51·2	51·1	51·6	51·8	51·7	52·2	52·4	52·2	51·66
4	752·2	51·9	51·9	52·0	52·2	52·3	52·4	52·3	52·2	52·2	52·6	52·2	52·0	51·6	51·4	51·2	51·4	51·6	51·6	52·4	52·7	52·8	52·6	53·0	52·11
5	752·9	52·1	52·0	52·1	52·2	52·3	52·5	52·4	52·2	52·2	52·1	51·8	51·4	51·3	50·7	50·1	49·9	50·0	50·2	50·7	51·0	51·6	51·2	51·2	51·50
6	750·8	50·4	50·2	50·6	50·1	50·4	50·7	50·6	50·3	50·0	49·9	49·9	49·7	49·5	49·4	49·4	49·1	49·1	49·0	49·1	49·1	49·2	49·2	49·2	49·79
7	749·2	49·2	49·0	48·7	49·0	49·2	49·5	49·8	49·8	49·7	49·6	50·0	49·8	49·7	49·8	49·7	49·7	49·9	50·0	50·8	51·2	51·5	51·5	51·8	49·92
8	751·5	51·4	51·8	52·0	52·0	52·6	52·6	52·8	52·8	52·8	52·8	52·3	52·0	51·7	51·6	51·4	51·2	51·4	51·7	51·8	52·2	52·1	52·2	52·2	52·04
9	751·9	51·6	51·8	52·1	52·2	52·4	52·7	52·7	52·7	52·6	52·4	52·0	51·2	51·0	50·6	50·2	50·1	50·1	50·3	50·5	50·8	50·9	51·0	50·9	51·45
10	750·7	50·3	50·3	50·2	50·2	50·1	50·0	50·1	50·0	48·8	49·4	48·9	48·5	47·9	48·0	48·0	48·3	49·5	49·5	49·7	49·7	49·7	49·7	49·7	49·47
11	749·6	49·6	49·6	49·6	49·5	49·5	49·5	49·4	49·2	48·9	48·6	47·9	47·5	47·1	47·2	47·1	47·2	47·1	47·2	47·2	47·3	47·4	47·2	47·0	48·22
12	746·7	46·3	45·9	45·7	45·6	45·7	46·1	46·3	46·0	45·9	45·7	45·4	44·9	44·4	43·7	43·2	43·3	43·9	44·6	45·5	46·5	46·4	47·7	47·8	45·55
13	747·9	47·9	48·2	48·5	48·6	49·9	50·2	50·4	50·5	50·5	50·7	50·4	50·1	49·2	49·2	49·2	49·2	49·5	50·4	51·1	51·6	52·1	51·8	52·1	49·97
14	752·2	51·8	52·1	52·2	52·3	52·2	52·3	52·8	52·2	52·1	52·1	51·9	51·7	51·6	51·4	51·0	50·9	50·8	51·0	50·9	50·9	50·4	49·8	49·3	51·50
15	748·9	48·6	48·6	48·5	48·7	49·2	49·8	50·0	49·8	49·7	49·4	49·0	48·4	48·0	47·6	47·3	47·4	47·8	48·1	48·5	49·0	49·6	49·4	49·4	48·78
16	749·9	50·1	49·9	50·0	50·0	50·1	50·1	50·1	50·3	50·2	49·9	49·9	49·9	49·7	49·3	49·1	48·9	49·0	49·6	50·6	50·5	50·9	51·1	50·6	49·96
17	750·1	50·1	49·9	49·8	50·1	50·4	51·0	51·2	51·1	50·9	51·0	50·8	50·3	50·2	49·8	49·4	49·3	49·5	49·9	50·2	50·4	51·0	50·8	50·2	50·31
18	749·8	49·4	49·2	49·2	49·3	49·5	49·7	49·8	50·0	50·0	50·0	49·9	49·5	49·3	48·9	48·7	48·6	48·5	48·7	49·3	49·6	50·0	50·0	49·9	49·45
19	749·9	49·5	49·4	49·5	49·4	49·5	50·3	50·5	50·9	50·8	50·4	50·1	49·8	49·8	49·5	49·4	49·3	49·4	49·6	50·3	50·8	51·2	51·2	50·7	50·05
20	750·2	49·7	49·8	49·8	49·8	49·9	50·1	50·2	50·3	50·6	50·6	50·3	50·0	49·6	49·5	49·2	49·0	49·0	49·2	49·5	49·7	49·9	50·1	49·7	49·82
21	749·5	49·2	48·8	48·6	48·7	48·8	49·2	49·4	49·4	49·4	49·4	49·3	48·9	48·5	48·2	47·6	46·9	46·8	47·1	47·6	48·2	48·9	49·0	48·8	48·59
22	748·8	48·8	48·8	48·8	49·2	49·4	50·0	50·0	50·3	50·3	50·3	50·4	49·8	49·7	50·2	50·1	50·1	50·5	51·2	51·4	52·1	52·6	52·9	53·0	50·36
23	752·9	52·7	52·5	52·6	52·3	52·6	53·0	53·1	52·4	52·3	52·4	52·4	52·4	52·4	52·2	51·9	52·0	52·3	52·6	53·0	53·5	53·8	53·8	53·6	52·70
24	753·1	52·9	52·7	52·7	52·9	53·1	53·5	53·9	53·7	53·8	53·6	53·2	53·0	52·7	52·4	52·2	52·2	52·3	52·4	52·8	53·2	53·4	53·6	53·4	53·08
25	753·0	52·8	52·5	52·4	52·5	52·8	52·8	52·9	53·6	53·5	53·3	53·1	51·3	50·8	50·5	50·3	50·1	50·3	50·7	51·1	51·7	52·0	51·7	51·8	51·98
26	751·3	51·3	51·1	51·1	51·3	51·4	51·6	51·9	52·1	52·0	51·5	51·0	50·5	50·2	49·8	49·6	49·4	49·6	49·8	50·2	50·6	50·7	50·6	50·3	50·79
27	750·1	50·0	49·8	49·8	49·7	49·8	49·9	49·8	49·3	49·1	49·1	48·5	48·1	47·9	47·3	46·9	46·7	46·8	47·3	47·7	48·3	48·6	48·6	48·6	48·65
28	748·2	47·9	47·9	48·0	48·3	48·4	48·5	48·6	48·8	48·9	48·7	48·4	48·2	47·7	47·2	47·0	46·9	47·0	47·4	48·0	48·6	48·8	49·0	48·9	48·14
29	748·7	48·6	48·6	48·9	49·0	49·2	49·4	49·5	49·5	49·5	49·4	49·2	49·1	48·6	48·4	48·2	48·3	48·3	48·5	48·9	49·5	49·8	49·9	49·8	49·03
30	749·7	49·6	49·5	49·2	49·3	49·5	49·8	49·9	49·7	49·6	49·4	49·2	48·8	48·7	48·2	48·0	47·6	47·5	47·9	48·7	49·1	49·4	49·5	49·2	49·04
Mean	750·48	50·26	50·19	50·19	50·28	50·49	50·77	50·87	50·84	50·76	50·68	50·42	50·04	49·78	49·51	49·28	49·19	49·38	49·65	50·07	50·44	50·72	50·73	50·61	750·25

Barometric Pressure

(in millimetres).

Height of Barometer above Sea-level=115·6 metres.
Correction for Latitude .. .. .. = − 0·99 mm.
Correction for Altitude .. .. .. = + 9·78 mm.

July, 1905. *(SPRUNG FUESS AND RICHARD BAROGRAPHS.)*

Date	1	2	3	4	5	6	7	8	9	10	11 ✓	Noon	13	14 ✓	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
1	749·3	49·3	49·2	48·9	49·1	49·4	**49·7**	49·6	49·6	49·5	49·5	49·2	48·7	48·4	47·9	47·7	**47·4**	**47·4**	47·6	47·8	48·4	49·1	49·2	49·0	748·79
2	748·8	48·7	48·5	48·5	48·6	48·9	49·2	49·2	**49·3**	49·2	48·9	48·9	48·4	48·0	47·7	47·6	**47·3**	**47·3**	47·4	47·6	47·9	48·5	48·7	48·8	48·41
3	748·6	48·5	48·7	48·6	48·8	48·8	48·7	**48·9**	48·5	48·4	48·0	47·7	47·2	46·9	46·7	46·5	**46·3**	**46·3**	46·4	46·6	47·3	47·5	47·6	47·4	47·70
4	747·2	47·0	47·0	46·6	46·7	46·9	47·1	**47·2**	47·0	46·9	46·6	46·5	46·4	45·9	45·6	**45·3**	45·4	45·6	45·6	45·7	46·4	46·8	47·0	46·8	46·47
5	**746·7**	46·5	46·4	45·9	45·9	46·0	46·0	46·0	45·9	45·9	46·0	45·8	45·6	45·2	45·2	45·0	**44·9**	**44·9**	45·2	45·5	45·8	46·1	46·0	45·9	45·76
6	746·0	45·9	45·8	46·0	46·2	46·5	46·7	46·9	46·9	**47·1**	**47·1**	46·9	46·4	46·3	46·0	**45·7**	45·8	**45·7**	46·0	46·1	46·6	46·7	46·7	46·6	46·36
7	746·3	46·3	46·3	46·4	46·4	46·5	46·7	46·8	47·1	47·2	47·1	46·8	46·5	46·3	46·0	**45·9**	**45·9**	**45·9**	46·0	46·2	46·9	47·2	47·2	**47·4**	46·55
8	747·4	47·4	47·3	47·3	47·1	47·2	47·2	**47·5**	47·0	46·9	46·9	46·5	46·5	45·8	45·8	**45·7**	**45·7**	**45·7**	45·8	46·1	46·4	46·7	46·7	46·5	46·63
9	746·4	46·6	46·7	46·9	47·0	47·2	47·4	47·6	**47·8**	47·7	47·6	47·0	46·7	46·5	**46·0**	46·1	46·1	**45·0**	46·1	46·5	47·0	47·4	47·5	47·3	46·88
10	747·2	46·9	46·8	46·7	46·6	46·7	47·2	47·5	47·6	**47·8**	47·6	47·3	47·2	46·7	46·6	46·5	**46·4**	**45·4**	46·7	47·1	47·5	47·6	47·7	47·7	47·08
11	747·5	47·5	47·5	47·5	47·5	47·6	48·2	48·3	48·3	48·3	48·2	48·1	47·8	47·5	47·1	47·1	**47·0**	47·1	47·4	47·7	48·1	48·5	**48·6**	**48·6**	47·79
12	748·6	**48·4**	48·8	48·8	49·0	49·4	49·6	49·6	50·2	50·1	50·0	49·9	49·5	49·3	49·1	48·9	48·9	49·2	49·5	50·0	50·8	50·8	**50·9**	50·6	49·58
13	750·3	50·1	49·9	49·9	49·9	50·3	**50·8**	50·7	50·4	50·4	50·2	50·0	49·7	49·4	49·2	48·8	**48·7**	48·9	49·0	49·4	49·9	50·0	49·6	49·6	49·80
14	749·5	49·3	49·4	49·2	49·2	49·3	49·5	**49·6**	49·3	49·3	49·3	49·0	48·5	47·9	47·5	47·1	**47·0**	47·1	47·3	47·6	47·9	48·1	48·1	48·0	48·50
15	748·0	48·0	47·9	47·9	48·0	48·1	48·2	48·4	48·4	48·4	48·1	47·8	47·5	47·3	47·0	46·9	**46·8**	**46·8**	47·3	47·8	48·4	48·7	48·8	**48·9**	47·89
16	748·8	48·5	48·6	48·6	48·7	49·0	48·9	49·3	49·4	49·2	49·4	49·3	48·9	48·4	**48·3**	**48·3**	**48·3**	48·6	48·9	49·6	50·1	50·6	**50·7**	50·6	49·12
17	**750·2**	49·6	49·5	49·4	49·4	49·7	49·9	50·1	49·8	49·7	49·8	49·5	49·4	49·2	49·1	49·0	**48·8**	49·1	49·0	49·2	49·8	50·1	50·1	50·1	49·56
18	**749·9**	49·5	49·3	49·2	49·1	49·3	49·2	49·5	49·6	49·5	49·4	49·4	49·1	49·0	48·7	48·4	48·2	48·1	48·0	47·7	47·7	47·7	**47·6**	**47·6**	48·78
19	747·3	47·3	47·3	47·4	47·4	47·6	48·2	48·6	48·7	48·9	48·6	48·3	47·8	47·5	47·4	47·2	**47·1**	47·3	47·8	48·8	49·2	49·4	**49·6**	49·5	48·09
20	749·5	49·3	49·3	49·2	49·3	49·5	49·7	**49·9**	49·7	49·8	49·8	49·4	49·1	48·7	48·7	48·3	**48·0**	48·5	48·7	49·0	49·8	49·7	49·7	49·6	49·26
21	749·6	49·5	49·4	49·4	49·7	49·8	**50·0**	49·9	49·8	49·7	49·5	49·3	49·1	48·5	48·1	48·0	**47·9**	48·0	48·5	49·1	49·3	49·4	49·3	49·0	49·16
22	748·7	48·5	48·6	48·6	48·7	48·7	**48·9**	48·6	48·7	48·6	48·4	48·2	47·8	47·4	47·1	46·8	**46·7**	46·9	47·1	47·5	47·9	48·0	47·9	47·8	48·00
23	747·5	47·4	47·4	47·4	47·5	47·9	47·9	**48·2**	**48·2**	48·0	47·6	47·3	47·0	46·7	46·6	46·4	**46·2**	46·4	46·5	46·7	47·2	47·7	47·8	47·8	47·30
24	747·5	47·4	47·4	47·4	47·6	47·8	47·9	**48·2**	47·9	47·9	47·7	47·5	47·3	46·9	46·7	46·7	**46·5**	**46·5**	46·7	46·9	47·2	47·4	47·7	47·9	47·36
25	747·9	47·7	47·7	47·7	47·9	48·1	48·3	48·3	**48·6**	48·4	48·0	47·7	47·5	47·1	46·9	46·9	**46·8**	**46·8**	47·2	47·5	48·0	48·3	48·3	48·3	47·75
26	748·0	47·9	47·8	47·7	47·8	48·0	48·3	**48.4**	48·0	47·8	47·5	47·3	46·9	46·7	46·6	**46·3**	**46·3**	**46·3**	46·5	47·3	47·7	48·0	48·2	48·0	47·47
27	747·7	47·5	47·5	47·6	47·8	48·1	48·5	48·3	48·6	48·4	48·4	48·3	47·8	47·3	47·1	47·0	**46·9**	47·0	47·3	48·0	48·7	**49·6**	49·3	49·1	47·99
28	**748·5**	48·1	48·4	48·3	48·2	48·3	48·4	48·2	47·8	47·7	47·6	47·5	47·4	47·2	47·0	46·9	**46·8**	46·9	47·5	47·9	48·2	48·2	47·7	47·2	47·75
29	**747·0**	**47·0**	46·8	46·6	46·6	46·8	46·8	46·8	46·8	46·8	46·6	46·4	46·2	46·1	46·1	45·8	45·5	45·5	45·5	**45·1**	45·4	45·5	45·4	45·5	46·19
30	745·6	**45·4**	**45·4**	45·5	45·5	45·9	46·2	46·2	46·5	46·6	46·6	46·3	46·2	45·0	46·1	45·8	45·9	45·8	46·4	46·6	48·0	**48·6**	**48·6**	48·4	46·42
31	748·3	48·2	48·3	48·2	48·0	48·2	48·6	48·6	48·8	49·0	48·3	48·3	48·0	**47·8**	48·7	48·5	48·3	48·1	48·5	48·8	49·4	**49·6**	**49·6**	49·3	48·56
Mean	748·06	47·91	47·90	47·85	47·91	48·11	48·32	**48·42**	48·39	48·36	48·20	47·98	47·68	47·35	47·18	47·00	**46·90**	46·97	47·21	47·53	48·03	48·31	48·32	48·22	747·84

Height of Barometer above Sea-level = 115·6 metres
Correction for Latitude .. .. .. = −0·99 mm.
Correction for Altitude .. .. .. = +9·82 mm.

August, 1905. *(SPRUNG FUESS AND RICHARD BAROGRAPHS.)*

Date	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
1	**748·9**	48·8	748·7	748·4	748·1	748·0	748·0	748·4	748·3	748.3	748·1	747·7	747·0	746·5	746·3	**746·2**	**746·2**	**746·2**	746·4	746·9	747·3	747·6	747·6	747·3	747·55
2	**746·8**	46·6	46·3	46·3	46·3	46·3	46·5	46·4	46·5	46·5	46·5	46·4	46·0	45·4	45·3	44·6	**46·5**	44·6	44·8	45·1	45·6	46·1	46·1	46·0	45·90
3	745·8	45·7	45·6	45·8	46·0	46·1	**43·4**	46·2	46·2	46·1	45·8	45·9	45·7	45·4	45·3	45·2	45·2	**45·1**	45·2	45·4	46·2	46·3	**46·4**	**46·4**	45·81
4	746·4	46·4	46·5	46·5	46·5	46·6	47·0	47·1	47·3	47·2	47·1	47·0	46·7	46·5	46·3	46·1	**46·0**	46·2	46·5	47·0	47·3	**47·9**	**47·9**	**47·9**	46·83
5	747·9	47·8	47·7	47·6	47·6	47·6	**48·1**	**48·1**	47·9	48·0	**48·1**	47·7	47·3	47·2	46·9	46·7	**46·5**	**46·5**	46·6	46·8	47·2	47·4	47·5	47·1	47·41
6	746·9	46·8	47·1	46·9	46·9	47·0	47·5	**47·6**	47·2	47·0	46·9	46·6	46·3	46·2	46·0	45·9	**45·5**	45·8	46·8	46·2	46·7	47·0	47·0	47·0	46·70
7	747·0	46·9	46·9	46·9	46·9	47·2	47·5	**47·6**	47·4	47·2	47·1	46·6	46·5	46·1	45·9	45·7	**45·5**	**45·5**	45·9	46·2	46·5	46·8	47·0	46·8	46·65
8	746·6	46·6	46·6	**46·5**	46·6	46·9	47·3	47·6	47·8	47·9	47·9	47·6	47·2	46·9	46·8	46·6	46·6	46·7	47·2	47·8	48·2	48·3	48·3	**48·5**	47·29
9	748·2	47·9	47·7	47·8	48·0	48·5	48·9	**49·2**	48·8	48·6	48·6	48·2	47·8	47·5	47·2	**46·9**	**46·9**	47·0	47·4	48·2	48·9	49·0	48·9	48·7	48·12
10	**748·8**	48·5	48·0	48·1	48·5	48·5	48·5	48·5	48·5	48·3	48·3	47·7	47·1	47·0	46·6	46·4	**46·2**	46·4	46·5	47·0	47·2	47·3	47·3	47·3	47·60
11	747·5	47·4	47·2	47·2	47·2	47·4	47·3	48·0	47·7	47·9	48·0	47·4	47·1	47·0	46·7	46·7	46·6	**46·4**	46·6	47·2	48·3	**48·6**	**48·6**	48·4	47·43
12	748·4	48·3	47·9	47·9	47·9	48·1	48·5	48·7	**49·2**	49·0	48·8	48·7	48·2	47·7	47·2	**47·0**	**47·0**	47·1	47·5	48·0	48·7	48·8	48·7	48·5	48·16
13	748·4	48·0	47·9	48·2	48·2	48·2	48·4	48·8	**49·3**	49·1	48·8	48·6	48·0	47·5	47·0	46·7	**46·6**	46·8	47·1	47·5	48·3	48·5	48·5	48·7	48·05
14	748·7	48·3	48·5	48·5	**48·9**	**48·9**	48·7	48·7	48·6	**48·9**	48·6	48·3	47·8	47·4	47·1	46·9	**46·8**	**46·8**	47·0	47·4	47·9	48·3	48·5	48·2	48·07
15	747·9	48·0	48·1	48·0	48·3	48·3	48·4	48·5	48·8	48·8	48·8	48·4	48·0	47·5	47·2	**47·0**	**47·0**	47·3	47·7	48·2	48·7	**48·9**	48·8	48·5	48·14
16	**748·3**	48·5	**48·3**	48·4	48·5	48·8	49·0	49·3	50·0	50·0	49·8	49·8	49·6	49·4	49·1	49·1	49·2	49·2	49·5	50·1	50·5	50·8	50·9	**51·1**	49·47
17	750·6	50·2	50·1	49·9	50·2	50·2	50·3	50·7	**51·1**	**51·1**	50·8	50·4	49·9	49·7	49·4	49·4	**49·2**	49·4	49·7	50·3	50·7	50·6	50·5	50·3	50·20
18	750·1	50·0	50·0	49·8	49·7	49·9	50·1	**50·2**	49·9	49·9	49·6	49·1	48·8	48·5	48·1	48·1	48·0	**47·9**	48·3	48·8	49·2	49·6	49·6	49·6	49·29
19	**749·3**	49·1	48·9	48·9	49·1	49·1	49·2	49·2	**49·3**	**49·3**	49·0	48·5	48·2	47·8	47·4	**47·1**	**47·1**	47·2	47·4	48·2	48·6	48·8	48·6	48·6	48·50
20	748·2	48·1	47·8	47·8	47·8	48·0	48·4	48·5	48·7	**48·8**	48·4	47·8	47·5	47·2	47·0	**46·8**	**46·8**	47·0	47·3	47·9	48·2	48·5	48·5	48·3	47·89
21	748·1	47·8	48·0	48·1	48·3	48·5	48·5	48·8	**48·9**	48·4	48·2	47·8	47·6	47·4	**47·1**	47·2	47·2	47·2	47·6	48·1	48·7	48·8	**48·9**	**48·9**	48·09
22	748·7	48·6	48·6	48·6	48·7	48·7	49·0	48·9	49·2	49·1	48·8	48·6	48·4	47·8	47·5	**47·4**	**47·4**	47·5	47·8	48·2	49·0	**49·4**	49·2	49·1	48·5
23	748·9	48·7	48·5	48·4	48·[illegible]	48·7	49·1	49·1	49·1	**49·3**	49·1	48·7	48·5	48·2	47·8	**47·6**	**47·6**	**47·6**	47·9	48·5	48·7	48·8	48·9	48·7	48·5
24	748·7	48·7	48·5	48·6	48·7	48·9	49·2	49·5	**49·9**	**49·9**	49·7	49·3	49·0	48·5	48·3	48·1	**48·0**	48·1	48·5	49·0	49·4	49·5	49·6	49·6	48·9
25	749·6	49·3	49·0	49·1	49·2	49·3	49·4	**49·7**	49·5	49·4	49·2	48·8	48·4	48·4	47·9	47·6	**47·4**	47·5	47·9	48·5	49·0	49·2	49·3	49·1	48·8
26	749·1	49·0	48·8	48·8	48·8	49·0	49·2	49·3	49·6	49·6	49·2	49·0	48·6	48·5	48·2	**48·1**	**48·1**	48·2	48·8	49·2	49·7	**49·8**	**49·8**	**49·8**	49·0
27	**749·8**	49·3	49·0	49·2	49·4	49·5	49·6	49·6	49·6	49·4	49·0	48·6	48·1	47·6	47·2	47·0	**46·9**	**46·9**	47·2	47·8	48·2	48·3	48·3	48·2	48·4
28	**748·1**	47·7	47·5	47·4	47·5	47·7	47·8	47·8	47·6	47·5	47·3	47·0	46·8	46·4	46·2	**46·0**	**46·0**	46·1	46·2	46·7	47·2	47·5	47·4	47·4	47·1
29	747·2	47·1	47·0	47·0	47·0	47·4	47·6	47·7	48·2	48·3	48·2	48·0	47·6	47·2	47·2	47·1	47·0	**48·9**	47·2	47·8	48·5	48·6	**48·8**	**48·8**	47·6
30	748·5	48·4	48·2	48·3	48·6	48·8	49·1	49·5	**49·8**	**49·8**	**49·8**	49·4	49·0	48·6	48·0	**47·8**	**47·8**	48·0	48·5	48·8	49·3	49·3	49·2	49·2	48·8
31	749·2	49·0	49·0	48·9	49·0	49·2	49·4	49·8	**50·0**	49·8	49·6	49·2	48·6	48·2	47·9	47·7	47·4	**47·2**	47·9	48·1	48·2	48·1	48·1	48·2	48·6
Mean	748·28	48·11	48·00	47·99	48·09	48·24	48·45	48·61	**48·71**	48·66	48·49	48·15	47·78	47·46	47·16	46·99	**46·91**	46·98	47·32	47·77	48·26	48·46	48·47	48·40	747·

Barometric Pressure

(in millimetres).

Height of Barometer above Sea-level=115·6 metres,—
Correction for Latitude .. .. ..=−0·99 mm.
Correction for Altitude .. .. ..=+9·88 mm.

eptember, 1905.

(SPRUNG FUESS AND RICHARD BAROGRAPHS.)

HOURS OF OBSERVATION.

	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
	47·6	47·9	47·8	47·8	47·8	47·9	48·1	**48·4**	48·1	47·8	47·6	47·0	46·5	45·9	45·7	45·2	**45·0**	45·2	45·2	45·7	45·9	45·9	46·0	46·0	46·74
	46·1	46·1	46·1	46·1	46·1	46·1	46·1	46·8	46·6	46·6	46·5	46·2	46·0	45·5	45·3	**45·1**	45·2	45·3	45·6	46·4	47·0	47·4	47·6	**47·9**	46·24
	48·0	48·0	47·9	48·0	48·2	48·2	48·7	49·0	49·2	49·2	49·0	48·8	48·7	48·6	**47·5**	48·3	48·4	49·6	49·9	49·8	50·2	50·3	50·3	**50·4**	48·92
	50·5	50·6	50·5	50·6	50·8	51·0	51·3	51·7	51·5	**52·0**	51·0	50·7	**50·2**	50·9	50·9	51·0	50·8	51·0	51·1	51·5	51·9	**52·0**	51·9	51·8	51·13
	51·5	51·4	51·3	51·2	51·2	51·3	51·5	**51·8**	51·7	51·7	51·7	51·4	51·0	50·6	50·3	50·2	**50·0**	50·2	50·5	50·9	51·1	51·5	51·5	51·6	51·13
	51·7	51·6	51·6	51·5	51·7	51·8	51·8	52·2	52·4	**52·6**	52·2	51·5	51·4	50·4	49·9	**49·8**	**49·8**	49·9	50·2	50·4	50·7	50·9	50·8	50·6	51·14
	50·6	50·4	50·2	50·2	50·3	50·4	50·4	**50·6**	50·2	50·2	50·0	49·6	49·6	49·0	48·5	48·5	**48·2**	48·8	49·1	49·4	49·7	49·6	49·4	49·3	49·68
	49·3	49·0	49·0	49·0	49·3	49·4	**49·5**	**49·5**	49·1	49·1	49·1	49·4	48·5	47·6	47·3	**47·2**	**47·2**	47·4	47·5	48·0	48·5	48·7	48·8	48·5	48·58
	48·3	48·2	48·1	48·0	48·1	48·5	49·0	49·0	49·5	49·5	49·0	49·1	48·6	48·2	48·0	**47·6**	47·8	48·2	48·8	49·4	49·6	**49·9**	49·8	49·6	48·74
	49·6	49·4	49·1	49·3	49·4	49·8	50·2	**50·4**	**50·4**	50·3	50·0	49·6	49·4	49·3	48·8	**48·7**	49·2	49·0	49·4	49·8	50·0	49·9	49·7	49·6	49·60
	49·5	49·5	49·4	49·4	49·5	49·8	50·0	**50·3**	**50·3**	50·2	49·9	49·5	49·3	49·1	48·8	48·3	**48·2**	48·5	49·1	49·2	49·6	49·6	49·5	49·4	49·41
	49·3	49·2	48·6	49·1	49·0	49·1	49·3	49·2	49·3	49·3	49·4	48·9	48·4	48·4	**47·8**	48·4	**47·8**	47·9	48·4	49·3	49·4	**49·5**	49·4	49·4	48·91
	49·4	49·2	48·6	48·6	49·0	49·0	49·4	49·4	**49·7**	49·6	**49·7**	49·5	48·6	48·1	48·1	47·5	47·4	**47·3**	47·6	48·2	48·8	48·7	49·4	48·5	48·72
	49·1	48·6	47·9	47·9	47·8	47·8	47·9	48·1	48·7	48·7	48·2	47·8	47·4	46·9	46·6	**46·4**	46·5	46·5	46·9	47·3	47·7	47·7	47·7	47·7	47·66
	47·6	47·4	47·3	47·2	47·3	47·3	47·5	47·8	**48·3**	48·2	48·1	47·8	47·2	46·8	46·7	46·7	46·7	**46·6**	46·7	47·2	47·7	48·0	48·2	48·1	47·43
	47·7	47·8	47·8	47·7	48·0	48·1	48·7	49·0	**49·7**	**49·7**	49·2	49·0	48·5	47·9	47·5	**47·4**	**47·4**	47·6	48·0	48·5	49·0	49·4	49·2	48·8	48·40
	48·8	48·4	48·5	48·5	48·7	49·0	49·4	**49·6**	**49·6**	**49·6**	**49·6**	49·4	48·7	47·9	47·8	**47·5**	47·6	47·7	48·0	48·6	48·9	49·1	49·2	49·3	48·72
	49·2	49·1	49·1	49·0	48·9	49·2	49·3	**49·4**	49·3	49·1	49·0	48·8	48·6	48·2	47·8	**47·6**	47·7	47·8	48·2	48·3	48·8	48·9	48·8	**49·4**	48·73
	49·3	49·3	49·1	49·3	49·4	49·6	49·8	50·0	**50·3**	**50·3**	**50·3**	49·9	49·4	49·2	48·8	48·5	48·4	**48·3**	48·5	49·1	49·4	49·7	49·9	50·1	49·41
	50·3	50·4	50·4	50·5	50·7	51·0	51·5	**52·0**	51·6	51·2	50·8	50·4	50·1	49·7	**49·5**	49·6	50·0	50·1	50·4	50·8	50·9	51·0	51·2	51·3	50·64
	51·4	51·5	51·5	51·6	51·6	51·7	52·0	52·4	**52·5**	52·3	52·0	51·6	51·4	51·0	50·8	**50·7**	50·8	50·9	51·3	51·5	51·6	51·6	51·8	51·7	51·55
	51·4	**51·4**	51·3	51·2	51·3	51·3	51·2	**51·4**	**51·4**	51·3	50·9	50·4	50·1	49·6	**49·2**	49·3	**49·2**	49·3	49·7	49·8	49·9	49·8	50·2	50·4	50·46
	50·4	50·3	50·3	50·2	50·3	50·5	50·5	50·6	50·6	50·7	50·3	49·8	49·4	49·1	49·0	**48·7**	48·8	49·0	49·3	49·7	50·2	50·5	50·7	**50·8**	49·99
	51·0	51·0	51·2	51·2	51·3	51·5	51·9	52·2	52·2	52·0	51·6	51·1	50·9	50·8	**50·7**	50·8	51·2	51·4	51·9	52·4	52·8	**53·0**	52·8	52·5	51·64
	52·[illegible]	52·4	52·2	52·1	52·0	52·1	52·4	52·7	**53·1**	53·0	52·6	52·3	51·6	51·2	51·1	**50·9**	51·1	51·2	51·6	51·8	52·1	52·0	51·7	51·7	51·98
	51·6	51·0	50·7	50·6	50·6	50·7	51·0	51·2	51·3	51·3	50·8	50·5	50·2	49·7	49·4	49·3	**49·2**	49·3	49·4	49·6	49·9	50·0	49·9	49·9	50·30
	49·7	49·4	49·2	49·2	49·2	49·2	49·5	49·6	49·6	**49·7**	49·4	48·9	48·5	48·2	48·0	47·9	**47·7**	**47·7**	48·0	48·7	48·9	49·0	49·2	49·2	48·90
	49·4	49·4	49·5	49·6	49·7	49·7	50·0	50·3	50·1	50·0	50·0	49·6	49·1	49·4	49·2	**49·1**	49·3	49·4	49·6	49·9	50·3	50·6	**50·7**	**50·7**	49·78
	50·5	**50·0**	50·2	50·4	50·6	50·8	51·2	51·7	51·8	**52·0**	51·8	51·6	51·1	50·6	50·5	50·6	50·7	50·8	51·1	51·5	51·7	51·7	51·8	51·6	51·10
	51·9	51·9	52·1	52·1	52·2	52·2	52·4	52·6	52·6	52·6	52·4	51·8	51·5	51·2	**50·8**	**50·8**	50·9	51·4	51·8	52·4	52·7	**52·8**	**52·8**	**52·8**	52·03
m	749·77	49·66	49·55	49·57	49·67	49·80	50·05	50·30	**50·36**	50·33	50·07	49·73	49·33	48.97	48·68	**48·59**	48·61	48·77	49·09	49·50	49·83	49·96	50·00	49·95	749·59

Height of Barometer above Sea-level=115·6 metres.
Correction for Latitude .. .. ..=−0.99 mm.
Correction for Altitude .. .. ..=+9·96 mm.

tober, 1905.

(RICHARD BAROGRAPH.)

HOURS OF OBSERVATION.

	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	52·9	53·0	53·1	53·1	53·3	53·3	53·5	53·8	53·8	**53·9**	53·6	53·4	52·8	52·2	51·9	51·6	51·4	**51·3**	51·4	51·7	51·9	52·0	52·2	52·4	752·65
2	52·4	52·4	52·5	52·5	52·5	52·4	52·7	**53·0**	52·9	52·5	52·1	51·8	51·7	51·6	51·5	**51·4**	**51·4**	**51·4**	51·5	51·9	52·1	52·2	51·1	52·0	52·06
3	51·7	51·5	51·6	51·8	51·8	52·0	52·0	**52·2**	52·1	52·0	51·8	51·1	50·9	**50·4**	**50·4**	**50·4**	50·5	50·9	51·4	51·1	51·5	51·8	51·7	51·7	51·43
4	51·5	51·0	50·9	51·0	50·9	51·1	51·4	51·5	51·8	51·6	51·5	51·0	50·7	50·5	50·1	**49·9**	**49·9**	**49·9**	50·5	50·9	50·8	51·3	51·4	**52·0**	50·96
5	51·7	**51·2**	51·3	51·4	51·9	52·1	52·4	**53·1**	**53·1**	53·0	52·9	52·6	52·1	51·8	51·4	**51·2**	51·4	51·6	52·1	52·5	52·9	53·0	52·9	53·0	52·19
	52·9	52·9	52·8	52·7	52·8	53·0	53·2	43·4	**54·2**	54·0	53·8	53·6	53·1	52·8	52·3	52·2	**52·1**	52·3	52·6	53·1	53·5	53·6	53·7	53·7	53·10
	53·6	53·7	53·5	53·2	53·2	53·5	53·8	**54·0**	**54·0**	53·9	53·5	53·1	52·8	52·0	**51·9**	**51·9**	52·1	52·5	53·1	53·4	53·6	53·8	53·5	53·3	53·20
	53·2	53·1	53·1	53·2	53·3	53·3	53·6	53·9	53·9	53·8	53·1	52·9	52·3	52·0	**51·8**	**51·8**	52·0	52·5	53·1	53·4	53·9	**54·0**	53·8	53·6	53·11
	53·5	53·4	53·3	53·2	53·2	53·2	53·7	53·9	54·1	**54·2**	53·8	53·6	53·2	51·8	51·7	**51·6**	**51·6**	**51·6**	51·9	52·1	52·2	52·1	52·1	52·0	52·79
	51·8	51·5	51·4	51·3	51·5	51·5	51·9	52·0	**52·2**	52·0	51·8	51·1	50·6	50·0	49·8	**49·6**	49·8	49·9	50·2	50·8	51·2	51·5	51·4	51·3	51·09
1	51·4	51·5	51·4	51·3	51·3	51·4	51·7	52·1	52·3	52·4	52·5	52·0	51·2	50·7	50·5	**50·2**	50·4	50·6	51·0	51·7	52·6	**52·9**	52·7	**52·9**	51·61
2	52·8	52·9	52·8	52·9	53·3	53·5	53·8	53·9	**54·4**	53·8	53·2	52·8	52·2	51·8	51·7	51·6	**51·5**	51·8	52·0	52·5	52·4	52·4	52·3	52·3	52·69
3	52·3	52·7	52·9	52·9	52·9	52·9	53·2	53·6	**53·9**	**53·9**	53·5	53·1	52·8	52·2	51·9	**51·8**	51·9	52·0	52·1	52·8	53·0	53·1	53·3	53·4	52·84
4	53·5	53·4	53·2	53·1	53·1	53·1	53·2	53·8	**53·9**	53·8	53·4	52·7	52·1	51·6	51·2	50·9	50·8	**50·6**	50·9	51·3	51·2	51·3	51·2	51·0	52·26
5	**51·2**	50·9	50·9	50·8	50·7	50·7	50·8	51·0	51·1	**51·2**	50·9	50·5	49·8	49·4	**49·2**	49·3	49·7	49·8	50·1	50·5	50·8	50·7	50·6	50·4	50·46
	50·2	50·4	50·4	50·3	50·6	50·8	50·9	51·7	52·2	**52·4**	50·8	50·7	50·3	50·2	50·1	50·0	**49·3**	49·8	50·0	50·5	50·7	50·8	50·9	50·9	50·62
	50·8	50·6	50·5	50·6	50·7	50·9	51·1	51·2	51·0	50·9	50·8	50·3	50·0	49·6	**49·4**	**49·4**	49·8	50·6	50·8	51·4	51·7	51·9	**52·0**	51·9	50·75
	51·9	51·8	51·7	51·6	51·7	51·9	52·0	52·3	**52·5**	52·4	52·3	51·9	51·6	51·3	**50·7**	50·8	50·9	50·9	51·0	51·2	51·6	51·4	51·3	51·4	51·59
	51·4	51·2	51·0	51·0	50·8	50·9	51·3	**51·4**	51·3	51·2	50·8	50·3	49·7	48·9	48·5	47·9	**47·8**	48·2	48·6	49·4	49·6	49·7	49·8	49·8	50·02
	49·6	49·4	49·5	49·4	49·6	49·8	50·0	50·3	50·7	50·7	50·4	50·0	49·4	49·3	48·8	**48·7**	48·9	49·4	49·8	50·4	50·9	51·0	51·0	**51·1**	49·92
	51·0	**50·7**	51·0	51·0	51·1	51·4	52·0	52·4	52·7	52·8	52·7	52·6	52·2	51·9	51·6	51·5	51·6	51·8	51·9	52·1	52·5	53·0	**53·1**	53·0	51·98
	53·0	52·8	52·5	52·7	52·9	53·2	53·4	53·5	**53·8**	53·7	53·5	52·9	52·5	51·6	51·2	**51·[illegible]**	51·2	51·3	51·2	51·6	52·0	52·1	52·0	51·9	52·40
	51·7	51·8	51·6	51·7	51·5	52·0	52·1	52·0	51·9	51·8	51·5	51·2	50·9	**50·2**	50·3	50·5	50·8	51·2	51·7	52·2	**53·0**	**53·0**	**53·0**	52·9	51·69
	52·9	52·8	52·6	52·6	52·7	53·1	53·3	**53·8**	53·4	53·2	53·0	52·5	52·0	51·7	**51·6**	51·7	52·0	52·4	52·8	53·3	53·4	53·5	53·4	53·3	52·79
	53·2	53·1	53·0	53·0	52·9	53·2	53·6	53·7	53·9	53·8	53·5	52·9	52·5	52·3	**52·0**	**52·0**	52·4	52·6	53·0	53·8	53·8	53·9	**54·0**	53·9	53·17
	53·9	53·9	**53·8**	**53·8**	54·0	54·2	54·8	55·4	55·5	55·4	55·2	54·9	54·6	54·2	53·9	54·0	54·4	54·8	55·2	55·8	56·0	56·1	56·1	**56·2**	54·84
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56·0	56·2	**56·5**	56·4	56·0	55·4	54·8	54·4	54·0	53·8	**53·7**	53·8	54·0	54·2	54·1	54·5	54·4	54·0	55·08
												51·8	51·7	51·6	51·5	51·3	51·6	51·6	51·8	52·0	52·1	**52·2**	52·0	51·7	51·62
												[illegible]·8	51·0	50·4	50·3	**50·2**	**50·2**	50·8	51·2	52·2	52·5	52·8	52·9	**53·0**	51·61
													53·1	52·8	52·7	**52·6**	52·9	53·0	53·5	54·0	54·1	54·2	**54·3**	54·2	53·53
													52·8	52·4	**52·0**	52·2	52·5	52·8	53·0	53·4	53·4	53·7	53·6	53·7	53·41
														51·41	51·16	**51·07**	51·18	51·41	51·72	52·17	52·42	52·56	52·51	52·51	752·18

Barometric Pressure

(in millimetres).

Height of Barometer above Sea-level =
Correction for Latitude.. .. .. =
Correction for Altitude .. .. .. =

November, 1905. *(RICHARD BAROGRAPH.)*

HOURS OF OBSERVATION.

Date	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	M
1	753·3	753·2	753·1	753·2	753·3	753·6	753·8	754·2	754·3	**754·4**	754·0	753·4	753·0	752·9	752·7	752·8	**752·6**	753·2	753·4	753·9	754·0	754·0	75	
2	753·9	**53·8**	54·0	54·0	54·2	54·5	54·7	55·4	55·2	55·3	55·2	54·8	54·4	54·1	53·9	54·0	54·1	54·3	54·7	55·6	55·5	55·8	5	
3	755·9	55·8	55·9	56·0	56·1	56·2	56·5	57·2	**57·4**	57·2	57·1	56·6	56·0	55·4	55·2	**55·1**	55·2	55·7	56·0	56·4	56·5	56·6	56·6	5
4	**756·7**	56·3	56·4	56·2	56·1	56·2	56·3	56·4	56·3	56·2	56·0	55·6	54·8	54·4	**54·0**	54·1	54·2	54·4	54·5	55·5	55·7	54·8	54·9	5
5	**754·2**	54·1	54·0	53·8	53·7	53·8	53·8	53·9	54·0	53·8	53·5	53·0	52·6	51·8	51·6	51·7	**51·5**	51·9	52·0	52·8	53·0	52·7	53·0	5
6	752·8	52·9	52·6	52·4	52·9	53·2	53·5	54·2	**54·5**	54·3	53·9	53·4	52·8	**52·2**	52·3	52·4	52·8	53·0	53·4	54·2	54·1	54·2	54·4	5
7	754·2	54·1	**54·0**	54·1	54·1	54·4	54·8	55·4	55·6	**56·0**	55·8	55·6	55·0	54·4	**54·0**	54·1	54·4	54·7	55·0	55·4	55·8	55·7	55·8	5
8	756·1	56·2	56·2	56·0	55·9	56·0	56·2	56·7	57·0	**57·1**	56·8	56·2	55·6	55·1	55·0	**54·9**	**54·9**	55·0	55·5	55·8	56.4	56·4	56·2	5
9	756·1	56·2	56·0	56·0	55·9	56·0	56·2	56·4	56·5	**56·7**	56·4	55·4	54·8	**53·6**	54·2	54·2	54·4	54·7	54·8	55·0	55·1	55·2	55·2	5
10	754·9	55·0	55·0	55·0	54·9	54·8	54·9	55·1	55·8	**55·9**	55·7	55·1	54·2	53·9	53·7	53·0	**52·9**	53·0	53·1	53·0	53·0	53·1	53·1	5
11	753·0	52·9	52·9	52·8	52·7	52·7	52·9	53·0	53·0	**53·1**	**53·1**	52·6	51·9	51·5	51·2	**50·9**	**50·9**	**50·9**	51·1	51·3	51·3	51·2	51·2	51
12	**751·0**	**51·0**	50·9	50·7	50·2	50·1	50·1	50·0	49·9	50·1	49·9	49·8	49·0	48·3	48·2	48·1	**47·9**	**47·9**	48·1	48·4	48·3	48·2	48·1	48
13	747·9	47·8	47·4	47·3	47·4	47·7	47·8	47·9	48·1	48·3	48·2	47·9	47·4	**47·0**	**47·0**	47·2	47·6	48·2	48·7	49·0	49·3	49·6	49·8	**49**
14	**750·0**	50·2	50·3	50·6	50·3	50·7	51·6	52·4	52·5	52·7	52·4	52·0	51·7	51·5	51·4	51·5	51·6	52·0	52·2	53·0	53·1	53·3	53·5	**53**
15	**754·0**	54·2	54·4	54·6	54·7	54·9	55·6	56·2	56·8	**57·0**	56·8	56·6	56·0	55·7	55·6	55·4	55·8	55·9	56·0	56·8	56·9	56·9	**57·0**	56
16	756·6	56·7	56·5	56·4	56·3	56·7	57·2	57·4	57·5	**57·6**	57·4	57·0	56·2	55·6	**55·2**	**55·2**	55·4	55·7	55·9	56·2	56·3	56·2	56·6	56
17	756·5	56·3	56·4	56·4	56·5	56·8	56·9	57·2	57·8	**57·9**	57·7	57·3	56·4	55·6	55·0	**54·9**	55·0	55·5	55·9	56·6	56·4	56·5	56·5	56
18	756·2	56·2	56·0	55·9	56·0	55·8	55·9	56·3	**56·6**	56·4	56·0	55·7	55·3	55·0	**54·6**	54·8	55·0	55·2	55·6	55·7	55·8	55·8	55·9	56
19	755·9	56·0	55·8	55·7	55·6	55·9	56·0	**56·4**	56·2	56·2	56·0	55·5	55·0	54·8	**54·6**	54·7	54·8	55·0	55·2	55·8	56·1	56·1	56·0	55
20	755·8	55·7	**55·6**	56·0	56·1	56·2	56·6	57·2	57·3	57·2	57·0	56·6	56·2	56·0	56·2	56·2	56·6	57·0	57·4	57·7	57·8	**57·9**	**57·9**	57
21	757·8	57·7	57·9	57·9	57·8	58·0	58·4	59·2	59·5	**60·0**	59·6	58·8	58·4	57·5	57·4	**57·2**	57·5	57·8	58·0	58·7	59·0	59·0	59·2	58
22	759·0	59·2	59·2	58·8	59·0	59·3	59·5	60·0	60·1	**60·2**	60·0	59·8	59·1	58·6	57·9	57·9	**57·7**	57·8	58·1	58·2	58·5	58·7	58·4	58
23	758·3	58·2	58·1	58·0	58·0	58·0	58·1	58·6	**58·7**	58·6	58·1	57·8	57·0	56·9	56·4	56·3	**56·2**	**56·2**	56·4	56·6	56·7	56·4	56·4	56
24	**756·3**	56·0	56·0	55·7	55·4	55·4	55·5	55·7	56·1	56·0	55·8	55·2	54·7	54·3	**54·0**	54·1	54·3	54·4	54·7	54·8	55·2	55·0	54·9	54
25	755·0	55·0	54·8	54·4	54·2	54·5	54·8	55·1	55·4	**55·6**	55·4	54·7	54·2	54·0	53·8	53·7	**53·5**	53·8	54·4	54·6	54·7	54·8	54·9	54
26	754·8	54·9	54·8	54·8	54·6	54·6	54·7	55·6	**55·9**	**55·9**	55·8	55·1	54·4	53·9	**53·7**	53·8	53·8	53·8	54·1	54·3	54·4	54·6	54·7	54
27	**754·2**	54·0	53·7	53·1	52·9	53·1	53·0	53·1	53·5	53·2	52·9	52·0	51·6	50·6	50·5	50·5	**50·4**	51·0	51·3	51·6	52·0	52·2	52·1	51
28	752·0	52·1	52·0	52·0	52·0	52·1	52·6	52·8	53·2	**53·3**	53·0	52·6	51·9	51·3	51·4	**51·2**	51·4	51·6	52·1	52·4	52·6	52·7	52·8	52
29	**752·8**	52·9	52·9	53·0	53·1	53·5	53·9	54·2	54·9	**55·2**	55·0	54·6	54·4	53·5	53·9	54·0	54·2	54·4	54·6	54·8	54·8	54·9	55·0	**55**
30	755·2	54·9	55·0	54·8	54·8	55·0	55·2	55·6	55·8	**55·9**	55·3	54·6	54·4	54·0	53·7	53·6	53·7	53·9	53·8	53·6	53·8	53·6	**53·5**	53
Mean	754·68	54·65	54·59	54·52	54·49	54·66	54·90	55·29	55·51	**55·58**	55·33	54·84	54·28	53·78	53·61	**53·58**	53·68	53·93	54·20	54·59	54·71	54·74	54·78	54

Height of Barometer above Sea-level = 11
Correction for Latitude.. .. .. = —
Correction for Altitude .. .. .. = +

December, 1905. *(RICHARD BAROGRAPH.)*

HOURS OF OBSERVATION.

Date	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt
1	753·4	753·4	753·3	753·2	753·0	752·9	753·2	753·4	753·8	**753·9**	753·7	753·4	753·0	752·2	752·0	**751·7**	751·8	752·0	752·4	752·5	752·7	752·8	752·8	752·4
2	752·2	52·1	51·9	51·9	52·0	51·9	52·2	52·6	52·8	52·9	52·8	52·2	51·8	51·4	**51·2**	51·4	51·5	51·8	52·0	52·0	52·0	52·5	53·0	**53·5**
3	**754·0**	54·2	54·1	54·3	54·5	54·8	55·2	55·8	56·2	56·2	56·3	56·0	55·4	55·0	54·8	54·9	55·2	55·7	56·0	56·3	**56·5**	56·4	56·3	56·2
4	**755·3**	56·2	56·1	55·9	55·4	55·4	55·5	55·8	56·2	56·1	55·5	55·1	54·6	54·0	54·1	54·0	**53·8**	53·9	54·2	54·4	54·7	54·8	54·8	54·7
5	**754·8**	**54·8**	54·9	55·0	55·1	55·2	55·6	56·2	56·7	**56·8**	56·5	56·0	55·4	55·1	55·0	54·9	55·1	55·2	55·6	55·9	56·2	56·2	56·3	56·2
6	755·4	56·0	56·0	55·7	55·8	55·9	56·5	56·5	**56·9**	56·7	56·5	56·0	55·4	55·1	55·0	**54·8**	55·0	55·2	55·5	56·2	56·7	56·8	56·8	56·4
7	755·2	56·2	56·3	56·1	56·1	56·2	56·4	**56·9**	56·5	56·3	55·9	55·2	54·5	54·5	**54·4**	**54·4**	54·6	54·8	54·9	55·2	55·2	55·1	54·9	54·7
8	754·2	54·2	54·3	**54·4**	53·4	53·7	53·9	53·6	53·8	54·3	54·0	53·6	53·2	52·9	**52·6**	52·8	52·7	53·2	53·4	53·5	53·5	53·7	53·4	53·6
9	753·4	53·3	53·4	53·2	53·2	53·3	53·4	53·6	53·8	**54·1**	53·9	53·1	52·8	52·3	51·9	51·9	**51·7**	52·0	52·7	53·0	53·1	53·4	53·0	**53·1**
10	752·8	52·5	52·2	52·4	52·2	52·4	52·7	52·6	53·2	53·4	53·2	52·8	52·2	52·0	**51·8**	**51·8**	52·2	52·6	52·7	53·0	53·2	53·2	53·5	**53·7**
11	753·8	53·8	53·8	53·4	53·7	53·7	54·2	54·9	55·0	**55·1**	54·6	54·2	54·0	53·6	53·4	**53·1**	53·2	53·5	53·8	54·6	54·5	54·6	54·9	**54·8**
12	753·5	54·5	54·7	54·6	**54·3**	54·4	54·8	55·2	55·6	55·8	55·5	55·0	54·7	54·4	54·6	54·4	54·6	55·0	55·5	56·0	56·0	56·2	**56·4**	**56·0**
13	755·8	55·4	55·1	55·1	55·0	55·4	55·8	55·9	55·8	**56·0**	55·7	54·9	54·2	53·8	53·2	53·1	53·0	53·0	53·0	52·9	52·8	53·0	52·7	**52·6**
14	**752·3**	52·1	52·1	51·8	51·2	50·6	50·7	50·9	50·9	50·8	50·6	50·1	49·4	48·4	48·0	47·8	47·2	47·9	**46·4**	46·8	46·5	47·0	47·0	47·2
15	747·8	47·5	**47·4**	47·7	47·6	48·0	48·4	48·8	49·2	49·6	49·4	48·9	47·8	47·6	**47·4**	**47·4**	47·6	47·9	48·2	48·4	49·2	49·5	49·6	**49·7**
16	749·8	49·7	50·0	50·2	**50·1**	50·2	50·8	52·0	52·2	52·6	52·6	52·1	52·1	52·0	52·2	52·4	52·5	53·0	53·3	54·0	54·2	54·5	**54·6**	54·4
17	754·4	54·3	54·7	54·8	54·6	54·8	55·2	56·2	56·3	**56·5**	56·3	55·9	55·3	54·8	54·4	**54·2**	**54·2**	54·5	54·6	55·0	55·0	55·0	55·2	55·1
18	755·0	55·0	54·9	54·8	54·6	54·7	54·5	55·0	**55·2**	55·0	54·9	54·2	53·9	53·0	**52·9**	**52·9**	53·0	53·3	53·6	53·8	54·0	54·0	54·1	53·9
19	753·9	53·9	**53·6**	53·8	**53·6**	53·7	54·4	54·5	54·9	55·0	54·8	54·4	54·4	54·5	54·8	55·2	55·7	56·3	56·6	57·0	57·2	57·4	**57·6**	**57·6**
20	757·4	**57·3**	57·6	57·5	57·7	58·2	58·7	59·6	59·8	59·7	59·6	59·3	59·2	59·2	59·1	59·2	59·5	59·7	60·2	60·5	60·7	60·6	60·5	60·2
21	760·1	60·2	60·3	60·1	60·2	60·4	60·7	61·1	61·2	**61·4**	61·0	60·7	60·2	59·8	**59·7**	59·8	59·9	60·1	60·3	60·8	60·8	60·6	60·5	60·3
22	760·0	59·9	59·7	59·6	59·2	59·4	59·8	60·1	60·5	60·1	**60·5**	59·8	59·2	58·4	58·2	58·0	58·0	**57·9**	58·1	58·6	58·7	58·6	58·5	58·2
23	755·4	58·1	58·0	58·0	58·0	57·9	58·0	58·4	58·6	**59·0**	58·5	58·0	57·5	57·2	56·8	56·8	**56·6**	**56·6**	56·8	57·1	57·0	57·1	57·0	57·0
24	756·9	56·7	56·4	56·5	56·3	56·4	56·7	57·0	57·2	57·4	57·2	56·9	56·5	56·2	**55·9**	56·0	56·0	56·4	56·8	57·2	57·3	57·4	**57·6**	57·5
25	757·4	57·5	57·6	57·6	57·4	57·7	57·8	58·2	58·4	**58·6**	58·4	57·5	57·2	57·0	**56·9**	57·0	57·2	57·5	57·7	58·1	58·2	58·3	58·4	58·3
26	**758·4**	58·5	58·6	58·7	58·6	58·9	59·3	60·0	60·2	60·5	60·4	60·0	59·6	59·5	59·6	59·8	60·0	60·3	60·4	60·6	61·0	61·1	61·2	**61·3**
27	761·1	61·2	61·2	61·1	61·0	61·2	61·4	62·0	**62·2**	**62·2**	62·0	61·3	60·8	60·4	60·2	60·2	**60.0**	60·4	60·5	60·8	60·9	60·9	60·8	60·6
28	759·8	**59·9**	59·8	59·8	59·8	59·8	59·7	59·6	59·7	59·5	59·4	58·6	58·2	**57·5**	**57·5**	57·6	**57·5**	57·6	57·9	58·0	58·1	58·1	57·9	57·8
29	**757·7**	57·6	57·4	57·2	57·1	57·2	57·3	57·4	57·6	57·7	57·2	56·8	56·6	56·2	56·2	56·1	**56·0**	56·1	56·2	56·4	56·4	56·5	56·5	56·3
30	756·3	56·3	56·5	56·4	56·1	56·6	56·4	56·6	57·5	**57·7**	57·2	56·8	56·5	**56·2**	56·3	56·5	56·4	56·5	56·4	56·5	56·5	56·4	56·5	**56·2**
31	**756·0**	55·9	55·7	55·9	55·3	55·2	55·4	55·8	55·5	55·4	55·3	54·2	53·7	**53·3**	53·6	53·6	53·4	53·5	53·6	53·8	53·9	53·9	53·7	53·8
Mean	755·48	55·43	55·41	55·38	55·23	55·36	55·63	56·01	56·23	**56·34**	56·11	55·60	55·14	54·76	**54·64**	**54·64**	54·68	54·92	55·14	55·45	55·57	55·66	55·68	55·59

Barometric Pressure

(in millimetres).

MONTHLY MEANS FOR EVERY HOUR.

Month.	Hours of observation. 1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
Dec. 1904.	755·36	755·32	755·26	755·12	755·13	755·36	755·65	755·88	756·19	**756·30**	756·06	755·52	754·87	754·59	**754·47**	754·59	754·75	755·10	755·43	755·64	755·73	755·86	755·83	755·66	755·40
Jan. 1905.	755·62	55·61	55·50	55·39	55·35	55·63	55·96	56·26	56·75	**56·78**	56·59	55·87	55·23	54·94	**54·83**	54·84	54·94	55·16	55·41	55·62	55·76	55·78	55·79	55·66	55·64
February .	756·08	55·95	55·84	55·74	55·89	56·13	56·34	56·66	56·94	**57·04**	56·81	56·32	55·69	55·31	55·09	**55·05**	55·18	55·35	55·67	55·85	56·04	56·05	56·05	56·09	55·96
March....	751·96	51·75	51·50	51·47	51·63	51·83	52·09	52·37	52·73	**52·87**	52·69	52·32	51·86	51·34	50·98	**50·84**	50·89	51·09	51·37	51·80	52·03	52·09	52·06	52·02	51·82
April.....	752·31	52·11	51·87	51·85	51·97	52·22	52·47	52·64	52·85	**52·92**	52·73	52·40	52·00	51·51	51·16	**51.01**	**51·01**	51·11	51·32	51·63	52·08	52·20	52·28	52·25	51·99
May.....	750·89	50·70	50·58	50·63	50·73	50·83	51·09	51·22	51·34	51·35	51·18	50·88	50·55	50·14	49·87	49·62	**49·60**	49·74	50·16	50·58	50·99	51·31	**51·39**	51·26	50·69
June	750·48	50·26	50·19	50·19	50·28	50·49	50·77	**50·87**	50·84	50·76	50·68	50·42	50·04	49·78	49·51	49·28	**49·19**	49·38	49·65	50·07	50·44	50·72	50·73	50·61	50·23
July.....	748·06	47·91	47·90	47·85	47·91	48·11	48·32	**48·42**	48·39	48·36	48·20	47·98	47·68	47·35	47·18	47·00	**46·90**	46·97	47·21	47·53	48·03	48·31	48·32	48·22	47·84
August....	748·28	48·11	48·00	47·99	48·09	48·24	48·45	48·61	**48·71**	48·66	48·49	48·15	47·78	47·46	47·16	46·99	**46·91**	46·98	47·32	47·77	48·26	48·46	48·47	48·40	47·99
September.	749·77	49·66	49·55	49·57	49·67	49·80	50·05	50·30	**50·36**	50·33	50·07	49·73	49·33	48·97	48·68	**48·59**	48·61	48·77	49·09	49·50	49·83	49·96	50·00	49·95	49·59
October ..	752·34	52·24	52·18	52·17	52·25	52·40	52·65	52·96	**53·09**	53·00	52·70	52·30	51·85	51·41	51·16	**51·07**	51·18	51·41	51·72	52·17	52·42	52·56	52·51	52·51	52·18
November.	754·68	54·65	54·59	54·52	54·49	54·66	54·90	55·29	55·51	**55·58**	55·33	54·84	54·28	53·78	53·61	**53·58**	53·68	53·93	54·20	54·59	54·74	54·74	54·78	54·72	54·57
December.	755·48	55·43	55·41	55·38	55·23	55·36	55·63	56·01	56·23	**56·34**	56·11	55·60	55·14	54·76	**54·64**	**54·64**	54·68	54·92	55·14	55·45	55·57	55·66	55·68	55·59	55·42
Mean Civil Year	752·16	52·03	51·93	51·90	51·96	52·14	52·39	52·63	52·81	**52·83**	52·63	52·23	51·79	51·40	51·16	**51·04**	51·06	51·23	51·52	51·88	52·18	52·32	52·34	52·27	51·99
Mean Meteor. ,,	752·15	52·02	51·91	51·87	51·95	52·14	52·40	52·62	52·81	52·83	52·63	52·23	51·76	51·38	51·14	51·04	51·07	51·24	51·55	51·90	52·20	52·34	52·35	52·28	51·99

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
Dec. 1904.	—0·04	—0·08	—0·14	—0·28	—0·27	—0·04	+0·25	+0·48	+0·79	+0·90	+0·66	+0·12	—0·53	—0·81	—0·93	—0·81	—0·65	—0·30	+0·03	+0·24	+0·33	+0·46	+0·43	+0·26	..
[illegible] 1905.	—0·02	—0·03	—0·14	—0·25	—0·29	—0·01	+0·32	+0·62	+1·11	+1·14	+0·95	—0·23	—0·41	—0·70	—0·81	—0·80	—0·70	—0·48	—0·23	—0·02	+0·12	+0·14	+0·15	+0·02	..
[illegible]y .	+0·12	—0·01	—0·12	—0·22	—0·07	+0·17	+0·38	+0·70	+0·98	+1·08	+0·85	+0·36	—0·27	—0·65	—0·87	—0·91	—0·78	—0·61	—0·29	—0·11	+0·08	+0·09	+0·09	+0·13	..
[illegible] ..	+0·14	—0·07	—0·32	—0·35	—0·19	+0·01	+0·27	+0·55	+0·91	+1·05	+0·87	+0·50	+0·04	—0·48	—0·84	—0·98	—0·93	—0·73	—0·45	—0·02	+0·21	+0·27	+0·24	+0·20	..
[illegible] ..	+0·32	+0·12	—0·12	—0·14	—0·02	+0·23	+0·48	+0·65	+0·86	+0·93	+0·71	+0·41	+0·01	—0·48	—0·83	—0·98	—0·98	—0·88	—0·67	—0·36	+0·09	+0·21	+0·29	+0·26	..
[illegible] ..	+0·20	+0·01	—0·11	—0·06	+0·04	+0·14	+0·40	+0·53	+0·65	+0·66	+0·49	+0·19	—0·14	—0·55	—0·82	—1·07	—1·09	—0·95	—0·53	—0·11	+0·30	+0·62	+0·70	+0·57	..
[illegible] ..	+0·25	+0·03	—0·04	—0·04	+0·05	+0·26	+0·54	+0·64	+0·61	+0·53	+0·45	+0·19	—0·19	—0·45	—0·72	—0·95	—1·04	—0·85	—0·58	—0·16	+0·21	+0·49	+0·50	+0·38	..
[illegible] ..	+0·22	+0·07	+0·06	+0·01	+0·07	+0·27	+0·48	+0·58	+0·55	+0·52	+0·36	+0·14	—0·16	—0·49	—0·66	—0·84	—0·94	—0·87	—0·63	—0·31	+0·19	+0·47	+0·48	+0·38	..
[illegible]ust ...	+0·29	+0·12	+0·01	0·00	+0·10	+0·25	+0·46	+0·62	+0·72	+0·67	+0·50	+0·16	—0·21	—0·53	—0·83	—1·00	—1·08	—1·01	—0·67	—0·22	+0·27	+0·47	+0·48	+0·41	..
September.	+0·18	+0·07	—0·04	—0·02	+0·08	+0·21	+0·46	+0·71	+0·77	+0·74	+0·48	+0·14	—0·26	—0·62	—0·91	—1·00	—0·98	—0·82	—0·50	—0·09	+0·24	+0·37	+0·41	+0·36	..
October...	+0·16	+0·06	0·00	—0·01	+0·07	+0·22	+0·47	+0·78	+0·91	+0·82	+0·52	+0·12	—0·33	—0·77	—1·02	—1·11	—1·00	—0·77	—0·46	—0·01	+0·24	+0·38	+0·33	+0·33	..
November.	+0·11	+0·08	+0·02	—0·05	—0·08	+0·09	+0·33	+0·72	+0·94	+1·01	+0·76	+0·27	—0·29	—0·79	—0·96	—0·99	—0·89	—0·64	—0·37	+0·02	+0·17	+0·17	+0·21	+0·15	..
December.	+0·06	+0·01	—0·01	—0·04	—0·19	—0·06	+0·21	+0·59	+0·81	+0·92	+0·69	+0·18	—0·28	—0·66	—0·78	—0·78	—0·74	—0·50	—0·28	+0·03	+0·15	+0·24	+0·26	+0·17	..
Mean Civil Year	+0·17	+0·04	—0·07	—0·10	—0·04	+0·15	+0·40	+0·64	+0·82	+0·84	+0·64	+0·24	—0·21	—0·60	—0·84	—0·95	—0·93	—0·76	—0·47	—0·11	+0·19	+0·33	+0·34	+0·28	..
Mean Meteor. ,,	+0·16	+0·03	—0·08	—0·12	—0·04	+0·15	+0·40	+0·63	+0·82	+0·84	+0·64	+0·24	—0·23	—0·61	—0·85	—0·95	—0·92	—0·74	—0·45	—0·10	+0·20	+0·34	+0·36	+0·29	..

Temperature (C°).

Eye Observations

HELWAN OBSERVATORY.

Height above ground, 2 metres.

January, 1905.

Days of Month	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean
1	7·4	13·8	15·4	13·6	12·2	20·0	6·4	10·4
2	10·8	17·0	19·0	17·8	14·8	19·6	7·1	12·9
3	4·6	17·4	21·8	18·8	15·2	22·0	4·3	11·5
4	7·0	15·8	20·4	18·5	14·6	21·0	6·5	12·1
5	8·9	11·8	13·6	14·2	13·6	15·1	6·7	10·7
6	11·1	13·8	15·2	10·2	12·2	16·0	8·8	11·8
7	9·5	14·8	16·2	14·8	11·5	17·0	6·7	11·0
8	6·8	11·6	16·2	14·0	10·3	17·1	4·7	9·5
9	8·4	12·0	15·8	14·4	11·2	17·2	6·4	10·4
10	8·8	13·2	16·2	15·0	13·0	17·1	6·5	11·1
11	5·8	10·4	14·0	13·2	10·2	15·4	4·5	8·6
12	7·4	11·6	16·0	14·9	12·6	17·8	4·3	10·1
13	9·0	12·8	16·8	14·8	12·8	18·5	6·8	11·4
14	5·6	11·6	15·6	14·6	11·0	16·7	4·4	9·2
15	8·2	12·6	16·4	14·4	11·6	17·4	5·6	10·4
16	8·0	12·6	16·8	14·8	12·4	17·6	5·0	10·6
17	8·0	14·0	14·1	13·8	11·8	15·5	6·9	10·2
18	8·2	14·2	15·2	14·1	11·6	15·7	7·7	10·7
19	9·8	15·2	17·0	16·1	12·5	18·2	8·0	11·8
20	7·2	14·1	20·6	18·6	14·6	26·6	6·3	12·2
21	10·8	15·2	19·4	18·0	13·0	20·2	7·0	12·6
22	6·0	11·0	14·6	14·1	9·8	15·4	4·2	8·6
23	7·0	14·8	14·8	12·4	9·6	17·4	5·4	9·2
24	8·1	11·1	12·7	10·2	9·4	13·4	6·0	9·0
25	6·6	10·6	12·1	11·2	8·4	12·4	3·5	7·6
26	4·6	11·4	12·6	11·9	9·3	15·5	1·9	7·1
27	6·2	12·4	15·7	13·8	11·2	17·7	4·4	9·4
28	7·1	14·6	18·6	17·2	14·0	19·6	4·4	11·0
29	7·0	12·7	15·8	14·3	11·2	18·9	6·2	10·0
30	7·4	10·7	14·4	14·2	10·8	17·7	3·9	9·1
31	8·8	12·2	14·8	13·9	9·5	17·0	5·5	9·6
Mean	7·74	13·13	16·06	14.57	11·80	17·64	5·68	10·32

February, 1905.

Days of Month	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean
1	5·3	9·2	13·1	14·0	12·1	15·5	4·1	8·6
2	7·6	12·6	16·3	16·4	12·4	18·8	5·2	10·4
3	10·4	14·8	18·3	16·4	13·4	18·9	7·2	12·3
4	8·5	13·6	18·0	16·2	11·0	18·5	6·6	11·0
5	7·8	14·2	14·1	11·4	10·6	16·2	6·6	9·8
6	8·8	12·4	16·2	14·6	12·4	17·3	7·0	11·1
7	9·7	13·2	16·0	15·2	11·6	17·6	5·6	10·7
8	7·0	10·5	10·0	10·1	9·2	12·4	5·6	8·0
9	6·4	8·4	14·6	13·4	11·2	15·8	6·0	9·6
10	8·3	15·2	16·9	14·3	11·7	18·2	5·2	10.5
11	7·8	10·6	14·4	13·2	10·5	15·4	6·3	9·8
12	7·6	13·6	16·6	14·8	11·5	18·3	3·7	9·8
13	9·0	15·1	18·1	17·4	14·6	18·8	5·0	11·7
14	11·8	15·8	17·5	17·0	12·6	18·2	8·4	12·6
15	10·2	13·4	17·4	15·4	13·0	18·4	8·4	12·2
16	7·6	12·5	14·5	13·4	11·4	16·5	6·5	10·0
17	8·6	12·2	13·7	13·2	10·5	15·1	3·8	9·2
18	5·6	12·0	15·0	14·6	10·8	16·1	3·8	8·8
19	8·9	13·4	17·5	15·5	13·1	18·6	4·7	11·0
20	10·8	13·9	14·9	13·4	12·3	15·7	8·2	11·6
21	8·0	15·2	16·4	15·6	12·9	17·5	4·0	10·3
22	8·6	15·8	18·4	17·2	14·0	19·6	7·5	12·1
23	12·2	16·6	19·4	18·0	13·4	20·2	9·2	13·6
24	11·0	16·6	19·2	17·7	13·1	20·9	8·5	13·0
25	13·5	19.5	23·8	22·3	14·8	26·1	8·4	15·1
26	10·3	17·2	22·8	22·2	17·8	24·0	5·5	14·1
27	10.4	16·8	20·4	20·1	17·0	22·7	6·5	13·6
28	12.8	18·7	19·8	19·6	15·9	21.0	8·9	14·4
Mean	9·09	14·04	16·90	15·81	12·67	18.30	6·30	11·25

March, 1905.

Days of Month	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean
1	12·4	18·2	18·9	19·6	16·8	21·8	6·6	13·7
2	11·4	18·7	18·8	18·4	15·9	21·5	9·5	13·9
3	9·9	18·3	23·1	22·3	18·4	25·0	7·9	14·8
4	18·8	23·6	25·5	24·0	23.2	28·0	10·2	19·4
5	14·0	16·2	19·0	17·5	14·1	20·0	13·5	15·2
6	10·3	14·7	15·2	14·9	13·6	17·9	6·5	11·4
7	12·0	12·8	13·4	12·6	11·2	13·9	9·7	11·6
8	9·3	16·0	18·4	17·0	13·8	19·1	6·4	12·0
9	11·3	17·3	18·4	19·1	14·6	21·0	8·2	13·1
10	13·2	19·6	21·1	20·1	16·5	22·6	8·3	14·8
11	13·2	18·4	19·5	17·4	13·9	20·2	7·2	13·4
12	10·8	16·3	18·1	17·0	13·4	20·4	6·7	12·2
13	9·6	17·0	17·8	17·6	14·0	20·0	7·3	12·2
14	11·4	15·2	18·2	17·4	14·2	19·7	6·0	12·4
15	9·9	16·8	18·1	18·1	15·1	19·9	7·5	12·6
16	11·9	20·2	21·4	20·4	18·2	24·3	7·9	14·8
17	18·2	22·5	24·3	23·9	18·2	27·0	11·8	18·1
18	14·2	20·1	24·9	24·0	20·8	25·9	8·3	17·0
19	14·7	18·8	22·6	20·6	16·2	23·0	13·5	16·8
20	14·3	19·4	22·5	22·3	17·1	23·2	9·0	15·7
21	12·4	17·3	14·8	14·0	11·8	19·5	10·9	12·5
22	11·4	15·6	17·2	16·8	12·6	18.7	8·8	12·5
23	9·2	15·6	19·1	18·1	14·3	19·4	7·2	12·4
24	13·4	18·8	23·1	21·7	17·7	24·0	8·6	15·7
25	15·8	26·6	30·7	29·8	26·7	31·7	13·3	21·6
26	26·2	30·1	33·5	31·5	27·6	35·6	15·6	25·7
27	15·8	20·2	23·4	23·0	19·8	24·0	15·0	18·5
28	14·1	19·8	21·4	20·4	16·4	22·6	10·6	15·6
29	13·3	19·2	22·2	20·3	17·5	23·2	10·5	15·9
30	15·1	22·1	23·6	22·7	19·2	25·9	10·7	17·2
31	16·5	21·0	19·9	11·7	12·4	22·0	11·2	15·0
Mean	13·35	18·92	20·91	19·81	16·62	22·61	9·50	15·09

NOTE.—The daily mean Temperature is deduced from the formula $\frac{8+2+8+\text{Min.}}{4}$

April, 1905.

Days of Month	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean
1	12·3	17·4	17·2	16·6	14·6	19·3	10·5	13·6
2	12·4	18·4	21·6	19·8	16·7	22·8	9·4	15·0
3	13·8	20·2	22·2	21·6	17·6	23·4	8·9	15·6
4	15·6	21·2	23·0	23·2	19·9	24·2	8·6	16·8
5	18·4	24·4	25·6	25·4	21.8	27·8	12·7	19·6
6	17·6	26·0	28·6	26·8	23·0	29·8	11·7	20·2
7	18·5	27·5	31·8	31·2	25·4	33·1	15·5	22·8
8	21·2	29·6	33·0	26·2	21·4	35·1	19·2	23·7
9	16·0	23·2	25·6	24·2	21·6	27·0	11·7	18·7
10	16·8	23·7	26·4	25·8	19·2	28·1	11·4	18·4
11	16·0	24·4	26·0	23·8	17·8	28·4	11·4	17·8
12	16·8	26·2	30·0	30·6	25·8	31·6	13·9	21·6
13	18·2	31·2	33·8	33·4	28·0	36·2	14·2	23·6
14	16·6	21·4	24·8	25·0	20·0	27·4	15·2	19·2
15	17·8	24·6	26·8	25·4	20·4	28·4	12·8	19·4
16	19·0	22·7	24·8	24·4	20·8	26·3	12·6	19·3
17	18·2	25·6	27·0	27·2	22·2	27·9	14·2	20·4
18	18·6	30·2	35·0	33·2	28·4	36·8	14·4	24·1
19	27·2	34·0	37·1	36·8	28·4	39·1	18·5	27·8
20	25·8	34·7	39·2	35·4	25·8	41·1	16·2	26·8
21	26·0	35·8	40·2	38·3	31·4	41·7	21·4	30·5
22	31·8	36·4	39·7	38·8	34·0	42.3	25·8	32·8
23	27·0	26·6	25·8	23·2	20·8	27·9	26·3	25.0
24	17·0	21·0	21·6	20·1	19·2	22·9	15·9	18·4
25	15·6	19·8	21·6	21·7	17·4	23·4	10·2	16.2
26	16·1	20·6	21·6	22·2	18·4	23·8	10·0	16·5
27	17·4	18·6	22·0	22·5	17·6	23·4	12·0	17·2
28	15·2	20·0	21·9	22·1	19·4	23·8	9·7	16·6
29	17·0	23·6	26·4	25·2	22·8	28·5	12·8	19·8
30	21·2	29·8	31·4	30·2	27·2	32·5	11.8	22·9
31								
Mean	18·70	25·29	27·72	26·68	22·33	29·47	13·96	20·68

May, 1905.

Days of Month	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean
1	17·6	21·9	24·0	22·4	18·3	25·4	15·0	18·7
2	15·2	20·9	22·8	24·1	20·2	25·2	11·6	17·4
3	17·2	20·4	23.3	24·0	18·4	26·0	13·0	18·0
4	16·2	20·8	24.3	24·0	19·4	25·6	12·5	18·1
5	16·8	21·4	25.4	24·8	20·4	26·9	12·2	18·7
6	16·4	22·2	24·4	25·0	20·5	25·7	12·0	18·3
7	16·4	20·4	23·6	24·2	19·4	26·1	11·1	17·6
8	16·8	21·4	23·4	23·8	20·4	25·4	12·1	18·2
9	18·2	22·0	26·4	25·4	20·6	27·9	14·0	19·8
10	22·0	28·0	31·3	29·4	22·8	32·9	13·9	22·5
11	24·4	30·8	33·6	30·8	25·2	34·2	17·9	25·3
12	26·4	35·0	37·4	35·2	29·8	40·4	17·3	27·7
13	23·4	35·4	40·6	40·2	34·6	42·1	17·5	29·0
14	27·2	33·6	39·2	36·4	30·6	40·4	20·4	29·4
15	26·4	34·0	35·6	33·7	27·6	37·4	24·4	28·5
16	24·0	31·6	34·6	33·6	26·8	36·1	19·7	26·3
17	23·4	32·6	35·0	34·2	29·0	37·0	17·9	26·3
18	28·0	33·8	35·2	34·8	29·3	36·8	20·2	28·2
19	25·2	32.5	34·8	33·6	29·6	35·4	19·5	27·3
20	24·8	32·8	36·4	35·2	30·6	37·8	20·4	28·0
21	27·4	30·8	32·8	33·4	27·7	35·7	22·6	27·6
22	23·6	30·8	31·8	31·4	28·2	33·4	17·2	25·2
23	23·2	32·6	34·8	33·8	29·2	36·8	17·3	26·1
24	30·4	37·8	39·0	38·0	33·1	41·4	20·8	30·8
25	25·0	37·4	39·5	38·4	32·8	40·4	19·2	29·1
26	29·6	38·8	40·6	39·8	30·4	43·0	24·3	31·2
27	22·6	29·4	32·2	32·4	25·2	34·1	19·6	24·9
28	20·7	26·8	29·8	30·4	25·2	31·4	17·5	23·3
29	21·2	29·4	32·6	32·6	27·8	33·9	18·2	25·0
30	29·6	37·2	40·2	39·8	30·8	43·8	20·8	30·4
31	28·8	35·5	38·2	32·0	25·8	39·6	23·5	29·1
Mean	22·84	29·61	32·35	31·51	26.12	34·14	17·54	24·71

June, 1905.

Days of Month	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean
1	24·4	30·0	32·4	32.0	25·0	33·7	20·0	25·4
2	27·6	30·6	32·8	31.0	25·2	33·4	20·1	26·4
3	26·6	29·4	31·0	29·8	24·6	32·4	21·1	25·8
4	24·2	28·8	30·0	29·8	24·2	31·4	18·5	24·2
5	22·6	28·4	30·6	30·8	26·2	32·6	17·9	24·3
6	25·1	31·8	32·8	32·0	27·2	34·2	19·2	26·1
7	28·8	32·8	33·2	32.8	26·8	35·4	18·7	26·9
8	23·8	31·4	31·4	30·7	26·2	32·5	19·8	25·3
9	22·0	27·4	31·4	32·7	29·7	33·7	18·5	25·4
10	26·9	34·1	39·0	36·4	29·5	40·1	21·2	29·2
11	22·1	29·9	35·1	34·0	30·6	36·7	17·3	26·3
12	28·6	37·6	41·2	35·2	28·4	42·6	22·0	30·0
13	21·9	26·3	29·2	29·0	24·5	31·2	19·0	23·6
14	22·8	29·5	34·1	34·2	29·9	35·5	16·8	25·9
15	27·7	36·0	40·6	37.4	30·6	41·8	23·5	30·6
16	23·4	29·5	32·2	31·8	26·6	33·6	20·5	25·7
17	21·7	26·9	29·6	30·4	26·1	32·0	17·1	23·6
18	22·2	26.2	30 9	30·1	25·5	32·0	16·9	23·9
19	21·4	26·6	29·6	29·8	26·8	31·7	17·5	23·8
20	23·6	28·8	31·6	32·6	29·9	34·0	18·2	25·8
21	30·6	35·0	38·9	38.4	34·2	40·8	23·6	31·8
22	25·2	33·2	36·4	35·3	29·4	38·4	22·5	28·4
23	26·4	33·0	33·6	33·6	28·5	35·1	21·2	27·4
24	24·6	30·2	32·8	33·4	28·8	35·0	20·1	26·6
25	23·4	28·7	31·9	32·7	28·4	33·4	19·0	25·7
26	23·6	29·7	33·3	33·8	28·5	35·0	19·3	26·3
27	23·9	30·2	34·1	34·3	28·5	35·3	21·0	26·9
28	23·2	28·1	32·6	32·0	27·2	34·0	19·3	25·6
29	23·1	28·8	31·8	32·6	28·6	33·7	19·6	25·8
30	23·8	29·8	33·3	33·9	29·2	35·1	20·6	26·7
31								
Mean	24·51	30·29	33·25	32·75	27.83	34·88	19·68	26·31

NOTE.—The daily mean Temperature is deduced from the formula $\frac{8+2+8+\text{Min.}}{4}$

Temperature (C°).

(Mercury Thermometer.)

HELWAN OBSERVATORY.

Height above ground, 2 metres.

Days of Month.	July, 1905.								August, 1905.								September, 1905.							
	Hours of Observation.								Hours of Observation.								Hours of Observation.							
	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean
1	**24·5**	**30·8**	**33·8**	**34·0**	**30·2**	35·2	21·0	27·4	24·9	29·8	34·2	33·2	30·4	35·2	21·4	27·7	23·3	30·1	35·1	35·6	29·3	37·0	20·6	27·1
2	**26·2**	**31·4**	**33·8**	**34·6**	**31·2**	36·1	21·0	28·0	24·2	28·8	32·0	33·1	29·3	34·1	21·3	26·7	24·3	30·1	35·2	34·8	29·2	36·4	22·2	27·7
3	**26·0**	**32·2**	**34·2**	**34·2**	**29·8**	35·8	21·0	27·8	24·7	29·7	34·1	34·0	31·3	36·0	22·0	28·0	24·4	30·1	33·4	33·0	28·6	34·4	22·0	27·1
4	**28·8**	**31·2**	**34·3**	**34·6**	32·0	35·8	20·6	27·7	25·2	30·4	35·3	35·0	30·6	36·9	23·0	28·5	24·5	30·4	32·6	32·4	29·1	33·4	20·7	26·7
5	**27·7**	**34·7**	**35·6**	**34·4**	31·0	37.7	21·4	28·9	27·0	34·8	35·7	36·8	32·0	37·8	22·7	29·4	26·3	31·2	32·7	32·7	28·0	33·7	21·8	27·2
6	25·6	31·8	34·4	**34·2**	30·6	36·4	22·2	28·2	26·8	33·2	35·0	34·6	30·6	36·4	23·2	28·9	23·5	28·4	32·0	31·2	28·8	33·2	20·4	26·2
7	23·8	30·0	33·9	34·6	31·4	35·4	20·4	27·4	24·6	31·1	35·0	35·8	30·4	36·6	22·6	28·0	23·0	28·8	31·5	30·5	26·6	32·6	19·5	25·2
8	27·1	31·4	33·2	34·4	31·6	35·4	21·4	28·3	26·1	32·4	34·7	35·8	30·8	36·8	20·4	28·0	25·1	29·4	33·0	31·1	26·5	33·4	21·9	26·6
9	25·6	31·5	34·6	34·8	31·0	35·8	20·8	28·0	25·0	29·4	32·5	31·3	29·4	34·8	23·1	27·5	26·2	31·8	34·8	32·7	27·8	35·7	21·4	27·6
10	25·6	33·4	35·9	35·4	32·0	37·1	20·3	28·4	24·6	30·7	33·6	33·7	29·4	35·4	22·9	27·6	24·2	30·4	32·8	31·7	27·4	34·1	20.5	26·2
11	27·7	35·5	37·2	36·2	33·0	39·0	22·0	30·0	25·3	31·2	32·5	33·2	27·0	35·0	22·4	26·8	23·0	29·0	31·6	30·4	26·6	32·6	20·7	25·5
12	27·0	32·8	34·7	34·6	30·8	36·5	23·3	29·0	24·8	29·4	32·4	31·6	28·2	33·5	21·2	26·6	22·2	27·2	29·8	29·6	27·0	30·8	19·6	24·6
13	26·8	30·0	32·2	32·6	28·8	36·7	21·2	27·2	24·6	29·7	33·2	33·8	29·0	34·8	21·1	27·0	21·8	27·2	30·8	30·8	26·6	32·2	19·0	24·6
14	23·8	29·6	32·3	33·8	28·8	35·1	20·5	26·4	24·8	31·2	34·8	34·4	31·0	35·6	22·7	28·3	23·2	26·8	31·2	31·0	26·6	32·4	20·1	25·3
15	25·2	30·9	34·2	35·0	30·6	36·4	21·9	28·0	27·0	33·0	34·2	33·6	31·0	35·8	21·0	28·3	22·0	27·1	32·2	31·9	26·9	33·1	18·2	24·8
16	26·2	32·2	34·9	34·1	30·1	35·4	21·0	28·0	24·3	30·6	33·8	34·0	29·8	35·5	20·9	27·2	23·2	29·2	33·2	32·8	29·9	34·5	20·8	26·8
17	23·9	30·3	34·2	34·6	31·0	36·4	20·6	27·4	24·6	29·2	32·8	32·2	27·9	34·3	20·7	26·5	24·8	30·5	34·0	33·5	27·4	35·7	22·2	27·1
18	27·4	36·8	38·6	38·1	34·7	40·4	23·0	30·9	24·0	29·0	32·2	32·3	27·8	33·6	20·4	26·1	24·4	31·0	33·2	31·5	28·5	33·4	20·5	26·6
19	27·2	32·2	35·2	34·2	29·4	37·2	24·1	29·0	24·2	27·8	31·4	31·9	27·8	33·0	20·4	26·0	24·3	29·7	32·6	31·8	27·4	33·0	20·8	26·3
20	24·6	29·2	31·8	33·2	29·8	34·4	21·0	26·8	23·6	28·8	32·7	32·9	28·8	34·4	21·2	26·6	22·4	28·2	30·4	29·6	26·9	31·2	20·4	25·0
21	24·8	29·4	32·9	33·8	29·0	34·6	21·2	27·0	24·0	31·4	35·0	35·0	29·6	36·6	20·9	27·4	24·6	30·8	32·8	30·7	27·0	34·0	21·7	26·5
22	25·1	29·1	33·4	33·8	30·4	35·2	21·4	27·6	25·4	30·8	34·1	33·4	30·5	35·6	20·7	27·7	24·1	30·0	32·8	31·4	26·9	33·7	21·8	26·4
23	25·2	28·8	33·3	34·6	30·6	35·8	22·5	27·9	24·6	29·6	31·2	31·3	28·6	33·0	21·8	26·6	24·2	29·4	32·3	31·2	26·2	33·7	21·6	26·1
24	24·8	30·7	34·2	34·8	30·2	36·4	22·0	27·8	23·8	28·0	30·6	31·7	28·4	33·0	21·7	26·1	21·8	28·1	30·9	29·6	25·7	31·8	19·6	24·5
25	24·0	30·4	34·0	34·3	31·2	35·9	21·2	27·6	23·8	28·2	32·2	31·9	29·2	33·3	21·7	26·7	21·8	28·8	31·4	29·7	26·3	32·0	18·8	24·6
26	23·7	30·3	34·2	35·2	30·2	36·0	19·0	26·8	23·6	29·7	33·2	32·0	29·2	34·5	20·2	26·6	22·1	26·1	28·6	28·2	25·2	29·4	17·9	23·4
27	23·0	29·2	33·3	34·6	30·9	35·2	20·4	26·9	24·2	30·0	32·5	33·0	29·4	34·6	20·5	26·6	22·0	28·6	29·2	28·7	25·4	30·6	17·5	23·5
28	26·1	32·3	34·0	34·3	29·8	35·6	21·1	27·8	23·3	29·9	33·9	33·6	30·0	35·5	20·6	27·0	21·8	29·1	29·6	29·5	26·6	31·3	18·5	24·1
29	27·8	33·6	35·5	36·0	32·6	37·9	22·0	29·5	22·3	29·3	34·5	34·6	31·0	35·8	18·8	26·6	22·8	30·4	31·9	30·1	26·9	33·0	19·6	25·3
30	29·2	32·2	34·3	34·2	29·8	36·6	23·6	29·2	23·0	29·7	31·4	33·2	31·0	35·5	20·5	27·2	24·5	32·4	33·5	31·3	26·9	35·0	21·5	26·6
31	25·4	30·2	33·9	32·6	28·7	35·1	22·4	27·6	22·2	31·1	35·0	34·3	29·9	35·8	20·4	26·9								
Mean	25·64	31·42	34·26	34·51	30.68	36·21	21·47	28·02	24·53	30·25	33·51	33·46	29·65	35·12	21·35	27·26	23·53	29·34	32·17	31·30	27·27	33·24	20·39	25·84

NOTE.—The daily mean Temperature is deduced from the formula $\frac{8+2+8+\text{Min.}}{4}$

Days of Month.	October, 1905.								November, 1905.								December, 1905.							
	Hours of Observation.								Hours of Observation.								Hours of Observation.							
	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Max.	Min.	Mean
1	24·5	30·6	32·3	31·2	25·9	33·7	21·5	26·6	19·3	24·0	27·2	24·7	21·4	27·8	15·2	20·8	15·2	19·1	22·4	20·4	17·6	24·9	12·2	16·8
2	**24·0**	**31·8**	**33·3**	30·7	27·5	33·6	20·4	26·3	19·4	24·6	26·5	24·9	21·5	27·9	15·5	20·7	16·1	19·6	23·4	20·4	19·2	24·0	11·9	17·6
3	**28·0**	**34·6**	**35·6**	33·3	29·6	36·7	21·2	28·6	20·4	23·8	25·9	23·7	20·7	27·0	15·7	20·7	13·7	17·4	19·8	16·6	13·5	20·3	9·5	14·1
4	[illegible]	**35·6**	**37·8**	35·2	27·4	38·6	23·5	29·3	20·4	24·6	27·0	24·1	20·9	28·0	18·2	21·6	10·4	17·7	21·1	18·4	15·0	22·1	9·6	14·0
5	[illegible]	**32·1**	**35·2**	31·7	27·4	35·6	20·5	26·7	20·7	25·4	28·1	25·6	21·4	29·0	18·4	22·2	14·3	17·3	21·2	19·2	15·8	22·5	10·0	15·3
6	25·[illegible]	**30·6**	**31·1**	28·8	25·8	32·3	21·8	25·6	20·2	24·8	27·8	25·7	21·8	28·6	17·5	21·8	12·5	20·8	21·6	20·2	17·8	22·1	9·0	15·2
7	**23·7**	**27·8**	**29·0**	27·4	24·4	30·3	20·2	24·3	20·2	25·4	27·8	25·9	21·3	28·7	17·4	21·7	16·2	21·0	22·9	21·3	18·1	23·8	14·4	17·9
8	**22·2**	**27·3**	**30·2**	27·8	24·0	30·4	19·9	24·1	20·0	25·8	27·5	25·4	20·8	28·6	17·2	21·4	16·9	21·5	22·9	21·1	17·7	23·5	14·4	18·0
9	21·6	28·7	30·2	28·5	26·6	31·4	18·5	24·2	19·2	26·2	29·2	25·7	21·1	30·1	16·8	21·6	16·8	19·9	21·7	20·3	17·4	22·2	15·9	18·0
10	25·4	30·6	33·1	31·8	26·4	33·8	21·5	26·6	18·2	27·0	32·4	28·3	22·6	34·2	17·3	22·6	13·6	17·6	19·8	19·0	17·0	21·0	11·5	15·5
11	25·4	33·0	35·1	33·3	26·1	36·4	22·0	27·2	15·9	26·2	30·2	27·4	23·0	31·4	13·5	20·6	13·0	19·3	19·3	18·5	17·4	20·6	10·5	15·0
12	25·1	32·2	35·5	33·2	26·9	36·4	21·8	27·3	19·4	22·8	27·4	25·4	23·7	28·8	15·2	21·4	14·6	19·6	21·2	19·8	16·8	21·7	13·3	16·5
13	26·1	36·4	36·8	35·1	28·8	37·7	21·3	28·2	20·2	22·4	26·2	23·4	20·1	27·8	19·2	21·4	13·6	17·3	21·0	19·4	15·7	22·1	10·8	15·3
14	22·0	33·8	35·2	33·8	28·6	36·4	18·8	26·2	16·3	21·8	24·2	22·3	20·8	25·4	14·5	19·0	10·6	15·8	20·6	18·8	16·4	21·6	8·8	14·1
15	24·1	30·6	33·3	30·0	28·0	35·7	20·5	26·5	20·8	23·0	27·3	24·4	19·8	28·0	14·8	20·7	11·0	15·4	19·1	17·7	12·8	20·4	10·4	13·3
16	22·8	26·8	27·6	23·1	23·7	29·0	21·4	23·9	20·2	28·8	30·3	27·9	22·5	31·3	14·5	21·9	9·8	13·6	14·4	13·7	12·6	15·4	9·5	11·6
17	23·8	27·2	27·8	26·5	23·8	29·2	20·2	23·9	17·1	24·8	31·4	28·8	23·4	32·2	14·4	21·6	10·2	15·4	17·2	16·4	12·2	19·2	9·6	12·3
18	22·6	27·4	28·6	27·3	24·8	30·8	18·5	23·6	18·8	26·2	27·8	25·5	20·9	29·2	17·4	21·2	6·8	13·2	16·6	16·3	13·8	17·9	5·8	10·8
19	22·6	28·8	31·6	27·5	23·8	32·5	19·8	24·4	18·4	25·4	26·3	24·4	21·7	28·0	16·2	20·6	7·8	12·2	14·0	11·8	11·5	14·8	7·5	10·2
20	20·0	25·6	26·9	25·5	21·7	28·3	16·9	21·4	18·1	23·1	25·6	24·2	20·4	26·6	16·0	20·0	8·2	11·1	12·2	10·4	9·8	12·6	6·2	9·1
21	19·8	24·8	27·0	25·9	22·2	28·4	15·2	21·0	19·2	24·2	26·8	25·4	20·8	28·0	17·2	21·0	5·8	9·6	12·2	11·1	9·6	13·0	3·2	7·7
22	23·6	28·2	32·3	29·4	23·8	33·1	19·6	24·8	17·8	26·1	27·0	25·4	21·0	28·1	16·0	20·4	6·2	12·8	15·3	12·7	9·4	16·0	4·0	8·7
23	21·6	30·5	30·0	27·4	22·9	31·7	19·1	23·4	16·2	22·8	25·4	23·7	20·3	26·3	13·6	18·9	7·8	11·0	13·8	13·8	12·3	15·6	4·0	9·5
24	19·4	23·8	25·2	23·9	21·4	25·9	17·8	21·0	15·7	20·2	21·0	19·6	18·8	22·0	13·4	17·2	9·4	14·1	15·5	14·4	12·6	18·0	7·5	11·2
25	18·2	23·1	25·0	23·6	21·8	26·4	14·8	20·0	15·4	20·8	22·5	21·7	18·9	23·4	14·0	17·7	8·2	13·4	15·6	14·2	11·6	17·8	6·7	10·5
26	21·4	26·2	29·0	26·4	22·8	29·9	18·0	22·8	15·8	19·6	22·2	20·9	18·4	23·2	13·8	17·6	9·5	12·8	13·2	12·7	9·5	14·4	6·4	9·6
27	22·8	27·8	30·7	27·7	23·7	31·4	20·6	24·4	14·8	19·2	22·5	20·8	16·5	23·0	12·5	16·6	5·2	12·0	13·2	11·7	8·7	13·8	2·3	7·4
28	21·6	26·2	29·4	25·8	22·9	30.1	19·8	23·4	12·6	17·6	20·2	18·4	17·6	21·1	11·6	15·5	9·2	13·0	16·0	13·2	9·5	17·4	5·7	10·1
29	20·2	23·3	25·2	23·2	20·7	25·7	17·6	20·9	14·8	18·8	21·2	20·6	17·3	23·7	14·5	17·0	4·4	10·5	16·3	13·7	9·8	17·6	1·6	8·0
30	17·3	20·7	22·2	21.2	19·4	22·9	16·5	18·8	14·2	19·9	23·1	22·0	19·1	23·6	12·1	17·1	5·0	12·1	16·4	14·0	10·2	17·4	1·3	8·2
31	17·8	21·8	25·5	24·2	21·6	26.3	15·5	20·1									6·1	13·4	14·2	11·4	10·8	15·4	4·6	8·9
Mean	22·69	28·64	30·57	28·40	24·66	31·63	19·51	24·35	17·99	23·51	26·27	24·21	20·62	27·37	15·45	20·08	10·58	15·47	17·87	16·21	13·62	19·00	8·33	12·59

NOTE.—The daily mean Temperature is deduced from the formula $\frac{8+2+8+\text{Min.}}{4}$

Relative Humidity.

(Eye Observations.)

Date	January, 1905.						February, 1905.						March, 1905.					
	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean
1	61	37	33	48	50	56	72	61	52	52	55	64	63	41	26	23	32	48
2	47	28	51	27	45	46	70	49	43	38	54	62	81	57	42	29	42	62
3	97	45	22	39	62	80	44	35	23	32	48	46	79	43	25	30	24	52
4	98	71	31	35	62	80	59	49	27	24	48	54	34	28	22	26	30	32
5	88	74	83	75	85	86	72	49	52	63	58	65	75	45	15	19	37	56
6	95	82	64	90	67	81	66	52	33	35	38	52	59	54	45	42	50	54
7	74	45	38	39	53	64	47	44	33	34	48	48	69	67	64	61	68	68
8	88	46	35	28	51	70	66	59	67	75	74	70	65	29	12	28	45	55
9	45	37	32	36	45	45	87	78	50	58	74	80	62	38	31	23	32	47
10	55	49	38	34	43	49	89	60	35	39	46	68	37	24	17	16	26	32
11	75	51	40	43	48	62	76	68	59	55	69	72	34	26	26	39	61	48
12	53	44	43	37	55	54	76	54	44	52	59	68	89	60	35	43	49	69
13	71	51	37	51	53	62	68	44	28	26	31	50	82	46	36	35	38	60
14	73	53	37	37	54	64	58	30	30	26	50	54	65	49	33	30	40	52
15	70	52	18	23	32	51	50	48	20	27	35	42	69	44	42	37	43	56
16	44	46	30	35	38	41	74	43	37	34	20	47	60	37	24	22	35	48
17	72	79	59	59	72	72	68	54	35	24	29	48	32	27	15	15	45	38
18	83	47	40	39	51	67	40	19	20	24	39	40	73	37	28	29	36	54
19	64	39	32	33	53	58	52	40	34	39	50	51	82	49	25	23	46	64
20	76	52	30	36	39	58	68	59	43	55	53	60	58	30	21	20	35	46
21	52	40	22	30	49	50	68	42	26	37	58	63	78	42	59	60	67	72
22	34	43	42	46	94	64	84	49	33	38	57	70	72	50	36	36	51	62
23	87	62	49	68	89	88	71	32	22	31	47	59	76	48	26	25	45	60
24	88	64	45	65	59	74	45	18	48	—	12	28	71	43	27	28	36	54
25	83	62	47	50	67	75	47	23	1	0	26	36	46	13	9	10	12	29
26	78	55	32	40	52	65	63	38	0	0	1	32	13	13	8	14	19	16
27	72	38	25	22	39	56	39	32	17	14	21	30	81	51	29	32	44	62
28	39	30	17	20	35	37	47	14	22	26	45	46	64	30	22	15	38	51
29	59	33	27	30	32	46							72	40	27	31	43	58
30	59	49	36	32	44	52							64	29	23	26	31	48
31	48	43	22	25	53	50							57	39	42	89	79	68
Mean	69	50	37	41	54	61	63	44	33	35	44	54	63	40	29	31	41	52

Remarks.

The mean Relative Humidity is deduced from the formula $\frac{8+8}{2}$

Date	April, 1905.						May, 1905.						June, 1905.					
	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean
1	88	52	46	60	74	81	61	40	26	22	35	48	50	26	20	21	46	48
2	91	53	32	35	41	66	66	29	31	27	46	56	20	16	17	—	46	33
3	70	40	25	24	39	54	63	12	28	22	52	58	24	22	29	22	30	27
4	55	29	25	23	32	44	69	43	17	24	49	59	39	17	19	19	45	42
5	47	27	19	17	26	36	69	42	21	16	31	50	53	24	23	21	28	40
6	56	26	14	14	26	41	58	28	23	18	33	46	27	16	16	21	34	30
7	35	16	5	8	26	30	61	45	29	21	43	52	24	20	17	18	37	30
8	32	15	5	27	44	38	66	45	36	34	54	60	51	18	22	27	44	48
9	66	26	19	20	30	48	73	46	27	29	51	62	63	34	26	24	30	46
10	40	18	16	18	39	40	44	25	18	11	48	46	30	16	15	18	25	28
11	54	21	19	32	63	58	25	17	19	15	30	28	64	27	7	14	22	43
12	76	38	29	26	43	60	36	17	13	16	28	32	26	9	7	20	39	32
13	65	23	12	8	16	40	51	19	12	14	20	36	59	39	20	21	35	47
14	71	45	30	21	46	58	46	34	18	25	24	35	59	23	14	14	22	40
15	51	26	19	22	39	45	40	21	21	25	37	38	25	15	8	25	25	25
16	56	33	20	25	46	51	45	5	8	9	19	32	55	29	23	18	33	44
17	54	19	15	13	20	37	42	14	15	13	23	32	73	42	29	21	31	52
18	49	11	5	11	10	30	25	14	12	14	23	24	63	38	20	22	35	49
19	22	9	10	7	17	20	32	14	5	12	26	29	66	37	28	28	35	50
20	35	11	6	14	30	32	41	14	11	14	14	28	51	26	19	17	19	35
21	24	10	3	8	13	18	32	28	18	15	37	34	24	16	10	9	16	20
22	5	6	5	6	12	8	32	16	12	13	20	26	57	18	14	18	34	46
23	37	43	48	39	46	42	39	11	10	11	17	28	48	14	14	21	47	48
24	70	37	39	42	48	59	21	9	8	8	11	16	59	29	20	20	26	42
25	70	41	24	22	40	55	34	17	8	8	14	24	59	28	18	19	39	49
26	63	42	30	24	39	51	23	14	8	8	35	29	67	33	22	21	33	50
27	61	46	30	26	47	54	65	27	23	19	38	52	64	36	22	26	34	49
28	60	28	28	25	34	47	63	31	24	25	45	54	73	45	28	26	48	60
29	46	21	18	15	15	30	64	21	12	15	22	43	69	42	26	25	44	56
30	40	19	15	16	21	30	20	11	8	5	23	22	66	33	18	22	44	55
31							35	10	11	34	45	40						
Mean	53	28	20	22	34	43	46	24	17	17	32	39	50	26	19	21	34	42

Remarks.

The mean Relative Humidity is deduced from the formula $\frac{8+2\cdot6}{4\cdot2}$ 17

Relative Humidity.

(Eye Observations.)

July, 1905.						August, 1905.						September, 1905.						Remarks.
.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	
4	35	22	19	32	48	68	38	27	28	36	52	82	44	15	14	46	64	
6	26	18	19	24	35	69	48	32	25	46	58	77	44	22	22	36	56	
4	27	16	21	37	46	69	42	23	26	31	50	79	44	24	29	38	58	The mean Relative Humidity is deduced
1	35	19	17	28	50	70	48	20	22	32	51	61	33	24	27	45	53	
6	18	14	24	26	36	48	21	19	17	30	39	55	31	28	32	44	50	from the formula $\frac{8+8}{2}$
3	35	16	19	23	43	56	31	24	27	43	50	65	39	23	29	40	52	
1	40	22	23	25	48	79	41	18	15	31	55	78	40	30	32	45	62	
5	28	17	19	25	35	66	33	22	20	45	56	52	33	23	34	50	51	
9	26	16	22	30	44	76	47	27	33	49	62	50	26	17	23	33	42	
5	21	16	18	20	38	74	39	27	29	49	62	69	31	20	27	44	56	
0	13	10	12	18	34	71	34	29	26	56	64	68	37	23	29	55	62	
3	33	27	23	37	50	68	45	23	32	46	57	69	42	37	24	38	54	
5	40	28	27	33	39	78	38	22	32	53	66	72	38	29	31	53	62	
7	38	25	18	38	58	69	37	15	22	25	47	72	55	27	26	42	57	
4	41	26	18	31	52	49	16	22	20	25	37	87	57	20	25	62	74	
0	15	18	19	30	40	75	35	23	13	31	53	76	47	27	32	46	61	
4	31	19	15	25	43	63	38	30	30	45	54	69	47	27	20	50	60	
1	17	12	15	17	29	67	41	29	26	40	54	69	23	24	26	38	54	
2	36	33	35	41	42	62	41	26	26	41	52	67	39	28	26	53	60	
5	38	28	26	31	48	69	42	33	31	51	60	77	51	42	36	52	64	
1	39	24	28	41	51	72	26	18	21	39	56	67	41	33	41	55	61	
9	49	25	27	38	54	65	42	27	30	47	56	72	46	35	40	56	64	
3	48	28	24	45	54	74	36	31	35	43	58	69	44	33	40	57	63	
9	43	30	28	41	55	77	51	39	36	50	64	72	41	31	31	46	59	
9	40	18	14	26	52	75	50	32	32	38	56	84	46	28	40	50	67	
0	38	21	22	27	48	69	38	24	33	29	49	72	43	39	35	46	59	
6	42	27	21	30	53	72	33	28	28	30	51	69	48	42	33	55	62	
7	25	27	23	28	42	71	36	19	21	37	54	74	36	36	31	42	58	
1	23	23	23	33	37	82	43	14	14	30	56	70	32	28	40	49	60	
9	36	28	29	44	42	70	43	24	21	31	50	73	23	21	32	60	66	
9	38	28	31	45	57	83	32	16	21	38	60							
9	33	22	22	31	45	70	38	25	26	39	54	71	40	28	30	48	59	

	October, 1905.						November, 1905.						December, 1905.						Remarks,
	.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	
		37	26	27	61	64	62	36	23	29	51	56	85	68	52	54	61	73	
		13	13	30	42	48	64	31	28	33	59	62	59	51	34	47	43	51	
		7	11	13	16	17	63	47	41	47	57	60	47	43	36	48	49	48	The mean Relative Humidity is deduced
		12	10	22	55	40	69	47	34	49	69	69	64	40	31	38	52	58	
5	77	34	27	47	51	64	73	46	31	47	72	72	50	49	32	35	48	49	from the formula $\frac{8+8}{2}$
6	83	40	35	48	56	70	64	39	22	34	45	54	58	33	40	49	65	62	
7	66	41	35	42	55	60	55	34	26	31	58	56	76	52	39	48	62	69	
8	64	42	31	39	56	60	62	36	25	31	53	58	75	48	39	52	73	74	
9	73	43	37	45	50	62	74	31	16	26	63	68	76	59	43	53	67	72	
10	37	22	17	22	42	40	58	35	17	15	57	58	90	68	52	51	63	76	
11	55	26	24	26	66	60	82	34	28	26	45	64	87	58	47	47	64	76	
12	66	29	26	33	60	63	42	65	36	39	37	40	81	49	42	43	57	69	
13	47	11	13	16	36	42	53	55	45	38	38	46	54	53	21	26	39	46	
14	69	12	13	14	38	54	53	40	32	37	32	42	69	42	29	38	50	60	
15	33	30	16	46	43	38	32	31	24	36	33	32	74	60	40	47	87	80	
16	73	54	48	69	61	67	37	17	12	15	39	38	71	44	39	51	64	68	
17	65	45	40	44	58	62	59	47	16	17	58	58	77	53	45	42	56	66	
18	56	30	24	33	41	48	60	40	36	41	68	64	77	44	32	34	46	62	
19	50	34	25	51	57	54	79	35	40	52	53	66	72	59	61	78	75	74	
20	79	48	32	28	51	65	79	53	43	49	71	75	92	72	59	66	70	81	
21	67	43	34	34	46	56	77	52	37	41	81	79	79	61	41	50	62	70	
22	42	28	18	18	46	44	84	30	36	37	60	72	79	57	41	47	79	79	
23	60	33	30	42	64	62	91	52	34	36	64	78	78	68	57	54	60	69	
24	83	52	41	45	51	67	77	63	59	67	64	70	71	48	41	49	63	67	
25	73	58	47	55	58	66	83	53	42	37	51	67	78	56	48	56	77	78	
26	66	45	36	40	70	68	78	67	41	44	56	67	80	43	35	48	62	71	
27	74	45	26	43	75	74	55	44	34	37	78	66	57	37	31	39	50	54	
28	80	58	35	47	66	73	90	78	69	77	79	84	56	23	13	22	29	42	
29	82	48	38	58	66	74	97	77	61	58	68	82	43	38	26	36	32	38	
30	62	46	41	45	55	58	92	67	44	43	54	73	46	35	24	32	30	38	
31	60	50	40	44	56	58							59	37	32	69	58	58	
Mean	62	36	29	38	53	57	68	46	34	39	57	63	70	50	39	47	58	64	

Vapour Tension.

(in millimetres)

Mercury Thermometers.

Date	January, 1905.						February, 1905.						March, 1905.						Remarks.
	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	
1	4·7	4·3	4·3	5·6	5·3	4·8	4·8	5·3	5·9	6·1	5·8	5·5	6·8	6·3	4·2	4·0	4·6	5·2	
2	4·6	4·0	8·3	4·2	5·6	6·2	5·5	5·4	6·0	5·3	5·8	5·8	8·1	9·0	6·7	4·6	5·6	6·8	
3	6.1	6·7	4·3	6·3	8·0	6·1	4·1	4·4	3·6	4·3	5·5	4·4	7·1	6·8	5·2	5·9	3·8	5·4	The mean Vapour Tension is deduced from the formula $\frac{8+2+8}{3}$
4	7·3	9·5	5·6	5·5	7·7	6·9	4·9	5·7	4·2	3·3	4·7	4·6	5·6	6·1	5·2	5·8	6·3	5·7	
5	7·5	7·6	9·6	9·0	9·7	8·9	5·7	5·9	6·2	6·3	5·5	5·8	8·9	6·2	2·3	2·9	4·5	5·2	
6	9·4	9·6	8·3	8·8	7·1	8·3	5·5	5·6	4·5	4.3	4·0	4·7	5·5	6·8	5·8	5·3	5·8	5·7	
7	6·5	5·6	5·2	4·8	5·3	5·7	4·2	5·0	4·5	4·4	4·9	4·5	7·2	7·3	7·3	6·6	6·8	7·1	
8	6·5	4·7	4·7	3·3	4·7	5·3	4·9	5·6	6·1	6·9	6·4	5·8	5·7	3·9	1·9	4·0	5·2	4·3	
9	3·7	3·8	4·2	4·4	4·5	4·1	6·2	6·4	6·1	6·6	7·4	6·6	6·3	5·6	4·9	3·8	3·9	5·0	
10	4·7	5·6	5·2	4·3	4·8	4·9	7·3	7·8	5·0	4·8	4·8	5·7	4·2	4·1	3·3	2·8	3·7	3·7	
11	5·1	4·8	4·8	4·9	4·5	4·8	6·0	6·4	7·2	6·3	6·5	6·6	3·9	4·1	4·4	5·8	7·3	5·2	
12	4·1	4·5	5·8	4·7	5·9	5·3	5·9	6·3	6·2	6·5	6·0	6·0	8·4	8·4	5·4	6·2	5·6	6·5	
13	6·1	5·6	5·3	6·3	5·8	5·7	5·8	5·6	4·3	3·7	3·8	4·6	7·2	6·7	5·6	5·3	4·5	5·8	
14	4·9	5·4	4·8	4·5	5·3	5·0	6·0	4·0	4·4	3·7	5·5	5·3	6·6	6·3	5·2	4·5	4·9	5·6	
15	5·7	5·7	2·5	2·8	3·2	3·8	4·7	5·5	3·0	3·6	3·9	3·9	6·3	6·3	6.5	5·7	5·5	6·1	
16	3·5	5·0	4·3	4·4	4·0	3·9	5·8	4·6	4·4	3·9	2·1	4·1	6·2	6·5	4·5	4·0	5·4	5·4	
17	5·8	9·4	7·0	6·9	7·4	6·7	5·7	5·7	4·1	2·7	2·7	4·2	4·9	5·4	3·4	3·2	7·0	5·1	
18	6·8	5·7	5·2	4·7	5·2	5·7	2·8	1·9	2·5	2·9	3·7	3·0	8·7	6·5	6·5	.6·4	6·6	7·3	
19	5·8	5·0	4·7	4·4	5·8	5·4	4·4	4·5	5·1	5·1	5·6	5·0	10·1	7·9	5·1	4·1	6·3	7·2	
20	5·7	6·2	5·5	5·7	4·7	5·3	6·5	7·0	5·4	6·3	5·7	5·9	7·1	5·0	4·2	4·1	5·0	5·4	
21	5·0	5·1	3·7	4·6	5·5	4·7	5·5	5·4	3·6	4·8	6·5	5·2	8·3	6·1	7·4	7·1	6·9	7·5	
22	2·3	4·2	5.2	5·4	8·4	5·3	7·0	6·5	5·2	5·5	6·7	6·3	7·2	6·6	5·3	5·2	5·6	6·0	
23	6·5	7·7	6·0	7·2	8·0	6·8	7·5	4·6	3·7	4·8	5·3	5·5	6·6	6·3	4·3	3·9	5·4	5·4	
24	7·1	6·4	5·0	6·0	5·2	5·8	4·4	2·6	1·3	—	1·3	2·3	8·1	6·8	5·6	5·4	5·5	6·4	
25	6·0	5·9	5·0	5·0	5·6	5·5	5·4	3·9	0·2	0·0	3·2	2·9	6·1	3.4	2·9	3·1	3·1	4·0	
26	4·9	5·5	3·5	4·2	4·6	4.3	5·8	5·5	0·0	0·0	0·3	2·0	3·3	4·4	3·2	5·1	5.3	3·9	
27	5·1	4·0	3·3	2·5	3·9	4·1	3·7	4·6	3·1	2·6	3·1	3·3	10·8	9·0	8·4	6·7	7·6	8·9	
28	2·9	3·7	2·8	2·9	4·2	3·3	5·1	2·3	3·9	4·3	6·1	5·0	7·7	5·2	4·1	2·6	5·3	5·7	
29	4·4	3·6	3·5	3·5	3·2	3·7							8·1	6·6	5·3	5·6	6·4	6·6	
30	4·5	4·7	4·4	3·8	4·2	4·4							8·2	5·8	5·0	5·3	5·1	6·1	
31	4·0	4·6	2·8	3·0	4·7	3·8							8·0	7·3	7·2	9·1	8·5	7·9	
Mean	5·39	5·62	4·99	4·95	5·55	5·31	5·40	5·14	4·28	4·41	4·74	4·80	7·01	6·22	5·04	4·97	5·58	5·87	

Date	April, 1905.						May, 1905.						June, 1905.						Remarks.
	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	
1	9·3	7·7	6·8	8·5	9·1	8·4	9.2	7·8	5·8	4·4	5·5	6·8	11·4	8·3	7·5	7·4	10·8	9·9	
2	9·7	8·3	6·2	6·0	5·9	7·3	8·5	5·3	6·3	6·0	8·1	7·6	5·6	5·4	6·3	—	10·9	7·6	
3	8·2	6·9	4·9	4·6	5·8	6·3	9·1	7·5	5·6	5·0	8·1	7·6	6·2	6·8	6·8	6·9	6·8	6·6	The mean Vapour Tension is deduced from the formula $\frac{8+2+8}{3}$
4	7·3	5·4	5·1	4·7	5·5	6·0	9·5	7·8	3·9	5·3	8·1	7·2	8·8	4·9	5·9	6·9	10·0	8·2	
5	7·4	6·1	4·6	3·9	5·0	5·7	9·9	8·0	5·0	3·7	5·5	6·8	10·7	6·9	7·6	6·9	7·0	8·4	
6	8·4	6·3	4·1	3·6	5·4	6·0	9·4	5·6	5·3	4·4	6·0	6·9	6·4	5·7	6·0	7·4	9·1	7·2	
7	5·6	4·3	1·9	2·6	6·1	4·5	8·6	8·0	6·3	4·9	7·3	7·4	7·2	7·3	6·7	6·6	9·7	7·9	
8	5·9	4·7	2·0	6·7	8·4	5·4	9·4	8·5	7·9	7·6	9·7	9·0	11·2	6·2	7·5	8·9	11·1	9·9	
9	9·1	5·5	4·6	4·6	5·7	6·5	11·3	9·0	6·9	6·9	9·3	9·2	12·3	9·3	8·9	8·6	9·1	10·1	
10	5·7	4·0	4·1	4·5	6·3	5·4	8·7	7·1	6·2	3·4	10·0	8·3	7·9	6.6	7·8	8·2	7·7	7·8	
11	7·3	4·8	4·6	7·1	9·6	7·2	5·6	5·7	7·4	5·1	7·1	6·7	12·7	8·4	3·0	5·9	7·3	7·7	
12	10·8	9·4	9·3	8·6	10·6	10·2	9·0	7·2	6·1	6·7	8·8	8·0	7·6	4·3	3·9	8·4	11·1	7·5	
13	10·2	7·6	4·5	3·2	4·5	6·4	10·8	8·3	7·9	8·1	8·4	9·0	11·6	9·8	6·2	6·2	8·1	8·6	
14	10·1	8·5	7·0	4·9	8·0	8·4	12·6	13·2	9·4	11·5	8·0	10·0	12·1	7·3	5·8	5·8	7·0	8·3	
15	7·7	6·0	5·0	5.3	6·9	6·5	10·2	8·5	9·2	9·8	10·1	9·8	6·8	6·7	4·5	8·3	8·3	6·5	
16	9·1	6·8	4·8	5.6	8·3	7·4	9·8	2·6	3·4	3·4	5·0	6·1	11·7	8·8	8·2	6·4	8·4	9·4	
17	8·3	4.6	4·0	3·6	4·0	5·4	9·0	5·2	6·6	5·4	6·8	7·5	14·0	11·0	9·0	6·8	7·5	10·2	
18	7·8	3·7	2·0	4·0	2·9	4·2	7·1	5·7	5·2	6·0	7·0	6·4	12·5	9·4	6·7	6·7	8·5	9·2	
19	5·8	3·8	4·5	3·0	4·8	5·0	7·6	5·3	2·1	4·9	8·0	5·9	12·5	9·5	8·6	8·6	9·0	10·0	
20	8·4	4·7	3·4	6·0	7·3	6·4	9·5	5·4	5·1	6·1	4·6	6·4	11·0	7·8	6·7	6·8	6·1	7·9	
21	6·0	4·2	1·8	3·8	5·6	4·5	8·7	9·1	6·6	5·9	10·2	8·5	8·0	6·9	5·3	4·8	6·7	6·7	
22	1·9	2·6	2·9	3·0	4·6	3·1	6·9	5·4	4·5	4·7	5·8	5·7	13·5	6·8	6·7	7·8	10·3	10·2	
23	9·8	11·0	11·9	8·3	8·3	10·0	8·3	4·0	4·2	4·0	5·2	5·9	12·1	5·2	5·7	8·0	13·5	10·1	
24	10·1	6·9	7·6	7·3	7·9	8·5	6·8	4·2	4·1	4·1	4·2	5·0	13·6	9·3	7.6	7·8	7·8	9·7	
25	9·3	7·0	4·6	4·2	5·9	6·6	8.0	8·1	4·3	4·1	5·4	5·9	12·7	8·3	6·5	7·3	11·1	10·1	
26	8·5	7·6	5·7	4·8	6·1	6·8	7·0	7·2	4.8	4·3	11·3	7·7	14·5	10·1	8·4	8·3	9·6	10·8	
27	9·0	7·2	6·0	5·3	7·1	7·4	13·2	8·4	8·2	6·9	9·1	10.5	14·2	11·5	8·9	10·7	9·9	11·0	
28	7·8	4·8	5·4	5·0	5·7	6·3	11·4	8·1	7·5	8·1	10·6	9·8	15·4	12·8	10·3	9·4	13·0	12·9	
29	6·7	4·5	4·5	3·5	3·2	4·8	11·8	6·5	4·3	5·5	6·3	7·5	14·5	12·3	9·2	9·3	12·8	12·2	
30	7·5	5·9	5·3	5·2	5.6	6·1	6·1	5·5	4·7	3·0	7·5	6·1	14·4	10·4	6·9	8·7	13·1	11·5	
31							10·3	5·8	5·6	12·1	10·9	8·9							
Mean	7·96	6·03	4·97	5·05	6·34	6·42	7·14	6.90	5·82	5·85	7·67	7·55	11·10	8·14	6·97	7·53	9·38	9·14	

Vapour Tension.

(in millimetres.)

Mercury Thermometers.

Date	July, 1905. 8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	August, 1905. 8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	September, 1905. 8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	Remarks.
1	14·6	11·4	8·6	8·0	10·1	11·1	15·9	12·0	10·9	10·6	11·7	12·8	17·4	14·0	6·3	6·2	13·9	12·5	The mean Vapour Tension is deduced from the formula $\frac{8+2+8}{3}$
2	11·6	9·1	7·1	8·1	8·2	9·0	15·5	14·1	11·4	9·5	13·9	13·6	17·4	14·0	9·4	9·0	11·1	12·6	
3	12·4	9·6	6·7	8·7	11·7	10·6	16·0	13·0	9·1	10·2	10·4	11·8	17·8	13·8	9·2	10·8	11·1	12·7	
4	15·4	11·8	7·5	7·1	10·0	11·0	16·6	15·6	8·3	9·2	10·5	11·8	14·0	10·7	8·7	9·9	13·5	12·1	
5	12·8	7·4	6·2	9·6	8·7	9·2	12·9	8·8	8·3	8·1	10·7	10·6	13·9	10·5	10·4	11·8	12·5	12·3	
6	15·3	12·2	6·6	7·7	7·6	9·8	14·6	11·7	10·2	10·8	13·8	12·9	13·9	11·2	8·1	9·7	11·8	11·3	
7	15·4	12·6	8·7	9·6	8·6	10·9	18·1	13·9	7·8	6·7	10·0	12·0	16·4	11·8	10·3	10·3	11·7	12·8	
8	12·0	9·7	6·7	7·9	8·6	9·1	16·4	11·8	9·4	9·0	14·8	13·5	12·3	10·0	8·6	11·4	12·7	11·2	
9	14·3	8·8	6·8	9·0	10·0	10·4	17·8	14·2	9·9	11·3	14·7	14·1	12·6	8·8	7·2	8·3	9·2	9·7	
10	13·3	8 2	7·1	7·8	7·1	9·2	17·0	12·5	10·4	11·2	14·7	14·0	15·5	9·8	7·6	9·2	12·2	11·8	
11	13·7	5·4	4·6	5·2	6·8	8·4	16·9	11·4	10·7	9·6	14·8	14·1	14·2	11·2	8·1	9·2	14·0	12·1	
12	16·6	12·3	11·1	9·4	12·3	13·3	15·8	13·7	8·3	10·9	13·2	12·4	13·7	11·3	11·5	7·5	10·2	11·8	
13	11·9	12·6	9·9	10·0	9·7	10·5	17·9	11·8	8·3	12·6	15·5	13·9	13·8	11·4	9·4	10·1	13·5	12·2	
14	16·8	11·8	9·0	7·0	11·2	12·3	16·2	12·6	6·5	8·9	8·3	10·3	15·1	14·2	9·2	8·8	10·7	11·7	
15	17·5	13·5	10·4	7·5	10·2	12·7	13·1	6·2	9·0	7·7	8·3	10·1	17·2	15·1	7·3	8·8	16·3	13·6	
16	12.6	5·4	7·6	7·4	9·4	9·9	16·8	11·6	9·1	5·6	9·7	11·9	16·1	14·2	10·0	11·6	14·3	13·5	
17	13·5	9·9	7·7	6·5	8·3	9·8	14·6	11·4	10·9	10·9	12·5	12·7	16·2	15·3	10·8	7·8	13·5	13·5	
18	11·2	8·1	6·3	7·6	7·1	8·2	14·9	12·2	10·6	9·2	11·3	12·3	15·7	7·7	9·0	9·0	10·9	11·9	
19	11·3	12·8	13·7	14·0	12·6	12·5	13·8	11·6	8·7	9·1	11·6	11·4	15·1	12·3	10·3	9·2	14·2	13·2	
20	14·9	11·4	9·8	9·6	9·7	11·5	14·8	12·3	12·0	11·5	14.8	13·9	15·6	14·4	13·4	11·2	13·5	14·2	
21	14·1	12·0	9·0	11·0	12·2	11·8	16·0	9·1	7·8	8·9	12·2	12·0	15·4	13·5	12·0	13·5	14·5	14·0	
22	16·3	14·6	9·5	10·6	12·4	12·7	15·8	13·9	10·6	11·6	15·3	13·9	15·9	14·5	13·0	13·7	14·5	14·5	
23	14·9	14·1	10·8	9·8	14·7	13·5	17·0	11·2	10·5	11·8	12.5	13·3	15·5	13·5	11·9	13·6	14·3	13·9	
24	16·2	13·9	11·8	11·8	13·2	13·7	16·8	14·2	12·6	12·6	14·3	14·6	13·8	11·4	10·4	9·7	11·3	11·8	
25	17·4	12·7	7·3	6·0	8·7	11·1	16·4	14·1	11·4	11·3	11·4	13·1	16·3	13·4	9·7	12·6	12·5	12·8	
26	15·1	12.1	8·7	9·4	8·5	10·8	14·8	11·8	8·8	11·6	8·8	10·8	14·1	10·6	11·3	9·9	10·8	12·1	
27	15·8	12·8	10·4	8·6	10·0	12·1	16·2	10·6	10·0	10·4	9·3	11·8	13·5	13·8	12·6	9·8	13·1	13·1	
28	14·8	8·8	10·8	9·5	8·8	11·5	15·0	11·5	7·4	8·0	11·6	11·3	14·3	10·8	11·3	9·6	10·7	12·1	
29	11·6	8·7	10·1	10·3	12·1	11·3	16·3	13·0	6.0	6·1	10·0	10·8	14·5	10·2	9·9	12·6	13·0	12·5	
30	11·7	12·8	11·0	11·4	13·8	12·2	14·7	13·5	9·6	8·0	10·3	11·5	16·7	8·5	8·1	11·0	15·6	13·5	
31	16·5	12·2	11·1	11·5	13·1	13·6	16·4	10·7	6·9	8·8	12·2	11·8							
Mean	14·27	10·93	8·79	8·95	10·17	11·09	15·84	12·13	9·40	9·73	12·04	12·42	15·13	12·06	9·83	10·19	12·70	12·57	

Date	October, 1905. 8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	November, 1905. 8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	December, 1905. 8 a.m.	11 a.m.	2 p.m.	5 p.m.	8 p.m.	Mean	Remarks.
1	15·3	11·9	9·5	9·0	15·1	13·3	10·4	8·1	6·0	6·6	9·5	8·6	10·9	11·2	10·5	9·5	9·0	10·1	The mean Vapour Tension is deduced from the formula $\frac{8+2+8}{3}$
2	12·2	4·8	5·2	9·8	11·5	9·6	10·9	7·1	7·1	7·8	11·2	9·7	8·1	8·6	7·4	8·4	7·1	7·5	
3	5·1	3·0	4·9	5·2	4·9	5·0	11·1	10·3	9·9	10·2	10·4	10·5	5·5	6·3	6·2	6·6	5·6	5·8	
4	7·1	5·2	4·8	9·2	14·7	8·9	12·3	10·7	8·9	10·9	12·7	11·3	6·0	6·0	5·7	6·0	6·6	6·1	
5	16·6	12·0	11·5	16·3	13·9	14·0	13·1	11·0	9·5	11·3	13·6	12·1	6·1	7·1	5·9	5·8	6·4	6·1	
6	18·1	12·9	11·6	14·1	13·7	14·5	11·3	9·1	6·3	8·2	8·8	8·8	6·2	6·0	7·7	8·7	9·9	7·9	
7	14·3	11·6	10·5	11·5	12·4	12·4	9·8	8·1	7·2	7·5	10·8	9·3	10·4	9·6	8·2	9·0	9·5	9·4	
8	12·8	11·3	9·8	10·9	12·8	11·6	10·8	8·7	6·9	7·5	9·7	9·1	10·7	9·2	8·0	9·7	11·0	9·9	
9	14·0	12·6	11·8	12·2	13·0	12·9	12·2	7·6	4·9	6·2	11·6	9·6	10·8	10·3	8·2	9·3	9·8	9·6	
10	8·7	7·8	6·6	7·7	10·7	8·7	9·1	9·2	6·2	4·3	11·6	9·0	10·4	10·1	8·9	8·3	9·0	9·4	
11	13·2	9·7	10·0	9·9	14·4	13·2	11·0	8·5	9·0	7·0	9·4	9·8	9·6	9·7	7·7	7·4	9·4	8·9	
12	15·6	10·6	10·8	12·	15·6	14·0	7·0	13·4	9·8	9·3	8·3	8·4	9·9	8·2	7·8	7·4	8·1	8·6	
13	11·8	4·9	6·1	6·8	10·7	9·5	9·2	11·1	11·3	8·3	6·6	9·0	6·3	7·8	4·0	4·3	5·1	5·1	
14	13·5	4·8	5·3	5·5	11·1	10·	7·2	7·9	7·1	7·4	5·9	6·7	6·5	5·5	5·2	6·2	6·9	6·2	
15	7·4	9·5	6·5	14·4	12·1	8·7	5·9	6·4	6·5	8·3	5·7	6·0	7·2	7·9	6·5	7·0	9·5	7·7	
16	15·0	14·1	13·4	14·5	13·1	13·8	6·5	4·9	4·0	4·1	7·7	6·1	6·5	5·1	4·7	6·0	7·0	6·1	
17	14·2	12·3	11·3	11·1	12·6	12·7	8·5	10·7	5·5	4·9	12·4	8·8	7·2	6·9	6·5	5·8	6·0	6·6	
18	11·3	8·1	7·0	8·7	9·5	9·3	8	9·9	10·0	9·7	12·5	10·8	5·7	5·0	4·5	4·6	5·3	5·2	
19	10·1	10·0	8·6	13·8	12·4	10·4	9	8·4	10·1	11·9	10·2	11·2	5·7	6·2	7·2	8·0	7·6	6·8	
20	13·8	11·7	8.4	6·7	9·9	10·7	12·4	[illegible]	[illegible]	11·0	12·6	11·7	7·4	7·1	6·2	6·2	6·4	6·7	
21	11·5	10·0	8·9	8·2	9·2	9·9	12·2	11·0	10·4	[illegible]	14·8	12·9	5·4	5·5	4·4	4·9	5·6	5·1	
22	9·2	7.9	6·8	5·7	10·0	8·7	12·8	11·7	9·7	9·9	11.0	11·1	5·6	6·3	5·4	5·2	6·9	6·0	
23	11·3	10·6	9·6	11·5	13·1	11·3	12·7	7·4	9·5	8·8	[illegible]	10·9	6·1	6·6	6·6	6·3	6·4	6·4	
24	13·9	11·5	9.9	9·9	9·7	11·2	12·5	10·6	8·1	8·1	11·4	10·5	6·3	5·7	5·4	6·0	6·9	6·2	
25	11·3	12·1	11·1	11·8	11·3	11·2	10·2	11·1	10·9	11·3	10·	9·1	6·3	6·4	6·3	6·7	7·8	6·8	
26	12·5	11·3	10·9	10·1	14·5	12·6	10·8	9·7	8·4	7·1	8·2		7·1	4·7	4·0	5·3	5·5	5·5	
27	15·3	12·6	8.5	12·2	16·1	13·3	10·4	11·3	8·2	8·1	8·8	[illegible]	3·8	3·8	3·5	4·0	4.2	3·8	
28	15·4	14·6	10·6	11·5	13·6	13·2	6·9	7·3	6·9	6·8	10·9	8·	4·8	2·6	1·5	2·5	2·6	3·0	
29	14·3	10·1	10·1	12·2	11·9	12·1	9·7	11·7	12·2	12·1	11·8	11·2	3·7	3·7	3·6	4·2	2·9	3·1	
30	9·1	8·4	8·0	8·4	9·2	8·8	12·1	12·4	11·2	10·4	10·0	11·1	3·0	3·7	3·3	3·8	2·8	3·0	
31	9·1	9·7	9.5	9·7	10·7	9·8	10·9	11·6	9·2	8·4	8·8	9·4	4·1	4·2	3·8	6·9	5·7	4·5	
Mean	2·35	9.91	8·95	10·37	12·09	11·14	10·32	9·56	8·36	8·45	10·24	9·67	[illegible]	6·48	5·96	6·45	6·85	6·55	

Wind Velocity (kilometres p

April, 1905. (D = Direction. V = Velocity in kilometres per hour.)

Date	1		2		3		4		5		6		7		8		9		10		11		
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	NW	9	NW	9	WNW	7	WNW	10	WNW	3	WNW	2	WNW	4	W	18	W	21	WNW	20	NW	25	[illegible]
2	NW	1	NW	1	NW	2	N	5	E	4	E	4	SSE	2	SW	1	SSW	4	S	6	W	[illegible]	[illegible]
3	NE	9	NE	7	NNE	6	N	4	NE	6	NE	6	NE	4	NW	3	NW	3	WNW	4	W	9	[illegible]
4	NE	10	NE	6	NE	1	NE	2	NE	6	NE	6	NE	7	NE	1	NE	2	W	4	WSW	5	[illegible]
5	NE	13	NE	14	NE	6	E	6	NE	10	NNE	10	N	3	N	1	NNW	3	S	4	W	6	[illegible]
6	N	9	N	4	N	7	NW	4	N	6	NE	8	N	4	N	1	SW	3	WSW	3	WSW	5	[illegible]
7	ESE	26	ESE	19	S	9	SE	10	SE	9	SE	7	SE	9	S	8	S	12	S	18	SSW	22	[illegible]
8	E	22	E	22	E	22	SSE	15	E	19	ESE	15	SSE	6	S	7	S	7	S	10	S	22	[illegible]
9	N	10	NE	8	N	9	N	5	NE	16	N	12	NE	10	NNE	7	NNW	4	W	4	NW	8	[illegible]
10	NE	16	NE	15	N	2	NE	5	NE	6	ENE	5	ESE	3	NNW	7	ENE	12	NE	16	NNE	24	[illegible]
11	E	19	SSE	5	ENE	6	SE	6	SSW	6	NE	16	N	11	NE	26	NE	18	NE	15	NE	24	[illegible]
12	N	19	N	21	N	26	N	25	N	27	N	27	NE	27	NE	26	NE	19	NNE	12	N	21	[illegible]
13	NW	7	NNW	3	N	8	NNW	7	NNW	10	N	4	NW	5	NW	10	NW	3	NW	9	WNW	10	[illegible]
14	NNW	27	NNW	25	NNW	22	NNW	22	NNW	21	NNW	22	NNW	21	NNW	13	NNW	10	N	8	NW	11	[illegible]
15	E	10	E	11	E	14	NE	13	N	6	E	5	E	3	E	1	E	3	SW	4	SW	7	[illegible]
16	NE	9	NE	9	NE	14	NNE	7	NE	10	NE	9	NE	4	S	3	NW	6	NW	9	NNE	6	[illegible]
17	ENE	18	S	4	NE	4	NE	5	E	1	E	4	SE	4	SE	4	NNW	7	NNW	10	N	11	[illegible]
18	E	15	NE	12	E	13	ENE	8	SE	6	E	3	E	6	NW	7	NW	7	ESE	9	E	19	[illegible]
19	E	3	E	9	E	13	E	14	N	7	NE	6	E	10	E	4	E	3	W	6	SW	5	[illegible]
20	N	7	NW	7	NW	5	NW	15	NNW	19	NE	18	N	9	WNW	6	NNW	18	E	15	E	13	[illegible]
21	NE	5	E	12	NW	5	SE	8	SE	10	SE	10	SE	10	S	7	SW	4	S	6	SSW	8	[illegible]
22	SE	19	SE	15	W	13	SE	15	SE	12	SSE	8	SSE	7	SSE	21	S	23	S	23	S	25	[illegible]
23	SE	10	SSW	6	SE	9	SSW	10	ESE	13	S	18	WSW	13	NW	25	NNW	29	NNW	24	NW	24	[illegible]
24	N	19	N	18	N	21	N	15	N	13	N	14	N	13	NNE	13	N	18	N	13	NNW	21	[illegible]
25	N	15	N	7	NE	7	NE	8	N	6	NNE	7	N	5	NNW	9	NNW	15	NW	14	NW	21	[illegible]
26	NW	5	NNE	7	NNE	5	N	4	NE	4	NE	1	NE	1	NW	4	NW	9	NNW	8	W	4	[illegible]
27	N	15	N	12	N	14	N	11	N	7	N	4	N	2	N	2	SW	5	W	6	—	—	—
28	NNE	10	NNE	7	NE	7	NE	9	NE	11	NE	10	NE	6	NW	8	NNE	9	ENE	7	NW	9	WNW
29	NE	25	NE	22	NE	20	NE	19	NW	4	N	4	NW	6	NW	7	WNW	7	WNW	4	NW	5	NW
30	ENE	20	NE	18	E	16	NW	6	N	4	W	6	NW	6	W	7	ESE	27	E	15	SE	11	S
Mean		13·4		11·2		10·4		9·8		9·4		9·0		7·4		8·6		10·4		10·2		13·4	

May, 1905.

Date	1		2		3		4		5		6		7		8		9		10		11		12	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	NE	44	NE	44	NE	38	NE	32	N	22	NE	31	NE	35	NE	37	NE	34	NE	26	NE	37	NE	31
2	NE	15	NNE	18	NNE	15	NNE	15	NNE	16	NNE	16	N	13	NNE	21	N	16	NNW	15	N	19	N	15
3	N	14	N	10	N	12	NNE	14	NE	11	NE	7	N	9	N	10	NW	11	NW	11	NNW	15	N	16
4	N	16	N	9	N	9	NNW	7	N	10	N	13	N	12	N	10	NW	10	NW	11	NW	12	NNW	16
5	N	7	N	12	N	15	W	4	SSW	3	S	4	S	3	S	4	WNW	7	NW	9	NW	9	WNW	[illegible]
6	N	14	N	15	N	12	N	9	N	6	N	6	WNW	10	NW	16	NW	14	NW	9	NNW	12	NNW	22
7	N	16	N	15	N	13	N	7	N	5	N	3	N	2	N	14	N	20	N	10	NW	6	WNW	18
8	N	1	N	2	N	1	N	1	N	2	N	4	SE	3	WSW	4	NNW	6	NNW	10	NW	10	NW	14
9	NE	34	NE	26	NE	18	NNE	11	NE	12	NE	18	NE	27	NE	27	NE	30	NE	22	NE	27	NE	26
10	NNE	9	N	10	N	9	NE	11	N	10	NE	13	NE	15	NE	25	ENE	35	ENE	31	ENE	39	NE	[illegible]
11	NE	42	NNE	13	NE	24	NE	20	NE	21	NE	35	NE	49	NE	40	NE	40	NE	[illegible]	ENE	30	NE	[illegible]
12	NE	9	NNE	6	NNE	12	ENE	11	NW	7	NE	4	NNW	6	NNW	4	NW	[illegible]	E	18	E	21	E	[illegible]
13	ENE	3	NE	7	E	3	N	6	N	5	N	10	NNW	11	NNW	9	NNW	[illegible]	NNW	3	WNW	9	SW	[illegible]
14	E	30	E	20	N	13	NNW	9	N	7	N	7	N	5	NW	6	NW	4	NNW	10	NNW	23	NNW	16
15	E	35	E	35	E	31	NW	17	NNE	16	NNE	15	NE	30	NE	34	NW	13	NE	26	NE	24	NE	25
16	ENE	12	ENE	9	NE	10	ENE	13	NNE	12	NE	10	NE	13	NE	19	ENE	25	ENE	22	NE	16	NNE	13
17	E	11	NE	11	NNE	9	NE	6	N	4	NW	9	NNW	9	N	9	N	15	NE	13	NNE	20	NNE	24
18	NE	7	NE	13	NE	13	NE	15	ENE	16	E	15	ENE	16	E	19	E	26	NE	24	NE	26	NE	27
19	NE	7	NE	6	ENE	7	ENE	7	NE	9	NW	6	NNW	10	NW	11	ENE	12	ENE	7	NE	9	NE	19
20	E	12	SE	6	NE	7	NNE	7	NE	3	NW	2	N	[illegible]	N	7	NW	7	N	11	NNW	7	W	6
21	ENE	30	ENE	25	NNW	12	NW	7	NE	17	NNE	22	E	18	NW	13	NW	16	NW	13	NW	9	NW	10
22	NE	15	W	6	NNE	6	NE	7	NE	3	N	6	NNW	7	NNW	11	NNW	18	NE	12	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	W	6	NE	9
24	ENE	12	E	9	NE	4	N	3	NE	2	NE	1	E	2	S	4	ENE	6	W	3	W	6	WSW	7
25	NNW	7	N	4	NNW	7	N	6	N	10	N	5	N	5	N	16	NNW	17	S	4	W	6	NNW	19
26	E	38	E	37	E	38	E	34	E	33	E	30	NW	12	NNW	10	NW	10	NW	9	W	4	W	6
27	N	13	N	9	N	13	N	19	N	19	N	15	NNE	13	NNE	21	NE	23	NE	18	NE	24	NNE	19
28	NE	13	NE	9	NE	16	NNE	15	NNE	13	NNE	11	NNE	14	NNE	17	NNE	16	NNE	19	N	16	N	16
29	N	14	N	12	NE	13	NNE	15	NNE	17	NE	15	NE	13	NE	11	ENE	10	NE	18	ENE	15	NE	18
30	E	24	NW	10	E	8	SE	9	SE	9	NNW	4	NW	4	SE	5	SW	4	W	3	WNW	4	SW	7
31	ENE	24	ENE	33	ENE	31	NE	18	NNE	8	NNE	16	NNW	14	NW	12	NNW	28	NNE	24	NE	29	NE	25
Mean		17·7		14·7		14·0		11·8		10·9		11·8		12·7		14·8		16·8		14·8		16·3		16·

Wind Direction

HOURS OF OBSERVATION.																										Mean Velocity
13		14		15		16		17		18		19		20		21		22		23		24				
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V			
[illegible]	24	NW	23	NNW	32	NNW	24	NNW	29	NNW	22	NNW	24	NW	16	NNW	21	NNW	18	NNW	14	NW	4			16·6
[illegible]	14	W	13	NW	6	W	1	NW	1	WNW	3	NNW	18	N	19	N	19	NNE	16	NNE	13	NNW	6			7·6
[illegible]	21	WNW	22	WNW	24	WNW	19	WNW	21	NNW	19	N	19	N	19	N	16	N	9	N	5	NE	15			11·8
[illegible]	12	WNW	12	WNW	10	WNW	10	NNW	7	N	10	NE	13	NE	19	NE	8	NE	19	NE	22	NE	32			9·6
[illegible]	10	NW	12	WNW	9	NNW	15	N	12	N	10	NE	10	NE	15	NE	22	ENE	22	E	23	E	18			11·0
[illegible]	6	WNW	7	NW	9	NW	11	NNW	14	N	12	NE	15	NE	14	NE	18	ENE	18	ENE	18	E	26			9·4
[illegible]	19	WSW	18	W	17	W	21	NW	21	NW	18	NE	25	NE	26	NE	33	NE	32	NE	30	E	27			19·1
[illegible]	26	SW	20	NW	46	NW	39	NW	38	N	27	N	24	N	18	N	14	N	7	NNW	4	N	6			19·2
[illegible]	15	NW	18	NW	24	NNW	20	NNW	15	NNW	19	N	19	N	18	NE	26	NE	26	NE	21	NE	19			14·2
[illegible]	28	NNE	28	NNE	32	NNE	22	NNE	21	NNE	19	NNE	19	NE	30	NE	24	NE	23	NNE	12	NE	16			17·3
[illegible]	26	NNE	30	N	25	NNE	34	N	25	N	24	N	30	NNE	18	NNE	11	NE	10	NE	16	NNE	17			18·7
[illegible]	24	N	25	N	21	N	21	N	20	N	22	NNE	34	NE	35	NE	32	NE	34	NE	25	NNW	15			24·0
[illegible]	11	NW	13	NNW	11	WNW	10	NW	9	NW	6	NE	7	E	12	ENE	22	E	22	NNW	30	NNW	35			11·3
[illegible]	12	NW	13	NW	18	NNW	20	NNW	21	N	21	N	24	N	25	NNE	17	NE	14	NNE	6	N	6			16·9
[illegible]	21	WNW	30	WNW	31	WNW	28	WNW	26	NNW	23	N	22	N	20	N	19	NE	17	NE	15	NE	10			14·5
[illegible]	18	NNW	19	NNW	17	NNW	16	NNW	15	N	14	NNE	20	NE	32	NE	28	NE	25	ENE	24	ENE	19			14·5
[illegible]	27	NNW	19	NNE	21	NNE	16	NE	21	NE	18	NE	12	NE	9	NE	12	NE	16	NE	18	E	15			12·1
[illegible]	6	S	6	SW	6	WSW	7	W	10	NW	12	N	13	NE	16	E	16	E	16	E	21	E	15			10·9
[illegible]	6	WSW	5	W	6	W	4	W	3	WSW	1	N	15	NNW	24	NNW	23	N	9	NW	4	N	4			7·9
[illegible]	8	WSW	9	W	12	NNW	26	NE	35	NE	49	NE	40	NE	37	NE	41	NE	37	ENE	33	NE	28			20·8
[illegible]	18	SW	16	SW	13	SW	9	SW	7	S	6	E	2	W	4	ESE	9	E	13	ESE	18	SE	18			9·7
[illegible]	18	SSW	18	SSW	25	SSW	21	SW	15	SW	16	S	12	S	9	SE	10	SSE	12	S	10	SSE	14			15·8
[illegible]	28	NNW	22	NNW	23	NNW	30	NNE	21	NE	15	NW	29	N	22	NNW	24	NNW	29	N	24	N	16			20·4
[illegible]	18	NNW	21	NW	21	N	14	N	13	NE	13	N	9	NNE	13	N	22	NNE	28	N	24	N	16			17·1
[illegible]	25	NW	24	NW	25	NW	28	NW	37	NNW	34	NNW	26	NNW	19	NW	10	NW	7	NW	6	NW	7			16·1
[illegible]	13	NW	13	NW	13	NW	15	NW	23	NW	18	NNW	26	NNW	30	NNW	26	N	24	N	22	N	18			12·7
—	—	—	—	—	—	NNW	13	NNW	12	NNW	13	NNW	19	N	26	N	29	N	21	NNE	12	NNE	9			12·2
[illegible]	13	NW	14	NW	16	NW	17	NW	15	NW	10	NW	8	NE	26	NE	28	NE	28	NE	23	NE	25			13·6
[illegible]	6	NNW	7	NNW	8	NNW	12	NE	15	NE	19	NE	24	NE	25	ENE	26	ENE	24	ENE	22	E	21			14·1
[illegible]	14	E	15	NNE	15	ENE	16	E	37	ESE	24	SSE	10	NE	30	NE	47	NE	46	NE	50	NE	52			21·0
	16·8		17·0		18·5		18·0		18·6		17·2		18·9		20·9		21·8		20·7		18·8		17·6			14·4

HOURS OF OBSERVATION.																										Mean Velocity
13		14		15		16		17		18		19		20		21		22		23		24				
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V			
NE	32	N	37	NE	37	NE	30	NE	34	NE	30	NE	31	NE	24	NNE	28	NE	24	NE	25	NE	22			31·9
NW	18	NW	19	NW	22	NW	19	NW	19	NW	24	N	29	N	29	N	25	N	19	N	19	N	18			18·9
NNW	16	NNW	15	N	14	N	12	NW	18	NW	32	NW	38	NW	35	NW	24	NW	18	NW	16	N	14			16.3
NNW	17	NNW	18	NNW	22	NNW	29	NNW	32	NNW	33	NW	26	NW	19	NW	21	NW	12	NW	16	NW	14			16·4
NW	13	NW	19	NW	22	NW	16	NW	24	NW	28	NW	22	NNW	22	N	18	N	16	N	9	N	9			12·7
NNW	18	NW	17	NNW	19	NNW	21	NW	22	NNW	24	NNW	24	N	22	N	18	NNE	21	N	19	N	14			16·0
NW	9	NW	14	NNW	16	NW	18	NW	22	NW	30	NW	30	N	32	N	24	N	22	N	17	N	7			15·1
NW	16	NW	13	NNW	15	NW	17	NW	17	N	18	NNE	14	NE	32	NE	36	NE	32	NE	31	NE	27			13·6
NE	28	NE	27	NE	29	NE	28	NE	28	NE	30	NE	26	NE	22	NE	18	NE	19	NE	23	N	9			23·5
NE	30	NE	28	NE	35	NE	35	NE	38	NE	38	NE	44	NE	50	NE	43	NE	45	NE	46	NE	41			29·8
NE	22	NE	27	NE	25	NE	28	NE	30	NE	34	NE	34	ENE	37	E	44	E	37	NW	9	NNW	7			29·2
ENE	9	NNE	10	NNE	27	NE	30	NE	30	NE	35	NE	39	NE	38	ENE	40	ENE	32	ENE	38	ENE	28			19·8
WSW	9	SW	10	SSW	9	SSW	9	W	6	W	6	N	12	NE	19	NE	30	ENE	32	E	30	E	30			11·7
NW	7	NNW	10	NNW	9	NE	25	NE	38	NE	44	NE	41	NE	36	NE	37	ENE	36	ENE	33	E	37			21·3
NNE	28	NNE	25	NNE	30	NE	30	NE	37	NE	30	NE	30	NE	25	NNE	16	NE	12	NE	18	NE	17			25·7
N	16	N	24	N	21	N	24	NNE	24	NE	27	NE	19	NE	14	NE	15	NNE	13	NNE	6	NNE	2			15·8
NNE	23	NNE	28	NNE	28	NNE	28	NNE	28	NE	25	NE	27	NE	24	NE	24	NE	30	NE	18	ENE	9			18·0
NE	26	NE	25	NNE	24	NNE	28	NE	31	NE	34	NE	31	NE	28	NE	19	ENE	16	ENE	14	E	4			20·7
N	15	N	18	NNE	22	NNE	21	NE	21	N	11	N	19	NE	28	NE	16	NNE	19	E	22	E	21			14·0
NW	9	WNW	8	NW	16	W	6	W	5	SW	6	W	4	ENE	20	E	33	E	30	ENE	28	ENE	28			10·8
NW	12	NNW	14	NNW	16	NNW	16	NNW	24	N	18	NNE	27	NNE	28	NE	25	NE	28	NE	24	NE	21			18·5
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			9·1
NNE	14	NNE	18	NNE	21	NE	**20**	**NE**	21	NE	15	NE	10	NE	19	E	10	E	6	E	14	ENE	13			14·0
WSW	7	W	10	NNW	15	NNW	**13**	**NW**	10	NE	8	E	10	E	18	E	24	E	23	E	18	NNW	10			9·4
NNW	16	NNW	23	N	28	NNE	**27**	**NE**	27	NE	34	NE	28	ENE	27	ENE	32	ENE	37	ENE	38	ENE	50			19·7
WSW	6	W	6	W	10	W	**9**	**SW**	6	WNW	21	N	27	N	23	N	19	N	21	N	21	N	13			18·4
NNE	17	NNE	19	NNE	21	NNE	**22**	**NNE**	15	N	24	N	30	N	28	NNE	24	NNE	14	NNE	19	NNE	18			19·0
NNW	18	N	18	N	17	N	**22**	**N**	24	N	28	N	24	N	26	NNE	27	NNE	15	N	15	NNE	15			17·7
NE	19	NE	22	NE	21	NE	**25**	**NE**	22	NE	21	NE	24	NE	28	ENE	30	E	33	E	23	E	27			19·4
W	6	ENE	7	NE	11	ENE	**13**	**NE**	23	NE	24	NNE	28	NE	30	NE	37	ENE	39	ENE	41	ENE	30			15·8
NE	24	NE	28	N	31	N	**34**	**NNW**	38	NE	34	NE	30	NE	32	NE	27	NE	22	NE	22	NE	28			25·5
	16·7		18·6		20·8		**21·8**		**23·8**		25·5		25·9		27·2		26·1		24·1		22·4		19·4			18·4

Wind Velocity (kilometres per

June, 1905.

Date	1		2		3		4		5		6		7		8		9		10		11		12	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	NE	24	NE	24	NE	28	ENE	22	ENE	21	E	15	E	18	ENE	24	NE	24	NE	[illegible]	ENE	19	[illegible]	[illegible]
2	ENE	27	ENE	24	ENE	30	ENE	37	E	35	E	28	E	34	ENE	18	ENE	15	NE	15	NNE	18	[illegible]	[illegible]
3	ENE	34	ENE	38	E	38	E	33	E	33	E	30	E	35	ENE	34	E	33	ENE	[illegible]	NE	[illegible]	[illegible]	[illegible]
4	NE	47	ENE	43	ENE	35	ENE	35	ENE	37	ENE	35	ENE	32	ENE	29	NE	32	NE	[illegible]	NE	[illegible]	[illegible]	[illegible]
5	NNE	18	NE	18	NE	13	NE	11	NE	12	NE	15	NE	18	ENE	18	ENE	18	ENE	[illegible]	NE	30	NE	[illegible]
6	E	26	ENE	27	ENE	22	ENE	21	E	27	E	16	E	13	ENE	15	E	24	E	24	ENE	16	NE	[illegible]
7	N	5	ESE	10	E	6	E	7	E	4	E	7	E	11	E	12	E	7	NNE	10	NNW	9	NNW	[illegible]
8	NE	32	ENE	28	NE	17	ENE	27	NE	19	NE	18	ENE	27	ENE	19	NE	18	NE	17	NNE	18	NNE	[illegible]
9	ENE	23	ENE	19	ENE	13	NE	11	NE	13	NE	18	NE	21	NE	27	NE	19	NE	18	NNE	19	NNE	[illegible]
10	ENE	12	ENE	13	WNW	3	WNW	2	WNW	6	SE	12	S	10	SSW	6	SSW	10	SSW	11	SW	9	W	[illegible]
11	N	18	N	15	N	13	N	6	N	5	N	7	NE	8	N	8	N	8	NE	6	ENE	10	E	[illegible]
12	E	15	ESE	13	ESE	18	ESE	21	ESE	24	SE	12	S	6	SSW	9	SSW	13	SSW	15	SW	18	SW	[illegible]
13	N	13	N	11	NW	7	NNW	11	NNW	8	NW	4	NW	12	—	—	—	—	—	—	WNW	15	WNW	[illegible]
14	N	12	NE	10	N	7	NE	4	SE	9	E	9	SE	6	S	4	SSW	5	WSW	4	SSW	6	WSW	[illegible]
15	SE	20	S	7	S	5	SSE	6	SSE	6	SE	5	SSE	7	S	15	SSW	18	SSW	21	SSW	18	SSW	[illegible]
16	N	11	N	10	N	11	NNE	10	NNE	9	NNE	10	—	—	—	—	—	—	—	—	NNW	12	NW	[illegible]
17	NNE	6	N	9	N	6	N	5	N	6	NE	4	NW	4	N	7	NNW	9	NNW	12	NW	13	NW	[illegible]
18	NNE	6	E	3	NE	7	NE	4	NE	7	NE	4	NW	5	NNW	11	NW	7	WNW	7	WNW	12	NNW	[illegible]
19	NE	11	NE	8	NE	7	NE	7	NE	9	NE	4	W	4	N	7	NNW	7	N	15	N	16	N	[illegible]
20	ENE	11	ENE	10	E	4	ENE	3	ENE	4	ENE	3	NNW	5	NW	6	NW	9	NW	10	NNW	13	NNW	[illegible]
21	E	19	E	19	E	22	E	19	E	18	E	14	E	3	S	7	SW	7	SSW	13	SSW	14	SSW	[illegible]
22	N	7	NE	6	N	9	N	13	N	9	N	10	NNW	12	NNW	7	NNW	10	NNW	15	NW	16	[illegible]	[illegible]
23	NE	12	NE	18	ENE	12	N	1	N	1	NE	2	N	4	NW	6	WSW	4	NW	17	NNW	13	NNW	[illegible]
24	E	25	E	22	E	22	ENE	17	NE	15	NE	21	NE	18	ENE	19	NE	22	NE	21	NE	21	NE	[illegible]
25	NE	13	NE	13	NE	11	NE	10	NE	11	NE	10	NE	15	NE	16	ENE	18	NE	16	NNE	22	NNE	[illegible]
26	N	13	N	18	NE	19	NE	18	NE	6	NE	15	NNE	14	NNE	11	NNE	18	NNE	16	NNE	20	NNE	[illegible]
27	N	15	NNE	15	NNE	13	NNE	14	N	12	N	11	N	10	NNE	12	NNE	13	N	11	N	15	N	[illegible]
28	N	18	N	15	N	7	N	6	E	4	E	4	N	9	N	7	NNW	9	N	14	NNW	13	NNW	[illegible]
29	NNE	7	N	3	N	4	NNE	6	NNE	4	NE	6	NNE	9	NNE	13	N	12	N	18	NW	15	NW	[illegible]
30	NNE	9	NNE	11	NE	11	N	10	N	6	N	11	NNE	13	NE	15	N	13	NE	15	NNE	7	NNE	[illegible]
Mean		17·0		16·0		14·0		13·2		12·7		12·0		13·2		13·6		14·4		16·3		16·3		

July, 1905.

Date	1		2		3		4		5		6		7		8		9		10		11		12	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	WSW	5	NNE	10	NNE	7	NNE	19	NNE	10	NNE	9	NE	18	NE	15	N	15	NNE	21	NE	16	NE	[illegible]
2	NNE	6	NE	4	NW	4	N	4	NE	7	NE	11	NE	8	NE	13	NNE	15	NE	11	ENE	13	N	[illegible]
3	NE	7	N	4	N	10	N	7	NE	7	N	3	N	4	N	7	N	11	N	9	NW	12	NW	[illegible]
4	N	7	N	7	N	9	N	12	N	7	NNE	9	NNW	7	NNW	6	NW	7	NW	9	N	13	NNW	[illegible]
5	NNW	7	N	4	ENE	4	N	10	N	3	NE	4	E	3	NW	3	WNW	2	W	4	NNW	11	NW	[illegible]
6	SE	1	NE	5	N	5	N	13	N	10	N	4	NNW	9	NNW	10	NNW	9	NNW	12	NW	13	NW	[illegible]
7	N	9	N	6	W	3	W	3	ENE	3	NE	6	NNW	13	NNW	13	NNW	15	NNW	12	NNW	10	NNW	[illegible]
8	N	3	NNE	4	NW	3	NNE	3	NE	11	NE	4	NE	3	NNW	9	NNW	18	NNW	18	N	18	NW	[illegible]
9	N	10	N	7	N	15	N	10	NE	9	N	4	N	6	NE	8	N	12	NE	13	NNE	15	N	[illegible]
10	NE	10	NE	4	NE	2	NE	1	NE	5	NNE	2	N	4	N	7	N	7	ENE	10	NE	9	NE	[illegible]
11	E	18	ESE	5	E	6	E	5	E	4	N	7	N	3	N	4	NW	11	NE	9	NE	9	NNE	[illegible]
12	NNE	15	NNE	11	NE	14	NNE	9	NE	11	NE	7	NE	18	NE	16	NE	15	NE	18	NNE	15	NNE	[illegible]
13	E	14	NE	5	ENE	6	N	7	N	4	N	11	N	11	NNE	12	NNE	18	N	15	—	—	—	[illegible]
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	NNW	9	NNW	[illegible]
15	N	11	N	12	N	11	N	8	N	7	N	4	N	7	NNW	10	NNE	13	NNW	11	N	25	NNW	[illegible]
16	NE	8	NE	8	ENE	8	E	7	E	7	NW	6	N	2	NW	6	NE	12	NE	13	NNW	7	NNE	[illegible]
17	NE	13	NE	12	NE	11	NE	10	NE	11	NE	10	NE	8	NE	18	NE	18	NE	12	NE	22	NE	[illegible]
18	E	8	E	16	E	18	E	4	E	3	E	4	N	6	NNW	7	NW	7	NW	10	E	[illegible]	NE	[illegible]
19	E	15	ENE	4	SE	7	E	11	NNW	7	NNW	12	NNW	8	NNW	7	NW	11	NW	[illegible]	NW	16	NNW	[illegible]
20	N	13	N	13	N	12	N	8	N	9	N	7	NE	12	NE	[illegible]	[illegible]	[illegible]	NW	18	N	13	N	[illegible]
21	N	13	N	12	NNE	10	NNE	9	NNE	9	NE	10	NE	11	N	[illegible]	[illegible]	18	NNE	19	N	21	N	19	NE	[illegible]
22	NNE	12	N	10	N	7	N	6	N	10	N	8	NE	9	N	[illegible]	[illegible]	12	NNW	10	NNW	14	NW	16	NW	[illegible]
23	NNW	22	NW	18	N	17	N	11	N	11	NE	9	NE	10	F[illegible]	[illegible]	ENE	9	NW	9	NW	9	NNW	11	NW	[illegible]
24	N	18	N	14	N	15	N	11	N	6	N	6	N	9	[illegible]	[illegible]	N	10	NW	11	NW	7	NNW	13	NE	[illegible]
25	NE	20	NE	10	NNW	7	NW	7	N	9	N	9	N	12	N	[illegible]	NNW	11	NW	10	NNW	13	NNW	12	NNW	[illegible]
26	N	4	NNE	8	NE	7	NE	4	NE	4	NE	10	N	[illegible]	[illegible]	[illegible]	NE	17	NNE	15	N	16	NNW	18	NNW	[illegible]
27	NE	13	NNE	6	N	5	N	5	NE	4	N	7	N	[illegible]	[illegible]	[illegible]	NNW	10	NNW	12	NNW	12	NNW	12	NNW	[illegible]
28	NE	19	NE	10	N	6	N	4	NE	4	NE	4	SE	[illegible]	13	[illegible]	4	SE	4	W	4	NNW	18	N	17	N	[illegible]
29	E	5	E	3	E	4	N	4	N	2	ENE	5	E	[illegible]	4	[illegible]	1	E	4	NW	10	NW	10	NNE	11	NNW	[illegible]
30	NE	22	NE	27	NE	21	N	4	N	12	NE	8	NE	[illegible]	1	[illegible]	7	NNE	7	N	12	N	12	N	18	NNW	[illegible]
31	NE	13	NNE	11	NE	18	NE	17	NE	10	NE	10	NE	[illegible]	7	[illegible]	16	NE	15	NE	15	NE	11	NNE	19	NE	[illegible]
Mean		11·4		9·0		9·1		7·8		7·2		7·0	[illegible]	[illegible]	8·5		10·1		12·0		12·6		14·1		[illegible]

Wind Direction.

HOURS OF OBSERVATION.																												Mean Velocity
13		14		15		16		17		18		19		20		21		22		23		24						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	V	D	V	D	V	D	V	D	V	D	V	D	D	D	V	D	V	D	V					
[illegible]	[illegible]	[illegible]	[illegible]	NE	23	NNE	21	NNE	24	NE	31	NE	36	NE	39	NE	41	NE	37	ENE	34	ENE	31					25·8
[illegible]	[illegible]	[illegible]	[illegible]	NE	20	NNE	13	NNE	23	NNE	26	NE	29	NE	41	NE	43	NE	42	NE	44	ENE	39					27·0
[illegible]	[illegible]	[illegible]	[illegible]	NE	32	NE	27	NE	38	NE	40	NE	44	NE	49	NE	45	NE	48	NE	46	NE	46					36·5
[illegible]	[illegible]	[illegible]	[illegible]	NNE	26	NNE	16	NE	24	NE	18	NE	33	NE	32	NE	30	NE	35	NE	18	NE	18					28·7
[illegible]	27	NNE	18	NNE	27	NE	26	NE	27	NE	28	NE	33	NE	31	ENE	28	ENE	26	ENE	33	ENE	25					23·4
[illegible]	17	NNE	16	NE	19	N	18	NNE	16	NNE	18	ENE	23	E	33	E	32	E	28	E	18	N	11					20·6
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	NE	38	NE	37	NE	37	NE	35	NE	34					16.4
[illegible]	19	NNE	17	NNE	19	NNE	21	NNE	21	NNE	18	NNE	24	NE	30	NE	27	NE	28	NE	27	ENE	22					22·1
[illegible]	21	NNE	24	NNE	26	NNE	27	NNE	27	NNE	26	NNE	21	NE	24	ENE	20	E	15	E	18	E	10					19·9
[illegible]	13	NW	13	W	11	W	16	N	30	N	30	N	27	N	25	N	15	NE	7	N	9	N	14					13·0
[illegible]	13	NW	18	N	19	N	19	NNE	18	N	12	NE	9	NE	6	NE	8	ENE	12	E	18	E	14					11·7
[illegible]	19	SW	18	SW	22	NNW	35	NNW	37	NNW	36	N	30	N	30	N	22	NNW	21	N	18	N	15					20·4
[illegible]	21	NW	21	NW	26	NW	25	NW	32	NW	28	NW	26	NW	21	NNW	16	N	11	N	11	NNE	10					16·6
[illegible]	5	N	8	NNW	8	N	8	N	7	N	6	NE	8	E	11	E	15	ESE	18	SE	21	SE	22					9·0
[illegible]	14	W	25	WNW	34	WNW	30	NW	27	NW	26	NNW	29	N	25	NNW	27	NNW	26	NNW	27	N	20					18·8
[illegible]	16	WNW	19	NW	24	WNW	13	NW	30	NNW	21	NNW	27	N	24	N	28	N	13	N	10	N	3					15·8
[illegible]	22	NW	17	NW	21	NW	24	NNW	32	NNW	30	N	19	N	16	N	13	N	8	N	6	N	10					13·2
[illegible]	17	NNW	19	NW	18	NNW	16	NNW	19	NNW	26	N	30	N	24	N	25	NNE	16	NE	11	NE	8					13·1
[illegible]	15	N	15	NNW	18	NNW	21	NW	21	NW	21	N	27	N	26	N	22	NE	13	NE	11	NE	10					13·8
[illegible]	7	NW	15	NNW	14	NNW	13	NNW	7	N	13	N	9	N	10	N	10	ENE	29	E	28	E	27					11·4
[illegible]	14	WSW	18	WSW	13	SSW	20	SSW	19	SW	17	NW	24	N	23	N	19	N	7	N	4	N	7					14·8
[illegible]	15	NW	16	NW	20	NNW	21	NNW	27	N	24	N	21	N	22	NNE	22	NE	15	NE	16	ENE	16					15·1
[illegible]	10	NNW	27	NNW	28	NNW	21	N	21	NNE	10	NE	26	NE	28	NE	31	NE	30	NE	28	NE	28					16·6
[illegible]	25	NE	23	NE	26	NE	24	NNE	26	NNE	31	NNE	26	NE	30	NE	26	NE	26	NE	21	NE	21					22 9
[illegible]	25	NNE	25	NNE	24	NE	25	NNE	24	NNE	26	NE	30	NE	28	NE	24	NE	26	NE	22	NE	15					19·7
[illegible]	22	N	21	N	24	N	22	N	24	N	29	N	26	N	25	N	21	N	16	N	16	N	18					18·7
[illegible]	17	NNE	18	NNW	22	NNW	18	NNW	26	NNW	31	NNW	30	NNW	31	N	22	N	16	N	13	N	15					17·3
[illegible]	18	NNW	18	NNW	24	NNW	24	NNW	27	N	29	N	25	N	24	N	18	N	16	N	13	NNE	11					15·4
[illegible]	15	NW	16	NW	16	NW	15	NNW	16	NNW	15	NNW	25	N	27	NNE	22	NE	18	NE	11	NNE	10					13·2
[illegible]	18	NE	9	NNE	22	NNE	18	NNE	6	NNE	22	NE	19	NE	30	NE	15	NE	30	NE	13	NE	22					15·1
	17·9		18·4		21·6		20.6		23·3		23·7		25·4		26·8		24·1		22·3		20·0		18·4					18·2

HOURS OF OBSERVATION.																												Mean Velocity
13		14		15		16		17		18		19		20		21		22		23		24						
[illegible]	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V					
[illegible]	18	NE	18	NE	18	NE	19	NE	19	NW	21	NE	22	NE	30	NE	26	NNE	12	N	12	NE	13					16·3
[illegible]	15	ENE	15	N	18	NNE	18	N	16	N	22	N	18	NE	11	E	30	E	27	N	18	N	13					13·8
[illegible]	13	NW	13	NW	16	NW	19	NW	19	NW	18	NNW	18	NNW	24	N	22	NE	15	N	9	N	6					12·0
[illegible]	13	NNW	14	NNW	18	NW	15	N	18	N	15	N	9	N	11	N	26	N	21	N	13	N	8					11·9
[illegible]	19	NW	28	NW	24	NNW	22	N	27	N	30	N	27	N	23	NE	18	NE	15	NE	13	E	2					13·7
[illegible]	16	NW	15	NW	18	NW	22	NNW	22	NW	26	NNW	25	NNW	24	NNE	25	NE	24	NNE	11	NE	12					14·4
[illegible]	15	NNW	12	NNW	18	NNW	18	N	15	N	14	N	26	NNE	26	NE	28	NE	20	NE	18	N	8					13·5
[illegible]	13	NW	18	NNW	18	NNE	19	N	16	N	16	N	12	N	10	NE	22	ENE	30	NE	27	E	25					14·0
[illegible]	18	NNE	18	NNE	18	NNE	21	NNE	19	N	18	N	24	N	25	NE	21	NE	17	NE	15	NE	10					14·7
[illegible]	12	NNW	15	NNW	11	N	18	NNW	18	NNW	7	N	18	NNE	13	NE	18	NE	32	NE	27	E	32					12·2
[illegible]	13	NNE	14	NNW	18	NNW	18	NNW	14	N	16	NE	13	NE	19	NE	42	ENE	35	ENE	35	NNE	15					14·3
[illegible]	13	NNW	15	NNW	22	NNW	18	NNW	24	NNW	30	N	18	N	24	NE	11	NE	30	NE	14	NE	19					16·4
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					10·3
[illegible]	19	NNW	19	NNW	19	NNW	22	NNW	25	NNW	15	N	26	N	13	N	22	N	18	N	9	N	12					17·3
[illegible]	22	NE	18	NNW	18	NW	18	NW	18	NE	21	N	24	NNE	28	NE	26	NE	30	NE	22	NE	19					17·0
[illegible]	18	N	13	N	21	N	21	N	13	NE	20	N	27	N	13	N	26	N	11	NE	18	NNE	12					13·1
[illegible]	26	NNE	30	NNE	29	NNE	33	NE	34	NE	32	NE	30	ENE	29	NE	24	NE	18	E	18	E	7					19·9
[illegible]	7	N	19	NNE	15	NNE	14	NNW	17	NE	12	ENE	13	E	15	E	33	E	25	E	27	E	27					13·7
[illegible]	18	NNW	18	NW	17	NW	24	NW	37	NW	35	N	31	N	31	NNE	28	NNE	23	NNE	21	NNE	13					17·4
[illegible]	18	NW	17	NW	18	N	21	NW	21	N	19	N	21	N	20	NNE	24	NNE	24	NNE	21	NNE	19					16·5
[illegible]	12	NNW	22	NNW	20	N	22	N	22	N	18	N	25	NE	18	NE	23	NE	24	NE	11	NE	15					16·8
[illegible]	15	NNW	15	NW	18	NW	21	NW	21	NNW	21	NNW	26	N	18	NNW	21	NNW	24	NNW	22	NNW	21					15·5
[illegible]	13	NNW	10	NNW	12	NNW	15	NNW	15	N	15	N	16	N	26	N	19	N	22	N	20	N	11					14·2
[illegible]	17	NNW	16	NW	19	NW	21	NW	18	N	21	N	28	N	29	N	21	N	18	N	18	N	13					15·5
[illegible]	7	NNW	11	NNW	12	NNW	15	NNW	10	NNW	18	N	16	N	18	N	15	NNE	22	N	13	NE	15					12·7
[illegible]	24	NNW	24	N	21	N	22	N	22	N	22	N	25	N	26	NE	28	NE	28	NNE	13	NE	18					17·0
[illegible]	15	NNW	15	NNW	14	NNW	18	NNW	19	N	19	N	18	N	22	NE	21	NE	28	NE	17	NE	18					13·7
[illegible]	21	NNW	21	NNW	27	NNW	28	NNW	31	N	24	N	19	N	15	N	12	NE	15	E	18	E	17					15·2
[illegible]	13	NNW	15	NW	15	NNE	8	NNW	13	NE	15	NE	18	ENE	13	ENE	37	ENE	18	NE	32	NE	35					12·4
[illegible]	17	NNW	16	NW	15	NNW	19	NNW	18	N	22	NE	23	NE	33	NE	30	N	18	NE	15	NE	15					16·8
[illegible]	19	N	22	NE	17	N	22	NE	24	NE	13	N	32	NNE	18	NE	29	NE	15	NE	26	NE	11					17·4
	16·0		17.2		18·1		19·7		20·2		19·8		21·6		20·8		24·3		22·0		18·4		15·4					14·8

Wind Velocity (kilometres per

August, 1905.

Date	Hours of Observation. 1		2		3		4		5		6		7		8		9		10		11		1[illegible]
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	NE	15	NNE	15	NNE	10	N	10	NNE	5	NE	13	N	16	N	18	ENE	11	ENE	15	NNE	16	NNE
2	NE	15	NE	10	N	9	NE	12	NE	8	NE	6	N	14	NNE	13	NNW	11	N	6	N	11	NNW
3	N	8	N	7	N	9	N	7	N	8	NE	4	N	8	N	12	N	12	NNW	8	NNW	9	NW
4	N	10	N	10	N	10	N	7	N	7	N	4	N	10	NNW	10	NW	7	NNW	10	NNW	10	NNW
5	NE	18	NE	7	E	3	E	2	N	7	NNW	4	N	6	NW	5	NW	7	NNE	9	NNW	11	NNW
6	E	22	NE	11	NE	5	ENE	8	ENE	11	NNW	6	NNW	10	NW	9	NNW	17	NNW	14	NNE	15	NNE
7	NE	4	N	7	NE	7	NE	10	N	6	N	3	N	4	NW	10	NNW	7	NNW	10	NNW	10	NW
8	N	9	N	6	E	9	E	7	E	4	E	1	E	1	ENE	3	W	4	W	4	WNW	9	NW
9	N	6	N	4	N	3	N	4	N	7	N	10	N	11	N	10	NW	9	NW	10	—	—	NW
10	N	5	N	9	N	11	N	6	NE	9	N	7	N	10	NNE	9	NNW	10	NNW	10	NNW	11	NNW
11	NNE	10	NE	15	E	8	ENE	4	E	2	N	4	N	12	NNW	11	N	10	NNW	15	NNE	13	NW
12	NE	7	NE	7	NE	4	NNE	4	N	5	N	10	NE	9	N	7	NNW	10	NNW	11	NNW	18	NNW
13	N	7	N	7	N	6	N	5	N	4	N	4	NNW	5	NW	7	NNW	11	NNW	5	NNW	16	NNW
14	N	10	N	9	N	10	N	13	N	9	N	10	N	9	N	10	N	13	N	11	NW	15	N
15	NNW	7	N	3	NNW	4	N	8	N	7	NNW	6	N	10	NE	10	NE	10	NNW	10	NNE	13	NNE
16	ENE	15	N	4	N	9	N	15	N	13	N	13	N	12	N	13	NNW	18	NNW	17	NNW	15	NE
17	N	6	NE	10	NE	7	N	6	N	7	NE	6	NE	8	NE	14	NNE	15	NNE	18	NNW	18	NNW
18	N	10	N	10	N	7	N	7	N	7	N	13	N	14	N	21	NNE	19	NNE	17	N	22	NNW
19	N	15	N	13	N	12	N	10	N	10	N	5	N	7	NE	18	NNE	19	NNE	17	N	15	NNW
20	N	12	N	10	N	12	N	9	N	9	N	5	N	7	NE	15	N	15	N	18	N	13	N
21	NE	18	NE	20	NE	21	NE	22	N	16	NE	18	NE	21	NE	15	N	13	N	16	N	22	N
22	N	9	N	7	N	6	N	3	ENE	10	NE	5	NNE	9	NNE	9	N	12	N	18	NE	21	NNE
23	N	9	N	10	N	9	N	6	N	6	N	7	N	9	NE	10	NNE	10	NNE	10	N	15	NNW
24	NNE	15	N	12	N	10	N	13	N	7	N	7	N	9	NW	10	NNW	13	N	13	NNW	16	NNW
25	NNE	13	N	12	N	13	N	10	N	11	N	11	N	10	N	12	N	12	N	18	N	16	N
26	NNE	9	NNE	7	NNE	9	NNE	10	NNE	11	NNE	7	NE	11	NE	16	NE	16	NE	17	NE	18	NNE
27	NE	19	NE	21	NE	18	NE	13	NE	9	N	9	NNE	13	NE	16	NE	16	NNE	18	NE	22	NNE
28	N	7	N	7	N	9	N	7	N	6	N	9	N	16	N	15	NNW	15	NNW	15	N	18	N
29	NE	5	NE	4	NE	5	NE	7	NE	6	NE	10	NNE	11	N	12	NNW	13	NNW	10	NW	7	NW
30	NE	11	ENE	12	ENE	6	ENE	5	ENE	3	ENE	1	ENE	4	N	10	NNW	10	NW	11	NNW	13	NNW
31	NE	9	NE	7	NE	9	NE	4	NE	2	NE	3	NE	6	NNW	16	NW	18	NNW	15	N	18	NNE
Mean		10·8		9·4		8·7		8·2		7·5		7·1		9·7		11·8		12·4		12·8		14·9	

September, 1905.

Date	Hours of Observation. 1		2		3		4		5		6		7		8		9		10		11		1[illegible]
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	NE	3	NE	6	NE	3	NE	6	NE	4	NE	9	N	15	N	12	NW	10	NW	10	NNW	16	NNW
2	N	17	N	6	N	7	N	13	N	13	N	9	N	11	N	10	N	10	NNW	13	NNW	17	NNW
3	N	11	N	12	N	8	N	10	N	13	N	7	N	12	N	15	NNW	15	NNW	11	NNW	13	NNW
4	N	7	N	6	N	4	N	6	N	7	N	4	NNE	9	NNE	10	N	7	NE	7	NNW	13	NNW
5	E	13	E	12	E	13	E	14	ENE	6	ENE	6	N	4	N	4	NNW	10	NNW	14	NNW	15	NNW
6	NE	18	NE	15	NE	13	NE	7	NE	9	NE	9	NE	11	NE	11	N	12	N	15	N	19	N
7	ENE	9	N	10	N	13	N	7	N	6	N	4	N	11	NNE	16	NNE	13	NE	18	NE	24	NE
8	NE	26	NE	28	NE	26	NE	22	NE	22	NE	22	ENE	15	ENE	24	ENE	28	ENE	25	NE	24	NE
9	NNE	13	N	10	N	12	NNE	13	NNE	13	NE	7	NE	10	ENE	19	ENE	30	ENE	29	ENE	23	ENE
10	ENE	17	NE	21	NE	27	NE	28	NE	23	ENE	14	NE	15	NE	18	NE	21	NE	21	NNE	27	NNE
11	NE	16	NNE	15	NNE	15	NNE	11	NNE	12	NNE	15	NE	13	NE	16	NNE	16	NE	16	NNE	19	NNE
12	NNE	13	NNE	14	NNE	16	NNE	13	NNE	14	NNE	13	NNE	12	NE	13	NE	13	NNE	12	N	12	NNW
13	NNE	7	NNE	7	NNE	6	NNE	7	NNE	8	NNE	9	NNE	10	NNE	10	N	12	N	15	NNE	13	NNE
14	NNE	12	NNE	10	NNE	4	NNE	6	NNE	7	NNE	4	NNE	10	NNW	18	NNW	18	NNW	20	NW	16	NNW
15	N	10	N	7	N	6	N	6	N	6	N	5	N	6	N	11	N	13	N	12	NW	12	NNW
16	N	10	N	8	NE	7	NE	6	NE	10	NE	7	NE	10	NNE	9	N	7	NNW	7	NNW	15	NNW
17	N	13	N	11	N	16	NNE	17	NE	15	NE	15	NE	14	NE	20	NE	21	NE	15	NE	21	NE
18	NNE	10	NNE	12	NNE	13	NNE	18	NNE	9	NNE	4	NNE	11	NE	10	N	10	NNE	13	N	18	N
19	NE	6	NE	10	NE	7	NW	6	NNE	10	NNE	4	NNE	7	N	10	N	16	N	15	N	14	NNW
20	N	9	N	11	N	10	N	10	N	10	N	7	N	10	N	12	N	11	NNE	9	N	10	NNW
21	NE	21	NE	18	NE	21	NE	13	NE	21	ENE	24	ENE	24	ENE	27	ENE	22	NE	13	NNE	13	N
22	ENE	7	ENE	18	ENE	20	NE	25	NE	32	NE	30	NE	28	NE	29	NE	24	NE	15	NE	19	NNE
23	NE	19	NNE	18	NNE	15	NNE	18	NNE	18	NNE	21	NNE	18	NE	18	NE	18	NE	16	NE	25	NE
24	NE	21	NE	19	ENE	16	ENE	13	NE	9	NNE	11	ENE	15	NNE	16	NE	16	NE	18	NNE	21	NNE
25	NNE	7	NNE	7	NNE	6	NNE	7	NNE	6	NE	7	N	6	N	13	N	15	N	14	NNE	17	NNE
26	NE	10	NE	7	NE	7	NE	7	NE	8	NE	7	NE	6	NE	6	N	9	NNW	12	NNW	13	NNW
27	ENE	16	ENE	13	N	2	N	4	N	6	NE	5	NE	4	NNE	7	NNE	6	WSW	4	WSW	7	W
28	ENE	2	ENE	3	ENE	7	E	16	E	12	E	10	E	4	E	4	NW	6	NW	11	NW	13	NW
29	ENE	16	ENE	4	ENE	10	ENE	2	ENE	1	ENE	5	ENE	3	ENE	4	NNW	14	NNE	9	—	—	—
30	E	14	SE	7	N	7	ENE	7	ENE	18	ENE	22	ENE	12	ENE	11	ENE	9	NE	12	NE	18	NE
Mean		12·4		11·5		11·2		11·3		11·6		10·5		11·2		13·4		14·4		14·0		16·8	

Wind Direction.

HOURS OF OBSERVATION.

3	14		15		16		17		18		19		20		21		22		23		24		Mean Velocity
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
[illegible]	[illegible]	[illegible]	NNW	21	N	21	NNW	22	NNW	18	N	18	N	22	NE	26	NE	22	N	14	NE	13	16·4
[illegible]	[illegible]	[illegible]	NNW	22	NW	13	NNW	24	N	21	N	12	N	23	N	23	NNE	22	NE	18	NE	10	14·7
[illegible]	[illegible]	9	NW	13	NNW	13	NNW	13	N	12	NE	12	NNW	18	N	24	N	15	N	17	N	15	11·4
[illegible]	[illegible]	15	NNW	12	N	18	NNW	19	NNE	19	N	30	N	21	N	25	NE	19	NE	11	NE	23	13·8
13	NW	9	NNW	12	NNW	15	NNW	18	N	15	NE	21	NE	27	NE	30	ENE	26	E	25	E	22	13·4
9	NW	21	NNW	19	NNW	14	NNW	22	NW	18	N	13	N	30	N	23	NNE	21	N	21	N	10	15·0
23	NW	15	NNW	15	NNW	21	NW	21	N	22	NE	22	NNE	18	N	16	NNE	11	N	11	N	10	12·5
11	NNW	18	NNW	19	NNW	16	NW	18	N	19	N	15	N	22	N	19	NE	16	NNE	10	N	11	11·1
15	NW	16	NNW	13	NNW	18	NNW	18	N	18	N	18	N	21	N	22	N	15	N	12	NNE	12	12·4
18	NNW	19	NNW	20	N	18	NNW	19	N	18	N	19	N	30	NE	24	NE	30	NE	28	NE	19	15·6
13	NNW	13	NNW	15	NNW	15	N	15	N	15	NE	17	N	27	N	23	N	21	NE	15	N	9	13·2
15	NNW	22	NNW	22	NNW	13	NNW	26	N	18	N	19	N	18	N	12	N	21	N	15	N	13	13·6
16	NNW	22	N	21	NNW	20	NNW	22	N	20	N	21	N	20	N	22	N	11	N	15	N	13	13·2
18	NNW	18	NNW	16	NW	17	N	14	NE	13	NE	12	NE	18	NE	30	NE	21	NE	16	NE	13	14·2
18	NNW	22	NW	25	NNW	22	NNW	24	N	21	N	18	NNE	17	NE	15	ENE	19	NE	21	NE	17	14,5
15	NNW	19	NNW	21	N	18	NNE	21	NNE	20	NNE	22	NNE	30	NE	27	NE	22	NE	19	NNE	13	17·0
21	N	26	NNW	25	N	27	N	26	N	24	N	24	N	22	N	15	N	16	NNE	15	N	15	16·4
24	N	26	N	16	N	22	N	22	N	22	N	24	N	22	N	26	N	18	N	16	N	13	17·5
16	NNW	19	NNW	18	NNW	18	N	18	N	21	N	24	N	25	N	25	N	24	N	18	N	11	16·5
21	NNE	22	NNE	26	NE	24	NNE	22	NNE	24	NE	27	NE	29	NNE	25	NE	21	NE	22	NE	20	18·0
25	NNE	18	NNE	26	NNE	26	N	25	N	24	N	26	N	26	N	25	NE	24	NE	21	NNE	10	21·0
19	N	18	N	17	N	21	N	19	N	13	NE	11	NE	23	NE	27	NNE	20	NE	23	NE	21	15·0
19	NNW	18	NNW	21	NW	16	N	18	N	16	N	18	N	21	NE	18	NE	21	NE	16	N	11	14·0
19	NNW	21	NNW	22	NNW	21	N	27	N	22	N	16	NNE	28	NNE	22	NE	24	NE	23	NNE	13	16·6
20	N	18	NNW	19	N	20	N	18	N	21	N	16	N	19	N	24	NNE	22	NNE	24	NNE	18	16·7
18	NE	20	N	23	NNE	22	NNE	25	N	24	NE	22	NE	23	NE	22	NE	24	NE	20	NE	21	17·2
21	NNE	23	N	21	N	25	N	24	N	21	NNE	22	NE	30	NE	27	NE	23	NNE	13	NNE	9	19·0
15	N	18	N	21	NNE	21	N	21	N	20	N	11	N	22	N	21	N	13	N	15	NNE	4	14·2
10	NNW	13	NNW	11	NNE	13	N	15	NNE	11	NE	6	N	18	N	18	NNE	16	NNE	18	NE	13	10·9
18	NNW	18	N	18	NNE	16	N	16	NNE	13	NNE	10	NE	22	ENE	25	ENE	22	ENE	18	ENE	18	13·2
18	N	20	N	15	N	19	N	19	NE	18	NE	20	NE	24	NE	31	NE	26	NE	24	NE	12	15·5
16·9		18·5		18·9		18·8		20·4		18.7		18·2		23.1		23·0		20·2		17·9		13·9	15·0

HOURS OF OBSERVATION.

3	14		15		16		17		18		19		20		21		22		23		24		Mean Velocity
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
28	NNW	22	NNW	20	NNW	25	N	21	N	30	N	25	N	23	N	21	N	22	N	15	N	18	15·9
20	NNW	21	NNW	18	NNW	18	NNW	30	N	33	N	25	N	24	N	24	N	18	N	12	N	12	16·6
16	NNW	21	NNW	16	N	15	NNE	18	NNE	18	N	28	NNE	28	NE	27	NE	22	NE	20	NNE	10	15,9
19	NNW	18	NNW	16	N	22	N	21	NNE	15	NNE	18	NNE	20	NNE	21	NE	18	ENE	17	E	18	13·3
16	N	16	NNW	16	NNW	13	N	20	N	24	NNE	21	NNE	32	NNE	31	NE	26	NE	22	NE	20	16·1
21	NNE	21	NNE	24	NNE	22	NNE	23	NNE	18	NNE	15	NNE	16	NE	19	NE	19	NE	23	NE	20	16·7
30	NNE	26	NNE	32	NE	18	NE	30	NE	31	NE	22	NE	19	NE	19	NE	22	NE	26	NE	30	19·2
24	NE	21	NE	28	NE	29	NE	27	NE	27	NE	34	NE	32	NE	35	NE	28	NE	24	NE	23	25·8
24	NE	27	NE	26	NE	13	NE	30	NE	25	NE	27	NE	24	NNE	21	NE	10	NE	19	NE	22	19·5
27	NNE	27	NNE	27	NNE	24	NNE	21	NNE	22	NNE	23	NNE	22	N	15	NNW	12	N	12	NE	18	21·1
21	NNE	21	NNE	20	N	15	N	21	NNE	20	NNE	16	NNE	27	NNE	24	NNE	19	NNE	17	NNE	15	17·4
19	NW	20	NNW	15	NNW	14	NNW	18	NNE	15	NNE	13	NNE	16	NNE	21	NNE	20	NNE	15	NNE	8	14·8
18	NNE	19	NNE	18	NNE	15	N	23	N	21	N	21	NNE	24	NNE	25	N	18	NNE	18	NNE	22	15·2
18	NNW	19	N	16	N	16	N	21	N	24	N	27	N	28	N	22	N	17	N	18	N	9	15·8
16	NNW	19	NNW	18	NNW	19	N	19	NNE	22	N	27	NNE	21	NNE	12	N	7	N	10	N	12	12·8
19	N	19	N	21	NNE	22	NNE	21	NNE	18	N	15	NE	15	N	10	N	13	NNE	12	NNE	10	12·8
30	NNE	24	NNE	28	NE	27	NNE	27	NNE	30	NNE	28	NNE	25	N	15	NNE	18	NNE	22	NNE	19	20·6
19	N	19	N	22	N	24	N	20	NNE	15	NE	18	NE	21	NE	23	ENE	26	ENE	19	NNE	7	15·8
15	NW	24	NW	22	N	18	NNE	18	NNE	18	N	21	N	26	N	21	N	22	N	15	N	10	14·7
19	NW	24	NW	24	NW	24	NNW	21	N	17	N	15	N	15	NNE	22	NE	25	NE	27	NE	25	15·9
22	N	22	N	27	N	24	N	27	N	22	NNE	32	NE	33	NE	33	NE	27	NE	7	NE	15	22·0
21	N	24	NE	22	NNE	22	NNE	21	NNE	19	NNE	21	NE	21	ENE	19	ENE	18	ENE	19	ENE	20	21·5
21	NNE	21	NNE	22	NNE	28	NNE	24	NNE	27	NE	25	NE	27	NE	27	NNE	19	NE	15	NE	18	20·8
22	NNE	22	NNE	25	NNE	25	NNE	24	NNE	22	NNE	27	NNE	22	NNE	9	NE	9	NE	11	NE	10	17·7
21	N	22	NNW	25	NNW	24	N	21	N	21	NNE	22	NNE	22	NNE	21	NNE	24	NE	21	NE	15	15·9
13	NW	16	NW	12	NNW	20	NNW	15	NNE	12	NE	12	NE	13	NE	12	NNE	15	NNE	13	NNE	13	11·4
12	NNW	10	NNW	10	NW	10	NW	13	N	13	NNE	13	NE	12	NE	10	NE	13	ENE	16	ENE	13	9·6
13	WNW	16	NW	16	NNW	13	NNW	15	N	11	NNE	13	NE	13	ENE	15	ENE	15	ENE	16	ENE	19	11·7
—	—	—	—	—	N	22	N	14	N	22	NNE	18	NE	27	ENE	28	ENE	30	ENE	28	E	18	14·5
15	NNE	21	NNE	22	NNE	28	N	31	NNE	31	NE	32	NE	33	ENE	34	ENE	37	ENE	32	ENE	13	20·0
20·0		20·8		21·0		20·3		21·8		21·4		21·8		22·7		21·2		19·6		18·0		16 ·1	16·7

Wind Velocity (kilometres per

October, 1905.

Date	Hours of Observation. 1		2		3		4		5		6		7		8		9		10		11		12
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	NNE	7	ENE	2	ENE	4	NE	6	NE	8	NE	13	NE	8	NE	10	NE	16	NE	22	ENE	19	ENE
2	ENE	23	N	12	ENE	17	ENE	28	ENE	27	ENE	15	N	4	ENE	18	E	21	NE	14	ENE	19	ENE
3	ENE	21	ENE	19	ENE	18	ENE	19	ENE	19	ENE	16	ENE	7	ENE	7	ENE	10	NE	13	ENE	13	ENE
4	E	44	E	41	E	49	E	49	E	55	E	49	E	52	E	44	E	44	E	42	E	38	E
5	ENE	24	E	31	ENE	15	N	4	NNE	10	NE	10	ENE	18	ENE	25	ENE	17	ENE	10	NE	10	NNE
6	NE	10	NE	7	NNE	13	NNE	13	NE	13	NE	18	NE	22	NE	24	NE	35	NE	34	ENE	34	ENE
7	ENE	18	NE	16	ENE	21	ENE	22	ENE	19	ENE	9	ENE	4	ENE	6	NE	13	ENE	13	ENE	18	NNE
8	ENE	21	ENE	17	NNE	18	NNE	15	NE	15	NE	17	NE	18	NE	18	NE	21	ENE	24	NE	28	NE
9	NE	6	NE	9	ENE	13	ENE	8	N	2	E	4	E	3	N	7	NE	15	ENE	15	NE	18	NE
10	E	24	ENE	20	ENE	11	ENE	15	E	18	E	4	E	14	E	18	ENE	20	ENE	25	ENE	24	ENE
11	ENE	46	ENE	44	ENE	49	ENE	53	ENE	52	E	52	E	52	E	47	E	49	E	41	ENE	42	ENE
12	NE	10	NNE	12	NNE	10	NNE	13	NNE	15	NNE	11	ENE	30	ENE	24	ENE	35	ENE	39	ENE	42	ENE
13	E	37	ENE	18	ENE	15	ENE	10	E	17	N	9	NE	9	NW	6	N	12	E	16	ENE	22	ENE
14	NE	9	NE	12	N	7	SE	3	SE	6	N	4	NE	3	NW	10	E	13	NNW	12	ENE	18	NE
15	NE	4	NE	3	N	7	NE	6	E	12	ESE	8	SE	6	S	6	S	6	SSW	9	SSW	10	SSW
16	SE	3	NW	7	NNW	14	NNW	10	NNW	21	N	15	NE	13	NNE	12	NE	10	N	7	NNE	13	NNW
17	ENE	27	ENE	25	ENE	27	ENE	28	ENE	25	ENE	15	ENE	21	ENE	20	ENE	22	ENE	22	NE	18	NNE
18	ENE	15	ENE	7	NW	2	ENE	7	NW	3	NE	1	E	3	E	2	NW	7	NNW	10	NNE	15	N
19	E	1	ESE	4	ESE	1	ESE	6	ESE	15	SE	3	SE	7	S	5	SSW	6	S	8	SW	9	SW
20	NE	9	NE	5	NE	4	NE	2	NE	1	—	0	NE	2	S	6	SSW	4	W	6	W	13	NW
21	N	6	ENE	7	ENE	6	ENE	10	ENE	11	ENE	6	ENE	7	ENE	3	ENE	3	ENE	3	NW	4	W
22	E	22	E	28	E	34	E	28	E	26	E	25	E	21	E	27	E	27	E	22	ESE	22	ESE
23	ENE	19	ENE	12	N	8	ENE	10	E	18	NE	15	ENE	15	E	15	E	6	SE	4	SSW	4	WSW
24	NNE	7	N	6	N	7	N	7	N	8	N	4	N	8	N	12	N	11	N	15	N	15	NNW
25	NE	1	NE	1	NE	1	NE	1	NE	4	—	0	NE	4	NE	4	N	3	NE	3	NW	11	NW
26	E	19	E	13	E	20	E	19	E	16	E	7	E	6	ENE	17	ENE	36	ENE	33	ENE	30	NE
27	ENE	31	ENE	32	ENE	21	NE	19	ENE	21	ENE	28	NE	28	ENE	25	ENE	32	ENE	29	ENE	30	NE
28	NE	15	NNE	13	N	9	E	10	NW	10	ESE	4	N	10	NE	19	N	15	N	13	N	14	NNE
29	N	15	N	12	N	9	N	6	N	4	N	6	—	0	N	1	NW	8	NW	13	NW	18	NW
30	N	18	N	18	N	16	N	16	N	9	N	7	N	8	N	3	N	8	N	13	N	15	N
31	N	13	N	10	N	7	N	7	NNE	13	NNE	12	NNE	10	NNE	9	N	8	N	14	NNE	14	NE
Mean		16·9		14·9		14·6		14·5		15·9		12·5		13·3		14·5		17·2		17·5		19·4	

November, 1905.

Date	Hours of Observation. 1		2		3		4		5		6		7		8		9		10		11		1
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	E	15	E	13	E	10	E	7	E	9	E	14	E	9	E	10	ENE	17	ENE	18	ENE	18	ENE
2	E	23	ENE	12	ENE	1	ENE	4	ENE	9	ENE	12	E	9	E	17	ENE	16	ENE	21	NE	15	NE
3	NE	15	NE	7	NE	7	NE	10	NE	8	NE	9	NE	6	NE	21	ENE	26	ENE	13	ENE	24	NE
4	NE	18	NE	19	NE	18	NE	18	NE	20	NE	26	NE	27	NE	32	NE	37	NE	38	ENE	27	ENE
5	NE	28	NE	21	NE	24	NE	26	NE	29	NE	30	NE	27	ENE	33	ENE	42	ENE	38	ENE	35	ENE
6	ENE	29	ENE	24	ENE	32	ENE	31	ENE	24	ENE	18	ENE	23	ENE	27	ENE	31	ENE	31	ENE	27	ENE
7	ENE	30	ENE	28	E	21	E	16	E	20	E	22	E	32	E	27	ENE	27	ENE	25	ENE	23	ENE
8	E	13	S	4	E	7	ENE	9	E	6	E	16	E	13	E	32	E	24	E	26	ENE	24	ENE
9	E	15	E	13	SSE	7	ESE	8	ESE	7	ESE	10	N	13	E	32	E	34	E	30	E	33	E
10	NE	10	NE	9	ENE	12	E	7	ENE	10	E	12	E	6	SE	5	SE	4	SE	4	SW	3	W
11	E	4	E	2	E	2	E	3	E	3	E	5	E	4	E	1	E	1	E	4	E	4	S
12	NE	5	NE	3	NE	3	NE	4	NE	6	NE	5	NE	5	ENE	9	NNW	13	N	6	NNW	7	NNW
13	SE	18	S	16	SSW	14	SSW	11	SSW	7	SSW	7	SSW	13	SSW	15	SW	16	SW	22	SW	17	SW
14	SW	7	S	10	S	8	S	10	S	13	S	15	S	14	S	15	SSW	15	SW	15	SW	21	SW
15	S	3	S	7	SSE	9	SE	13	SE	15	SE	15	SE	11	SE	7	S	8	SSW	9	SW	9	SW
16	E	19	E	13	E	18	E	21	E	7	E	13	E	4	E	2	N	9	E	16	ESE	18	E
17	E	6	N	9	NNE	10	NE	7	NE	6	ENE	6	ENE	4	ENE	4	N	7	N	9	NNW	14	NW
18	ENE	19	N	7	E	22	E	23	NNE	8	E	25	E	16	N	9	NW	10	NE	15	NE	20	N
19	NNE	6	NE	17	ENE	24	ENE	27	ENE	29	ENE	32	ENE	30	ENE	30	ENE	21	ENE	18	ENE	21	NE
20	NE	16	NE	15	NE	19	NE	15	NE	4	ENE	5	NE	6	NE	12	NE	15	NE	18	NE	18	NE
21	ENE	32	NE	17	NE	9	ENE	10	NE	13	NE	15	NE	13	NNE	15	NE	16	ENE	18	ENE	22	NE
22	NE	13	NE	22	NE	14	NE	7	NE	11	NE	6	NE	10	NE	15	ENE	10	NE	13	ENE	20	ENE
23	ENE	13	E	11	E	4	E	4	NE	1	NE	6	ENE	24	NE	19	NE	24	NE	24	NE	28	NE
24	ENE	25	ENE	13	ENE	3	ENE	1	ENE	6	ENE	8	ENE	9	ENE	4	NE	8	N	9	NNW	17	N
25	NE	15	ENE	13	ENE	12	ENE	12	ENE	10	ENE	6	ENE	6	ENE	8	NE	9	NNE	20	NE	16	NE
26	NNE	5	NE	9	NE	7	NE	6	NE	7	NE	3	NE	4	NE	3	N	7	NW	13	NW	10	NW
27	ENE	6	SE	7	SE	10	SE	9	SE	6	SE	10	SE	15	SE	10	S	13	SSW	15	SW	17	SW
28	SW	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	SW	16	SW	13	SW	19	SW
29	NW	6	SW	4	SW	4	SW	4	SW	4	SW	2	SW	6	SSW	7	S	4	S	6	S	6	S
30	ESE	12	E	11	E	9	E	6	E	5	E	6	E	7	N	6	N	6	NW	9	NW	10	N
Mean		14·3		12·3		11·7		11·3		10·4		12·4		12·6		14·7		16·2		17·2		18·3	

nd Direction.

	HOURS OF OBSERVATION.																						Mean Velocity
	14		15		16		17		18		19		20		21		22		23		24		
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
[illegible]	NE	19	NE	19	NE	21	NNE	21	N	21	NNE	21	NE	18	E	24	E	21	E	23	E	20	15·8
[illegible]	NE	19	NE	19	NE	21	NNE	21	N	21	NNE	21	NE	18	E	24	E	21	E	23	E	20	19·2
[illegible]	ENE	27	ENE	28	ENE	24	ENE	22	ENE	18	ENE	19	ENE	37	ENE	38	E	43	E	43	E	46	23·4
[illegible]	ENE	22	ENE	22	E	30	ENE	33	ENE	39	ENE	40	ENE	40	ENE	44	ENE	40	ENE	31	NE	9	38·0
[illegible]	NNE	21	N	22	N	21	N	27	NNE	27	NE	30	NE	26	NE	27	ENE	20	ENE	13	N	10	18·6
[illegible]	ENE	28	NE	24	NE	22	NE	24	NE	26	NE	22	NE	24	ENE	24	ENE	19	ENE	16	ENE	24	22·3
[illegible]	NNE	22	NNE	24	NNE	21	NNE	24	NNE	20	NNE	22	ENE	24	ENE	20	ENE	22	ENE	24	ENE	24	18·4
[illegible]	NNE	32	NNE	32	NE	28	NE	27	NE	22	NE	25	ENE	28	ENE	18	ENE	19	ENE	12	ENE	7	21·5
21	NNE	20	NNE	18	NE	18	NE	18	ENE	15	ENE	16	ENE	21	E	21	E	28	E	24	E	22	15·0
19	ENE	22	ENE	21	ENE	21	NE	24	ENE	25	ENE	32	ENE	39	ENE	40	ENE	41	ENE	46	ENE	45	24·7
35	ENE	40	ENE	49	ENE	27	ENE	27	ENE	41	ENE	38	NE	21	NE	24	ENE	28	NE	18	ENE	21	38·9
38	ENE	32	ENE	30	ENE	30	NE	32	ENE	35	E	35	ENE	41	E	39	E	46	E	48	E	47	30·6
30	NE	27	NE	26	NE	27	NE	28	NE	34	NE	32	ENE	34	ENE	32	E	27	E	26	E	15	22·2
11	NE	13	NNE	16	NE	15	NE	13	NE	10	NE	15	NE	24	ENE	28	ENE	28	E	30	E	16	13·7
22	NNW	27	NNW	27	NNW	20	NNE	18	NE	18	NE	16	NE	11	ENE	10	ENE	10	E	12	SE	10	12·1
12	NW	7	W	1	SE	7	NE	13	E	7	E	11	ENE	18	ENE	26	ENE	25	ENE	28	ENE	29	13·2
21	N	23	N	22	N	24	NNW	21	N	18	N	17	NE	27	NE	26	NE	27	NE	24	ENE	20	22·4
13	N	14	ESE	7	NE	3	NNW	14	N	15	N	10	NNE	10	NE	9	ENE	15	E	11	E	1	8·7
12	SW	10	W	9	NW	19	N	30	N	27	N	24	N	24	NE	18	N	15	NNE	9	NNE	10	11·8
23	NW	22	NW	24	NW	23	NW	21	N	19	NNE	20	NE	17	NE	9	N	7	N	7	N	7	11·2
7	W	4	WNW	4	N	13	NE	10	NE	12	NE	15	ENE	16	ENE	20	ENE	19	ENE	22	E	26	10·2
10	E	10	ENE	22	ENE	28	ENE	29	ENE	31	ENE	39	ENE	43	ENE	47	ENE	49	E	44	E	40	28·6
13	NNW	27	NW	26	N	22	N	18	NNE	16	N	21	NNE	27	NNE	18	N	13	ENE	15	N	10	15·1
21	NNW	24	NNW	24	N	20	N	19	N	18	NNE	15	NNE	18	NNE	19	NNE	15	NNE	10	NE	3	13·5
15	NNW	15	NNW	19	N	17	N	18	NNE	13	NNE	15	NNE	15	NE	20	ENE	21	ENE	18	E	21	10·7
31	NE	33	NE	35	NE	33	NE	34	NE	32	NE	31	NE	30	NE	31	NE	26	NE	31	NE	31	26·0
27	NE	23	ENE	24	NE	30	NE	31	NE	31	NE	35	NE	37	NE	34	ENE	31	ENE	36	ENE	30	29·0
18	N	20	N	25	N	22	N	18	N	15	N	21	NE	25	NE	18	NE	10	NE	2	NE	3	14·5
22	NNW	22	NNW	18	N	19	N	23	N	22	N	21	N	19	N	18	N	27	N	29	N	22	15·7
13	N	15	N	15	N	13	N	10	N	7	N	10	N	19	N	18	N	18	N	13	N	12	12·8
15	NE	18	NNE	18	NNE	19	NNE	20	N	16	N	15	NNE	16	ENE	18	ENE	18	E	21	E	21	14·4
20·4		21·2		21·6		21·2		22·2		21·6		22·7		24·7		24·6		24·2		22·9		20·1	19·1

	HOURS OF OBSERVATION.																						Mean Velocity
3	14		15		16		17		18		19		20		21		22		23		24		
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
20	ENE	21	ENE	19	NE	21	NE	18	NE	13	ENE	12	E	20	E	16	E	19	E	18	E	20	15·6
10	NE	16	NE	16	NE	18	NE	15	NNE	16	NE	18	NE	21	NE	22	NE	23	NE	21	NE	15	16·3
25	NE	27	NE	32	NE	31	NE	27	NE	24	NE	30	ENE	27	ENE	27	ENE	24	NNE	13	NNE	14	19·7
25	ENE	27	NE	31	NE	32	NE	33	NE	30	NE	35	NE	37	NE	32	ENE	32	ENE	25	ENE	31	28·4
22	NE	27	NE	28	NE	28	NE	27	NE	34	NE	35	NE	26	ENE	37	ENE	31	ENE	30	ENE	32	30·1
23	ENE	26	NE	27	NE	21	ENE	16	ENE	13	ENE	14	ENE	24	ENE	23	ENE	24	ENE	22	ENE	20	23·9
27	ENE	22	ENE	24	ENE	19	ENE	21	NE	24	ENE	31	ENE	34	ENE	40	ENE	42	E	41	E	43	27·7
31	ENE	34	ENE	32	ENE	33	ENE	28	ENE	27	E	20	E	9	ENE	19	ENE	21	E	19	SW	7	20·0
22	ENE	22	ENE	21	ENE	23	ENE	24	ENE	35	ENE	32	E	39	E	16	ENE	12	NE	16	E	19	21·2
2	W	1	N	8	NE	11	ENE	17	ENE	18	ENE	21	E	22	E	22	E	1	E	3	E	1	9·8
4	W	6	W	1	NW	9	N	9	N	12	NNE	15	ENE	14	ENE	13	N	4	N	4	E	7	5·7
4	NW	3	SW	5	SW	4	S	7	S	6	S	3	S	7	SE	10	SE	6	SE	12	SE	11	6·2
8	SW	10	NW	21	NW	22	NW	20	NNW	16	N	11	N	6	N	3	N	4	SW	7	SW	6	12·5
20	SW	16	SW	15	SW	13	SW	13	SSW	15	S	15	S	15	S	16	S	11	S	6	S	1	13·5
7	SW	7	WSW	6	W	3	W	1	W	2	W	8	W	10	E	15	E	19	E	18	E	21	9·6
18	E	19	ENE	24	ENE	22	ENE	22	ENE	30	E	41	E	38	E	33	ESE	16	E	10	E	10	18·4
16	NE	24	NE	21	NE	27	NE	24	NE	30	ENE	30	ENE	21	ENE	8	NNE	10	NE	19	ENE	21	14·4
28	NE	27	NE	35	NE	34	NE	32	NE	31	ENE	32	ENE	35	ENE	34	E	38	E	25	NE	7	23·2
28	NE	30	NE	32	NE	27	NE	21	NE	21	NE	27	NE	19	NE	17	NE	15	ENE	9	NE	18	22·8
16	NE	18	NNE	19	NNE	16	NE	16	NE	19	NE	24	NE	21	ENE	18	ENE	26	ENE	32	ENE	28	17·3
32	NE	30	NE	31	NE	28	NE	31	NE	27	NE	34	NE	34	E	21	NE	22	NE	30	E	15	22·8
26	ENE	29	ENE	27	ENE	22	ENE	18	ENE	12	ENE	15	NE	21	ENE	32	ENE	33	ENE	37	ENE	15	18·8
25	NE	19	NE	22	NE	21	NE	15	NE	13	NE	16	NE	22	NE	27	ENE	25	ENE	21	ENE	21	17·8
18	NNW	19	NW	19	NNW	15	NNW	13	N	9	N	8	N	7	ENE	8	ENE	7	NNE	10	NE	10	10·9
16	N	13	NNE	15	NE	13	NE	13	NE	10	NE	9	NE	10	NE	11	E	18	E	16	E	12	12·4
11	NW	12	NW	10	NW	9	NW	6	N	4	N	1	N	1	N	3	N	3	N	6	NE	6	6·6
31	SW	13	SW	21	SW	18	SW	18	NNW	22	N	15	N	15	N	10	NW	6	NW	4	NW	5	13·2
19	SW	17	SW	13	SW	13	SW	7	W	4	NW	7	NW	4	NW	3	NW	2	NW	1	NW	3	9·7
4	WNW	4	NW	6	NW	6	NW	3	NW	1	NW	4	NE	9	NE	9	NE	6	NE	7	NE	6	5·1
13	N	16	N	15	NNE	15	NNE	13	NNE	11	NE	15	NE	18	NE	19	E	27	E	23	E	21	13·0
16·4		18·5		19·9		19·1		17·6		17·6		19·3		19·5		18·8		17·6		16·8		14·9	16·2

Wind Velocity (kilometres per

December, 1905.

Date	HOURS OF OBSERVATION.																						
	1		2		3		4		5		6		7		8		9		10		11		
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	E	21	E	2	E	6	E	6	E	2	E	1	E	1	E	2	E	4	SE	3	S	6	S
2	N	3	N	4	NE	3	NE	5	E	10	ESE	10	ESE	9	ESE	10	SSE	10	S	10	SW	10	SW
3	WNW	4	WNW	3	WNW	5	SSW	7	S	9	SE	7	SE	10	SSE	9	S	6	SSW	10	SW	11	—
4	E	13	E	11	E	13	E	15	E	10	E	6	E	6	SE	4	SE	1	SE	4	NE	6	NE
5	SE	11	SE	11	SE	7	SE	7	SE	6	SE	10	SE	7	SE	6	S	7	SSW	7	SW	7	SW
6	NE	10	NE	12	ENE	13	ENE	7	ENE	7	ENE	11	ENE	4	ENE	3	ENE	1	ENE	4	E	6	NW
7	E	26	E	21	E	22	E	19	E	18	E	16	E	12	E	19	E	32	E	35	E	35	E
8	E	38	ENE	18	ENE	9	ENE	33	E	41	E	44	E	50	E	53	E	50	E	30	ENE	43	ENE
9	NE	15	NNE	11	NNE	15	NE	20	NNE	17	NE	15	NE	16	N	15	N	15	N	19	NE	22	N
10	NNE	6	NNE	3	NNE	4	NNE	6	NNE	1	NNE	1	NNE	3	NNE	1	NNE	4	NNE	5	NNW	11	NNW
11	NE	4	NE	9	NE	6	NE	1	NE	3	NE	4	NE	2	NE	4	NE	4	SE	2	SE	2	SE
12	NNE	6	NNE	7	N	8	N	9	N	13	NE	13	NE	7	N	3	NE	9	N	6	NE	13	NE
13	E	16	E	18	E	15	E	16	E	15	E	8	E	1	E	2	E	4	N	11	NNW	13	ENE
14	E	3	E	4	E	6	E	12	E	16	E	17	N	6	N	3	S	10	S	12	S	8	SW
15	SW	6	WNW	19	NW	16	WNW	24	WNW	19	SW	10	S	13	S	13	SW	15	SW	12	SW	11	W
16	NW	18	NW	15	NW	13	NW	12	NW	13	NW	13	N	12	NNW	10	NW	10	NW	16	NW	19	NW
17	NW	4	NW	3	NW	3	NW	1	SW	10	S	7	S	9	S	11	SSW	10	SW	9	SW	5	SW
18	SW	7	SW	9	SSW	7	S	9	S	7	S	6	S	7	S	9	S	9	SSW	13	SW	10	SW
19	S	10	S	8	S	9	S	10	S	11	S	12	S	12	S	13	S	13	SW	12	S	7	SW
20	NE	3	NE	4	NE	5	NE	1	NE	1	NE	1	NE	4	NE	3	NE	1	N	6	N	12	NNW
21	ENE	6	N	6	N	3	E	4	N	7	N	4	N	2	N	1	N	5	NW	11	NNW	14	N
22	NE	7	NE	9	NE	15	NE	14	ENE	15	NW	3	NW	4	NW	4	NW	4	W	4	W	4	W
23	N	5	N	6	N	8	S	10	S	11	S	9	S	6	S	8	S	10	SSW	13	SW	15	SW
24	SSW	9	SSW	10	S	9	S	9	S	9	S	10	S	7	SSW	9	SW	12	SW	13	WSW	7	WSW
25	N	4	N	4	E	6	SE	7	S	10	S	13	S	15	S	13	S	10	SW	15	SW	11	WSW
26	N	9	N	11	N	13	N	13	NE	6	NE	3	NE	6	NE	1	NE	10	N	13	NNE	22	NE
27	E	16	E	16	E	13	E	12	E	15	E	16	E	13	E	13	NE	13	E	25	ENE	27	ENE
28	E	11	E	16	E	17	SE	6	E	13	E	16	SE	13	ESE	22	E	31	E	34	E	24	E
29	E	5	E	4	E	7	E	6	E	3	E	9	E	7	E	6	E	1	E	4	E	4	E
30	NNE	2	NNE	7	ENE	5	ENE	13	ENE	6	ENE	3	ENE	5	ENE	7	ENE	3	E	4	S	5	W
31	SE	9	SE	10	SSE	10	S	13	S	16	S	12	S	7	S	11	S	18	SW	30	SW	30	SW
Mean		9.9		9·4		9·4		10·5		11·0		10·0		8·9		9·3		10·7		12·6		13·5	

Wind Direction.

HOURS OF OBSERVATION.																									Mean Velocity.
3	14		15		16		17		18		19		20		21		22		23		24			
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V		
4	S	4	S	4	SW	6	W	6	NW	7	N	11	NE	13	NE	12	NE	7	NE	11	NE	13		6·6
13	SW	18	SW	19	SW	12	S	7	S	11	SSE	18	SSE	19	SSE	13	SW	5	SW	3	WNW	7		10·0
10	SW	10	SW	13	SW	4	SW	4	SW	1	SW	4	SE	8	SE	12	ESE	15	ESE	13	E	10		8·0
6	SW	7	SW	10	SW	10	SW	10	SW	7	SW	6	SW	6	S	6	S	3	S	3	S	7		7·3
7	W	8	W	6	WNW	12	NW	6	NW	1	NW	1	NW	1	NW	4	NE	7	NE	7	NE	10		6·8
18	NNE	16	NNE	19	NE	19	NNE	16	NNE	13	NNE	15	NE	15	ENE	19	E	24	E	22	E	22		12·9
31	E	29	ENE	27	NE	26	ENE	18	NE	20	ENE	30	ENE	26	E	30	E	23	E	37	E	45		26·3
37	ENE	36	ENE	33	ENE	27	ENE	24	NE	25	NE	18	ENE	28	ENE	26	ENE	32	NE	22	NNE	21		32·3
26	N	22	N	22	N	27	N	22	N	25	N	23	N	22	NNE	16	NNE	10	NNE	6	NNE	3		17·6
13	N	18	N	19	N	16	N	15	N	14	N	10	N	15	N	10	NE	11	NE	9	NNE	2		8·8
16	NW	13	NW	12	NW	11	NW	10	NW	7	N	10	N	11	N	8	N	11	N	10	NNE	10		7·5
13	NNE	16	NE	13	NNE	15	NE	13	NE	12	NE	13	NE	10	ENE	18	ENE	20	E	21	E	20		12·2
15	ENE	15	E	15	E	15	E	14	E	15	E	18	E	22	E	16	ENE	16	E	19	E	9		13·2
13	SW	13	SW	12	SW	15	SSW	13	S	15	S	10	S	9	W	10	S	16	SW	15	SW	9		10·8
25	W	29	W	35	W	32	WNW	32	WNW	21	WNW	16	NW	18	NNW	7	NNW	9	NNW	3	NW	9		17·5
26	NNW	25	NW	27	NW	18	NNW	15	NNW	12	N	10	N	9	N	2	N	3	N	1	N	4		13·5
11	SSW	12	SSW	7	WSW	10	WSW	7	W	6	W	7	W	5	W	6	W	4	W	3	W	4		6·8
13	W	21	WNW	29	WNW	22	NW	21	NW	18	NW	10	NW	5	W	6	W	6	SW	7	SSW	8		11·4
7	N	13	NE	17	N	19	NNE	17	NNE	14	NNE	10	N	9	NNE	13	N	12	N	7	N	7		11·1
14	N	21	NNE	16	N	19	NE	9	N	7	N	3	N	7	NNE	13	ENE	11	ENE	6	ENE	4		7·7
17	N	18	NE	16	NE	17	N	13	NE	13	NE	7	NE	3	N	4	NNE	7	NNE	6	NE	9		8·6
6	SW	7	WSW	6	WNW	7	NNW	8	NW	6	N	2	N	1	N	1	N	1	N	4	N	4		5·9
16	SW	15	SW	11	SW	10	SW	12	SW	9	SW	11	SW	6	SW	4	SW	5	SSW	8	SW	4		9·4
11	NW	18	NW	22	NNW	16	NNW	13	N	13	N	8	N	6	N	4	N	1	N	3	N	6		9·8
29	NW	24	NW	19	NNW	25	NNW	16	NNW	10	N	9	NNW	10	NNW	15	NW	7	NNW	6	NNW	9		13·0
18	N	22	N	21	N	21	NE	21	NE	15	E	18	E	18	E	19	E	23	E	18	E	22		15·2
24	ENE	24	ENE	27	ENE	25	ENE	18	ENE	9	ENE	10	ENE	10	ENE	11	ENE	12	ENE	13	E	15		16·8
18	E	21	E	25	E	19	E	19	E	21	E	22	E	18	E	13	N	5	E	4	E	10		17·3
4	E	4	E	4	S	4	SSE	7	E	9	E	16	E	16	E	10	E	7	ENE	7	NNE	6		6·3
4	W	4	W	3	W	2	W	3	W	7	SE	10	SE	10	SE	9	SE	7	SE	9	SE	7		5·8
35	SW	28	WSW	13	S	18	S	21	S	19	S	18	S	24	S	21	S	15	SW	10	SSW	11		18·1
16·1		17·1		17·0		16·1		13·9		12·3		12·1		12·3		11·5		10·8		10·1		10·5		12·1

Wind Velocity (in kilometres per hour).

1905.

MONTHLY MEANS FOR EVERY HOUR.

Month.	Hours of observation.																							
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mndt.
April.....	13·4	11·2	10·4	9·8	9·4	9·0	**7·4**	8·6	10·4	10·2	13·4	15·0	16·8	17·0	18.5	18·0	18·6	17·2	18·9	20·[illegible]	[illegible]	[illegible]	18·[illegible]	[illegible]
May.....	17·7	14·7	14·0	11·8	**10·9**	11·8	12·7	14·8	16·8	14·8	16·3	16·7	16·7	18·6	20·8	21·8	23·8	25·5	25·9	**27·2**	[illegible]	[illegible]	[illegible]	[illegible]
June.....	17·0	16·0	14·0	13·2	12·7	**12·0**	13·2	13·6	14·4	16·3	16·3	16·4	17·9	18·4	21·6	20·6	23·3	23·7	25·4	**26·8**	[illegible]	[illegible]	[illegible]	18·4	18·2
July.....	11·4	9·0	9·1	7·8	7·2	**7·0**	8·5	10·1	12·0	12·6	14·1	15·2	16·0	17·2	18·1	19·7	20·2	19·8	21·6	20·8	[illegible]	22·0	18·4	15·4	14·8
August....	10·8	9·4	8·7	8·2	7·5	**7·1**	9·7	11·8	12·4	12·8	14·9	17·2	16·9	18·5	18·9	18·8	20·4	18·7	18·2	**23.1**	23·0	20·2	17·9	13·9	15·0
September.	12·4	11·5	11·2	11·3	11·6	**10·5**	11·2	13·4	14·4	14·0	16·8	18·5	20·0	20·8	21·0	20·3	21·8	21·4	21·8	**22·7**	21·2	19·6	18·0	16·1	16·7
October...	16·9	14·9	14.6	14·5	15·9	**12·5**	13·3	14·5	17·2	17·5	19·4	20·0	20·4	21·2	21·6	21·2	22·2	21·6	22·7	**24·7**	24·6	24·2	22·9	20·1	19·1
November.	14·3	12·3	11·7	11·3	**10·4**	12·4	12·6	14·7	16·2	17·2	18·3	19·6	18·4	18·5	**19·9**	19·1	17·6	17·6	19·3	19·5	18·8	17·6	16·8	14·9	16·2
December.	9·9	9·4	9·4	10·5	11·0	10·0	**8·9**	9·3	10·7	12·6	13·5	15·3	16·1	**17·1**	17·0	16·1	14·1	12·4	11·9	12·3	11·5	10·8	10·1	10·5	12.1
Nine Monthly.	13·8	12·0	11·5	10·9	10·7	**10.3**	10·8	12·3	13·8	14·2	15·9	17·1	17·7	18·6	19·7	19·5	20·2	19·8	20·6	**22·0**	21·7	20·2	18·4	16·3	16.2

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

Month.	Hours of observation.																							
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mndt.
April.....	−1·0	−3·2	−4·0	−4·6	−5·0	−5·4	**−7·0**	−5·8	−4·0	−4·2	−1·0	+0·6	+2·4	+2·6	+4·1	+3·6	+4·2	+2·8	+4·5	+6·5	**+7·4**	+6·3	+4·4	+3·2
May.....	−0·7	−3·7	−4·4	−6·6	**−7·5**	−6.6	−5·7	−3·6	−1·6	−3·6	−2·1	−1·7	−1·7	+0·2	+2·4	+3·4	+5·4	+7·1	+7·5	**+8·8**	+7·7	+5·7	+4·0	+1·0
June.....	−1·2	−2·2	−4·2	−5·0	−5·5	**−6·2**	−5·0	−4·6	−3·8	−1·9	−1·9	−1·8	−0·3	+0·2	+3·4	+2·4	+5·1	+5·5	+7·2	**+8·6**	+5·9	+4·1	+1·8	+0·2
July.....	−3·4	−5·8	−5·7	−7·0	−7·6	**−7·8**	−6·3	−4·7	−2·8	−2·2	−0·7	+0·4	+1·2	+2·4	+3·3	+4·9	+5·4	+5·0	+6·8	+6·0	**+9·5**	+7·2	+3·6	+0·6
August....	−4·2	−5·6	−6·3	−6·8	−7·5	**−7·9**	−5·3	−3·2	−2·6	−2·2	−0·1	+2·2	+1·9	+3·5	+3·9	+3·8	+5·4	+3·7	+3·2	**+8·1**	+8·0	+5·2	+2·9	−1·1
September.	−4·3	−5·2	−5·5	−5·4	−5·1	**−6·2**	−5·5	−3·3	−2·3	−2·7	+0·1	+1·8	+3·3	+4·1	+4·3	+3·6	+5·1	+4·7	+5·1	**+6·0**	+4·5	+2·9	+1·3	−0·6
October...	−2·2	−4·2	−4·5	−4·6	−3·2	**−6·6**	−5·8	−4·6	−1·9	−1·6	+0·3	+0·9	+1·3	+2·1	+2·5	+2·1	+3·1	+2·5	+3·6	**+5·6**	+5·5	+5·1	+3·8	+1·0
November.	−1·9	−3·9	−4·5	−4·9	**−5·8**	−3·8	−3·6	−1·5	0·0	+1·0	+2·1	+3·4	+2·2	+2·3	**+3·7**	+2·9	+1·4	+1·4	+3·1	+3·3	+2·6	+1·4	+0·6	−1·3
December.	−2·2	−2·7	−2·7	−1·6	−1·1	−2·1	**−3·2**	−2·8	−1·4	+0·5	+1·4	+3·2	+4·0	**+5·0**	+4·9	+4·0	+2·0	+0·3	−0·2	+0·2	−0·6	−1·3	−2·0	−1·6
Nice Monthly	−2·3	−4·1	−4·6	−5·2	−5·4	**−5·8**	−5·3	−3·8	−2·3	−1·9	−0·2	+1·0	+1·6	+2·5	+3·6	+3·4	+4·1	+3·7	+4·5	**+5·9**	+5·6	+4·1	+2·3	+0.2

Monthly Hourly Components (kilometres).

1905.

April.

Hours of Day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	221	213	30	27	44	8·9
2	193	169	32	26	42	7·2
3	173	136	15	37	32	6·3
4	171	107	51	41	29	4·5
5	175	112	36	27	32	5·5
6	160	111	44	17	39	5·0
7	122	87	37	35	32	3·3
8	137	63	49	88	—16	3·1
9	159	74	64	89	— 9	3·2
10	129	71	74	90	—19	1·9
11	171	68	95	147	—46	3·7
12	206	66	103	187	—50	5·3
13	244	58	92	242	—50	7·9
14	280	37	61	270	—47	10·7
15	347	26	36	286	—40	13·6
16	374	43	28	255	—32	13·5
17	382	103	16	216	—17	12·8
18	405	110	27	112	0	12·5
19	476	137	21	69	8	15.3
20	470	245	9	44	22	17·6
21	482	311	10	44	30	18·1
22	415	364	11	23	40	17·6
23	358	320	16	25	41	15·3
24	296	306	26	30	46	12·8
Sums.	6549	3337	983	2427		
Means	273	139	41	101	9°	7·9

May.

Hours of Day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	273	362	0	2	53	14·6
2	246	263	4	13	46	11·2
3	268	232	0	7	40	11·3
4	242	175	6	27	32	9·0
5	243	140	9	6	30	8·7
6	254	170	4	13	32	9·5
7	281	176	5	38	26	10·0
8	328	181	13	59	21	10·8
9	338	219	3	99	20	11·5
10	298	224	4	64	28	10·8
11	312	240	0	89	26	11·2
12	354	201	14	93	18	11·5
13	376	167	9	113	8	12·0
14	437	155	7	119	5	13·9
15	521	177	8	92	10	16·8
16	514	239	8	99	16	17·0
17	535	294	4	146	16	17·9
18	568	326	4	133	19	18·5
19	600	330	0	94	22	20·8
20	595	424	0	47	32	22·7
21	492	472	0	31	42	21·2
22	399	487	0	21	50	19·8
23	372	439	0	30	48	17·9
24	312	387	0	16	50	15·7
Sums.	9158	6480	102	1451		
Means	382	270	4	60	29°	13·9

June.

Hours of day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	295	314	14	0	48	13·9
2	250	332	16	0	54	13·5
3	199	298	12	8	57	11·4
4	189	289	13	7	58	11·1
5	148	278	20	8	64	9·9
6	148	266	21	3	64	9·8
7	165	247	27	25	58	8·8
8	196	228	39	21	52	8·6
9	206	205	48	52	44	7·3
10	265	208	57	64	34	8·4
11	321	162	54	112	10	9·1
12	339	143	44	128	3	9·8
13	384	120	32	134	— 2	11·7
14	391	107	21	180	—11	12·6
15	466	140	21	202	— 8	15·3
16	464	116	18	174	— 8	15·3
17	568	133	18	159	— 2	18·3
18	587	151	12	126	2	19·1
19	613	237	0	77	14	20·3
20	630	331	0	27	26	23·4
21	547	340	0	16	30	21·2
22	450	405	7	18	41	19·4
23	366	374	15	10	46	16·8
24	336	345	16	0	47	15·7
Sums.	8523	5769	525	1551		
Means	355	240	22	65	28°	12·6

July.

Hours of day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	234	162	3	15	32	8·9
2	200	103	2	13	24	7·0
3	196	107	5	11	26	6·9
4	192	66	0	8	16	6·4
5	178	79	0	3	23	6·3
6	174	83	0	9	23	6·1
7	206	93	3	14	21	7·0
8	246	106	3	38	16	8·1
9	298	73	0	98	—4	9·6
10	313	78	0	95	—3	10·1
11	358	84	0	80	0	11·6
12	383	93	0	122	— 4	12·4
13	415	61	0	161	—14	13·8
14	445	63	0	164	—12	14·7
15	466	48	0	202	—18	15·8
16	522	57	0	173	—12	17·2
17	526	62	0	182	—13	17·5
18	525	80	0	105	— 3	17·0
19	602	86	0	27	6	19·4
20	542	166	0	18	15	18·2
21	526	386	0	8	36	21·0
22	457	379	0	9	39	19·0
23	387	300	0	9	37	15·7
24	287	274	0	8	43	12·7
Sums.	8678	3089	16	1572		
Means	362	129	< 1	66	10°	11·9

August.

Hours of day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	265	139	0	3	28	9·7
2	251	99	6	0	22	8·6
3	224	88	0	1	21	7·8
4	215	78	0	0	20	7·3
5	215	59	0	0	16	6·7
6	198	51	0	3	13	6·6
7	276	56	0	6	10	9·2
8	314	96	0	43	10	10·3
9	336	65	0	86	— 4	10·9
10	354	59	0	77	— 3	11·4
11	405	65	0	80	— 2	13·0
12	484	61	0	136	— 9	15·8
13	544	55	0	108	— 6	17·5
14	596	26	0	115	— 8	19·5
15	560	55	0	21	4	18·0
16	457	67	0	146	—10	15·3
17	525	38	0	153	—12	17·3
18	544	20	0	158	—14	18·1
19	511	140	0	0	16	17·2
20	649	172	0	7	14	21·5
21	612	236	0	0	20	21·2
22	491	313	0	0	32	18·9
23	430	268	0	0	32	16·4
24	338	196	0	0	30	12·5
Sums.	9794	2502	0	1146		
Means	408	104	0	48	8°	13·3

September.

Hours of day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	260	212	0	0	39	11·2
2	260	171	5	0	34	10·3
3	254	171	0	0	34	10·3
4	254	175	0	4	34	10·3
5	268	179	0	0	34	10·8
6	220	189	0	0	40	9·7
7	250	175	0	0	35	10·2
8	298	208	0	7	34	12·0
9	334	176	0	33	23	12·1
10	324	173	1	48	21	11·5
11	400	156	3	75	12	13·5
12	450	144	0	101	6	15·0
13	519	117	0	100	2	17·3
14	522	111	0	109	0	17·3
15	537	138	0	111	2	17·9
16	550	133	0	80	6	18·3
17	602	136	0	47	8	20·3
18	594	182	0	0	17	20·8
19	581	228	0	0	22	20·6
20	574	309	0	0	28	21·8
21	499	312	0	0	32	19·6
22	438	315	0	4	36	18·0
23	380	326	0	0	41	16·8
24	336	289	0	0	40	14·8
Soms.	9704	4725	9	719		
Means	404	197	< 1	30	22°	14·5

Monthly Hourly Components (kilometres).

1905.

October.

Hours of day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	205	426	2	0	64	15·2
2	203	354	1	5	60	13·0
3	209	323	1	7	56	12·3
4	193	348	4	4	62	12·8
5	182	384	10	17	65	13·1
6	153	298	7	0	64	10·8
7	155	334	9	0	66	11·7
8	165	352	17	12	66	11·9
9	214	404	15	15	63	14·2
10	234	382	19	27	59	13·4
11	278	415	28	49	56	14·4
12	334	362	30	83	42	13·4
13	352	353	19	94	38	13·6
14	460	312	7	77	28	16·5
15	465	316	3	83	27	16·7
16	459	323	5	37	32	17·5
17	525	321	0	28	29	19·5
18	476	355	0	0	36	19·2
19	472	419	0	0	42	20·4
20	466	543	0	0	50	23·2
21	363	612	0	0	60	23·1
22	292	611	0	0	64	21·8
23	220	604	0	0	70	20·8
24	180	521	7	0	72	17·6
Sums.	7255	9672	184	538		
Means	302	403	8	22	52°	15·6

November.

Hours of day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	159	350	28	13	69	12·2
2	149	250	46	3	68	9·1
3	113	260	46	8	75	8·6
4	102	263	41	7	74	7·1
5	115	236	40	5	72	8·1
6	105	292	44	4	78	9·7
7	117	274	49	9	76	9·2
8	144	322	52	9	74	10·8
9	198	314	65	41	64	10·2
10	204	333	66	58	63	10·2
11	215	344	74	94	60	9·5
12	277	343	69	81	52	11·1
13	250	326	63	86	52	10·1
14	283	341	46	75	48	11·9
15	344	344	41	85	40	13·4
16	342	342	35	76	41	13·5
17	302	333	33	53	46	12·9
18	332	329	19	28	44	14·5
19	301	411	18	16	54	16·2
20	260	441	23	13	61	16·2
21	215	466	23	2	68	16·6
22	177	445	21	6	70	15·5
23	171	418	19	10	70	14·4
24	127	382	19	15	74	12·6
Sums.	5002	8159	980	797		
Means	208	340	41	33	62°	11·7

December.

Hours of day.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	83	202	[illegible]	[illegible]	[illegible]	[illegible]
2	108	158	38	[illegible]	[illegible]	4·3
3	105	167	39	29	64	4·9
4	96	185	72	35	81	4·9
5	72	189	86	34	95	5·2
6	46	195	92	19	104	5·9
7	55	156	101	3	107	5·2
8	46	152	114	10	116	5·1
9	52	163	124	32	119	4·8
10	80	145	132	103	142	2·1
11	137	173	110	118	64	2·0
12	139	159	102	180	—30	1·3
13	184	147	82	200	—28	3·7
14	234	135	85	184	—18	5·1
15	228	170	66	197	—10	5·2
16	253	131	66	159	— 8	6·1
17	222	136	60	114	8	5·2
18	205	122	46	83	14	5·3
19	166	156	51	45	44	5·2
20	161	184	72	34	59	5·6
21	131	202	57	37	66	5·8
22	118	204	52	24	70	6·2
23	90	203	47	35	76	5·5
24	102	202	39	36	69	5·6
Sums.	3113	4036	1775	1788		
Means	130	168	74	74	59°	3·5

Daily Components (kilometres).

1905.

April.

Days of month.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	280	0	0	243	—41	15·4
2	103	20	18	74	—32	4·2
3	175	35	5	136	—31	8·3
4	157	110	2	49	22	6·9
5	153	134	4	41	32	7·3
6	128	97	10	44	24	5·4
7	131	196	142	117	98	3·3
8	186	107	132	122	—16	2·3
9	273	92	0	78	3	11·4
10	328	234	1	3	35	16·6
11	345	200	14	2	31	16·2
12	510	165	0	6	18	22·3
13	186	59	0	118	—18	8·2
14	366	15	0	129	—18	16·0
15	184	86	7	151	—20	7·8
16	262	151	3	49	22	11·6
17	204	137	10	29	29	9·2
18	57	182	21	40	76	6·2
19	86	61	10	59	2	3·2
20	309	271	12	69	34	15·0
21	7	95	143	58	165	5·9
22	0	74	327	59	178	13·6
23	354	44	56	181	—24	13·6
24	390	30	0	45	— 2	16·2
25	307	13	0	200	—32	15·0
26	252	9	0	130	—26	11·6
27	215	8	4	32	— 6	8·9
28	207	138	0	88	14	8·9
29	202	207	0	47	38	10·8
30	213	358	60	21	66	15·3
Sums.	6570	3328	981	2420		
Means	219	111	33	81	10[illegible]°	7·8

May.

Days of month.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	565	492	0	0	41	31·2
2	406	49	0	92	— 6	17·[illegible]
3	324	18	0	161	—24	[illegible]·2
4	340	0	0	167	—2[illegible]	14·7
5	227	0	14	143	[illegible]26	15·7
6	346	8	0	[illegible]	—34	10·8
7	318	0	0	[illegible]12	—17	15·2
8	246	120	4	108	—19	14·0
9	405	390	[illegible]	78	10	10·3
10	485	506	0	0	44	23·5
11	419	516	0	0	46	29·1
12	259	35[illegible]	0	9	50	27·4
13	114	[illegible]2	0	13	52	17·7
14	304	133	33	58	43	4·6
15	389	308	0	47	41	16·7
16	28[illegible]	411	0	12	46	23·2
17	[illegible]2	203	0	0	36	14·6
18	[illegible]344	216	0	10	31	16·8
19	298	367	0	0	51	19·8
20	231	173	0	16	34	11·7
21	87	158	9	52	54	5·5
[illegible]	325	179	0	88	16	14·1
22	71	29	0	20	7	3·0
23	120	129	0	6	46	7·2
24	63	132	10	54	56	4·0
25	314	244	4	40	34	15·5
26	165	209	7	90	37	8·2
27	421	131	0	0	18	18·4
28	400	90	0	7	12	17·0
29	269	337	0	0	52	18·0
30	179	266	24	33	56	11·7
31	450	326	0	38	32	22·3
Tams.	9166	6492	105	1454		
Means	296	209	3	47	29°	13·9

June.

Days of month.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	383	452	0	0	50	24·6
2	352	490	0	0	54	25·2
3	432	710	0	0	58	34·4
4	429	510	0	0	50	27·8
5	358	407	0	0	48	22·5
6	163	407	0	0	68	18·1
7	159	194	4	7	50	10·0
8	371	343	0	0	43	21·2
9	327	298	0	0	42	18·5
10	179	36	49	85	—20	5·8
11	202	104	0	13	24	9·2
12	235	92	141	139	—26	4·4
13	260	4	0	204	—38	13·7
14	71	108	69	21	88	31·9
15	207	25	137	199	—68	7·8
16	268	11	0	107	—20	11·8
17	274	5	0	115	—22	12·3
18	259	40	0	94	—12	11·0
19	286	56	0	51	1	11·9
20	157	115	0	58	20	6·9
21	77	115	124	100	18	2·1
22	314	50	0	87	— 7	13·2
23	311	158	1	66	16	13·4
24	346	390	0	0	48	21·8
25	366	284	0	0	38	19·4
26	425	78	0	0	10	18·1
27	395	32	0	61	— 4	16·5
28	350	13	0	57	— 7	14·8
29	270	52	0	86	— 7	11·4
30	300	182	0	0	31	14·6
Sums.	8526	5761	525	1550		
Means	284	192	18	52	28°	12·5

Daily Components (kilometres).

1905.

July.

Days of month.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	299	210	2	19	33	14·7
2	236	143	0	3	30	11·4
3	244	16	0	105	—20	10·7
4	271	4	0	49	—10	11·4
5	268	44	0	92	—10	11·4
6	286	44	1	131	—17	12·5
7	284	64	0	60	1	11·8
8	254	111	0	54	12	10·8
9	318	107	0	0	18	13·9
10	216	132	0	24	26	10·1
11	217	184	2	27	36	11·1
12	326	154	0	41	19	14·4
13	81	35	0	0	24	3·7
14	232	0	0	55	—14	10·0
15	344	111	0	67	8	14·4
16	264	96	0	11	18	11·6
17	338	314	0	0	43	19·3
18	114	232	0	22	62	10·0
19	324	67	5	141	—13	13·7
20	354	52	0	65	— 2	14·8
21	356	111	0	21	14	15·3
22	326	10	0	143	—22	14·7
23	308	21	0	71	— 9	13·0
24	342	10	0	71	—10	14·5
25	274	40	0	61	— 4	11·4
26	366	97	0	33	10	15·6
27	290	74	0	51	4	12·1
28	292	78	6	60	4	12·0
29	190	163	0	42	32	9·4
30	330	145	0	48	16	14·3
31	335	222	0	0	34	16·8
Sum .	8679	3091	16	1567		
Means	280	100	< 1	50	10°	11·9

August.

Days of month.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	342	111	0	30	13	14·7
2	317	75	0	40	6	13·4
3	255	11	0	47	— 8	10·7
4	304	45	0	43	0	12·7
5	203	152	0	54	26	9·2
6	296	74	0	73	0	12·4
7	262	42	0	78	— 8	11·0
8	204	41	0	72	— 8	8·6
9	261	4	0	63	—12	11·1
10	333	82	0	47	6	14·0
11	277	55	0	41	3	11·5
12	304	21	0	65	— 8	12·9
13	307	0	0	57	—10	13·1
14	288	86	0	49	8	12·1
15	298	89	0	61	6	12·4
16	358	120	0	34	14	15·1
17	370	51	0	33	3	15·4
18	418	14	0	9	0	17·4
19	382	33	0	28	1	15·9
20	375	157	0	0	22	16·8
21	437	175	0	0	22	19·7
22	308	129	0	0	22	13·9
23	305	54	0	42	2	12·6
24	368	63	0	57	1	15·3
25	392	30	0	15	2	16·4
26	331	220	0	0	34	16·5
27	382	206	0	0	28	18·2
28	338	10	0	11	0	14·1
29	232	66	0	35	8	9·8
30	228	144	0	38	25	10·5
31	308	144	0	25	21	13·7
Sum .	9783	2504	0	1147		
Means	316	81	0	37	8°	13·3

September.

Days of month.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	357	22	0	64	— 6	15·0
2	388	0	0	60	— 9	16·4
3	348	78	0	41	6	14·6
4	272	88	0	32	12	11·6
5	292	142	0	40	20	12·9
6	336	183	0	0	28	16·0
7	367	253	0	0	35	18·6
8	408	457	0	0	48	25·4
9	310	322	0	0	46	18·6
10	410	257	0	4	32	20·0
11	374	166	0	0	24	17·0
12	318	101	0	45	10	13·4
13	346	98	0	0	16	14·9
14	361	19	0	48	— 4	15·0
15	294	21	0	40	— 4	12·3
16	282	74	0	22	10	12·0
17	423	224	0	0	28	20·0
18	322	136	0	0	23	14·6
19	326	39	0	50	— 2	13·9
20	328	66	0	78	— 2	14·0
21	400	265	0	0	34	20·1
22	362	326	0	0	42	20·4
23	409	264	0	0	33	20·3
24	344	223	0	0	33	17·2
25	354	92	0	19	12	15·0
26	228	89	0	54	8	9·6
27	147	95	4	55	16	6·4
28	143	133	0	66	25	6·6
29	166	169	0	5	44	9·7
30	296	326	5	0	48	16·2
Sum .	9711	4728	9	723		
Means	324	158	< 1	24	22°	14·5

October.

Days of month	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	204	278	0	0	54	14·2
2	[illegible]	359	0	0	60	17·4
3	[illegible]	[illegible]	0	0	72	23·0
4	1.	[illegible]	[illegible]	0	82	37·4
5	292	[illegible]	[illegible]	[illegible]	[illegible]	16·5
6	320	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	272	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	339	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	168	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	204	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	286	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	214	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	171	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	140	1	[illegible]	[illegible]	[illegible]	[illegible]
16	188	17	[illegible]	[illegible]	[illegible]	[illegible]
17	341	332	[illegible]	[illegible]	[illegible]	[illegible]
18	147	88	[illegible]	[illegible]	[illegible]	[illegible]
19	163	54	[illegible]	[illegible]	[illegible]	[illegible]
20	185	43	[illegible]	[illegible]	[illegible]	[illegible]
21	101	176	[illegible]	[illegible]	[illegible]	[illegible]
22	111	662	[illegible]	[illegible]	[illegible]	[illegible]
23	242	141	[illegible]	[illegible]	[illegible]	[illegible]
24	308	34	[illegible]	[illegible]	[illegible]	[illegible]
25	182	105	[illegible]	[illegible]	[illegible]	[illegible]
26	335	500	0	[illegible]	[illegible]	[illegible]
27	372	573	0	[illegible]	[illegible]	[illegible]
28	303	100	1	[illegible]	[illegible]	[illegible]
29	350	0	0	[illegible]	[illegible]	[illegible]
30	310	0	0	[illegible]	[illegible]	[illegible]
31	258	157	0	[illegible]	[illegible]	[illegible]
Sum .	7258	9683	186	[illegible]		
Means	234	312	6	17	[illegible]	[illegible]

November.

Days of month.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	92	348	0	0	76	15·2
2	221	300	0	0	54	15·4
3	294	356	0	0	50	19·0
4	418	525	0	0	52	28·1
5	403	583	0	0	56	29·5
6	234	518	0	0	66	23·5
7	177	625	0	0	74	26·8
[illegible]	109	449	10	5	78	19·1
[illegible]	[illegible]	477	16	0	81	19·0
[illegible]	[illegible]	[illegible]	12	6	75	7·5
[illegible]	[illegible]	[illegible]	[illegible]	16	48	3·2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86	1·6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6·4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sum .	[illegible]	[illegible]	[illegible]	[illegible]		
Means	[illegible]	272	33	[illegible]	[illegible]	[illegible]

December.

Days of month.	Components N	E	S	W	Resultant Dir. °E of N	Mean vel.
1	56	88	31	15	71	3·1
2	16	59	126	72	174	4·6
3	4	66	114	62	178	4·6
4	8	90	66	46	143	3·0
5	32	65	78	55	167	1·9
6	168	210	0	9	50	10·9
7	71	612	0	0	84	26·1
8	212	14	0	0	74	31·2
9	390	92	0	0	14	16·8
10	202	29	0	10	6	8·4
11	136	40	10	49	— 4	5·2
12	187	187	0	0	45	11·0
13	46	291	0	5	81	12·2
14	9	58	156	78	172	6·2
15	99	0	65	346	—84	14·9
[illegible]	261	0	0	173	—34	13·0
[illegible]	8	0	94	103	130	5·6
[illegible]	58	0	114	178	108	7·7
[illegible]	136	32	118	15	45	1·0
20	159	52	0	11	14	6·8
[illegible]	176	67	0	13	17	7·8
[illegible]	78	45	7	55	— 8	3·0
23	19	0	169	102	—146	7·5
24	97	0	93	94	—87	4·1
25	139	10	94	137	—70	5·6
26	220	192	0	0	41	12·0
27	91	385	0	0	76	16·5
28	5	406	22	0	92	16·3
29	8	142	10	0	91	5·3
30	24	85	43	28	108	2·5
31	0	17	370	137	162	16·2
Sum .	3115	4034	1780	1793		
Means	100	130	57	58	60°	3·5

Year.—1905.

Mean hourly.

Hours of day.	Components				Resultant	
	N	E	S	W	Dir. °E of N	Mean vel.
1	222	264	13	10	50	10·7
2	207	211	15	11	46	9·0
3	193	198	13	12	46	8·5
4	184	187	21	15	46	7·7
5	177	184	22	11	48	7·6
6	162	184	24	8	52	7·3
7	181	178	26	14	46	7·4
8	208	190	32	32	42	7·8
9	237	188	35	60	32	7·9
10	244	186	39	70	30	7·7
11	288	190	40	94	21	8·7
12	330	175	40	123	10	9·7
13	363	156	27	138	3	11·0
14	405	146	25	144	0	12·4
15	437	157	19	142	2	13·7
16	437	161	18	133	4	13·7
17	467	173	14	122	6	15·0
18	471	186	12	83	12	15·3
19	480	238	10	36	24	16·7
20	483	313	12	21	32	18·2
21	430	371	10	15	40	18·1
22	360	391	10	12	48	16·9
23	308	361	11	13	50	15·0
24	257	322	12	12	52	12·9
Sums . .	7531	5310	500	1331		
Means . .	314	221	21	55	30°	11·0

Mean monthly.

Month.	Components				Resultant	
	N	E	S	W	Dir. °E of N	Mean vel.
April	219	111	33	61	10°	7·8
May	296	209	3	47	29	13·9
June	284	192	18	52	28	12·5
July	280	100	< 1	50	10	11·9
August ...	316	81	0	37	8	13·3
September ...	324	158	< 1	24	22	14·5
October ...	234	312	6	17	52	15·6
November ...	167	272	33	26	62	11·7
December ...	100	130	57	58	60	3·5
Mean ...	247	174	17	44	30	110

Cloud.

January, 1905.

Date	Hours of Observation: 8 a.m.	11 a.m. *	2 p.m.	5 p.m. *	8 p.m.	Mean
1	8 Ci.-St.	6 Ci.	7 Ci.	4 Ni.	9 Cu.-Ni.	8·0
2	2 Ci.	1 Cu.	2 Ci.	0	0	1·3
3	10 Ci.	3 Ci.	2 Ci.	2 Ci.	0	4·0
4	10 Ci.	4 Ci.	8 Ci.	3 Ni.-Cu.	0	6·0
5	6 Ci.	10 Cu.-Ni.	10 Cu.-Ni.	10 Ni.	7 Ni.	7·7
6	10 Ni.	10 Ni.	7 Ni.-Cu.	5 Ni.-Cu.	0	5·7
7	4 Ci.	8 Cu.-Ci.	8 Cu.-Ci.	6 Ci.	0	4·0
8	2 Ci.-Cu.	2 Cu.	0	0	0	0·7
9	0	0	0	0	0	0·0
10	7 Ci.	4 Ci.	6 Cu.	9 Cu.-Ni.	10 Cu.	7·7
11	1 Ci.	3 Cu.	5 Cu.-Ni.	1 Ni.	4 Ci.	3·3
12	0	2 Ci.	6 Ci.	2 Ci.-Cu.	8 Cu.	4·7
13	7 St.-Cu.	8 St.-Cu.	5 St.-Cu.	7 Cu.-Ni.	8 Cu.-Ni.	6·7
14	0	1 Cu.	6 Cu.	7 St.-Cu.	0	2·0
15	8 St.-Cu.	0	0	0	0	2·7
16	1 Ci.	0	4 Ci.	3 Cu.	8 Cu.	4·3
17	9 Cu.-Ni.	7 Cu.-Ni.	10 Cu.-Ni.	7 Ni.	8 Ci.	9·0
18	10 Ni.	9 Ci.-Cu.	9 Cu.	6 Cu.	0	6·3
19	0	0	0	0	0	0·0
20	0	0	0	2 Ci.	3 Ci.	1·0
21	6 Ci.	5 Ci.	0	0	0	2·0
22	0	8 Ni.	7 Ni.	5 Cu.-Ni.	9 Cu.-Ni.	5·3
23	8 Cu.-Ni.	4 Cu.-Ni.	7 Cu.-Ni.	7 Ni.	7 Ni.	7·3
24	2 Ni.-Cu.	3 Ci.-Cu.	7 Cu.-Ni.	8 St.-Cu.	0	3·0
25	**8 St.-Cu.**	4 Cu.	9 St.-Ni.	3 Cu.-Ni.	0	5·7
26	**0**	1 Cu.-Ci.	2 Cu.-Ci.	4 Cu.	2 Cu.	1·3
27	**2 Ci.**	2 Ci.	2 Ci.	8 Ci.-Ni.	4 Cu.	2·7
28	**2 Ci.**	0	0	0	0	0·7
29	**0**	1 Cu.-Ci.	6 Cu.-Ni.	7 Ci.-Cu.	0	2·0
30	**3 Cu.**	6 Ci.-St.	7 St.-Cu.	6 St.-Ni.	0	3·3
31	**9 Cu.-Ni.**	7 St.	8 St.-Ni.	7 Ni.	5 Ni.	7·3
Mean	**4·35**	3·84	4·84	4·16	2·97	4·05

* Additional observations not used in the Daily Mean.

February, 1905.

Date	Hours of Observation: 8 a.m.	11 a.m. *	2 p.m.	5 p.m. *	8 p.m.	Mean
1	9 Cu.-Ni.	9 Cu.-Ni.	2 Cu.	3 Ni.	3 Ni.	4·7
2	0	0	2 St.-Cu.	3 St.	0	0·7
3	2 St.	0	3 St.	5 Cu.-Ni.	5 Cu.-Ni.	3·3
4	0	1 Cu.	5 Cu.	1 Cu.	0	1·7
5	10 Ni.	5 Cu.-Ni	6 Ni.	8 Ni.	7 Ni.	7·7
6	8 Cu.-Ni.	5 Ci.-Cu.	7 St.-Ni.	7 Cu.-Ni.	8 Cu.-Ni.	7·7
7	0	0	0	0	0	0·0
8	10 Ni.	10 Ni.	10 Ni.	10 Ni.	10 Ni.	10·0
9	9 Ni.	10 Ni.	8 Ni.	6 Cu.-Ni.	5 Cu.-Ni.	7·3
10	6 Cu.-Ni.	6 Cu.-Ni.	6 Ni.-Cu.	—	2 Cu.	4·7
11	10 Cu.-Ni.	10 Cu.-Ni.	7 Cu.-Ni.	8 Ni.	6 Ni.	7·7
12	3 Ci.-Cu.	3 Ci.-Cu.	8 Cu.-Ni.	5 Cu.-Ni.	1 Cu.	4·0
13	2 Ci.	1 Ci.	3 Cu.	3 Ci.	7 Cu.	4·0
14	2 Ci.	1 Ci.	1 Ci.	0	0	1·0
15	6 Cu.-Ci.	6 Cu.-Ci.	6 Cu.-Ci.	8 Ci.	6 Ci.	6·0
16	8 Ci.-St.	10 Ci.	8 Ci.-St.	6 Ci.	7 Ci.	7·7
17	7 Ci.	7 Ci.-Cu.	8 Ci.-St.	7 Ci.-St.	0	5·0
18	0	0	0	0	0	0·0
19	0	3 Ci.	8 Ci.-Cu.	7 Cu.-Ni.	6 Cu.-Ni.	4·7
20	10 Fog.	5 Ci.-Cu.	6 Cu.-Ni.	10 Ci.-Ni.	10 Ci.-Ni.	8·7
21	2 Cu.	3 Cu.	5 Cu.	6 Cu.-Ni.	3 Cu.	3·3
22	1 Cu.	6 Cu.	5 Cu.	3 Cu.	0	2·0
23	2 Ci.	4 Ci.	4 Ci.	2 Ci.	0	2·0
24	7 Ci.-St.	4 Ci.	5 Ci.	2 Cu.	0	4·0
25	0	0	0	0	0	0·0
26	0	0	0	0	2 Cu.	0·7
27	8 Ci.-St.	9 St.-Cu.	7 St.-Cu.	8 Cu.-Ni.	3 Cu.	6·0
28	8 Cu.-Ci.	4 Cu.-Ci.	2 Ci.	0	0	3·3
Mean	4·64	4·36	4·71	4·37	3·25	4·21

March, 1905.

Date	Hours of Observation: 8 a.m.	11 a.m. *	2 p.m.	5 p.m. *	8 p.m.	Mean
1	**0**	0	0	0	0	0·0
2	9 Cu.-Ni.	6 Ci.-St.	8 St.-Cu.	8 St.-Cu.	0	5·7
3	1 Ci.	2 Ci.	9 Ci.	9 Ci.	0	3·3
4	10 Fog.	10 Cu.-Ni.	10 Ni.	10 Ni.	10 Ni.	10.0
5	10 Ni.	9 St.-Ni.	8 Ci.-St.	4 Cu.-St.	0	6·0
6	8 Cu.	9 Cu.-Ni.	10 Cu.-Ni.	10 Fr.Ni.	10 Cu.-Ni.	9·3
7	10 St.-Cu.	10 St.-Cu.	10 St.-Cu.	10 Ni.	10 Ni.	10·0
8	0	1 Ci.	3 Ci.	5 Cu.-Ci.	0	1·0
9	5 Cu.-Ci.	3 Cu.-Ci.	2 Cu.-Ci.	1 Ci.	0	2·3
10	0	1 Ci.	3 St.	4 St.	0	1·0
11	6 Ci.-St.	5 Ci.	7 St.-Cu.	7 St.-Cu.	0	4·3
12	3 Cu.-Ci.	7 Cu.	8 Cu.	9 Cu.-Ni.	0	3·7
13	8 Cu.-Ni.	7 Cu.-Ni.	**8** Cu.-Ni.	7 St.-Cu.	0	5·3
14	7 Ci.	8 Ci.	**6 Ci.**	1 Ci.	0	4·3
15	0	1 Ci.	**5 Cu.**	0	0	1·7
16	0	1 Ci.	**3 Ci.**	9 Ci.	7 Ci.-St.	3·3
17	2 Ci.	7 Ci.	**6 Ci.-St.**	5 Ci.	6 Cu.	4·7
18	1 Ci.	2 Ci.	**2 Ci.**	2 Ci.	7 St.	3·3
19	4 Ci.-St.	3 Ci.	**3 Ci.-St.**	**2** Ci.	0	3·3
20	5 Ci.-St.	2 St.	**6 St.-Cu.**	**8 Cu.**	5 Cu.	5·3
21	9 Cu.	7 Cu.	**7 Cu.-Ni.**	**6 St.-Cu.**	0	5·3
22	8 Ci.-St.	8 Cu.-Ni.	7 Ci.-Cu.	**7 Ci.-Cu.**	0	5·0
23	9 Cu.-Ni.	9 St.-Cu.	5 St.-Cu.	**0**	0	4·7
24	2 Ci.	2 Ci.	7 Ci.	**6 Ci.**	**0**	3·0
25	7 Ci.	6 Ci.	8 Ci.-Cu.	**7 Cu.**	**0**	5·0
26	8 Ci.-Ni.	9 Ci.-St.	7 Ci.-St.	**9 Ci.-St.**	**9 Cu.**	8·0
27	8 Cu.	5 Cu.	3 Ci.-Cu.	**1 St.**	**3 Ci.**	4·7
28	0	8 St.	5 St.	**1 Ci.**	**0**	1·7
29	**4** Ci.-Cu.	8 St.	7 Cu.	**4 Cu.**	**0**	3.7
30	**0**	2 Cu.	6 Cu.	**2 St.-Cu.**	**2 Cu.**	**2·7**
31	**6** St.-Cu.	3 St.-Cu.	7 Cu.-Ni.	8 **Ni.**	**Ni.**	**5.7**
Mean	**4·84**	5·19	6·10	5·06	2·85	**4·42**

* Additional observations not used in the Daily Mean.

April, 1905.

Date	Hours of Observation: 8 a.m.	11 a.m. *	2 p.m.	5 p.m. *	8 p.m.	Mean
1	8 Ni.	10 Ni.	9 Ni.	9 Ni.-Cu.	0	5·7
2	9 Cu.-Ni.	6 Cu.	6 Cu.	6 St.-Cu.	0	5·0
3	0	1 St.	4 St.	0	0	1·3
4	0	0	0	0	0	0·0
5	0	0	1 Cu.	1 St.	0	0·3
6	0	0	0	0	0	0·0
7	3 Ci.	5 Ci.	4 Ci.	4 Cu.	0	2·3
8	2 Ci.	2 Ci.	7 Cu.-Ci.	6 St.-Cu.	0	3·0
9	0	0	0	0	0	0·0
10	0	0	0	0	0	0·0
11	6 Ci.	5 Ci.-Cu.	6 Cu.-Ci.	8 Ci.	3 Ci.	5·0
12	1 St.	0	1 Ci.	0	0	0·7
13	7 Ci.	4 Ci.	8 Ci.	2 Ci.	1 Ci.	5·3
14	8 Cu.	0	1 Ci.	0	0	3·0
15	0	0	4 St.-Cu.	5 St.	0	1·3
16	0	0	3 St.	3 Cu.-Ci.	0	1·0
17	1 Ci.	0	1 Ci.	0	0	0·7
18	0	0	0	0	0	0·0
19	0	0	0	0	0	0·0
20	0	0	3 Ci.	5 Ci.	3 Ci.	2·0
21	4 Cu.	3 Ci.	3 Ci.	7 Ci.	8 Ci.	5·0
22	9 Ci.	10 Ci.	10 Ci.	9 Cu.-Ci.	10 Cu.-Ci.	9·7
23	7 Cu.-Ci.	7 Ci.-Cu.	10 Ni.	7 St.	7 St.	8·0
24	10 Fog.	10 St.-Cu.	10 St.-Cu.	10 Ni.	10 St.-Ni.	10·0
25	4 St.-Cu.	5 Cu.	2 Cu.	2 Cu.	0	2·0
26	3 Cu.	8 Cu.	1 Cu.	0	0	1·3
27	7 St.-Cu.	9 Cu.	4 Cu.	4 Cu.	0	3·7
28	1 Cu.	1 Cu.-Ci.	2 Ci.	3 St.	2 St.	1·7
29	8 Ci.-St.	8 Ci.	10 Ci.	10 Cu.	10 Ni.	9·3
30	2 Ci.	10 Ni.	7 Ci.-Ni.	10 Ni.	10 Ni.	6·3
Mean	3·33	3·47	3.90	3·70	2·13	3·12

Cloud.

May, 1905.

Date	Hours of Observation					Mean
	8 a.m.	11 a.m. *	2 p.m.	5 p.m. *	8 p.m.	
1	3 Ci.-Cu.	2 Ci.	1 Ci.	2 Ci.	0	1·3
2	2 Cu.	2 Cu.	0	3 St.-Cu.	0	0·7
3	8 St.-Cu.	8 St.-Cu.	4 St.-Cu.	5 Cu.	4 St.-Cu.	5·3
4	5 Cu.	4 Cu.	7 Cu.	6 Cu.	0	4·0
5	8 Cu.-Ni.	1 Cu.	1 Ci.	1 Ci.	2 Cu.	3·7
6	4 Ci.-Cu.	0	0	0	0	1·3
7	7 Ci.-Cu.	6 Ci.-Cu.	2 Ci.	1 Ci.	0	3·0
8	6 Cu.-Ni.	7 Cu.	7 Cu.	7 Cu.	5 Cu.	6·0
9	5 Cu.	0	0	0	0	1·7
10	4 Ci.	8 Ci.	7 Ci.	7 Ci.	0	3·7
11	8 Ci.	6 Ci.	7 Ci.	8 Ci.	4 Cu.	6·3
12	2 Ci.	4 Ci.	2 Ci.	3 Ci.	0	1·3
13	8 Ci.	6 Ci.	3 Ci.-Cu.	6 Cu.-Ci.	5 Cu.	5·3
14	4 Ci.	4 Ci.-Cu.	7 Ci.	8 Ci.-Cu.	4 Ci.	5·0
15	4 Ci.	0	0	0	4 Ci.	2·7
16	7 Ci.	8 Ci.	5 Ci.	6 Ci.	3 Ci.	5·0
17	2 Ci.	3 Ci.	0	0	0	0·7
18	1 Ci.	0	3 Ci.	0	0	1·3
19	0	0	0	4 Ci.	2 Ci.	0·7
20	4 Ci.-Cu.	3 Ci.	4 Ci.	3 Cu.	4 Cu.	4·0
21	7 Cu.	8 Cu.	6 Cu.	4 Ci.-Cu.	0	4·3
22	2 Cu.	0	5 Ci.	8 Ci.-Cu.	1 Cu.	2·7
23	0	0	0	2 Ci.	2 Cu.	0·7
24	0	0	0	0	0	0·0
25	7 Ci.	8 Ci.-St.	0	0	1 Ci.	2·7
26	8 Ci.-Cu.	8 Ci.-Cu.	9 Ci.-Cu.	9 Ci.-Cu.	0	5·7
27	0	3 Ci.	4 Ci.-St.	2 Ci.	3 Ci.-St.	2·3
28	6 Ci.	0	0	2 Ci.	0	2.0
29	2 Ci.	1 Ci.	0	0	0	0·7
30	0	0	0	0	0	0·0
31	0	2 Ci.	7 Ci.	6 Ci.-Cu.	0	2·3
Mean	4·00	3·29	2·94	3·32	1·42	2·79

* Additional observations not used in the Daily Mean.

June, 1905.

Date	Hours of Observation					Mean
	8 a.m.	11 a.m. *	2 p.m.	5 p.m. *	8 p.m.	
1	8 Cu.	1 Ci.	0	0	0	[illegible]
2	0	3 Ci.	5 Ci.	—	1 Ci.	[illegible]
3	8 Cu.-Ni.	4 Ci.	8 Cu.	7 Cu.	2 Cu.	[illegible]
4	5 Ci.	7 Ci.	4 Ci.	3 Ci.	8 Cu.	[illegible]
5	3 Cu.-Ci.	3 Ci.	1 Ci.	2 Ci.	7 Ci.	[illegible]
6	2 Ci.	2 Ci.	4 Ci.-Cu.	7 Cu.-Ci.	3 Cu.	[illegible]
7	1 Cu.	0	2 St.	3 St.	0	[illegible]
8	0	0	1 Ci.	2 Ci.	2 Ci.-Cu.	[illegible]
9	4 St.	2 Ci.	3 Ci.-Cu.	0	0	[illegible]
10	0	0	2 Cu.	2 Cu.	0	[illegible]
11	1 Ci.	1 Cu.	0	2 Ci.	3 Ci.	[illegible]
12	2 Ci.	8 St.-Cu.	6 St.-Cu.	8 St.-Cu.	3 Cu.	[illegible]
13	6 Cu.	4 Cu.-Ci.	6 Ci.	8 Ci.-St.	2 Ci.	[illegible]
14	3 Ci.	0	4 Ci.-Cu.	4 Ci.-Cu.	8 Ci.-Cu.	[illegible]
15	6 Ci.	8 Ci.-Cu.	7 Ci.-St.	8 St.-Cu.	3 Ci.	[illegible]
16	0	0	1 Ci.	3 Ci.-Cu.	3 Cu.	[illegible]
17	4 Cu.	1 Cu.	1 Cu.	0	0	[illegible]
18	2 Cu.	0	3 Cu.	4 Cu.	0	[illegible]
19	4 Cu.	0	1 Cu.	2 Cu.	2 Cu.	[illegible]
20	0	0	0	0	0	[illegible]
21	0	0	2 Ci.	7 Cu.	0	[illegible]
22	0	0	0	0	0	[illegible]
23	2 St.	0	0	0	0	[illegible]
24	0	0	0	0	0	[illegible]
25	2 Cu.	0	0	0	0	[illegible]
26	1 St.-Cu.	0	0	0	0	[illegible]
27	2 Cu.	0	0	0	0	[illegible]
28	6 Cu.	0	0	0	0	[illegible]
29	5 Cu.	0	0	3 Cu.	0	[illegible]
30	3 Cu.	0	0	1 Cu.	0	[illegible]
Mean	2·67	1·47	2·03	2·53	1·57	[illegible]

July, 1905.

Date	Hours of Observation					Mean
	8 a.m.	11 a.m. *	2 p.m.	5 p.m. *	8 p.m.	
1	2 Cu.	0	0	0	0	0·7
2	0	0	0	0	3 Cu.	1·0
3	0	0	0	0	0	0·0
4	0	1 Ci.	1 Ci.	1 Cu.	2 Cu.	1·0
5	0	0	5 Cu.	5 Cu.	0	1·7
6	0	0	2 Cu.	2 Cu.	0	0·7
7	0	0	0	0	0	0·0
8	0	0	0	0	0	0·0
9	0	0	0	—	0	0·0
10	0	0	0	0	0	0·0
11	0	0	0	0	0	0·0
12	0	0	2 Cu.	1 Cu.	0	0·7
13	0	1 Cu.	0	2 Cu.-St.	0	0·0
14	6 Cu.	0	0	1 Ci.	0	2·0
15	4 Cu.	0	0	0	0	1·3
16	0	0	0	0	0	0·0
17	3 Ci.	0	0	0	0	1·0
18	1 Cu.	0	0	0	1 Cu.	0·7
19	0	0	4 Cu.	5 Cu.	0	1·3
20	3 Cu.	0	0	0	0	1·0
21	4 St.-Cu.	0	0	0	0	1·3
22	7 Cu.	0	0	0	0	2·3
23	8 Cu.	0	0	0	0	2·7
24	0	0	0	0	0	0·0
25	0	0	0	0	0	0·0
26	0	0	0	0	0	0·0
27	0	0	0	0	0	0·0
28	0	0	0	0	0	0·0
29	0	0	0	1 Cu.	0	0·0
30	0	2 Cu.	3 St.	2 St.	2 Cu.	1·7
31	2 Cu.	0	1 Cu.	3 Cu.	0	1·0
Mean	1·29	0·13	0·58	0·74	0·26	0·71

* Additional observations not used in the Daily Mean.

August, 1905.

Date	Hours of Observation					Mean
	8 a.m.	11 a.m.*	2 p.m.	5 p.m.*	8 p.m.	
1	3 Cu.-Ci.	0	0	0	0	1·0
2	3 Cu.	—	0	0	0	1·0
3	2 Cu.	0	0	0	0	0·7
4	0	0	0	2 Cu.	0	0·0
5	0	0	3 Cu.	0	0	1·0
6	0	0	1 St.	1 Cu.	0	0·3
7	3 Cu.	0	0	0	0	1·0
8	0	0	0	0	0	0·0
9	3 Cu.	0	1 Cu.	0	0	1·0
10	0	0	0	1 Cu.	0	0·0
11	0	0	1 Cu.	0	0	0·3
12	0	2 St.	3 St.	3 St.	0	1·0
13	4 Cu.	0	0	0	0	1·3
14	3 St.-Cu.	0	0	0	0	1·0
15	0	0	0	0	0	0·0
16	0	0	0	0	0	0·0
17	0	0	0	0	0	0·0
18	2 St.-Cu.	0	0	0	0	0·7
19	0	0	0	0	0	0·0
20	4 St.-Cu.	0	1 [illegible]	0	0	1·7
21	2 Cu.	0	0	0	0	0·7
22	2 Cu.	0	0	3 Cu.	3 Cu.	1·7
23	3 Cu.	0	2 Cu.	4 Cu.	0	1·7
24	6 Cu.	2 St.	4 Cu.	6 Cu.	2 Cu.	4·0
25	7 St.-Cu.	0	1 St.	0	2 Cu.	3·3
26	3 Cu.	0	0	0	0	1·0
27	2 Cu.	0	0	0	0	0·7
28	2 Cu.	0	0	0	0	0·7
29	4 Ci.	0	0	0	0	1·3
30	2 Cu.	0	0	0	0	0·7
31	3 Cu.	0	0	0	0	1·0
Mean	2.0[illegible]	0·13	0·55	0·65	0·23	0·[illegible]

Cloud.

September, 1905.

Date	Hours of Observation: 8 a.m.	11 a.m.*	2 p.m.	5 p.m.*	8 p.m.	Mean
1	4 Cu.-Ni.	0	0	0	0	2·0
2	6 St.-Cu.	0	1 Ci.	0	0	2·3
3	8 St.	0	2 Ci.	1 St.	0	3·3
4	0	0	0	0	0	0·0
5	0	0	3 Ci.	5 Cu.	2 Cu.	1·7
6	0	0	0	1 Cu.	0	0·0
7	3 St.	0	2 Ci.	1 Cu.	0	1·7
8	0	0	0	0	0	0·0
9	0	0	0	0	0	0·0
10	2 St.	0	0	0	0	0·7
11	4 St.	0	0	0	0	1·3
12	3 St.	0	0	0	0	1·0
13	0	0	0	1 Cu.	0	0·0
14	8 St.-Cu.	0	1 St.	3 Cu.	0	3·0
15	8 Cu.-Ni.	0	0	2 Cu.	0	2·7
16	2 Cu.	0	0	0	0	0·7
17	4 Ci.-St.	2 Ci.	0	0	0	1·3
18	2 St.	0	0	1 Cu.	0	0·7
19	0	0	0	0	0	0·0
20	5 Ci.	0	0	0	0	1·7
21	0	0	2 St.	0	0	0·7
22	0	0	0	0	0	0·0
23	2 St.	0	3 Ci.	6 Ci.	0	1·7
24	0	0	0	0	0	0·0
25	2 St.	0	0	2 St.	0	0·7
26	4 Ci.	0	0	0	0	1.3
27	1 St.	0	0	0	0	0·3
28	0	0	0	1 Ci.	0	0·0
29	0	0	0	2 Cu.	0	0·0
30	2 St.	0	4 Ci.	2 Cu.	0	2·0
Mean	2·40	0·07	0·60	0·93	0·07	1·03

* Additional observations not used in the Daily Mean.

October, 1905.

Date	Hours of Observation: 8 a.m.	11 a.m.*	2 p.m.	5 p.m.*	8 p.m.	Mean
1	0	0	0	0	0	0·0
2	2 Ci.	1 Ci.	0	0	0	0·7
3	0	2 Ci.	4 Ci.	7 St.	6 St.	3·3
4	7 Ci.	5 Ci.	8 Ci.	6 St.	2 Ci.	5·7
5	8 Ci.	3 Ci.	4 Ci.	6 Ci.,	6 Ci.	6·0
6	6 Ci.	8 Ci.	7 Ci.	7 St.	4 Ci.	5·7
7	3 Ci.	4 Ci.	3 Ci.	3 Ci.	1 Ci.	2·3
8	0	0	2 Ci.	3 Ci.	8 Ci.	3·3
9	4 Ci.	3 Ci.	3 Ci.	3 Ci.	2 Ci.	3·0
10	0	0	0	0	1 Ci.	0·3
11	0	0	1 Ci.	0	0	0·3
12	0	0	1 Ci.	0	0	0·3
13	0	0	0	0	0	0·0
14	3 Cu.	2 Ci.	3 Ci.	6 Ci.-St.	5 Ci.	3·7
15	6 Ci.	5 Ci.	8 Ci.-St.	9 St.	9 St.	7·7
16	8 Ni.	7 St.-Cu.	8 St.-Cu.	8 Ni.	7 Ni.-Cu.	7·7
17	2 Ci.	7 St.-Cu.	4 Ci.-St.	4 Cu.	0	2·0
18	0	0	4 Ci.	4 Ci.-Cu.	3 Cu.	2·3
19	2 Ci.	0	3 Ci.	4 St.-Ci.	1 Ci.	2·0
20	1 Ni.	8 Cu.	7 St.-Cu.	4 Ci.-St.	0	2·7
21	0	0	0	2 Ci.-Cu.	0	0·0
22	2 Ci.	3 Ci.	0	1 Ci.	0	0·7
23	3 Ci.	2 Ci.	0	3 Cu.	0	1·0
24	2 Ci.-St.	5 St.-Cu.	4 St.-Cu.	4 St.-Cu.	0	2·0
25	2 Ci.-St.	6 St.-Ni.	7 Ni.-St.	7 Cu.-Ni.	3 Cu.-Ni.	4·0
26	0	4 Cu.	6 Cu.	2 St.-Cu.	0	2·0
27	1 Cu.	0	1 Cu.	4 Ci.-Cu.	2 Cu.	1·3
28	6 Ci.-St.	2 Ci.	2 Ci.	7 Ci.-Cu.	3 St.-Cu.	3·7
29	0	4 Ci.	2 Ci.	6 Ni.	6 Cu.	2·7
30	7 St.	9 St.-Cu.	8 Ci.-St.	7 St.	4 St.	6·3
31	9 St.-Ni.	5 Ci.-St.	2 Ci.	3 Cu.	0	3·7
Mean	2·71	3·06	3·29	3·87	2·35	2·79

November, 1905.

Date	Hours of Observation: 8 a.m.	11 a.m.*	2 p.m.	5 p.m.*	8 p.m.	Mean
1	0	2 Ci.	3 Ci.	3 Ci.-St.	0	1·0
2	4 Ci.	3 Ci.	4 Ci.	3 Ci.	1 Ci.	3·0
3	3 Ci.-St.	3 Ci.-St.	4 Ci.	4 Ci-Cu.	1 Ci.	2·7
4	2 St.	0	0	1 Cu.	0	0·7
5	2 St.	0	0	0	0	0·7
6	1 Ci.	0	0	4 Ci.-Cu.	3 St.	1·3
7	5 Ci.	7 Ci.	5 Ci.-Cu.	5 Ci.-Cu.	6 Ci-St.	5·3
8	0	0	0	3 Ci.	3 Ci.	1·0
9	3 Ci.	4 Ci.	7 Ci.	7 Cu.	6 St.	5·3
10	4 Ci.	3 Ci.	5 Ci.	5 Ci.-Cu.	3 Ci.	4·0
11	6 Ci.	5 Ci.	5 Ci.	8 Cu.	9 St.	6·7
12	8 St.-Cu.	9 Ci.-St.	8 St.-Cu.	9 Ni.	8 Cu.-Ni.	8·0
13	7 Ni.-St.	6 St.-Ni.	3 Ci.-St.	4 Ci.-Cu.	2 St.	4·0
14	1 Ci.	0	0	0	0	0·3
15	3 Ci.	8 Ci.-St.	7 Ci.	7 Ci.-St.	8 Cu.	6·0
16	0	0	2 St.	2 St.	0	0·7
17	0	0	2 Ci.	3 St.	4 St.	2·0
18	7 Ci.	6 Ci.	8 Ci.	6 Cu.	2 Cu.	5·7
19	2 Ci.-St.	1 Ci.	2 Ci.	2 Cu.	0	1·3
20	5 St.-Cu.	0	0	0	0	1·7
21	2 Cu.-St.	0	0	0	0	0·7
22	2 Cu.	2 Cu.	3 Ci.	4 Ci.	0	1·7
23	3 Cu.	2 Cu.	0	0	0	1·0
24	3 Cu.	7 Ci.-St.	8 Ci.-St.	6 Ci.-St.	5 Ci.-St.	5·3
25	3 St.-Cu.	2 St.	0	2 Cu.	0	1·0
26	0	0	4 Ci.-Cu.	4 Ci.-Cu.	2 Cu.	2·0
27	2 St.	2 Ci.	3 Ci.	8 Cu.	9 Cu.	4·7
28	2 Ci.-St.	3 Ci.-St.	7 Ni.-Cu.	8 Ni.	2 St.	3·7
29	10 Fog	7 St.-Cu.	4 Cu.	2 Cu.	0	4·7
30	0	2 Cu.	3 Cu.	2 Cu.	0	1·0
Mean	3·00	2·80	3·23	3·73	2·47	2·91

* Additional observations not used in the Daily Mean.

December, 1905.

Date	Hours of Observation: 8 a.m.	11 a.m.*	2 p.m.	5 p.m.*	8 p.m.	Mean
1	0	0	1 Cu.	2 St.	0	0·3
2	0	0	0	0	3 St.	1·0
3	8 Ci.-St.	0	0	1 St.	2 St.	3·3
4	4 Ci.-St.	2 Ci.	0	0	0	1·3
5	0	0	0	0	1 Ci.	0·3
6	0	0	3 Ci.	5 Ci.-St.	2 Cu.	1·7
7	3 Ci.	2 Ci.-St.	1 Ci.	2 Cu.	5 Ci.-St.	3·0
8	2 Ci.	7 Ci.	6 Ci.	6 Ci.-Cu.	1 Ci.	3·0
9	7 Cu.	7 Cu.	7 Ci.-St.	8 Ci.-Cu.	7 Ci.-St.	7·0
10	0	3 Cu.	7 Ci.-Cu.	6 Ni.	0	2·3
11	2 Ni.	1 Ci.-St.	7 St.-Cu.	5 Cu.	10 St.-Cu.	6·3
12	0	3 St.-Cu.	4 Ci.-Cu.	3 Cu.	0	1·3
13	0	2 Cu.	0	1 Ci.	0	0·0
14	7 Cu.-St.	1 Ci.	5 Cu.	7 Cu.	2 Ci.	4·7
15	2 St.-Cu.	6 Cu.-Ni.	8 Ci.-Cu.	8 Ci.-Ni.	9 Ni.	6·3
16	3 St.-Cu.	4 Cu.	8 Cu.-Ni.	9 Cu.-Ni.	5 Cu.	5·3
17	7 Cu.-Ni.	2 Cu.	4 Cu.	4 Ni.	0	3·7
18	0	4 St.	8 St.-Ni.	8 Cu.	7 Cu.	5·0
19	3 Cu.-Ni.	9 Ni.	9 Ni.	9 Cu.-Ci.	4 Cu.	5·3
20	10 Ni.-Cu.	10 Cu.-Ni.	7 Cu.-Ni.	10 St.-Cu.	9 St.-Cu.	8·7
21	7 Cu.	2 Cu.	8 Ni.-Cu.	9 St.-Cu.	10 St.	8·[illegible]
22	2 Cu.-Ni.	1 St.	9 Ci.-Cu.	10 Ni.	6 Cu.	5[illegible]
23	5 Cu.	7 Cu.-Ni.	8 Cu.-Ni.	8 Cu.	10 St.-Cu.	
24	6 St.-Cu.	5 St.-Cu.	7 Ni.-Cu.	5 Ni.	7 Ni.	
25	8 Cu.	2 Cu.	7 Cu.-Ni.	8 Cu.-Ni.	9 Ni.	
26	3 Cu.-Ci.	4 Cu.	5 Cu.	6 Cu.	2 Ci.	
27	0	0	0	3 Ci.	0	
28	4 Ci.-Cu.	2 Cu.	3 Cu.	3 Cu.	0	
29	2 Cu.	3 Ci.	3 St.-Ci.	3 St.		
30	4 Ci.-St.	0	0	0		
31	2 St.	1 Cu.-	8 Cu.-Ni.	9 Ni.		
Mean	3·26	2·90	4·61	5·10		

Earth Temperature.

Daily, at 14 h., and at depths x metres.

Date	January				February				March				April				May				June			
	x				x				x				x				x				x			
	0·25	0·55	0.85	1·15	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·1
1	14·6	17·5	19·1	19·6	13·3	16·0	17·4	18·2	16·3	17·1	17·5	17·8	17·3	19·3	19·7	19·3	23·7	23·6	23·0	22·7	—	28·8	26·8	26·0
2	14·8	16·8	19·2	19·5	13·2	15·9	17·4	18·2	16·6	17·5	17·6	17·9	18·5	19·3	19·8	19·6	22·5	22·7	23·0	22·7	—	28·3	26·9	26·0
3	15·0	17·1	19·0	19·4	14·1	16·0	17·4	18·0	16·9	17·7	17·8	18·1	19·0	19·5	19·8	19·4	23·2	23·6	23·1	22·8	—	27·8	26·8	26·1
4	15·3	17·6	19·2	19·4	14·3	16·2	17·4	18·1	18·6	17·9	17·8	18·1	19·2	19·7	19·8	19·8	23·0	23·4	23·1	22·8	—	27·8	27·0	26·2
5	14·7	17·4	19·0	19·3	14·0	15·7	17·2	17·9	18·9	18·4	17·8	18·1	20·7	20·0	19·9	19·9	23·1	23·4	23·0	22·8	—	27·6	26·8	26·2
6	14·8	17·0	18·8	—	13·9	16·2	17·4	18·1	16·0	17·9	18·1	18·3	21·8	20·7	20·0	19·9	23·1	23·0	22·8	22·5	—	27·4	26·7	26·3
7	14·4	17·5	19·1	—	13·8	16·2	17·4	18·1	15·3	17·1	17·9	18·2	23·6	21·2	20·2	20·0	22·9	23·3	23·0	22·8	—	28·0	27·3	26·3
8	13·6	17·0	18·8	19·7	13·5	16·3	17·2	17·9	14·8	16·7	18·0	18·4	25·1	21·8	20·4	20·2	23·3	23·5	23·0	22·8	—	28·1	26·8	26·2
9	13·6	17·0	18·8	19·7	12·9	15·4	17·2	17·8	15·7	17·1	18·0	18·4	22·8	22·1	20·7	20·3	23·6	24·0	22·9	22·5	—	28·1	26·9	26·3
10	13·6	16·6	18·6	19·5	12·8	15·7	17.2	18·0	16·5	17·4	18·0	18·4	21·5	21·6	20·4	20·2	24·5	24·5	23·0	22·8	—	28·3	26·9	26·3
11	13·1	16·8	18·5	19·4	12·5	15·6	17·1	17·9	17·2	17·4	17·9	18·3	21·8	22·0	21·0	20·7	25·4	24·4	23·0	22·8	28·6	27·0	26·4	26·5
12	13·3	16·6	18·4	19·3	12·4	15·1	17·1	17·9	17·1	17·8	18·0	18·3	23·7	23·0	21·1	20·6	26·3	24·6	23·4	23·0	—	28·8	27·1	26·5
13	14·4	16·8	18·4	19·2	13·3	15·2	17·2	17·8	16·4	17·6	18·1	18·4	23·7	22·3	21·2	20·7	28·3	25·3	23·6	23·2	—	29·0	27·2	27·0
14	14·0	17·0	18·4	19·3	15·0	16·0	17·0	17·7	16·0	17·5	18·1	18·5	23·9	22·1	21·3	20·9	30·2	26·6	23·8	23·2	—	28·6	27·3	26·6
15	14·1	16·7	18·3	19·1	14·5	16·3	17·1	17·7	16·5	17·6	18·1	18·5	23·8	23·0	21·5	21·1	31·4	29·3	24·0	23·2	—	28·8	27·3	26·8
16	13·5	16·6	18·3	19·1	14·1	16·2	17·0	17·6	16·6	17·8	18·4	18·6	23·3	22·9	21·7	21·2	29·0	26·9	24·3	23·6	—	29·1	27·4	26·8
17	13·7	16·2	18·1	18·0	13·2	15·6	17·0	17·7	18·8	18·4	18·4	18·6	23·4	22·8	21·8	21·3	—	27·2	24·7	23·8	—	29·1	27·7	26·7
18	13·7	15·7	17·9	18·8	13·0	16·0	17·1	17·7	19·1	18·8	18·5	18·6	23·6	23·0	21·8	21·4	—	27·1	25·0	24·1	—	28·6	27·6	26·9
19	14·1	16·3	18·1	19·9	12·9	15·7	17·0	17·6	19·4	19·1	18·7	18·9	26·4	23·6	22·4	21·5	27·1	25·1	24·3	27·3	—	28·9	27·8	27·0
20	13·9	16·5	18·1	19·9	13·9	15·6	17·0	17·7	19·4	19·3	18·8	18·9	27·0	24·4	22·2	21·6	—	27·4	25·2	27·4	—	28·8	27·6	27·0
21	14·6	16·6	18·1	18·8	13·4	14·6	17·0	17·7	18·6	19·0	18·9	18·9	29·5	24·6	22·7	21·9	—	27·6	25·3	24·5	—	29·2	27·8	27·1
22	14·3	16·7	17·9	18·7	14·5	15·8	16·9	17·6	16·2	18·3	18·8	18·9	29·1	25·1	22·7	22·2	—	27·5	25·6	24·8	—	29·4	27·6	27·0
23	13·3	16·0	17·9	18·7	15·1	16·4	17·1	17·7	16·2	17·8	18·7	18·9	29·9	26·6	23·0	22·2	—	27·4	25·7	24·8	—	29·6	27·8	27·1
24	13·3	15·9	17·8	18·6	15·0	16·7	17·2	17·6	16·9	18·1	18·8	19·1	25·5	25·2	23·1	22·3	—	27·6	25·7	24·9	—	28·7	28·1	27·2
25	12·4	15·4	17·7	18·6	15·0	16·4	17·2	17·7	19·4	18·7	19·0	19·2	23·2	23·8	23·0	22·6	—	28·5	25·9	25·1	—	29·4	28·0	27·4
26	11·6	15·4	17·7	18·6	15·4	16·5	17·2	17·8	22·3	19·5	19·1	18·8	22·5	24·0	23·5	22·8	—	28·5	26·0	25·2	—	29·6	28·3	27·4
27	12·4	15·7	17·7	18·5	15·7	17·0	17·2	17·7	22·8	20·6	19·2	18·8	22·6	23·5	23·2	22·8	—	28·7	26·2	25·3	—	29·5	28·1	27·5
28	13·5	15·9	17·5	18·4	16·2	16·7	17·3	17·8	20·0	20·7	19·6	19·0	22·4	23·3	22·9	22·8	—	28·7	26·5	25·5	—	29·8	28·5	27·6
29	14·0	15·9	17·4	18·3					19·4	20·6	19·9	19·0	23·0	23·5	23·1	22·7	—	28·0	26·5	25·7	—	29·5	28·1	27·5
30	13·2	16·0	17·4	18·2					20·3	20·4	19·8	19·3	24·1	23·5	23·1	22·7	—	23·1	26·5	25·7	—	29·6	28·2	27·6
31	13·7	16·1	17·5	18·3					20·9	20·6	19·9	19·4					—	29·0	26·8	25·8				
Mean	13·38	16·53	18·28	19·03	13·93	15·96	17·17	17·83	17·91	18·40	18·49	18·60	23·40	22·58	21·57	21·15	25·33	25·92	24·45	24·07	28·60	28·71	27·43	26·7[illegible]

Date	July				August				September				October				November				December			
	x				x				x				x				x				x			
	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·15	0·25	0·55	0·85	1·[illegible]
1	—	29·8	28·2	27·6	—	31·0	29·9	29·3	—	30·4	29·8	29·7	—	29·2	29·1	28·4	—	25·8	27·1	27·5	—	23·0	24·4	25·0
2	—	29·8	28·3	27·6	—	31·1	29·9	29·2	—	30·8	29·9	30·6	—	28·6	28·8	28·2	—	25·6	27·0	27·6	—	22·8	24·3	24·8
3	—	29·9	28·3	27·8	—	31·0	29·9	29·4	—	30·9	29·9	29·7	—	29·2	29·0	28·4	—	25·8	26·9	26·7	—	22·4	24·1	24·6
4	—	27·8	28·5	30·2	—	31·3	29·9	29·3	—	30·6	29·8	29·7	—	28·6	28·7	28·3	—	25·7	26·8	27·2	—	22·0	23·9	24·6
5	—	30·3	28·7	27·9	—	31·4	30·0	29·4	—	30·5	29·8	29·6	—	29·6	28·9	28·2	—	26·1	26·8	27·2	—	21·9	23·8	24·5
6	—	30·4	28·6	27·9	—	31·4	30·0	29·5	—	30·6	29·9	29·7	—	29·7	28·9	28·5	—	25·5	26·7	27·1	—	21·3	23·5	24·3
7	—	30·3	28·7	28·0	—	31·6	30·2	29·5	—	30·6	28·9	29·7	—	29·2	28·8	28·9	—	25·0	26·4	26·9	—	21·6	23·4	24·3
8	—	30·4	28·8	28·1	—	31·5	30·2	29·6	—	30·1	29·1	29·7	—	28·7	28·6	28·8	—	25·4	26·5	26·8	—	21·8	23·4	24·2
9	—	30·6	28·9	28·2	—	31·5	30·3	29·6	—	30·2	29·3	29·7	—	38·7	28·8	28·7	—	24·8	26·3	26·7	—	21·7	23·2	24·0
10	—	30·6	28·9	28·3	—	31·6	30·2	29·7	—	29·7	29·6	29·5	—	28·4	28·6	28·8	—	25·3	26·3	26·7	—	21·7	23·4	23·9
11	—	30·3	28·9	28·3	—	31·4	30·3	29·7	—	30·1	29·8	29·8	—	28·5	28·6	28·8	—	25·4	26·2	26·6	—	21·6	23·2	23·8
12	—	30·8	29·1	28·4	—	36·3	30·3	29·8	—	29·8	29·6	29·5	—	28·9	28·7	28·7	—	25·4	26·2	26·6	—	21·5	23·1	23·6
13	—	30·4	29·2	28·4	—	30·9	30·1	29·8	—	29·7	29·5	29·5	—	28·6	28·5	28·7	—	25·3	26·0	26·4	—	21·1	23·0	23·6
14	—	30·9	29·2	28·5	—	31·0	30·2	29·8	—	29·7	29·7	29·6	—	28·7	28·6	28·7	—	24·9	25·9	26·3	—	21·1	22·9	23·7
15	—	31·0	29·3	28·6	—	31·3	30·2	29·9	—	29·8	29·6	29·4	—	29·0	28·7	28·7	—	24·7	25·7	26·3	—	21·1	22·6	23·3
16	—	30·5	29·3	28·6	—	31·2	30·2	29·8	—	30·0	29·6	29·5	—	28·6	28·6	28·6	—	24·6	25·8	26·2	—	20·7	22·5	23·3
17	—	30·5	29·4	28·7	—	31·0	30·2	29·9	—	30·2	29·5	29·4	—	28·7	28·6	28·6	—	24·9	25·8	25·7	—	20·5	22·5	23·3
18	—	30·5	29·9	28·7	—	30·9	30·3	29·9	—	29·9	29·6	29·4	—	28·3	28·5	28·6	—	25·0	25·6	26·1	—	20·1	22·2	23·2
19	—	30·9	29·4	28·8	—	30·8	30·2	29·9	—	30·1	29·4	29·4	—	28·4	28·6	28·6	—	24·6	25·4	26·0	—	19·7	22·1	23·0
20	—	31·1	29·4	28·8	—	31·0	30·2	29·9	—	30·0	29·5	29·4	—	27·9	28·3	28·4	—	24·7	25·6	26·0	—	19·0	21·6	22·7
21	—	31·0	29·5	28·9	—	31·2	30·0	29·9	—	30·1	29·5	29·4	—	27·8	28·4	28·5	—	24·8	25·6	25·8	—	18·2	21·4	22·6
22	—	30·7	29·5	28·9	—	30·8	30·0	29·8	—	30·2	29·7	29·4	—	27·7	28·3	28·5	—	24·7	25·6	25·9	—	18·3	21·2	22·4
23	—	30·8	29·5	29·0	—	30·6	29·9	29·7	—	30·1	29·7	29·5	—	27·6	28·0	28·4	—	24·5	25·3	25·7	—	18·4	21·1	22·2
24	—	30·9	29·5	29·0	—	30·8	29·9	29·7	—	29·5	29·4	29·3	—	27·6	28·0	28·1	—	24·6	25·3	25·7	—	18·2	20·9	22·0
25	—	31·0	29·6	29·1	—	30·6	30·0	29·7	—	29·4	29·7	29·3	—	27·2	27·9	28·2	—	23·7	25·1	25·6	—	18·8	20·8	21·7
26	—	31·0	29·7	28·0	—	30·4	29·9	29·6	—	29·3	29·4	29·2	—	27·0	27·7	28·0	—	23·6	25·0	25·5	—	18·2	20·6	[illegible]
27	—	30·6	29·7	29·1	—	30·6	29·9	29·8	—	29·3	29·4	29·3	—	27·1	27·8	28·0	—	23·3	24·8	25·4	—	16·9	20·4	[illegible]
28	—	30·8	29·7	29·1	—	30·4	29·9	29·6	—	29·3	29·2	29·1	—	27·3	27·7	28·0	—	23·2	24·6	25·3	—	17·2	20·4	[illegible]
29	—	[illegible]	29·7	29·2	—	30·5	29·8	29·6	—	29·3	29·2	29·1	—	27·2	27·7	27·8	—	23·0	24·5	25·2	—	17·5	20·3	[illegible]
30	—	[illegible]	29·8	29·2	—	30·5	29·8	29·6	—	29·3	28·9	28·3	—	26·8	27·6	27·7	—	23·0	24·5	25·1	—	16·4	19·9	[illegible]
31	2 Cu.		6	29·2	—	30·5	29·8	29·7					—	26·1	27·3	27·7					—	16·8	19·6	[illegible]
Mean	1·29		0·13	28·58	—	31.16	30·05	29·66	—	29·98	29·53	29·48	—	28·22	28·40	28·40	—	24·78	25·37	26·26	—	19·51	21·62	[illegible]

* Additional observations not u[illegible]

Actinometric Observations

Daily, at 14 h.

1, bright bulb; 2, black bulb; 3, difference.

Date	January			February			March			April			May			June		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
1	23·8	33·6	9·8	27·0	42·5	15·5	34·5	53·0	18·5	21·5	27·8	6·3	38·2	55·8	17·6	46·0	60·5	14·5
2	31·6	46·3	14·7	30·5	46·0	15·5	24·5	32·8	8·3	38·4	58·4	20·0	38·2	56·0	17·8	45·0	61·0	16·0
3	34·8	48·3	13·5	31·2	46·4	15·2	34·0	51·0	17·0	36·0	53·3	17·3	38·2	57·4	19·2	35·0	40·8	5·8
4	31·0	43·0	12·0	30·7	48·1	17·4	29·8	31·6	3·8	37·1	55·8	18·7	39·0	55·5	16·5	42·0	58·5	16·5
5	15·9	18·6	2·7	25·2	39·2	14·0	28·2	39·2	11·0	40·2	56·5	16·3	39·4	56·0	16·6	43·5	59·8	16·3
6	23·2	32·0	8·8	23·6	32·4	8·8	21·9	31·3	9·4	40·7	59·2	18·5	38·5	55·0	16·5	44·2	59·0	14·8
7	29·8	45·6	15·8	29·8	44·5	14·7	15·0	17·4	2·4	44·2	60·4	16·2	38·0	56·5	18·5	48·2	63·0	14·8
8	28·8	43·0	14·2	14·0	20·0	6·0	32·2	50·5	18·3	39·0	46·8	7·8	38·0	57·0	19·0	44·4	62·4	18·0
9	26·9	39·8	12·9	20·6	30·0	9·4	33·0	52·5	19·5	39·4	57·5	18·1	39·4	57·0	17·6	44·1	60·8	16·7
10	28·4	42·6	14·2	29·0	43·9	14·9	34·4	53·3	18·9	40·2	57·8	17·6	46·3	66·1	19·8	50·6	67·7	17·1
11	26·7	42·2	15·5	18·4	27·0	8·6	34·0	53·0	19·0	40·1	58·8	18·7	47·0	65·0	18·0	46·5	63·0	16·5
12	28·4	45·0	16·6	23·2	28·9	5·7	32·1	51·1	19·0	43·2	59·8	16·6	51·2	66·5	15·3	51·7	64·5	12·8
13	29·0	44·0	15·0	32·3	48·9	16·6	31·6	47·0	15·4	42·8	54·0	11·2	52·8	67·6	14·8	48·0	60·5	12·5
14	26·0	38·0	12·0	29·5	45·0	15·5	30·5	47·0	16·5	39·7	57·2	17·5	47·0	58·0	11·0	45·1	61·3	16·2
15	29·4	44·4	15·0	32·9	50·3	17·4	30·1	43·6	13·5	41·5	59·4	17·9	48·4	65·3	16·9	50·0	64·2	14·2
16	30·2	44·5	14·3	28·0	47·0	19·0	35·2	53·8	18·6	38·8	55·8	17·0	48·1	65·8	17·7	45·1	62·1	17·0
17	11·6	19·5	7·9	25·0	40·2	15·2	39·0	58·2	19·2	41·0	58·5	17·5	47·6	64·2	16·6	44·2	60·0	15·8
18	23·8	33·6	9·8	28·5	45·8	17·3	38·0	55·5	17·5	47·4	64·2	16·8	48·2	64·5	16·3	43·9	60·1	16·2
19	29·8	45·5	15·7	22·4	31·0	8·6	37·3	52·5	15·2	48·0	65·5	17·5	47·3	62·8	15·5	44·3	59·8	15·5
20	32·0	46·0	14·0	19·8	26·6	6·8	35·9	51·8	15·9	51·2	67·5	16·3	48·0	64·3	16·3	45·0	61·9	16·9
21	32·0	46·2	14·2	34·1	57·2	23·1	23·5	35·1	11·6	53·0	68·8	15·8	44·7	60·6	15·9	51·2	65·8	14·6
22	27·6	42·7	15·1	31·9	50·4	18·5	33·9	55·2	21·3	46·8	65·8	19·0	44·6	61·8	17·2	49·5	65·0	15·5
23	19·5	24·5	5·0	34·2	52·3	18·1	32·8	50·4	17·6	33·0	41·9	8·9	47·0	63·9	16·9	46·7	63·5	16·8
24	19·2	27·0	7·8	34·2	54·0	19·8	35·3	55·9	20·5	25·7	31·0	5·3	51·3	66·4	15·1	48·5	63·8	15·3
25	19·9	29·2	9·3	38·3	57·5	19·2	43·7	59·2	15·5	36·0	54·0	18·0	52·3	67·5	15·2	45·1	61·1	16·0
26	27·8	42·8	15·0	37·8	56·8	19·0	40·6	50·0	9·4	36·1	54·0	17·9	46·9	57·0	10·1	48·2	65·6	17·4
27	29·0	43·8	14·8	31·4	56·0	24·6	37·2	54·7	17·5	37·0	55·0	18·0	47·2	66·3	19·1	47·1	62·9	15·8
28	31·2	45·0	13·8	34·8	53·0	18·2	35·0	52·2	17·2	36·9	54·8	17·9	44·3	58·6	14·3	47·0	65·8	18·8
29	21·0	27·3	6·3				37·5	58·3	20·8	33·3	44·5	11·2	45·5	62·1	16·6	45·5	61·8	16·3
30	23·5	34·6	11·1				39·6	58·5	18·9	36·9	44·0	7·1	53·2	69·3	16·1	46·8	63·8	17·0
31	17·8	21·6	3·8				24·0	29·5	5·5				51·2	67·4	16·2			
Mean	26·12	38·07	11·95	28·51	43·60	15·09	32·65	47·91	15·25	39·50	54·93	15·43	45·39	61·85	16·46	46·08	61·67	15·59

Date	July			August			September			October			November			December		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
1	46·6	62·0	15.4	46·3	62·2	15·9				45·6	61·4	15·8	38·8	56·0	17·2	34·8	52·0	17.2
2	47·0	64·5	17·5	46·0	61·2	15·2				46·1	62·7	16·6	39·2	55·4	16·2	36·0	50·1	14·1
3	47·6	64·8	17·2	47·6	63·1	15·5				44·8	57·1	12·3	39·6	56·4	16·8	31·2	48·5	17·3
4	48·1	65·2	17·1	48·8	65·0	16·2				48·5	64·2	15·7	39·2	56·4	17·2	32·2	50·6	17·8
5	50·2	68·3	18·1	49·1	65·0	15·9				45·8	58·8	13·0	41·2	57·3	16·1	32·8	50·4	17·6
6	47·8	63·9	16·1							41·3	54·6	13·3	40·6	57·8	17·2	33·3	50·5	17·2
7	46·3	62·7	16·4							48·5	58·6	10·1	39·4	54·8	15·4	34·9	51·6	16·7
8	46·4	62·8	16·4							42·5	59·6	17·1	40·0	57·8	17·8	34·5	50·8	16·3
9	47·3	64·4	17·1							43·2	60·5	17·3	40·9	57·0	16·1	32·7	50·1	17·4
10	48·2	63·8	15·6							45·2	63·4	18·2	43·6	61·5	17·9	31·1	47·6	16·5
11	49·8	67·0	17·2							47·8	63·8	16·0	41·2	60·5	19·3	25·4	34·6	9·2
12	47·8	63·1	15·3							49·2	65·3	16·1	32·0	41·0	9·0	34·0	52·5	18·5
13	45·5	61·2	15·7							47·2	63·2	16·0	37·7	54·9	17·2	33·4	51·2	17·8
14	46·0	61·1	15·1							48·2	65·2	17·0	39·5	50·8	11·3	33·2	49·4	16·2
15	47·5	63·7	16·2							40·0	48·2	8·2	37·9	54·7	16·8	28·8	42·2	13·4
16	42·2	64·0	21·8							32·5	40·8	8·3	41·3	57·4	16·1	18·2	23·4	5·2
17	47·2	64·0	16·8							41·7	58·0	16·3	43·2	60·0	16·8	26.4	40·2	13·8
18	51·4	66·8	15·4							36·2	46·0	9·8	38·0	54·6	16·6	22·9	31·0	8·1
19	48·8	64·7	15·9							41·2	54·6	13·4	37·8	55·2	17·4	20·6	29·8	9·2
20	45·7	62·5	16·8							41·4	60·4	19·0	37·2	54·4	17·2	14·2	17·6	3·4
21	45·8	61·9	16·1							39·1	56·1	17·0	38·2	55·6	17·4	13·2	15·8	2·6
22	46·9	64·0	17·1							44·0	60·6	16·6	38·8	56·2	17·4	28·7	45·1	16·4
23	46·2	63·1	16·9							42·2	58·4	16·2	37·7	55·2	17·5	17·8	23·6	5·8
24	47·5	62·7	15·2							38·6	55·4	16·8	33·1	50·8	17·7	22·2	31·8	9·6
25	47·3	63·2	15·9							35·2	49·5	14·3	34·2	53·0	18·8	22·4	31·2	8·8
6	47·3	63·0	15·7							38·9	53·8	14·9	34·7	51·5	16·8	21·0	[illegible]	12·2
7	47·3	64·2	16·9							42·9	59·8	16·9	34·3	49·6	15·3	27·2	[illegible]	16·8
8	48·0	63·8	15·8							40·9	58·2	17·3	23·4	28·2	4·8	30·4	47·2	16·8
9	49·1	65·3	16·2							40·0	58·2	18·2	34·4	52·0	17·6	27·[illegible]	45·8	18·1
0	48·8	65·1	16·8							31·7	46·5	14·8	35·3	52·2	16·9	[illegible]	45·2	16·6
1	48·9	63·2	16·3							37·6	55·2	17·6				16·0	19·4	3·4
Mean	47·35	63·87	16·52							42·19	57·36	15·16	37·75	53·94	16·19	[illegible]	40·51	13·23

Duration of Sunshine.

Campbell-Stokes Sunshine recorder.

1905.

Date	January		February		March		April		May		June		July		August		September		October		November		December	
	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	7 25	10 15	5 30	10 45	9 40	11 33	2 00	12 27	10 30	13 18	9 35	13 56	12 30	14 03	12 35	13 36	10 05	12 48	9 15	11 54	8 45	11 00	9 [illegible]	[illegible]
2	8 50	10 15	9 00	10 47	2 25	11 35	7 20	12 29	11 58	13 20	9 00	13 57	12 45	14 02	12 25	13 34	10 05	12 46	9 15	11 52	9 05	10 58	9 05	10 21
3	8 40	10 16	9 05	10 49	7 40	11 36	9 50	12 31	11 25	13 22	7 15	13 57	13 05	14 02	12 40	13 34	9 32	12 44	8 55	11 51	8 35	10 58	8 30	10 20
4	7 20	10 16	9 20	10 50	0 45	11 38	10 00	12 33	10 10	13 23	12 15	13 58	11 30	14 02	11 25	13 32	10 05	12 42	8 30	11 50	8 55	10 56	8 05	10 18
5	0 55	10 17	4 30	10 52	2 40	11 40	10 10	12 36	11 43	13 25	12 10	13 59	12 45	14 01	12 30	13 32	10 05	12 40	8 50	11 48	9 00	10 54	9 05	10 18
6	1 15	10 18	4 00	10 54	0 40	11 42	10 25	12 37	12 30	13 26	10 25	14 00	12 40	14 01	12 25	13 30	10 15	12 39	6 25	11 46	9 05	10 52	9 15	10 18
7	6 40	10 18	9 05	10 56	0 00	11 44	9 35	12 39	12 20	13 27	12 50	14 01	12 50	14 00	12 15	13 30	9 45	12 38	9 00	11 44	8 55	10 52	9 05	10 17
8	8 40	10 19	0 05	10 58	8 50	11 46	7 35	12 40	11 38	13 29	13 00	14 01	12 55	14 00	12 05	13 28	10 10	12 36	8 45	11 42	9 10	10 50	8 05	10 16
9	8 50	10 19	1 00	10 59	8 40	11 47	10 35	12 42	12 22	13 30	13 10	14 02	12 20	13 58	11 25	13 26	9 45	12 34	8 45	11 40	8 10	10 48	7 25	10 16
10	6 45	10 20	6 10	11 00	9 15	11 49	10 20	12 44	11 25	13 32	12 00	14 02	13 10	13 58	11 10	13 25	9 35	12 32	8 55	11 38	8 50	10 46	8 05	10 15
11	7 40	10 21	1 55	11 02	7 35	11 51	8 15	12 45	10 25	13 32	12 00	14 02	13 00	13 58	12 10	13 24	9 45	12 30	8 45	11 36	7 45	10 46	5 40	10 14
12	9 00	10 23	8 35	11 04	6 55	11 53	10 00	12 48	12 10	13 34	11 00	14 03	12 05	13 56	11 50	13 22	9 35	12 28	8 35	11 34	2 25	10 44	8 05	10 14
13	6 20	10 23	8 10	11 06	7 55	11 55	9 40	12 50	11 25	13 36	8 10	14 03	12 50	13 56	11 45	13 20	9 20	12 26	8 45	11 33	6 10	[illegible] 2	8 00	10 14
14	8 45	10 24	9 20	11 07	7 50	11 57	9 35	12 51	10 35	13 36	11 00	14 04	12 30	13 55	11 00	13 18	8 30	12 25	9 00	11 32	8 55	10 40	4 10	10 13
15	8 15	10 25	6 00	11 09	9 10	11 58	10 30	12 53	11 50	13 38	9 35	14 04	11 50	13 54	12 05	13 17	8 25	12 23	6 20	11 30	8 10	10 39	3 45	10 12
16	8 30	10 26	3 15	11 10	8 20	12 01	11 50	12 55	10 10	13 40	12 05	14 03	12 40	13 54	11 25	13 15	9 20	12 22	2 05	11 28	9 25	10 38	4 45	10 12
17	3 10	10 27	7 10	11 12	9 05	12 02	12 10	12 56	10 40	13 41	13 05	14 04	12 45	13 52	11 50	13 13	9 10	12 20	9 10	11 26	9 15	10 36	6 30	10 12
18	1 50	10 28	9 10	11 14	8 55	12 04	11 50	12 58	10 45	13 42	13 00	14 04	12 45	13 52	12 35	13 12	9 10	12 18	8 30	11 24	8 20	10 36	5 15	10 12
19	9 10	10 29	8 00	11 15	9 10	12 06	11 35	12 59	9 15	13 43	12 35	14 04	11 35	13 50	12 05	13 10	9 25	12 16	9 10	11 22	8 50	10 34	2 40	10 12
20	9 20	10 30	0 25	11 17	8 05	12 07	11 00	13 01	9 05	13 44	13 10	14 04	12 45	13 50	11 45	13 08	8 55	12 14	9 15	11 20	9 05	10 33	1 45	10 12
21	8 20	10 31	9 00	11 19	3 40	12 09	9 55	13 03	6 40	13 45	10 55	14 05	12 25	13 48	11 45	13 06	8 55	12 12	9 30	11 18	8 55	10 32	3 40	10 12
22	4 55	10 32	9 05	11 21	7 10	12 11	5 25	13 04	10 35	13 47	12 30	14 04	12 10	13 47	11 50	13 04	8 55	12 10	9 10	11 17	9 05	10 30	7 45	10 12
23	5 15	10 33	9 50	11 22	7 00	12 12	4 45	13 07	11 35	13 47	12 35	14 04	10 30	13 46	11 50	13 03	8 55	12 09	9 00	11 15	8 50	10 30	2 50	10 12
24	6 10	10 35	7 05	11 24	8 00	12 14	1 05	13 08	11 45	13 49	12 35	14 04	12 15	13 45	11 40	13 01	8 50	12 08	9 10	11 14	8 10	10 29	4 00	10 12
25	5 40	10 37	9 30	11 26	7 00	12 15	11 40	13 10	10 10	13 49	12 20	14 04	12 05	13 44	10 40	13 00	9 05	12 06	7 40	11 12	8 45	10 28	4 35	10 12
26	8 10	10 38	10 00	11 28	4 10	12 17	12 00	13 12	5 00	13 51	12 45	14 04	12 20	13 43	11 45	12 58	8 55	12 04	9 15	11 10	8 50	10 26	7 35	10 12
27	8 30	10 40	2 30	11 29	8 40	12 19	9 50	13 12	12 00	13 51	12 15	14 03	12 15	13 41	11 55	12 56	9 10	12 02	9 00	11 08	7 40	10 26	9 00	10 12
28	8 40	10 40	8 30	11 31	9 30	12 21	12 05	13 14	12 25	13 52	11 35	14 04	13 00	13 40	11 50	12 55	9 10	12 00	8 55	11 06	4 20	10 25	9 00	10 12
29	5 55	10 41			9 25	12 22	4 50	13 15	12 20	13 54	11 45	14 04	12 25	13 39	10 55	12 54	9 15	11 58	8 50	11 06	6 00	10 24	9 15	10 12
30	7 55	10 43			8 10	12 25	3 25	13 16	11 40	13 54	12 35	14 03	12 25	13 38	11 30	12 52	9 05	11 56	6 15	11 04	9 15	10 22	8 55	10 12
31	2 45	10 45			5 30	12 26			10 10	13 55			12 10	13 38	12 00	12 50			7 10	11 02			5 55	10 12
Mean	6 46	10 27	6 37	11 8	6 50	12 00	8 58	12 53	10 52	13 38	11 38	14 01	12 26	13 52	11 50	13 14	9 22	12 16	8 23	11 28	8 13	10 40	6 45	10 14
Mean percentage	64·8		59·4		56·9		69·6		79·7		83·0		89·7		77·2		76·4		73·1		77·0		65·9	

Rainfall in millimetres.

1905.

Date	January 8 a.m.	January 2 p.m.	January 8 p.m.	January Day's Total	February 8 a.m.	February 2 p.m.	February 8 p.m.	February Day's Total	March 8 a.m.	March 2 p.m.	March 8 p.m.	March Day's Total	April 8 a.m.	April 2 p.m.	April 8 p.m.	April Day's Total
1	..	..	..	..	..	..	..	..	..	..	..	..	0·4	0·0	0·0	0·4
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	..	..	..	..	(1)	0·0	0·0	0·0	..	..	..	..	..	..	..	..
6	0·8	0·0	0·0	0·8	..	..	..	..	..	..	..	..	..	..	..	..
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	..	..	..	..	..	(2)	0·0	0·0	..	..	..	..	..	..	..	..
9	..	..	..	..	0·5	0·0	0·0	0·5	..	..	..	..	..	..	..	..
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	..	..	..	..	0·0	0·7	0·3	1·0	..	..	..	..	..	..	..	..
12	..	..	..	..	0·3	0·0	0·0	0·3	..	..	..	..	..	..	..	..
13	0·0	0·0	(1)	0·0	..	..	..	..	..	..	..	..	..	..	..	..
14	0·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	(2)	0·0	0·0	0·0	..	..	..	..	0·0	0·0	(1)	0·0	..	..	..	..
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	..	..	..	..	..	..	..	..	0·0	0·0	0·5	0·5	..	..	..	..
22	0·0	0·0	(3)	0·0	..	..	..	..	..	..	..	..	..	..	..	..
23	0·0	0·0	0·4	0·4	..	..	..	..	..	..	..	..	..	..	..	..
24	0·3	0·0	(4)	0.3	..	..	..	..	..	..	..	..	0·0	0·0	(1)	0·0
25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	..	..	..	..	..	..	..	..	..	..	..	..	0·0	0·0	(2)	0·0
30	..	..	..	..	..	..	..	..	0·0	0·0	(2)	0·0	0·0	0·0	0·0	0·0
31	..	..	..	..	..	..	..	..	0·0	0·0	1·4	1·4	..	..	..	..
Total	1·1	0·0	0·4	1·5	0·8	0·7	0·3	1·8	0·0	0·0	1·9	1·9	0·4	0·0	0·0	0·4

(1) Drops p.m.
(2) Drops of rain a.m.
(3) Drops p.m.
(4) Drops p.m.

(1) Drops of rain a.m.
(2) Drops of rain p.m.

(1) Drops p.m.
(2) Drops p.m.

(1) Drops p.m.
(2) Drops p.m.

Date	October 8 a.m.	October 2 p.m.	October 8 p.m.	October Day's Total	November 8 a.m.	November 2 p.m.	November 8 p.m.	November Day's Total	December 8 a.m.	December 2 p.m.	December 8 p.m.	December Day's Total
1	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..
3	..	..	..	..	..	..	..	..	..	..	..	..
4	..	..	..	..	..	..	..	..	..	..	..	..
5	..	..	..	..	..	..	..	..	..	..	..	..
6	..	..	..	..	..	..	..	..	..	..	..	..
7	..	..	..	..	..	..	..	..	..	..	..	..
8	..	..	..	..	..	..	..	..	..	..	..	..
9	..	..	..	..	..	..	..	..	..	..	..	..
10	..	..	..	..	..	..	..	..	..	..	..	..
11	..	..	..	..	..	..	..	..	..	..	..	..
12	..	..	..	..	..	..	..	..	..	..	..	..
13	..	..	..	..	..	..	..	..	..	..	..	..
14	..	..	..	..	..	..	..	..	0·0	0·0	(1)	0·0
15	..	..	..	..	..	..	..	..	0·0	0·0	0·1	0·1
16	(1)	0·0	0·1	0·1	..	..	..	..	0·4	0·0	0·0	0·4
17	..	..	..	..	..	..	..	..	..	..	..	..
18	..	..	..	..	..	..	..	..	..	..	..	..
19	..	..	..	..	..	..	..	..	0·0	(2)	0·0	0·0
20	..	..	..	..	..	..	..	..	(3)	0·0	0·0	0·0
21	..	..	..	..	..	..	..	..	..	..	..	..
22	..	..	..	..	..	..	..	..	0·0	0·0	1·1	1·1
23	..	..	..	..	..	..	..	..	..	..	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..
25	..	..	..	..	..	..	..	..	0·0	0·0	(4)	0·0
26	..	..	..	..	..	..	..	..	(5)	0·0	0·0	0·0
27	..	..	..	..	0·0	0·0	(1)	0·0	..	..	..	..
28	..	..	..	..	0·0	0·0	0·6	0·6	..	..	..	..
29	..	..	..	..	..	..	..	..	..	..	..	..
30	..	..	..	..	..	..	..	..	..	..	..	..
31	..	..	..	..					0·0	0·0	0·4	0·4
Total	0·0	0·0	0·1	0·1	0·0	0·0	0·6	0·6	0·4	0·0	1·6	2·0

MAY 21st, drops of rain at 8 a.m.
JUNE, JULY, AUGUST, SEPTEMBER no rainfall.

(1) Drops a.m.

(1) Drops p.m.

(1) Drops p.m.
(2) Drops p.m.
(3) Drops a.m.
(4) Drops p.m.
(5) Drops a.m.

Total rainfall for the year 8·3 mm.

Evaporation per hour, and day's total in millimetres.

1905.

Date	January				February				March				April			
	8 a.m.	2 p.m.	8 p.m.	Day's Total	8 a.m.	2 p.m.	8 p.m.	Day's Total	8 a.m.	2 p.m.	8 p.m.	Day's Total	8 a.m.	2 p.m.	8 p.m.	Day's Total
1	0·08	0·10	0·12	2·3	0·06	0·08	0·10	1·8	0·13	0·17	0·27	4·2	0·02	0·22	0·28	3·3
2	0·16	0·52	0·47	7·8	0·05	0·10	0·13	2·0	0·12	0·13	0·43	4·9	0·05	0·20	0·33	3·8
3	0·17	0·27	0·50	6·6	0·08	0·17	0·18	3·1	0·14	0·17	0·32	4·6	0·12	0·18	0·43	5·2
4	0·03	0·22	0·42	4·2	0·04	0·17	0·20	2·7	0·35	0·33	0·35	8·3	0·14	0·25	0·38	5·5
5	0·06	0·07	0·05	1·4	0·09	0·18	0·27	3·8	0·25	0·30	0·37	7·0	0·22	0·27	0·48	7·2
6	0·01	0·03	0·27	1·9	0·02	0·13	0·17	2·0	0·08	0·07	0·23	2·7	0·20	0·22	0·55	7·0
7	0·07	0·32	0·28	4·4	0·07	0·12	0·12	2·2	0·15	0·08	0·15	3·2	0·27	0·45	0·73	10·3
8	0·08	0·10	0·15	2·5	0·08	0·17	0·10	2·6	0·03	0·27	0·37	4·2	0·38	0·47	1·12	14·0
9	0·07	0·15	0·18	2·8	0·02	0·07	0·20	1·8	0·14	0·15	0·17	3·6	0·13	0·32	0·62	7·2
10	0·08	0·13	0·20	2·9	0·00	0·15	0·05	2·2	0·21	0·18	0·20	4·8	0·22	0·68	0·73	11·2
11	0·08	0·10	0·12	2·2	0·07	0·03	0·17	2·0	0·32	0·45	0·70	10·8	0·18	0·72	0·62	10·2
12	0·05	0·12	0·23	2·7	0·02	0·10	0·08	1·3	0·08	0·18	0·40	4·5	0·12	0·55	0·85	9·8
13	0·15	0·12	0·13	3·3	0·06	0·13	0·18	2·6	0·06	0·25	0·43	4·8	0·27	0·40	0·60	9·2
14	0·05	0·12	0·18	2·4	0·17	0·20	0·20	4·4	0·10	0·17	0·28	3·9	0·29	0·25	0·60	8·6
15	0·04	0·15	0·22	2·7	0·05	0·22	0·22	3·2	0·13	0·22	0·30	4·7	0·22	0·32	0·62	8·2
16	0·07	0·13	0·23	3·0	0·10	0·18	0·18	3·4	0·10	0·18	0·38	4·6	0·23	0·37	0·47	7·8
17	0·07	0·12	0·17	2·5	0·08	0·15	0·25	3·4	0·25	0·22	0·28	6·0	0·18	0·57	0·77	10·2
18	0·11	0·30	0·40	5·5	0·08	0·20	0·20	3·4	0·12	0·18	0·27	4·2	0·22	0·45	0·65	9·2
19	0·12	0·42	0·47	6·8	0·07	0·10	0·10	2·0	0·20	0·30	0·47	7·0	0·38	0·38	0·50	9·8
20	0·05	0·13	0·17	2·4	0·10	0·17	0·20	3·4	0·12	0·30	0·40	5·6	0·25	0·63	1·17	13·8
21	0·09	0·17	0·22	3·4	0·08	0·13	0·37	4·0	0·13	0·27	0·48	6·1	0·63	0·48	0·58	14·0
22	0·12	0·18	0·18	3·6	0·11	0·25	0·57	6·2	0·06	0·35	0·47	5·6	0·40	0·73	0·70	13·4
23	0·02	0·08	0·22	2·0	0·13	0·65	0·52	8·6	0·08	0·37	0·40	5·6	0·38	0·53	0·58	11·2
24	0·01	0·12	0·17	1·8	0·27	0·67	0·98	13·1	0·12	0·13	0·22	3·5	0·22	0·43	0·35	7·3
25	0·07	0·12	0·23	2·9	0·22	0·22	1·05	10·2	0·20	0·40	0·42	7·3	0·18	0·37	0·73	8·7
26	0·03	0·10	0·25	2·5	0·35	0·40	0·67	10·6	0·33	0·43	0·45	9·3	0·05	0·27	0·47	5·0
27	0·05	0·17	0·13	2·4	0·30	0·13	0·33	6·4	0·48	0·40	0·42	10·6	0·21	0·25	0·30	5·8
28	0·12	0·13	0·25	3·7	0·29	0·42	0·40	8·4	0·18	0·37	0·38	6·7	0·20	0·32	0·38	6·6
29	0·12	0·15	0·25	3·8					0·12	0·20	0·40	5·0	0·38	0·32	1·70	16·6
30	0·05	0·10	0·30	3·0					0·14	0·18	0·18	3·9	0·45	0·40	0·75	12·3
31	0·07	0·15	0·18	2·8					0·17	0·42	0·22	5·8				
Sum	2·35	5·09	7·34	102·2	3·06	5·69	8·19	120·8	5·09	7·82	10·81	173·0	7·19	12·00	19·04	272·4
Mean	0·08	0·16	0·24	3·30	0·11	0·20	0·29	4·31	0·16	0·25	0·35	5·58	0·24	0·40	0·63	9·08

Date	May				June			
	8 a.m.	2 p.m.	8 p.m.	Day's Total	8 a.m.	2 p.m.	8 p.m.	Day's Total
1	0·50	0·65	0·78	14·6	0·39	0·78	0·97	15·2
2	0·23	0·43	0·57	8·8	0·53	0·80	0·83	16·2
3	0·21	0·30	0·62	[illegible]	0·71	1·03	1·07	21·1
4	0·13	0·37	0·57	7·2	0·53	0·87	0·93	17·2
5	0·12	0·27	0·93	8·6	0·17	0·85	1·02	13·2
6	0·19	0·32	0·50	7·2	0·43	0·92	0·88	16·0
7	0·19	0·28	0·53	7·2	0·42	0·58	0·80	13·4
8	0·19	0·28	0·40	6·4	0·40	0·57	0·83	13·2
9	0·12	0·70	0·65	9·5	0·29	0·67	0·97	13·3
10	0·16	1·15	0·98	14·7	0·35	0·43	1·07	13·2
11	0·78	1·12	1·33	24·0	0·22	0·43	0·92	10·8
12	0·41	0·77	1·25	17·0	0·37	0·72	0·97	14·5
13	0·53	0·43	0·63	12·8	0·30	0·50	0·78	11·3
14	0·73	0·68	1·32	20·8	0·17	0·27	0·60	7·2
15	0·78	1·07	1·13	22·6	0·40	0·33	1·17	13·8
16	0·43	1·05	1·17	18·5	0·34	0·47	0·75	12·0
17	0·33	1·00	1·52	19·1	0·17	0·47	0·80	9·6
18	0·58	1·13	1·22	21·1	0·25	0·42	0·78	10·2
19	0·47	0·73	1·03	16·2	0·27	0·62	0·63	9·5
20	0·46	0·48	0·50	11·4	0·30	0·45	0·72	10·5
21	0·82	0·43	0·87	17·6	0·35	0·50	[illegible]	11·6
22	0·48	0·68	0·93	15·4	0·42	0·60	[illegible]	13·8
23	0·41	0·58	0·97	14·2	0·32	0·65	0·88	13·0
24	0·39	0·48	0·85	12·7	0·19	0·82	1·03	13·4
25	0·43	0·72	1·33	17·5	0·32	0·65	0·78	12·4
26	0·97	0·33	0·72	19·2	0·35	0·73	0·97	14·4
27	0·43	0·77	1·17	16·8	0·25	0·65	0·77	11·5
28	0·20	0·67	0·67	10·4	0·25	0·53	0·77	10·8
29	0·28	0·75	0·93	13·5	0·20	0·47	0·63	9·0
30	0·54	0·52	1·13	16·4	0·25	0·57	0·87	11·6
31	0·96	1·12	1·23	25·6				
Sum	13·45	20·26	28·43	455·0	9·91	18·33	25·79	[illegible]82·9
Mean	0·43	0·65	0·92	14·68	0·33	0·61	0·86	[illegible]2·76

Date	July				August				September			
	8 a.m.	2 p.m.	8 p.m.	Day's Total	8 a.m.	2 p.m.	8 p.m.	Day's Total	8 a.m.	2 p.m.	8 p.m.	Day's Total
1	0·18	0·77	0·83	11·8	0·23	0·20	0·63	7·8	0·22	0·60	0·95	12·0
2	0·22	0·68	0·90	12·1	0·18	0·17	0·87	8·4	0·12	0·55	0·93	10·4
3	0·12	0·63	0·83	10·2	0·13	0·50	0·45	7·8	0·17	0·43	0·67	8·6
4	0·27	0·27	0·72	9·1	0·17	0·40	0·80	9·2	0·27	0·47	0·65	9·9
5	0·16	0·68	0·87	11·2	0·28	0·60	0·77	11·6	0·22	0·52	0·68	9·8
6	0·18	0·52	0·48	8·2	0·40	0·58	0·83	13·3	0·23	0·52	0·68	10·0
7	0·27	0·52	0·58	9·8	0·21	0·55	0·90	11·2	0·22	0·62	0·67	10·4
8	0·12	0·53	0·55	7·9	0·25	0·45	0·78	10·4	0·38	0·73	0·67	13·0
9	0·27	0·43	0·83	10·8	0·18	0·38	0·57	7·8	0·30	0·82	0·92	14·1
10	0·32	0·57	0·50	10·2	0·18	0·50	0·73	9·6	0·22	0·70	0·55	10·1
11	0·20	0·57	0·90	11·2	0·27	0·50	0·67	10·2	0·17	0·40	0·90	9·8
12	0·32	0·53	0·65	10·9	0·18	0·50	0·77	9·8	0·20	0·45	0·60	8·6
13	0·21	0·57	0·65	9·8	0·05	0·53	0·83	8·8	0·12	0·45	0·62	7·9
14	0·22	0·38	0·85	10·1	0·18	0·57	0·47	8·4	0·10	0·43	0·68	7·9
15	0·32	0·32	0·60	9·4	0·22	0·82	1·07	14·0	0·15	0·38	0·65	8·0
16	0·23	0·70	0·88	12·3	0·36	0·57	0·72	12·0	0·10	0·50	0·78	8·7
17	0·28	0·72	0·95	13·4	0·24	0·57	0·82	11·2	0·08	0·58	0·88	9·8
18	0·13	0·65	0·92	11·0	0·18	0·57	0·80	10·4	0·13	0·60	0·72	9·5
19	0·33	0·47	0·70	11·0	0·12	0·70	0·77	10·2	0·18	0·53	0·68	9·5
20	0·26	0·53	0·65	10·2	0·22	0·53	0·67	9·8	0·12	0·47	0·52	7·3
21	0·28	0·28	0·47	7·9	0·27	0·72	0·92	13·0	0·17	0·58	0·63	9·3
22	0·27	0·38	0·35	7·6	0·25	0·55	0·58	9·8	0·23	0·55	0·60	9·7
23	0·35	0·35	0·50	9·3	0·23	0·50	0·60	9·4	0·15	0·55	0·80	9·9
24	0·22	0·12	0·77	8·0	0·55	0·30	0·77	7·4	0·18	0·53	0·62	9·1
25	0·22	0·43	0·62	8·9	0·22	0·38	0·75	9·5	0·05	0·50	0·72	7·9
26	0·12	0·53	0·80	9·4	0·22	0·52	0·73	10·2	0·12	0·38	0·52	6·9
27	0·30	0·45	0·48	9·2	0·26	0·60	0·75	11·2	0·09	0·25	0·47	5·4
28	0·27	0·67	0·87	12·4	0·18	0·55	0·72	9·8	0·18	0·35	0·50	7·2
29	0·35	0·38	0·67	10·5	0·18	0·35	0·72	8·6	0·24	0·30	0·68	8·8
30	0·35	0·47	0·65	10·9	0·27	1·50	0·67	10·2	0·12	0·67	0·75	9·9
31	0·20	0·47	0·97	11·0	0·34	0·55	0·93	13·0				
Sum	7·54	15·57	21·99	315·7	7·20	15·71	23·06	314·0	5·23	15·41	20·69	280·0
Mean	0·24	0·50	0·71	10·18	0·23	0·51	0·74	10·13	0·17	0·51	0·69	9·33

Date	October				November				December			
	8 a.m.	2 p.m.	8 p.m.	Day's Total	8 a.m.	2 p.m.	8 p.m.	Day's Total	8 a.m.	2 p.m.	8 p.m.	[illegible]
1	0·17	0·70	0·87	11·4	0·10	0·47	0·63	7·8	0·07	0·07	0·17	[illegible]
2	0·17	0·70	0·83	11·2	0·08	0·57	0·52	7·5	0·02	0·17	0·20	[illegible]
3	0·35	0·83	0·75	13·7	0·13	0·43	0·60	7·8	0·02	0·15	0·12	[illegible]
4	0·88	0·95	0·60	19·8	0·20	0·57	0·68	9·9	0·02	0·12	0·12	[illegible]
5	0·22	0·50	0·70	9·8	0·22	0·60	0·52	9·3	0·04	0·08	0·17	[illegible]
6	0·16	0·77	0·48	9·4	0·20	0·70	0·60	10·2	0·02	0·20	0·22	[illegible]
7	0·15	0·45	0·65	8·4	0·18	0·77	0·57	10·2	0·12	0·50	0·53	[illegible]
8	0·22	0·50	0·70	9·8	0·15	0·68	0·73	10·3	0·25	0·63	0·57	10·2
9	0·17	0·40	0·75	8·9	0·12	0·73	1·13	12·6	0·16	0·32	0·33	5·8
10	0·27	0·90	0·83	13·6	0·18	0·30	0·85	9·1	0·12	0·23	0·23	4·2
11	0·38	1·10	0·93	16·8	0·12	0·19	0·40	4·9	0·07	0·17	0·23	3·2
12	0·13	1·17	0·89	13·8	0·18	0·15	0·17	4·0	0·15	0·17	0·40	5·2
13	0·71	0·95	0·65	18·1	0·20	0·17	0·45	6·1	0·22	0·27	0·53	7·4
14	0·45	0·73	0·93	15·4	0·12	0·27	0·23	4·4	0·18	0·15	0·20	4·3
15	0·38	0·40	0·60	10·6	0·12	0·27	0·22	4·3	0·08	0·20	0·28	3·9
16	0·17	0·33	0·18	5·1	0·28	0·47	1·00	12·1	0·10	0·27	0·28	4·5
17	0·28	0·47	0·65	10·1	0·25	0·37	0·70	9·4	0·05	0·13	0·13	2·2
18	0·17	0·43	0·47	7·4	0·29	0·45	0·67	10·2	0·04	0·17	0·27	3·1
19	0·18	0·30	0·58	7·5	0·18	0·52	0·60	8·9	0·07	0·07	0·15	2·1
20	0·17	0·33	0·55	7·3	0·10	0·35	0·38	5·6	0·03	0·08	0·12	1·6
21	0·08	0·15	0·37	4·1	0·07	0·48	0·68	7·8	0·05	0·15	0·23	2·9
22	0·32	0·43	0·93	12·0	0·10	0·53	0·53	7·6	0·08	0·15	0·12	2·6
23	0·33	0·36	0·70	10·4	0·12	0·43	0·53	7·2	0·02	0·07	0·12	1·3
24	0·13	0·40	0·47	6·8	0·11	0·18	0·23	3·8	0·07	0·12	0·25	3·0
25	0·06	0·22	0·33	4·0	0·07	0·25	0·42	4·8	0·05	0·17	0·23	3·0
26	0·17	0·63	0·72	10·1	0·12	0·20	0·27	4·2	0·05	0·27	0·27	3·8
27	0·27	0·60	0·73	11·2	0·08	0·23	0·26	3·9	0·12	0·13	0·33	5·2
28	0·12	0·33	0·50	6·4	0·07	0·08	0·88	1·8	0·10	0·33	0·48	6·1
29	0·04	0·32	0·47	5·2	0·00	0·05	0·15	1·2	0·12	0·12	0·18	3·2
30	0·18	0·27	0·30	5·6	0·05	0·13	0·28	3·1	0·12	0·10	0·12	2·8
31	0·12	0·30	0·47	6·0					0·08	0·20	0·20	3·4
Sum	8·12	15·92	19·58	309·9	4·19	11·59	15·88	210·0	2·69	5·96	7·78	115·4
Mean	0·26	0·51	0·63	10·00	0·14	0·39	0·53	7·00	0·09	0·19	0·25	3·73

NOTE.—The figures in the columns 8 a.m. 2 p.m. and 8 p.m. show the mean evaporation per hour since the previous observation.

Climatological Factors.

TEMPERATURE.

MONTHS	Mean Temperature.	Means for Three Hours.			Non-Periodic Diurnal Range.			Hottest Day Mean Temperature.	Coldest Day Mean Temperature.	Range	Absolute Monthly Range.					Mean Diurnal Variability.
		8 a.m.	2 p.m.	8 p.m.	Mean Max.	Mean Min.	Range				Absol. Max.	Date	Absol. Min.	Date	Range	
December 04	12·0	10·2	17·4	12·4	18·6	7·9	10·7	14·8	9·1	5·7	21·0	12,17	4·4	27	16·6	1·0
January 05..	10·3	7·7	16·1	11·8	17·6	5·7	11·9	12·9	7·1	5·8	26·6	20	1·9	26	24·7	1·2
February	11·2	9·1	16·9	12·7	18·3	6·3	12·0	15·1	8·0	7·1	26·1	25	3·7	12	22·4	1·2
March..	15·1	13·4	20·9	16·6	22·6	9·5	13·1	25·7	11·4	14·3	35·6	26	6·0	14	29·6	1·9
April	20·7	18·7	27·7	22·3	29·5	14.0	15·5	32·8	13·6	19·2	42·3	22	8·6	4	33·7	2·3
May	24·7	22·8	32·4	26·1	34·1	17·5	16·6	31·2	17·4	13·8	43·8	29	11·1	7	32·7	1·7
June	26·3	24·5	33·2	27·8	34·9	19·7	15·2	31·8	23·6	8·2	42·6	12	16·8	14	25·8	1·9
July	28·0	25.6	34·3	30·7	36·2	21·5	14·7	30·9	26·4	4·5	40·4	18	19·0	26	21·4	0·9
August	27·3	24·5	33·5	29·6	35·2	21·4	13·8	29·4	26·0	3·4	37·8	5	18·8	29	19·0	0·5
September	25·8	23·5	32·2	27·3	33·2	20·4	12·8	27·7	23·4	4·3	37·0	1	19·0	13	18·0	0·8
ber.	24·4	22·7	30·6	24·7	31·6	19·5	12·1	29·3	18·8	10·5	38·6	4	14·8	25	23·8	1·4
ember	20·1	18·0	26·3	20·6	27·4	15·4	12·0	22·6	15·5	7.1	34·2	10	11·6	28	22·6	0·8
ember	12·6	10·6	17·9	13·6	19·0	8·3	10·7	17·6	7·4	10·2	24·9	1	1·3	30	23·6	1·0
il Year	20·5	18·4	26·8	22·0	28·3	14·9	13·4	32·8 April 22nd	7·1 Jan. 26th							1·3
Meteor. Year	20·5	18·4	26·8	21·9	28·3	14·9	13·4			25·7	43·8	May 29	1·9	Jan. 26	41·9	1·3

NOTES.—Temperature Means $\frac{8 + 2 + 8 + \text{Minimum.}}{4}$

Mean diurnal variability $\frac{(t_1-t_2) + (t_2-t_3) \ldots\ldots + (t_n-t_{n+1})}{n}$ without regard to the sign of (t_1-t_2), etc.

where t_1 is temperature on the 1st day
t_2 „ „ 2nd day
t_n „ „ last day
t_{n+1} „ „ 1st day of following month.

Climatological Factors.

HUMIDITY, RAIN, CLOUD, SUNSHINE, EVAPORATION, WIND, PRESSURE.

MONTHS.	Vapour Pressure Mean.	Relative Humidity.				Rain		Cloudiness 0—10.	Duration of Sunshine.		Evaporation mm.	Mean Wind Velocity, kilometres per hour.	Barometric Pressure Mean 700+	Mean Wind Direction
		8 a.m.	2 p.m.	8 p.m.	Mean	Amount mm.	No. of rainy days.		Hours	Percentage of possible.				
December 1904	6·3	67	43	59	63	4·6	3	3·6	202·0	63·9	81	-	55·4	—
January ..1905	5·3	69	37	54	61	1·5	3	4·0	206·6	64·8	102	—	55·6	—
February	4·8	63	33	44	54	1·8	3	4·2	185·2	59·4	121	—	56·0	—
March	5·9	63	29	41	52	1·9	2	4·4	211·8	56·9	173	—	51·8	—
April	6·4	53	20	34	43	0·4	1	3·1	269·2	69·6	272	14·4	52·0	10
May	7·6	46	17	32	39	drops	0	2·8	336·7	79·7	455	18·4	50·7	29
June	9·1	50	19	34	42	0·0	0	2·1	349·2	83·0	383	18·2	50·2	28
July	11·1	59	22	31	45	0·0	0	0·7	385·2	89·7	316	14·8	47·8	10
August	12·4	70	25	39	54	0·0	0	0·9	367·1	77·2	314	15·0	48·0	8
September	12·6	71	28	48	59	0·0	0	1·0	281·2	76·4	280	16·7	49·6	22
October	11·1	62	29	53	57	0·1	1	2·8	260·1	73·1	310	19·1	52·2	52
November	9·7	68	34	57	63	0·6	1	2·9	246·7	77·0	210	16·2	54·6	62
December	6·6	70	39	58	64	2·0	4	3·9	209·2	65·9	115	12·1	55·4	60
Civil Year	8·6	62	28	44	53	8·3	15	2·7	3308·2	72·7	3051	16·2*	52·0	30*
Meteor Year ..	8·5	62	28	44	53	10·9	14	2·7	3301·0	72·6	3017	—	52·0	—

NOTES.—Minimum Vapour Pressure .. .. 0·0 mm. February 25th 5 p.m. and 26th 2 p.m. and 5 p.m.
Maximum „ „ .. .. 18·1 mm. October 6th 8 a.m.
Minimum Relative Humidity .. .. 0·0 February 25th 5 p.m. and 26th 2 p.m. and 5 p.m.
Maximum „ „ .. .. 94 January 22nd 8 p.m.
Maximum Evaporation .. .. 26 mm. May 31st
Minimum Barometric Pressure .. .. 743·1 mm. April 30th 8 p.m.
Maximum „ .. .. 762·6 mm. January 26th 10 a.m.
Mean Diurnal Range Barometric Pressure .. .. 1·8 mm.

* Nine months.

Register of Earthquakes at Helwan.

Milne's Seismograph.

1905.

Number.	Date	P.T. Commence. H.	P.T. Commence. M.	L.W. Commence. H.	L.W. Commence. M.	Maxima. H.	Maxima. M.	End. H.	End. M.	Max. Amplitude. m.m.	Duration. H.	Duration. M.	Remarks.
234	January 13th			13	29	13	29	13	32	0·5	0	3	Preliminary tremors unseperable in traces.
235	" 20th			2	45	2	47	2	51	0·4	0	6	
236	" 22nd			3	8	3	46	4	43	1·2	1	35	
237	February 2nd			8	40	9	23	10	30	0·9	1	50	Seems to have begun during change of spool. Time of commencement approx. to 10 min. after the time marked as end there were still some very slight thickenings for about 1 h. afterwards.
238	" 7th			18	50	20	46	21	38	0·6	2	48	Slight tremulosity nearly continuous for 2h. 48m. max as given.
239	" 7th and 8th .			23	17	6 7 8	16 31 0	8	30	0·7 0·9 1·0	9	13	Trace tremulous for 9h. 13m. with numerous maxima of which the three principal are given.
240	" 14th			unknown		10	19	—		2·2	unknown		Doubtful. Record just after changing spool shows vibrations different to those usually caused by the changing. Trace tremulous or thickened for over an hour afterwards, with max. as given.
241	" 17th	12	6	12	19	12	25	12	42	1·1	0	36	
242	" 19th			6	18	—	—	6	31	0·4	0	13	Distinct tremor max. indeterminate.
243	March 4th and 5th.	23	50			0	4	0	7		0	17	Minute tremors.
244	April 25th					10	30						Well defined tremor.
245	May 12th					4	1						Small tremor.
246	" "					16	46						" "
247	" 18th	14	16			—	—	16	8		1	52	Tremors.
248	" 20th					11	20						Small tremor.
249	" 21st					11	32						" "
250	" 23rd	7	14			7	43	8	3		0	49	Tremors.
251	" 31st					19	26						Slight tremulosity.
252	June 2nd	4	52			5 12	2 3	5	9	1	0	17	Well defined small earthquake. Slight tremulosity.
253	" 14th ..	13	01	13	07	13 13	20 30			1·1	0	43	Well defined small earthquake.
254	" 19th					1	43						Slight tremulosity.
255	" 30th	17	43								1	42	Tremors ending 21 h. 25 m.
256	July 9th	13	55	14	02	14	23	17	30	over 18	3	35	Great earthquake.
257	" 23rd	3	03	3	10	3	30	7	10	over 18	4	07	Great earthquake.
258	" 28th	2	26			3	03	3	10	0·8	0	44	Small distinct tremor.
259	August 4th	5	25			5	26½	5	33	0·6	0	08	Small tremor.
260	September 8th	1	48½	1	59½	2	1½	3	30	9	1	41½	Great Calabrian earthquake.
261	" 14th					2 20	5 55½						Slight tremor.
262	" 15th	6	21½	6	53½	7	10½	8	48½	9	2	27	Great earthquake.
263	" 26th	1	42	1	48½	2	50	2	09	4½	0	27	Small earthquake.
264	" 29th	12	17			12	59	13	10		0	53	Slight tremors.
265	October 8th	7	37½	7	39	7	43½	7	58½	1	0	21	Distinct tremor.
266	" 21st	11	8½	11	11	11	43½	11	42½	1		34	" "
267	" 22nd	9	0½	9	06	9 9	7½ 14	20	51½	0·75	11	51	" "
268	November 5th	Very slight and doubtful tremors from 16 h. 58 m. to 17 h. 58 m.											
	" 7th	Continuous slight and doubtful tremors from 17 h. 38 m. to 20 h. 30 m.											
	" 7th	20	35	20	42½	20	44	20	50	5	0	15	Very slight but distinct tremor.
		Slight irregular disturbances from 20 h. 50 m.											
269	" 7th and 8th	22	9	22	16½	22	17	22	59	0·8	0	50	Distinct tremors.
	" 8th	Continuous slight disturbances from 4 h. 0 m. to 8 h. 30 m.											
270	" 25th	17	23	17	25	17	27	18	00	0·8	0	37	" "
271	December 4th	7	08	7	11½	7	14	8	12	7	1	04	Very sharp rise after priliminary tremors.
	" 4th	9	44			9 9	45 49				0	10	Slight distinct tremors.
	" 4th	12	26	12	30	12	31				0	15	" " "
272	" 10th	13 18	37 34								0	55	Very slight tremors.
273	" 16th							end about 6	54	0·5			Lamp out 3 h. 20 m. to 6 h. 16 m. Tremors in progress when lamp relit.
274	" 17th	3 6	35 33								0 0	20 25	Thickening. Thickening.
275	" 26th	14	02							0.7	0	7	Seismic origin doubtful.

Magnetic Observations.

ABSOLUTE DECLINATION.

OBSERVED WITH KEW PATTERN MAGNETOMETER, BY ELLIOTT BROS.,

Date	Standard Egyptian Time.	Temperature °C.	Centre of Scale — Scale Apparently: Erect	Centre of Scale — Scale Apparently: Inverted	Meridian Reading of Circle	Correction for Torsion	Declination (Westerly) Corrected for Torsion	No of Instrument
1905	h. m.							
January 1st	3 08	18·9	255° 29′ 20″	254° 41′ 20″	258° 19′ 50″	0′ 00″	3° 14′ 30″	88
" 8th	2 28	19·0	255 23 00	254 42 20	258 15 30	0 00	3 12 50	88
" 17th	2 11	16·4	255 20 20	254 38 40	258 16 30	0 00	3 17 00	88
" 24th	2 36	13·8	255 24 40	254 41 40	258 17 10	0 00	3 14 00	88
" 31st	2 46	15·7	255 20 20	254 37 40	258 15 30	0 00	3 16 30	88
February 4th	2 50	20·4	255 19 02	254 32 15	258 14 35	0 00	3 18 56	88
" 7th	3 48	20·8	255 21 20	254 41 20	258 15 50	0 00	3 14 30	88
" 21st	2 03	19·8	255 23 20	254 39 20	258 15 20	0 00	3 14 00	88
" 28th	2 33	22·4	255 22 20	254 41 20	258 16 30	0 00	3 14 40	88
March.. 7th	2 25	14·9	255 21 00	254 42 40	258 16 30	0 00	3 14 40	88
" 14th	2 38	21·2	255 22 00	254 42 00	258 17 50	0 00	3 15 50	88
" 28th	3 04	25·0	255 22 20	254 46 40	258 16 30	0 00	3 12 00	88
April 4th	3 07	26·2	255 22 00	254 41 40	258 17 50	0 00	3 16 00	88
" 11th	3 45	28·7	255 27 00	254 45 40	258 18 50	0 00	3 12 30	88
" 18th	3 09	37·4	255 23 20	254 41 40	258 17 50	0 00	3 15 20	88
" 25th	3 04	26·0	255 24 00	254 42 40	258 15 10	0 00	3 11 50	88
No observations from May to September.								
October 17th	14 39	28·0	171 45 10	171 04 50	174 34 10	0 00	3 09 10	88
" 24th	14 30	26·0	171 49 30	171 07 40	174 37 21	0 00	3 08 46	88
" 31st	9 29	22·1	171 50 00	171 06 40	174 36 11	0 00	3 07 52	88
" "	15 45	24·9	171 47 00	171 04 20	174 36 11	0 00	3 10 31	88
November 1st	10 04	24·0	171 47 05	171 04 45	174 36 11	0 00	3 10 18	88
" "	11 16	24·2	171 45 05	171 02 45	174 36 21	0 00	3 12 26	88
" "	14 42	25·9	171 45 05	171 00 40	174 36 51	1 12	3 10 26	88
" "	15 41	26·0	171 46 45	171 04 50	174 36 51	0 28	3 11 32	88
" 2nd	9 28	23·8	171 51 35	171 10 05	174 36 31	2 43	3 08 24	88
" "	10 09	24·1	171 48 55	171 05 30	174 36 11	0 12	3 09 10	88
" "	11 08	24·5	171 48 10	171 07 30	174 36 21	0 12	3 08 43	88
" "	11 59	24·9	171 48 40	171 04 55	174 35 51	0 12	3 09 16	88
" "	13 06	25·1	171 44 50	171 01 15	174 35 51	0 23	3 13 11	88
" "	14 03	25·5	171 44 45	171 01 20	174 36 11	0 12	3 13 20	88
" "	15 05	26·0	171 45 00	171 02 45	174 36 31	0 12	3 12 46	88
" "	16 01	25·6	171 44 40	171 02 40	174 36 11	0 23	3 12 54	88
" 7th	14 44	25·8	171 44 45	171 02 40	174 36 01	0 00	3 12 18	88
" 8th	10 09	24·1	171 48 35	171 05 05	174 35 31	0 00	3 08 55	88
" "	11 40	24·8	232 50 25	231 44 40	235 28 21	0 00	3 11 02	96
" "	12 26	25·5	172 58 20	172 44 50	176 03 51	0 00	3 12 30	87
" "	12 55	26·0	172 59 10	172 44 25	176 03 51	0 00	3 12 18	87

Date	Standard Egyptian Time.	Temperature °C.	Centre of Scale — Scale Apparently: Erect	Centre of Scale — Scale Apparently: Inverted	Meridian Reading of Circle	Correction for Torsion	Declination (Westerly) Corrected for Torsion	No
1905	h. m.							
November 8th	13 29	26·1	232° 46′ 50″	231° 44′ 20″	235° 27′ 21″	0′ 00″	3° 12′ 00″	9
" "	13 51	26·2	171 43 45	171 02 30	174 35 51	0 00	3 12 58	8
" 9th	9 44	24·0	232 50 45	231 47 50	235 28 11	0 00	3 08 54	9
" "	14 15	26·8	232 47 55	231 44 20	235 28 11	0 00	3 12 04	9
" 11th	10 05	22·7	232 48 50	231 45 40	235 27 41	0 00	3 10 26	9
" "	15 01	25·6	232 47 10	231 44 30	235 28 51	0 00	3 13 01	9
" 12th	10 16	22·9	232 51 08	231 48 38	235 28 16	0 00	3 08 23	9
" "	11 47	24·4	172 59 12	172 44 55	176 03 56	0 00	3 11 52	8
" "	12 42	24·5	171 44 15	171 01 10	174 35 21	0 00	3 12 38	8
" "	13 40	24·9	171 48 50	171 06 20	174 37 11	0 00	3 09 36	8
" "	14 17	25·5	172 58 30	172 45 40	176 03 41	0 00	3 11 36	8
" "	14 42	25·1	232 45 12	231 45 50	235 27 06	0 00	3 11 35	9
" 13th	11 05	22·4	172 47 20	171 45 10	175 28 11	0 00	3 11 56	9
" "	11 05	22·4	189 59 30	189 45 05	193 01 21	0 00	3 09 04	8
" "	12 01	23·6	171 48 25	171 05 20	174 35 47	0 00	3 08 58	8
" "	12 02	23·6	189 55 50	189 41 20	193 00 31	0 00	3 11 54	8
" 14th	11 13	22·3	263 02 00	262 47 40	266 05 41	0 00	3 09 36	8
" "	11 13	22·7	253 11 15	252 08 50	255 50 11	0 00	3 09 58	9
" "	11 52	22·9	163 09 20	162 07 10	165 50 31	0 00	3 12 16	9
" "	11 52	23·0	171 46 15	171 01 50	174 36 51	0 00	3 12 48	8
" "	13 45	23·4	172 49 40	171 46 12	175 28 46	0 00	3 10 50	9
" 15th	11 19	23·2	142 08 45	141 25 00	144 56 41	0 00	3 09 48	8
" "	11 19	23·4	172 57 00	172 43 50	176 01 01	0 00	3 10 36	8
" "	12 07	23·7	172 52 35	171 49 20	175 26 21	0 00	3 05 24	9
" "	12 07	23·5	142 07 30	141 24 45	144 56 41	0 00	3 10 04	8
" 18th	11 03	25·2	22 14 20	22 00 50	25 16 57	0 00	3 09 22	8
" "	11 03	25·6	262 51 28	261 46 50	265 27 11	0 00	3 08 02	9
" "	11 52	25·8	22 12 45	21 58 20	25 16 57	0 00	3 11 24	8
" "	11 52	25·6	141 40 10	140 58 20	144 31 01	0 00	3 11 46	8
" 20th	14 41	24·6	262 49 15	261 44 50	265 28 41	0 00	3 11 38	9
" "	16 00	26·1	165 25 10	164 44 25	168 14 45	0 00	3 14 58	8
December 5th	14 18	20·2	171 44 50	171 03 00	174 34 44	0 00	3 10 46	8
" 6th	14 03	19·8	81 45 30	81 03 20	84 35 11	0 00	3 10 46	8
" 7th	14 03	21·5	171 46 55	171 05 20	174 35 11	0 00	3 09 04	8
" 12th	14 35	20·0	171 52 40	171 11 15	174 39 31	0 00	3 07 34	8
" 19th	14 23	17·1	81 53 30	81 14 20	84 38 41	0 00	3 04 46	8
" 26th	14 54	15·1	261 57 25	261 10 50	264 39 31	0 00	3 05 24	8
" 31st	14 02	14·2	81 49 40	81 05 10	84 39 11	0 00	3 11 46	8

Mean Declination 3° 17′ 7″. W

Latitude 29° 51′ 34″ North.

Magnetic Observations.

OBSERVATIONS OF INCLINATION.

TABLE II.

OBSERVED WITH DIP-CIRCLE, BY DOVER, No. 131.

DATE	Standard Egyptian Time	POLES DIRECT DIPPING A α	POLES REVERSED DIPPING B β	MEAN DIP $\frac{\alpha+\beta}{2}$
	H. M.			
1905				
January 1st ..	p. m. 3 50	40° 21′, 5	40° 56′, 0	40° 38′, 8
„ 8th ..	3 27	40 21 4	40 47 4	40 34 4
„ 17th ..	2 54	40 14 6	41 00 9	40 37 8
„ 24th ..	2 54	40 13 1	40 55 8	40 34 4
„ 31st ..	3 32	40 13 0	40 57 6	40 35 3
February 4th ..	3 05	40 24 0	40 54 0	40 39 0
„ 7th ..	3 22	40 20 5	40 48 5	40 34 5
„ 21st ..	3 46	40 15 4	40 52 1	40 33 8
March .. 7th ..	3 16	40 14 2	40 49 1	40 31 7
„ .. 14th ..	3 09	40 17 4	40 57 0	40 37 2
„ .. 28st ..	4 03	40 20 9	40 54 5	40 37 7
April .. 4th ..	4 08	40 16 5	40 58 1	40 37 3
„ .. 11th ..	4 36	40 14 6	41 02 0	40 38 3
„ .. 18th ..	3 32	40 16 5	40 55 4	40 36 0
„ .. 25th ..	3 07	40 17 8	40 51 1	40 34 4
May .. 2nd ..	3 27	40 15 0	41 01 0	40 38 0
„ .. 9th ..	3 16	40 17 1	40 51 1	40 34 1
„ .. 16th ..	3 22	40 13 1	40 48 1	40 30 6
„ .. 30th ..	3 37	40 06 5	40 49 8	40 28 2
June .. 20th ..	3 42	40 11 0	40 55 6	40 33 3
„ .. 27th ..	3 30	40 19 8	40 52 0	40 35 9
July .. 4th ..	3 51	40 09 8	40 57 5	40 33 6
„ .. 11th ..	2 35	40 09 6	40 53 4	40 31 5
„ .. 18th ..	3 41	40 18 4	40 55 0	40 36 7
„ .. 25th ..	3 31	40 18 0	40 50 8	40 34 4
August 1st ..	3 41	40 11 9	41 01 2	40 36 6
„ 8th ..	3 10	40 19 3	41 02 0	40 40 6

DATE	Standard Egyptian Time	POLES DIRECT DIPPING A α	POLES REVERSED DIPPING B β	MEAN DIP $\frac{\alpha+\beta}{2}$
	H. M.			
1905				
September 5th ..	p. m. 3 37	40° 16′, 2	40° 57′, 0	40° 36′, 6
„ 12th ..	3 55	40 17 8	41 00 1	40 39 0
„ 19th ..	3 36	40 22 4	41 06 6	40 44 5
„ 26th ..	2 39	40 13 2	40 59 2	40 36 2
October 3rd ..	3 19	40 19 9	40 56 0	40 38 0
„ 10th ..	2 36	40 21 2	41 01 0	40 41 1
„ 17th ..	2 05	40 13 9	40 55 9	40 34 9
„ 24th ..	3 32	40 24 5	40 48 5	40 36 5
„ 31st ..	a. m. 9 06	40 21 9	40 53 9	40 37 9
„ „ ..	p. m. 4 09	40 19 2	40 55 1	40 37 2
November 1st ..	a. m. 10 23	40 21 3	40 51 0	40 36 2
„ „ ..	p. m. 3 27	40 20 6	40 51 8	40 36 2
„ 2nd ..	a. m. 10 45	40 17 3	40 52 4	40 34 8
„ „ ..	p. m. 2 55	40 18 6	40 54 4	40 36 5
„ 4th ..	1 14	40 19 3	40 54 2	40 36 8
„ 5th ..	a. m. 10 59	40 22 9	40 46 1	40 34 5
„ 6th ..	a. m. 11 42	40 12 4	40 48 1	40 30 2
„ 7th ..	p. m. 3 28	40 20 0	40 50 9	40 35 4
„ 8th ..	1 15	40 18 8	40 54 9	40 36 8
„ 9th ..	2 28	40 18 4	40 55 2	40 36 8
„ 11th ..	a. m. 10 22	40 17 3	41 51 4	40 34 3
„ 14th ..	p. m. 2 13	40 25 4	40 52 9	40 39 2
„ 20th ..	4 15	40 30 2	40 55 8	40 43 0
December 5th ..	2 39	40 23 3	40 50 7	40 37 0
„ 12th ..	3 25	40 18 4	40 56 5	40 37 4
„ 19th ..	2 09	40 21 5	40 45 8	40 33 6
„ 26th ..	3 16	40 33 0	40 55 8	40 44 4

Mean Dip 40° 36′ 3″ Mean date July 20th.

TABLE III.

Magnetic Observations.

VIBRATION OBSERVATIONS FOR THE VALUE OF HORIZONTAL FORCE

MADE WITH KEW PATTERN MAGNETOMETER, BY ELLIOTT BROS., No. 88.

DATE	Standard Egyptian Time		°C TEMP.	TIME of one vibration seconds.	LOG. mX	X_{30}	X_{40}	X	Magnetometer No.
	H.	M.							
1905									
January 1st ..	15	01	18·8	3·45930	2·39079	0·30169	0·30125	0·30147	88
" .. 8th ..	13	26	18·8	3·45875	2·39092	0·30172	0·30177	0·30174	"
" .. 17th ..	14	09	16·4	3·45650	2·39108	0·30174	0·30161	0·30168	"
" .. 24th ..	14	30	14·2	3·45681	2·39059	0·30108	0·30134	0·30121	"
" .. 31st ..	14	45	15·7	3·46014	2·39001	0·30109	0·30144	0·30126	"
February .. 7th ..	15	51	20·8	3·46640	2·38936	0·30009	0·30008	0·30008	"
" .. 21th ..	14	01	20·0	3·46250	2·39018	0·30254	0·30250	0·30252	"
" .. 28th ..	14	33	22·6	3·46540	2·38994	0·30155	0·30133	0·30144	"
March .. 7th ..	14	03	14·8	3·46290	2·38915	0·30064	0·30076	0·30070	"
" .. 14th ..	14	34	21·1	3·46360	2·39010	0·30169	0·30155	0·30162	"
" .. 28th ..	14	58	25·0	3·46760	2·38982	0·30140	0·30143	0·30142	"
April .. 4th ..	15	27	26·0	3·47320	2·38860	0.30083	0·30067	0·30075	"
" .. 11th ..	15	41	29·2	3·47264	2·38934	0·30131	0·30151	0·30141	"
" .. 18th ..	15	30	38·2	3·47710	2·38998	0·30170	0·30184	0·30177	"
" .. 25th ..	15	20	26·2	3·46375	2·39099	0·30220	0·30190	0·30205	"
May .. 2nd ..	16	19	23·4	3·46472	2·39026	0·30168	0·30154	0·30161	"
" .. 9th ..	15	10	24·2	3·46440	2·39045	0·30198	0·30163	0·30180	"
" .. 16th ..	15	26	29·8	3·47530	2·38882	—	—	0·30126	"
June .. 6th ..	14	12	29·1	3·46860	2·39036	0·30297	0.30281	0·30289	"
" .. 20th ..	14	38	31·2	3·47220	2·38992	0·30210	0·30187	0·30198	"
" .. 27th ..	14	36	32·8	3·46880	2·39101	0·30238	0·30233	0·30236	"
July .. 4th ..	14	51	31·5	3·47220	2·38992	0·30229	0·30243	0·30236	"
" .. 11th ..	14	04	31·5	3·47420	2·38942	0·30197	0·30195	0·30196	"
" .. 18th ..	14	27	34·3	3·47490	2·38977	0·30236	0·30216	0·30226	"
August .. 1st ..	15	05	31·0	3·48110	2·38759	0·30200	0·30177	0·30188	"
September 5th ..	14	57	31·6	3·48620	2·38598	0·30195	0·30176	0·30186	"
" 12th ..	14	38	29·7	3·48167	2·38673	0·30202	0·30193	0·30196	"
" 19th ..	14	40	30·6	3·49167	2·38442	0·30043	0·30301	0·30172	"
" 26th ..	14	40	29·0	3·48584	2·38557	0·30118	0·30154	0·30136	"
October .. 3rd ..	14	27	30·6	3·48498	2·38613	0·30176	0·30211	0·30194	"
" .. 10th ..	15	59	29·9	3·49776	2·38308	0·30173	0·30186	0·30180	"
" .. 17th ..	14	38	27·6	3·50296	2·38108	0·30136	0·30115	0·30126	"
" .. 24th ..	14	38	26·2	3·49958	2·38161	0·30148	0·30169	0·30158	"
" .. 31st ..	9	28	22·1	3·51800	2·37636	0·30147	0·30168	0·30158	"
November 9th ..	16	35	26·2	3·42875	2·44086	0·30047	0·30091	0·30069	96
" 11th ..	15	13	26·0	3·41945	2·44295	0·30123	0·30109	0·30116	"
" 14th ..	14	11	23·8	3·42292	2·44154	0·30086	0·30047	0·30066	"
" 30th ..	11	55	21·0	3·41970	2·44193	0·30050	0·30070	0·30060	"
December 1st ..	12	37	21·4	3·42100	2·44163	0·30118	0·30066	0·30092	96
" 5th ..	14	25	20·4	3·52667	2·37524	o·30168	0·30173	0·30170	88
" 6th ..	14	51	20·3	3·52806	2·37388	0·30141	0·30136	0·30138	"
" 7th ..	14	28	21·6	3·53056	2·37296	0·30094	0·30102	0·30098	"
" 12th ..	14	58	20·2	3·52832	2·37345	0·30120	0·30127	0·30124	"
" 19th ..	14	46	16·8	3·52092	2·37444	0·30129	0·30138	0·30134	"
" 26th ..	15	18	14·8	3·53110	2·37163	0·30077	0·30080	0·30078	"
" 31st ..	14	22	14·2	3·52417	2·37341	0·30115	0·30118	0·30116	"

Mean P for Magnetometer 88 = 5·66
" " " " 96 = 8·83

TABLE IV.

Magnetic Observations.

DEFLECTION OBSERVATIONS FOR THE VALUE OF THE HORIZONTAL FORCE

MADE WITH KEW PATTERN MAGNETOMETER, BY ELLIOTT BROS.

DATE	Standard Egyptian Time		TEMP. °CENT.	OBSERVED DEFLECTION u_0	OBSERVED DEFLECTION u'_0	30 c.m. LOG. $\frac{m'}{X'}$	40 c.m. LOG. $\frac{m'}{X'}$	30 c.m. LOG. m	40 c.m. LOG. m	Magnetometer No
	h.	m.								
1905										
January 1st	15	34	17·7°	11° 32′ 00″	4° 50′ 30″	3·43447	3·43452	2·91128	2·91191	88
" 8th	15	16	18·9	11 31 35	4 49 25	3·43444	3·43312	2·91131	2·91125	88
" 17th	15	03	16·2	11 32 35	4 50 10	3·43453	3·43372	2·91144	2·91163	88
" 24th	15	12	13·1	11 34 15	4 50 45	3·43598	3·43402	2·91191	2·91153	88
" 31st	15	26	15·8	11 34 00	4 49 50	3·43534	3·43315	2·91131	2·91081	88
February 7th	16	34	19·8	11 36 25	4 51 30	3·43760	3·43641	2·91211	2·91212	88
" 21st	14	54	20·4	11 30 10	4 49 00	3·43885	3·43278	2·91190	2·91196	88
" 28th	14	59	22·9	11 29 35	4 49 05	3·43397	3·43340	2·91058	2·91090	88
March 7th	15	08	14·7	11 35 05	4 50 42	3·43580	3·43425	2·91111	2·91093	88
" 14th	15	22	21·7	11 29 35	4 48 55	3·43373	3·43291	2·91054	2·91074	88
" 28th	16	07	24·6	11 29 35	4 48 35	3·43429	3·43298	2·91068	2·91063	88
April 4th	16	13	25·8	11 29 50	4 49 05	3·43469	3·43396	2·91028	2·91051	88
" 11th	16	43	27·4	11 28 20	4 47 45	3·43406	3·43327	2·91033	2·91004	88
" 18th	15	59	35·3	11 25 00	4 46 30	3·42357	3·43197	2·91040	2·91020	88
" 25th	16	01	25·1	11 27 35	4 48 25	3·43314	3·43282	2·91069	2·91113	88
May 2nd	17	04	23·4	11 29 20	4 48 50	3·43390	3·43310	2·91071	2·91091	88
" 9th	16	15	24·2	11 28 00	4 48 41	3·43323	3·43302	2·91047	2·91097	88
June 6th	15	08	28·9	11 21 50	4 45 45	3·43031	3·43296	2·90896	2·90919	88
" 20th	16	22	31·2	11 23 20	4 46 32	3·43169	3·43114	2·90910	2·90943	88
" 27th	15	35	32·8	11 24 20	4 46 35	3·43264	3·43159	2·91045	2·91053	88
July 4th	15	45	31·5	11 23 25	4 45 50	3·43181	3·43020	2·90950	2·90929	88
" 11th	14	39	32·8	11 23 40	4 46 15	3·43222	3·43109	2·90945	2·90948	88
" 18th	16	34	34·3	11 21 58	4 45 52	3·43146	3·43083	2·90925	2·90953	88
August 1st	16	00	32·6	11 20 40	4 45 25	3·43031	3·42978	2·90758	2·90791	88
September 5th	15	41	31·6	11 8 40	4 44 30	3·42885	3·42819	2·90604	2·90632	88
" 12th	16	10	29·8	11 20 10	4 44 55	3·42941	3·42846	2·90670	2·90683	88
" 19th	15	53	30·8	11 23 25	4 41 15	3·43167	3·42305	2·90668	2·90296	88
" 26th	14	18	29·0	11 22 20	4 45 00	3·43065	3·42844	2·90674	2·90623	88
October 3rd	15	21	30·6	11 20 08	4 44 05	3·42956	3·42736	2·90647	2·90597	88
" 10th	15	36	29·6	11 15 55	4 42 45	3·42671	3·42512	2·90358	2·90339	88
" 17th	15	38	28·0	11 14 45	4 42 55	3·42564	3·42505	2·90199	2·90230	88
" 24th	15	35	26·4	11 15 45	4 42 28	3·42584	3·42403	2·90235	2·90205	88
" 31st	10	07	23·4	11 08 02	4 39 05	3·42061	3·41880	2·89712	2·89681	88
November 9th	11	18	24·9	13 06 25	5 27 08	3·49115	3·48799	2·96467	2·96403	96
" 11th	10	52	24·1	13 04 02	5 27 25	3·48969	3·48819	2·96430	2·96450	96
" 14th	14	58	24.3	13 02 54	5 37 30	3·48910	3·48834	2·96318	2·96374	96
" 30th	14	54	21·4	13 06 38	5 27 45	3·49051	3·48804	2·96408	2·96379	96
December 1st	11	40	20·9	13 02 42	5 27 42	3·48826	3·48787	2·96281	2·96355	96
" 5th	15	17	21·2	10 51 20	4 41 25	3·41891	3·41753	2·89570	2·89562	88
" 6th	15	32	20·9	11 05 28	4 38 45	3·41831	3·41725	2·89472	2·89480	88
" 7th	15	15	22·2	11 05 50	4 38 40	3·41874	3·41730	2·89448	2·89436	88
" 12th	15	48	20·5	11 20 50	4 38 42	3·41848	3·41709	2·89459	2·89450	88
" 19th	15	33	17·2	11 07 52	4 39 30	3·41922	3·41775	2·89546	2·89532	88
" 26th	15	54	15·6	11 06 25	4 41 30	3·41790	3·41660	2·89340	2·89335	88
" 31st	14	04	14·4	11 07 50	4 39 35	3·41860	3·41729	2·89463	2·89458	88

Magnetic Observations.

MONTHLY MEANS OF MAGNETIC ELEMENTS (Helwan)

Date	Inclination	Horizontal Force	Declination
1905			
January	40° 36′ 1	0·30147	3° 15′ 0
February	40 35 8	0·30135	3 15 5
March	40 35 5	0·30125	3 14 2
April	40 36 5	0·30149	3 13 9
May	40 32 7	0·30156	—
June	40 34 6	0·30241	—
July	40 34 0	0·30219	—
August	40 38 6	0·30188	—
September	40 38 9	0·30172	—
October...	40 37 6	0·30177	3 9 5
November	40 36 3	0·30082	3 12 0
December	40 38 1	0·30119	3 8 6
Annual Mean	40 36 2	0·30159	3 12 7

FINANCE MINISTRY.

SURVEY DEPARTMENT, EGYPT.

METEOROLOGICAL REPORT

FOR THE YEAR 1905.

PART II.

CLIMATOLOGICAL STATIONS, RAINFALL, AND RIVER GAUGE OBSERVATIONS.

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THE WEATHER OF 1905.

January presented on the whole a month of finer weather than usual. Of five depressions noted in the Eastern Mediterranean only one was of sufficient extent materially to influence the weather. Consequently, pressure was above the normal, and temperature and rainfall were below it, in North and Middle Egypt. In the Sudan on the other hand the month was warmer than usual.

February was divided into two well-marked periods, the first extending up to the 18th. During the first, four depressions were noted but again only one influenced Egyptian weather materially. During the last ten days of the month anticyclonic conditions prevailed. On the whole pressure was above normal and temperature below it, while rainfall also was less than usual.

March formed a complete contrast to the previous month. A considerable number of depressions passed eastwards to the north of the country, although in general too far distant to produce marked effects on the weather. A destructive thunder squall, during which damage was done to the Second Pyramid by lightning, closed the month. The normal western anticyclone lay rather more to the south and east than is usual. Consequently, pressure fell below normal in the north but exceeded it in Southern Egypt and the Sudan. A fall of pressure is generally in our districts accompanied by a rise of temperature, but during this month temperature also was well below normal. Owing to the number of depressions, wind-direction was more southerly in Lower Egypt than is usual in March, and rain was considerably in excess.

April. During this month several depressions traversed our districts, but only one near enough to exert much influence on the weather. Pressure, in consequence, was above average everywhere, while temperature and rainfall were both below the normal. Although Upper Egypt and the Sudan fall outside the region of influence of the Mediterranean storms, pressure there was above and temperature below normal, probably in consequence of a south-eastward extension of the western high pressure area. Winds were more easterly than usual and in the Sudan the commencement of the south-westerly winds appeared to be delayed.

May. During the whole of the month Northern Egypt and the Levant enjoyed anticyclonic weather which none of the low pressure systems that formed to the west quite succeeded in breaking down. In the Sudan, however, on the advance of the rain-belt, pressure conditions frequently became very complex. The valley of low pressure leading up from the Equatorial minimum advanced northwards and broke up into several minor depressions. These facts were reflected in the high pressure and low range experienced in Egypt and in the transfer of the centre of greatest barometric disturbance from the north coasts to Wadi Halfa. Pressure was above normal, especially in the Sudan and temperature was below the normal except in Middle Egypt where two secondaries led to abnormally high readings during the last week and consequent high monthly means. The absolute maximum at Alexandria exceeded that of any May since 1891. The excess of pressure was accompanied by a defect of rain on the north coast as well as in the Sudan.

June was as usual in Egypt a month of fairly settled weather, broken only by the advance of three weak depressions. The usual V-shaped valley of low pressure swung round towards the east about the 20th of the month, when Kharif conditions of rainfall appeared to set in regularly. Pressure was high for the month at nearly all stations and temperature lower than usual. The rainfall in the Sudan exceeded the average of four years (of probably poor rainfall) and most of the rain was registered during the last decade of the month.

July was normally a month of settled weather. In Egypt and the Sudan pressure was high and the average range low. Temperature on the Delta was low, but elsewhere high for the season. The south-westerly winds in the Sudan set in steadily, but rainfall was irregular and showed great local differences. Owing probably to weak June rainfall in Abyssinia the Nile fell away somewhat rapidly from its mean height at Wadi Halfa, and in the last six days averaged 1.68 metres less than usual.

August much resembled the previous month. Pressure was above normal, and the range was low and remarkably uniform over the two countries. Temperature was above normal except to the south of Khartoum. Rainfall in the Sudan was in excess along the Blue Nile and probably improved in Abyssinia, but along the White Nile a defect was registered. The relative lowering of the Nile flood continued till the second pentade of the month, after which there was an improvement. The month closed, however, with the level at Wadi Halfa still 0·86 metre below the average.

September. Conditions were almost normal in Egypt. Pressure there was low and temperature high. In the Sudan, pressure variations were irregular, but temperature was almost everywhere high. Rainfall was above the average in the Sudan, but the rain-belt did not advance so far north as usual and Khartoum suffered from a defect. The progressive relative improvement of the flood was maintained on the whole, but the Nile never attained to within thirty centimetres of its average level at Wadi Halfa.

EXPLANATION OF THE TABLES.

The Climatological Tables (pp 2-29) give the monthly mean results of the observations at stations of the second order, including for the sake of comparison those at Helwan, the first order station of the meteorological organization of Egypt and the Sudan.

These stations are:—

Station.	Latitude.	Longitude.	Altitude.	Observer.
Alexandria...	31° 11′ 39″ N	29° 53′ 30″ E	32·0 m *	Officer of Ports and Lighthouses Administr.
Port Said	31 15 45	32 18 45	3·5 *	Port Officer.
Mehalla el Kubra (1)	30 58 0	31 11 0	8·0 *	Clerk of Messrs. Carver Bros.
Suez (2)	29 56 0	32 33 0	3·2 *	Official, Suez Canal Co.
Tor (3)	28 13 30	33 37 0	1·7 *	Official, Quarantine Board.
Abbassia	30 4 36	31 17 15	29·9 *	Observer from Helwan Observatory.
Giza	30 1 57	31 12 53	27·3 *	Survey Department Staff.
Helwan	29 51 34	31 20 32	115·6 *	Observatory Staff.
Assiut...	27 11 0	31 12 36	55·6 *	Assiut Barrage Staff.
Dakhla Oasis (4)	25 29 0	28 59 30	130 **	Medical Officer, Department of Public Health
Aswan	24 2 25	32 52 40	99·6 *	Aswan Reservoir Staff.
Wadi Halfa	21 54 49	31 19 3	128·3 *	Medical Officer, Egyptian Army.
Merowe (5)...	18 29 24	31 49 33	255·1 *	" "
Berber	18 1 0	34 4 0	350·0 *	" "
Kassala	15 28 0	36 24 0	509 *	" "
Khartoum	15 36 33	32 33 0	382·9 *	Sergeant, Military Hospital.
Suakin	19 7 0	37 20 0	4·5 *	Medical Officer, Egyptian Army.
Port Sudan (6)	19 37 0	37 13 0	5·9 *	Civil Medical Officer.
Gallabat (7)	12 47 30	36 9 30	710 **	The Mamur.
Roseires	11 51 22	34 23 10	466·9 *	Medical Officer, Egyptian Army.
Wad Medani	14 24 0	33 31 0	407·6 *	" "
Dueim	13 59 31	32 20 0	383·3 *	Officer, Egyptian Army.
El Obeid	13 11 0	30 14 0	585·0 *	Medical Officer, Egyptian Army.
Doleib Hilla	9 18 30	31 37 30	391·0 †	American Mission.
Kodok...	9 53 0	32 8 0	389·0 *	Medical Officer, Egyptian Army.
Wau	7 42 0	28 3 0	—	" "
Mongalla	5 11 0	31 46 42	445·0 †	" "

* Altitude from spirit levelling.
† " " " " with extrapolation for short distances by the slope of the river.
** Hypsometrical altitudes.
(1) Instituted July 16.
(2) The table is compiled from data kindly communicated daily by telegraph by permission of the Governor of the Suez Canal Company.
(3) Instituted September 29.
(4) " January 29.
(5) " March 31.
(6) " July 15.
(7) " October 17.

The daily readings have already been published in the monthly bulletins.

The observations are taken at 8h, 14h, and 20h; at 8h and 20h; or at 8h, Egyptian and Sudan time, which is two hours fast of Greenwich mean time.

All observations have been corrected for instrumental errors and the barometric readings have been also corrected to 0° C, but no other reductions have been made. The reduction to mean sea-level and the correction to mean gravity are, however, stated at the head of the table for each station. For corrections and reductions, the International Meteorological Tables have been employed.

In computing humidities Jelinek's Psychrometertafeln (Leipsig 1903) were used, but no correction has hitherto been made for wind-velocity. The effect of this is now under consideration and will be published in next year's report.

October. Conditions began to change to the winter type. Several depressions appeared over the Mediterranean and pressure was low for the month in Egypt although high in the Sudan. Temperature was low on the coast and in the Sudan, but high in Upper and Middle Egypt. The cyclonic rains of the coast were in excess, while the last rains of the Kharif were heavier than usual, to the south of Wad Medani. The flood began again to fall away from its average level and was 1·4 metres below normal at the close of the month.

November. The form of pressure distribution for the month was normal, but the western anticyclone appeared to be of greater intensity than usual, with the apparent result that all depressions but one passed far north. In consequence, pressure was above the average in Egypt and the Sudan. Temperature was also above normal. As a further consequence of the paucity of depressions, rain on the Delta was in defect and wind direction was less southerly than usual in Upper Egypt. The Nile was below its average level but improved slightly relatively to last month.

December. The first half of the month was of an unsettled character, the second on the whole settled, but a week of low pressures to the east of Syria led to considerable rainfall on the coast. Pressure was high and temperature low. During the existence of a high pressure at the end of the month, readings below zero with hoar-frost were recorded in Middle Egypt. Wind was southerly in tendency and rain on the coast and in the Levant in excess. The winter rains of the Sudan littoral were much below average. The relative improvement of the river level at Wadi Halfa was maintained, but the reading was 0.59 metre below the mean at the close of the year.

The Year.

Pressure was above normal in Egypt and in the Sudan by amounts of from 0.6 mm. to 0.8 mm.

Temperature was below normal by from 0.°8 C on the coast to 0.°4 C in the Sudan everywhere except in Middle Egypt, where it exceeded the mean by 0.°5 C. This fact was due chiefly to the high temperatures of the spring and summer months. The summer was hot in Upper Egypt also, but not to the same extent, and the heat was on the whole more than counterbalanced by a cold winter. In the Sudan the heat was also experienced but still less than in the last district and for a shorter period.

Rainfall was in excess over the Delta, owing chiefly to heavy precipitation in December. As the heavy fall of that month did not extend far inland, the rainfall of Cairo and district was below normal for the year.

The summer and winter rains of the Sudan plains were above average.

The Nile flood was much below its normal height, and, although improving relatively towards the end, never recovered to its mean level at any time.

Differences from the normal by districts.

Barometer.

1905.	January.	February	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.	Year.
Delta	+ 1·3	+ 1·2	− 0·6	+ 1·0	+ 0·2	+ 0·8	+ 0·8	+ 0·3	− 0·8	0·0	+ 1·4	+ 1·1	+ 0·6
Middle Egypt	+ 1·2	+ 1·0	0·0	+ 1·4	+ 0·4	+ 1·2	+ 0·8	+ 0·2	− 0·6	+ 0·5	+ 1·1	+ 1·8	+ 0·7
Upper Egypt	0·0	+ 0·5	+ 0·8	+ 1·8	+ 0·4	+ 0·6	+ 0·6	+ 0·8	+ 0·2	+ 0·6	+ 0·6	+ 1·2	+ 0·7
Sudan	+ 0·5	+ 0·3	+ 0·8	+ 1·7	+ 0·7	+ 0·5	+ 0·8	+ 0·9	+ 0·1	+ 0·9	+ 0·6	+ 1·4	+ 0·8
						Temperature—(Max. + min.) /2.							
Delta	− 1·1	− 3·3	− 1·8	− 1·0	− 0·5	0·0	− 0·6	− 0·6	− 0·8	− 0·8	+ 1·6	− 0·6	− 0·8
Middle Egypt	− 0·3	− 2·2	− 0·8	+ 0·4	+ 0·4	+ 1·2	+ 1·1	+ 1·0	+ 1·5	+ 1·2	+ 2·4	− 0·2	+ 0·5
Upper Egypt	− 1·2	− 3·4	− 2·6	− 1·8	0·0	+ 1·0	+ 0·6	+ 0·3	+ 1·3	+ 0·1	+ 2·4	− 1·2	− 0·4
Sudan	− 0·5	− 0·7	− 1·3	− 1·4	− 1·4	+ 0·5	+ 1·0	+ 0·1	− 0·9	− 1·0	+ 0·4	− 1·0	− 0·4
						Rainfall.							Total.
Delta	− 13·4	− 2·6	+ 10·6	− 4·5	− 0·1	0·0	0·0	− 0·1	− 2.0	+ 13·7	− 15·8	+ 44·6	+ 30·6
Middle Egypt	− 0·8	− 3·1	+ 5·3	− 3·6	0·0	0·0	0·0	0·0	0.0	0·0	0·0	− 1·8	− 4·0
Sudan	− 2·0	− 2·2	0·0	0·0	− 3·5	+ 5·3	+ 2·3	+ 59·6	+ 16·1	+ 15·4	+ 7·0	− 6·6	+ 91·4

The sign + implies that the mean for the month and district is above the normal.

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Berber	18 1 0	34 4 0	350·0 *	" "
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In computing humidities Jelinek's Psychrometertafeln (Leipsig 1903) were used, but no correction has hitherto been made for wind-velocity. The effect of this is now under consideration and will be published in next year's report.

The daily means are derived from the observations as follows :—

At stations observing.	Temperature.	Relative humidity.	Pressure, Vapour Tension, Cloudiness and Wind force.
Thrice daily	$(8^h + 14^h + 20^h + \text{min})/4$	$(8^h + 20^h)/2$	$(8^h + 14^h + 20^h)/3$
Twice daily	$(8^h + 20^h)/2$	,,	$(8^h + 20^h)/2$
Once daily	(max. + min). /2	8^h	8^h

In 1902 Mr. B. H. Wade (1) discussed the relation between the means so derived and the true mean of the day, and the subject has been again discussed by Mr. B. F. E. Keeling (2) as regards the means derived from tridiurnal observations. Both of these discussions depend on comparison between the results of the eye-observations and those of the recording instruments at Abbassia Observatory.

As the later results are based on better known values of the hourly observations, they have been utilized in the compilation of the following tables.

True daily mean minus computed daily mean.

TEMPERATURE.

	$(8^h + 14^h + 20^h + \text{min})/4$.	$(8^h + 20^h)/2$.	(max. + min.) /2.
December	+ 0°·9	+ 1°·6	− 0°·4
January	+ 1·1		− 0·2
February	+ 1·0		− 0·2
March	+ 1·0	+ 1·2	0·0
April	+ 1·0		0·0
May	+ 0·8		+ 0·1
June	+ 0·8	+ 0·9	+ 0·2
July	+ 0·5		− 0·2
August	+ 0·6		− 0·3
September	+ 0·5	+ 1·1	− 0·2
October	+ 0·8		− 0·4
November	+ 0·9		− 0·3
Year	+ 0·8	+ 1·2	− 0·15

	PRESSURE.			RELATIVE HUMIDITY.
	$(8^h + 14^h + 20^h)/3$.	$(8^h + 20^h)/2$.	8^h.	$(8^h + 20^h)/2$.
	mm.	mm.	mm.	%
January	+ 0·04	− 0·38	− 0·58	− 7
February	+ 0·06	− 0·32	− 0·67	− 7
March	+ 0·03	− 0·33	− 0·67	− 8
April	− 0·01	− 0·34	− 0·73	− 6
May	+ 0·02	− 0·34	− 0·72	− 1
June	+ 0·04	− 0·22	− 0·55	− 2
July	+ 0·11	− 0·16	− 0·68	− 3
August	+ 0·07	− 0·25	− 0·59	− 4
September	+ 0·02	− 0·39	− 0·57	− 5
October	+ 0·02	− 0·46	− 0·64	− 7
November	+ 0·02	− 0·42	− 0·61	− 6
December	+ 0·02	− 0·40	− 0·59	− 5
Year	+ 0·04	− 0·34	− 0·63	− 5

(1) Report on the Meteorological Observations, 1900 (Cairo 1902).
(2) The Climate of Abbassia (Cairo, 1907).

	Vapour Tension.		Cloudiness.		
	$(8^h+14^h+20^h)/3$	$(8^h+20^h)/2$.	$(8^h+14^h+20^h)/3$.	$(8^h+20^h)/2$.	8^h.
January	+ 0·1 mm.	0·0	− 0·4	+ 0·1	− 0·4
February	0·0		− 0·2	+ 0·3	+ 0·1
March	0·0		− 0·2	+ 0·3	− 0·2
April	+ 0·1		− 0·3	0·0	− 0·6
May	+ 0·2	− 0·7	− 0·1	0·0	− 0·2
June	+ 0·2		0·0	− 0·1	− 0·9
July	+ 0·5		+ 0·2	0·0	− 1·3
August	+ 0·3		+ 0·1	− 0·3	− 2·2
September	+ 0·1		0·0	− 0·3	− 2·0
October	0·0	0·0	− 0·1	+ 0·1	− 1·0
November	+ 0·1		+ 0·1	+ 0·2	− 0·6
December	+ 0·2		− 0·4	0·0	− 0·9
Year	+ 0.15	—	− 0·1	0.0	− 0·8

The above tables give the corrections for one station only. A discussion of such material as is available for several stations in Egypt and the Sudan is in progress and, it is hoped, will shortly be published.

Additional Tables (pp. 30-38).— At some of the stations additional instruments, besides those required for the observations of the second order, are in use. These are chiefly, at Alexandria, a Dines self-recording pressure anemometer and a Campbell-Stokes Sunshine Recorder ; at Port Said and Khartoum Sunshine Recorders of the same pattern.

Rainfall Tables (pp. 39-45).— These give data of rainfall and wind-direction for a number of stations in Lower Egypt (Beheira Province) where the effect of rainfall on the control of irrigation is considerable, and in the Sudan.

River Gauge Tables (pp. 46-56).— The daily readings and monthly means for the principal river gauges in Egypt and the Sudan are here collected.

J. I. Craig,
Director Computation Office.

ADDENDUM.

Mean daily evaporation in Egypt and the Sudan.

(in mm.)

STATIONS.	January	Febr.	March	April	May	June	July	August	Sept.	October	Nov.	Dec.	Mean.	Instrument used.
1905.														
Alexandria... ...	5·64	6·25	7·71	7·22	6·18	5·75	4·76	5·39	5·09	4·78	4·03	4·41	5·60	"Direct" type. May 19 onwards, Piché.
Port Said	2·00	2·47	2·66	3·05	2·96	3·26	3·14	2·74	2·73	2 98	2·31	2·15	2·70	Wild.
Giza	2·50	1·74	2·59	3·33	4·31	3·51	2·24	1·61	2·22	2·24	2·00	1·44	2·48	„
Helwan..	3·30	4·31	5·58	9·08	14·02	12·76	10·25	10·12	9·32	10·00	7·00	3·72	8·29	„
Assiut...	1·99	2·54	5·16	5·98	9·76	12·12	11·19	9·42	6·04	4·90	2·60	1·85	5·13	„
Dakhla...	—	5·80	8·69	12·03	13·33	14·58	14·26	11·94	11·05	8·50	5·44	4·00	9·96	Piché.
Aswan...	5·13	7·20	6·33	10·90	12·63	17·09	13·98	13·74	11·35	10·00	7·59	4·64	10·05	Wild.
Wadi Halfa.. ...	[9·12]	[10·34]	10·80	17·53	21·72	[23 94]	[17·00]	18·46	16·80	15·89	12·31	8·48	15·20	Piché.
Merowe.	—	—	—	24·21	25·82	32·44	20·60	20·15	18·80	17·92	16·73	13·07	[21·08]	»
Berber...	—	17·80	20·44	22·06	21·32	21 43	[19·7]	[22·0]	17·85	20·18	17·92	16·89	19·78	»
Suakin...	—	—	—	—	—	—	[12·78]	11·82	7·54	5·02	5·42	5·69	[8·04]	»
Khartoum	—	—	—	—	16·95	16·72	15·52	[14·43]	—	—	10·62	9·32	[13·92]	»
Wad Medani ...	—	—	—	—	[18·37]	13·23	10·82	7·00	8·63	12·02	13·36	16·51	[12·50]	»
Dueim...	—	—	—	—	[18·43]	13·93	10·26	8·35	8·77	11·36	14·43	12·78	[12·29]	»
Roseires	—	—	—	—	—	—	—	—	—	—	8·83	12·05	[10·44]	»

Gondokoro Nile Gauge.

A note on the gauges which have existed here is found in "The Physiography of the River Nile and its Basin" p. III. Since the gauge D was set up in April 1903, it has been inspected three times, once by Mr. Craig, of the Egyptian Survey Department, in September 1903, and twice by Mr. Tottenham, of the Sudan Irrigation Department in March 1905 and in March 1906. The results of these inspections are shewn in the following table:

	Slope.	Top below bench-mark.
April 8, 1903, Gauge erected...	60°	unknown
September 10, 1903, Mr. Craig's inspection...	Slope had decreased	3m. 618
March 3, 1905, Mr. Tottenham's inspection.	52°20′	unknown
March 13, 1906, Mr. Tottenham's inspection.	62°20′	3m. 91

It thus appears that a change in the gauge of anything less than 20 centimetres is not evidence of a corresponding change in the river level; and the same uncertainty attaches to the maximum and minimum readings.

For this reason, the readings of Gondokoro gauge in 1905 are not published, the river levels being given sufficiently well by Mongalla.

There has also been confusion as to the conversion from the readings of the sloping gauge to the vertical, but there is no need to give details of this, since the safest plan is to reject readings taken on the sloping gauge D.

A masonry gauge was set up by Mr. Tottenham in March 1906.

Corrigendum.—Page 27: For Waw read Wau.

CLIMATOLOGICAL STATIONS.

Summary of Meteorological Observa

Latitude 31° 11′ 39″ N. Longitude 29° 53′ 30″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	762.41	768·3	754·0	10·6	15·3	12·2	11·6	17·9	8·2	20·0	4, 21	6·0	several dates	76	61	71
February	62·82	68·9	50·7	11·0	15·1	12·6	11·7	17·4	8·0	22·0	28	3·0	19	73	64	72
March	58·74	63·6	51·2	13·9	18·0	15·0	14·1	21·2	9·7	34·0	27	7·0	several dates	72	60	70
April	59·41	64·4	49·4	17·0	20·5	17·6	17·0	23·9	12·7	38·0	22	10·0	1, 3, 30	75	66	75
May	58·80	62·7	54·4	20·7	22·9	19·9	20·0	26·6	16·4	39·0	26	12·0	3	72	66	76
June	58·07	61·8	52·3	23·2	25·2	22·9	22·5	27·3	18·6	37·5	21	17·0	18	74	69	77
July	55·73	58·2	53·4	25·3	28·0	25·1	24·7	30·2	20·6	36·5	18	18·3	2	75	66	77
August...	55·70	58·2	52·2	26·0	28·5	25·6	25·2	31·3	20·8	33·0	3, 8	20·0	several dates	72	64	75
September	57·44	60·6	53·1	25·1	27·3	24·9	24·3	29·9	20·0	32·5	several dates	17·5	28	72	65	73
October	59·93	64·6	55·9	23·4	25·7	23·6	22·7	28·3	18·3	34·0	3	14·3	20, 30	74	69	75
November	62·12	68·1	53·4	20·2	23·1	20·5	20·3	24·9	17·6	28·5	16	14·0	28	75	64	75
December	62·28	69·3	53·0	13·7	17·4	15·1	14·5	19·2	11·9	25·0	1	7·0	22	71	58	67
Mean	759·47	763·9	752·8	19·2	22·3	19·6	19·1	24·8	15·2	—	—	—	—	74	64	74

Summary of Meteorological Observa

Latitude 31° 15′ 45″ N. Longitude 32° 18′ 45″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)									Relative Humidi	
	Mean	Maximum	Minimum	8 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	20 h.
1905														
nuary	764·78	770·4	758·0	11·4	12·9	12·2	17·0	9·2	21·3	21	6·0	27	72	71
ebruary	65·03	70·1	56·1	11·1	13·0	12·0	17·2	8·8	20·0	3, 13	6·3	1	79	75
rch	60·90	64·4	54·7	13·7	15·0	14·4	20·1	11·0	29·4	26	8·3	8	80	76
ril	61·50	66·9	53·2	18·2	18·3	18·2	23·2	15·2	39·4	22	12·0	3	75	78
May	60·41	63·9	56·9	22·0	21·2	21·6	26·7	18·2	31·4	18	13·4	3	76	77
June	59·53	63·1	53·3	24·5	23·3	23·9	29·2	20·9	41·1	12	19·5	18, 27	74	82
July	57·11	59·4	54·8	26·3	25·9	26·1	30·1	23·0	31·9	4	21·0	17	77	81
August	57·03	59·4	54·6	26·5	26·4	26·5	30·8	23·7	35·0	29	22·2	15	76	79
September	58·87	62·1	54·3	25·6	25·7	25·6	29·5	22·9	32·5	1	20·2	28	75	76
October	61·66	65·2	57·7	23·8	24·4	24·1	28·3	21·4	34·2	15	13·0	31	75	76
November	64·11	69·7	55·2	20·8	21·3	21·1	26·5	18·2	30·0	15	14·1	28	73	74
December	64·35	71·5	55·8	13·6	14·9	14·2	19·8	11.2	26·3	1	6·0	28	71	69
Mean	761·27	765·5	755·4	19·8	20·2	20·0	24·9	17·0	—	—	—	—	75	76

lexandria for the year 1905.

meter above sea-level 32·0 metres. Mean reduction to sea-level +2·8 mm. Mean correction to mean gravity—0·9 mm.

POUR TENSION (mm.)			CLOUDS (0—10)				RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	> 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
8·0	7·5	7·6	6·3	5·1	5·6	5·7	45·8	14·0	10	12	8	4·5	11·5	10·5	2·0	4·5	17·0	18·0	9·0	16
8·1	7·7	7·7	5·4	4·9	4·3	4·9	15·9	3·6	10, 19	11	5	7·0	9·0	10·5	4·0	3·0	13·5	13·5	16·5	7
9·0	8·8	8·8	6·2	5·7	5·5	5·8	14·2	5·9	21	4	3	14·0	7·0	4·0	6·5	4·0	6·0	10·5	31·0	10
11·8	11·2	11·3	4·4	4·3	3·5	4·0	drops	drops	25, 27 28	—	—	14·0	17·0	12·0	6·0	0·5	2·5	2·0	27·0	9
13·6	13·2	13·1	3·9	3·5	3·4	3·6	0·0	0·0	—	—	—	27·5	39·0	2·5	3·0	2·0	—	1·0	12·0	6
16·5	16·0	16·0	2·6	1·6	2·2	2·1	0·0	0·0	—	—	—	20·0	18·5	3·0	1·5	2·5	1·0	6·5	28·0	9
18·6	18·2	18·2	2·8	0·7	1·4	1·6	0·0	0·0	—	—	—	35·5	7·5	0·5	0·5	0·5	—	1·0	40·5	7
18·5	18·2	18·2	3·0	1·5	1·6	2·0	0·0	0·0	—	—	—	32·0	8·0	—	—	—	—	1·0	50·0	2
17·5	17·0	17·2	3·0	0·7	1·0	1·6	0·0	0·0	—	—	—	27·5	29·5	0·5	—	—	—	—	23·5	9
16·8	16·2	16·3	3·3	2·4	2·7	2·8	27·9	18·8	20	5	2	24·0	21·5	7·5	2·0	2·0	—	2·5	14·5	19
13·3	13·4	13·3	3·0	2·4	2·9	2·8	7·3	7·1	27	2	1	16·0	34·5	6.0	3·0	2·5	6·5	5·0	3·5	13
8·6	8·7	8·6	4·8	3·9	4·7	4·5	159·1	47·0	18	13	12	16·0	10·0	4·0	3·0	12·0	12·0	10·0	14·0	12
13·4	13·0	13·0	4·1	3·1	3·2	3·4	total 270·2	—	—	—	—	238·0	213·0	61·0	31·5	33·5	58·5	71·0	269·5	119

Port Said for the year 1905.

ometer above sea-level 3·5 metres. Mean reduction to sea-level +0·3 mm. Mean correction to mean gravity—0·9 mm

OUR TENSION (mm.)			CLOUDS (0—10)			RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded								
20 h.	Mean	8 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	
7·9	7·6	5·4	3·8	4·6	24·0	15·2	24	4	3	5·5	8·5	5·5	1·0	7·0	7·5	6·0	11·0	10
8·5	8·2	3·3	2·7	3·0	2·1	1·3	6	2	1	6·5	2·0	9·5	0·5	3·5	8·0	7·5	12·5	6
9·8	9·6	4·1	3·1	3·6	22·5	20·0	22	2	2	11·0	6·0	5·5	4·5	5·0	4·0	10·0	15·0	1
12·2	11·9	4·2	2·0	3·1	0·0	0·0	—	—	—	19·0	10·5	7·0	1·5	1·5	2·5	6·5	10·5	1
14·5	14.7	2·8	1·0	1·9	0·0	0·0	—	—	—	25·5	16·5	5·0	—	2·0	—	6·0	7·0	—
17·3	17·1	3·0	1·1	2·0	0·0	0·0	—	—	—	19·5	8·0	4·0	2·0	3·0	3·5	8·5	11·5	—
20·2	19·9	2·6	0·4	1·5	0·0	0·0	—	—	—	26·0	5·5	2·5	—	1·0	1·0	9·5	15·5	1
20·3	19·9	3·8	1·4	2·6	0·0	0·0	—	—	—	26·5	4·5	—	—	—	3·5	8·5	17·0	2
18·9	18·6	2·0	0·6	1·3	0·0	0·0	—	—	—	22·5	8·5	0·5	—	0·5	3·5	4·0	16·5	4
17·3	16·9	3·5	1·9	2·7	2·8	2·8	21	1	1	15·5	21·5	1·5	1·5	3·0	1·0	3·5	8·5	6
14·1	13·8	2·6	2·0	2·3	0·0	0·0	—	—	—	14·5	13·5	7·5	—	2·0	5·5	2·0	3·0	12
8·9	8·7	5·4	4·3	4·8	45·4	20·5	21	9	9	10·0	4·5	1·5	1·0	7·0	8·0	11·5	13·5	5
14·2	13·9	3·6	2·0	2·8	total 96·8	—	—	—	—	202·0	109·5	50·0	12·0	35·5	48·0	83·5	141·5	48

Summary of Meteorological Observa

Latitude 30° 58′ 0″ N. Longitude 31° 11′ 0″ E of Gre

Month.	Barometric Pressure (mm.)			Temperature (Centigrade)								Relati Humidi
	8 a.m.	Maximum.	Minimum.	8 h.	Mean *	Mean Maximum.	Mean Minimum.	Absolute Maximum.	Date.	Absolute minimum.	Date.	8 h.
1905												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	759·35	762·3	754·7	26·7	26·5	33·9	19·0	38·5	1	17·3	24,26,29	70
October...	62·12	66·3	58·4	24·2	24·7	31·5	17·8	35·0	12	14·4	21	72
November	64·56	70·1	55·2	20·1	21·0	27·2	14·8	29·6	17	10·7	27	75
December	65·02	71·8	56·7	13·1	14·5	20·5	8·5	26·0	1, 9	3·0	29	78
Mean... ...	—	—	—	—	—	—	—	—	—	—	—	—

* The Mean Temperature is taken from $\frac{\text{Max.} + \text{Min.}}{2}$

Summary of Meteorological Observati

Latitude 29° 56′ 0″ N. Longitude 32° 33′ 0″ E. of Gree

Month.	Barometric Pressure (mm.)	Temperature (Centigrade)								Relative Humi %
	8 a.m. *	8 h. a.m.	Mean †	Mean Maximum.	Mean Minimum.	Absolute Maximum.	Date.	Absolute Minimum.	Date.	8 h. a.m.
1905.										
January	764·7	9·5	12·1	16·4	7.8	21·0	3, 4	4·0	26	71
February	65·8	11·0	13·0	18·0	8·0	23·0	26	6·0	several dates	66
March	60·5	15·1	16·4	21·6	11·1	26·0	27	8·0	6, 8, 14	64
April...	60·8	20·1	22·0	28·9	15·1	39·0	20	11·0	1	60
May	59·3	24·0	25·6	33·6	17·7	41·0	25	10·0	23	52
June	58·8	25·2	27·4	34·1	20·8	39·0	22	18·0	5, 18	59
July	56·3	27·5	29·5	36·3	22·7	39·0	11, 18, 19	21·0	4, 10	59
August	56·0	27·4	29·6	35·8	23·4	38·0	15	21·0	29	65
September	57·8	26·0	27·9	34·2	21·6	37·0	2, 3	19·0	several dates	65
October	60·9	23·4	26·0	32·0	20·0	37·0	4, 13	16·0	25, 31	66
November...	63·6	18·8	21·1	27·2	15·0	30·0	several dates	12·0	1, 27, 28	74
December...	64·5	12·5	15·0	19·8	10.1	25·0	1, 8	3·0	28	69
Mean... ...	760·75	20·0	22·1	28·2	16.1	—	—	—	—	64

* Reduced to 0° Centigrade, sea-level and Mean Gravity.

† The Mean temperature is taken from $\frac{\text{Max. and Min.}}{2}$

Mehalla el Kubra for the year 1905.

meter above sea-level 8·0 metres. Mean reduction to sea level +0·7 mm. Mean correction to mean gravity — 0·9 mm.

...ure Tension mm.	Clouds 0—10	Rainfall (mm.)			Days with		Wind Direction Number of observations in which the wind direction was recorded as								
8 h.	8 h.	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain.	≥1·0 mm. of rain.	N	NE	E	SE	S	SW	W	NW	Calm.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18·1	0·7	—	—	—	—	—	27·0	3·0	—	—	—	—	—	—	—
16·4	1·7	—	—	—	—	—	20·0	4·0	1·0	—	2·0	2·0	1·0	1·0	—
13·0	2·4	—	—	—	—	—	16·5	5·5	—	—	2·0	4·0	2·0	—	—
8·7	4·3	—	—	—	—	—	9·0	1·0	—	—	7·0	8·0	3·0	3·0	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Suez for the year 1905.

ometer above sea-level 3·2 metres Mean reduction to sea level + 0·3 m.m. Mean correction to mean gravity — 1·0 m

Clouds (0—10)	Rainfall (mm.)			Days with.		Wind Direction Number of observations in which the wind direction was recorded as								
8 h. a.m.	Total	Maximum 1 day. Amount.	Maximum 1 day. day.	≥ 0·1 m.m. of rain.	≥ 1·0 m.m. of rain.	N	NE	E	SE	S	SW	W	NW	
1·4	18.0	11·0	5	3	3	12·5	8·0	3·0	1·0	1·5	1·5	1·0	1·5	
2·0	1·0	1·0	8	1	—	10·5	2·0	5·0	4·5	—	4·0	2·0	—	—
2·8	2·0	2.0	31	1	—	8·5	4·0	3·0	2·5	1·0	1·0	3·0	8·0	—
1.9	3·0	3·0	1	1	—	16·0	2·0	1·0	7·0	1.5	—	—	2·5	—
1·3	0·0	0·0	—	—	—	20·5	4·5	0·5	2·5	1·0	—	—	2·0	—
1·6	0·0	0·0	—	—	—	18·0	2·5	0·5	1·5	1·5	—	—	5·0	—
0·3	0·0	0·0	—	—	—	24·5	3·5	0·5	1·0	0·5	—	—	1·0	—
0·8	0·0	0·0	—	—	—	24·0	4·0	—	—	—	—	—	3·0	—
0·4	0·0	0·0	—	—	—	19·0	6·0	—	—	—	—	—	5·0	—
2·0	0·0	0·0	—	—	—	18·0	3·0	0·5	0·5	0·5	—	—	8·5	—
2·0	0·0	0·0	—	—	—	15·5	7·5	1·0	1·0	0·5	1·0	—	3·5	—
2·3	0·0	0·0	—	—	—	14·0	3·5	2·0	2·0	1·0	3·0	0·5	5.0	—
1·6	Total 24·0	—	—	—	—	201·0	50·5	17·0	23·5	9·0	10·5	6·5	45·0	—

Summary of Meteorological Observati

Latitude 28° 13′ 30″ N. Longitude 33° 37′ 0″ E. of Greenw

Month	Barometric Pressure (mm.)*			Temperature (Centigrade)										Relative Humidity (%)			
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Me
1905																	
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	60·27	64·4	57·2	26·1	28·6	26·1	25·3	—	20·2	—	—	16·1	22	73	70	71	72
November...	63·82	70·5	57·4	21·2	25·0	22·1	20·6	28·1	14·1	34·4	12	10·6	24	62	76	74	68
December...	[62·51]	[66·0]	[57·5]	[18·3]	[23·1]	[20·2]	[18·5]	[26·7]	[12·4]	[29·7]	[4]	[8·7]	[14]	[60]	[70]	[62]	[61]
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observation

Latitude 30° 4′ 36″ N. Longitude 31° 17′ 15″ E of Greenw

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity (%)			
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Me
1905																	
January	762·57	769·9	755·8	8·2	16·9	11·2	10·3	17·9	5·0	21·0	21	3·0	Several dates.	71	42	65	6
February	[63·23]	69·3	54·6	[8·9]	[16·8]	[12·3]	[11·3]	[17·8]	[7·5]	24·0	25, 26	4·5	27	[74]	[37]	[61]	[6
March	59·48	64·5	52·2	13·6	21·1	16·3	15·3	22·2	10·0	34·5	26	6·0	1	69	35	60	6
April	59·61	65·8	51·8	19·1	27·4	21·2	20·3	28·8	13·5	40·9	22	9·7	4	63	31	52	5
May	58·44	62·5	54·0	22·9	32·5	25·0	24·2	33·7	16·2	41·1	26	11·0	2	56	23	44	5
June	58·03	61·9	50·4	25·8	33·0	27·2	26·4	34·8	19·7	41·8	12	16·4	5	57	27	46	5
July	55·90	58·5	53·0	27·0	34·2	29·7	28·1	35·7	21·4	39·3	18	20·0	2	62	31	48	5
August	55·89	58·9	53·1	26·0	33·3	28·5	27·3	34·7	21·3	36·6	8	19·3	19	70	33	55	6
September...	57·58	61·2	53·0	25·0	31·5	25·9	25·5	32·5	19·7	36·8	1	18·0	24, 25	70	37	61	6
October	60·19	64·4	56·6	22·4	29·8	23·5	23·5	30·6	18·3	39·0	4	14·2	31	75	38	66	7
November...	62·47	67·5	54·7	16·9	25·2	19·6	19·0	26·0	14·1	30·3	16	11·6	30	80	45	68	7
December...	63·32	70·2	54·6	10·6	17·5	13·4	12·5	18·4	8·4	24·4	7	1·0	30	77	48	69	7
Mean	759·73	764·6	753·6	18·9	26·6	21·2	20·3	27·7	14·6	—	—	—	—	69	36	58	6

Tor for the year 1905.

ometer above sea-level 1·7 metres. Mean Reduction to sea-level +0·2 mm. Mean Correction to mean gravity —1·1 mm.

APOUR TENSION (mm.)			CLOUDS (0—10)				RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20·4	17·7	18·9	1·5	1·6	1.4	1·5	—	—	—	—	—	12·0	0·5	1·0	—	—	—	16·5	59·0	4
18·0	14·8	14·8	0·5	0·5	0·2	0·4	—	—	—	—	—	6·0	18·0	—	—	—	—	1·5	64·5	—
[14·6]	[10·9]	[11·7]	[1·1]	[1·1]	[1·1]	[1·1]	—	—	—	—	—	—	[11·0]	—	—	—	—	[2·5]	[31·5]	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Abbassia Cairo for the year 1905.

neter above sea-level 29·9 metres. Mean reduction to sea-level +2·6 mm. Mean correction to mean gravity —1·0 mm.

APOUR TENSION (mm.)			CLOUDS (0—10)				RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
5·8	6·4	6·0	1·2	2·4	0·8	1·5	15 8	10·2	23	3	2	20·0	5·0	7·0	6·5	16·0	1·5	2·0	2·0	32
[5·0]	[6·3]	[5·9]	[4·0]	[5·4]	[1·2]	[3·5]	[0·8]	0·6	8	2	—	[4·0]	[8·0]	[6·0]	[6·0]	[1·0]	[4·0]	[3·0]	[9·0]	[
6·4	8·5	7·6	4·0	5·2	3·2	4·1	10·7	9·7	31	3	1	—	4·0	7·0	3·0	3·0	8·0	14·0	10·0	
8·2	9·5	9·3	3·1	4·7	1·1	3·0	0·4	0·4	1	1	—	5·0	10·0	7·0	5·0	—	1·0	20·0	19·0	
7·8	10·1	9·7	4·6	3·4	1·4	3·1	Drops	Drops	20	—	—	10·0	32·0	13·0	—	—	1·0	11·0	25·0	
10·1	12·4	12·2	3·4	2·1	1·4	2·3	0·0	0·0	—	—	—	18·0	28·0	9·0	3·0	—	—	4·0	26·0	
12·6	14·9	14·7	2·3	0·8	0·2	1·1	0·0	0·0	—	—	—	17·0	29·0	4·0	3·0	3·0	2·0	—	34·0	
12·6	15·6	15·1	5·8	0·9	0·0	2·3	0·0	0·0	—	—	—	26·0	15·0	9·0	—	—	—	4·0	37·0	
12·7	15·2	14·8	3·8	0·6	0·0	1·5	0·0	0·0	—	—	—	22·0	14·0	11·0	2·0	1·0	1·0	5·0	34·0	—
11·2	14·0	13·4	3·2	3·7	1·5	2·8	0·0	0·0	—	—	—	21·0	7·0	5·0	5·0	1·0	2·0	7·0	45·0	—
10·4	11·5	11·2	4·6	4·3	1·6	3·5	0·1	0·1	28	—	—	21·0	17·0	3·0	2·0	—	5·0	5·0	34·0	3
7·2	8·0	7·5	4·0	5·5	2·6	4·0	5·4	2·8	15	4	2	27·0	2·0	—	4·0	—	4·0	7·0	46·0	3
9·2	11·0	10·6	3·8	3·2	1·2	2·7	Total 33·2	—	—	—	—	191·0	171·0	81·0	39·5	25·0	29·5	82·0	32·10	136

Summary of Meteorological Observa

Latitude 30° 1′ 57″ N. Longitude 31° 12′ 53″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	763·46	769·3	758·2	7·3	16·7	10·8	10·0	18·8	4·9	22·0	21	1·0	26	81	44	69
February	63·51	68·0	55·8	8·4	17·7	11·3	10·8	19·6	5·6	24.9	26	2·9	17	75	39	62
March	59·53	63·9	52·7	13.6	21·4	15·4	14·8	23·4	8·8	35·9	26	4·5	3	73	50	67
April	59·42	65.8	51·2	18·7	27·2	20·3	19·7	29·3	12·6	40·7	21, 22	8·2	4	68	47	62
May	58·12	62·7	52·6	21·5	32·0	24·5	23·2	33·6	15·0	42·6	26	9·1	2	67	46	52
June	57·39	60.5	50·7	24·4	33·4	26·6	25·8	34·8	18·7	42·8	12	15·4	5	65	37	58
July	54·97	58·1	52·4	25·5	35·3	29·2	27·4	37·2	19·8	40·7	18	18·0	16	70	38	64
August...	55·13	58·0	52·3	24·9	34·4	28·4	26·9	36·1	20·0	38·7	5	17·9	19, 30	73	40	62
September	56·76	60·3	52·1	23·4	31·8	25·5	24·9	33·8	18·6	38·7	1	16·0	26	80	48	70
October...	59·40	64·0	55·8	22·0	30·0	23·4	23·2	31·5	17·5	36·8	4	13·6	31	77	41	69
November	62· 0	67·7	54·3	16·7	25·5	19·2	18·6	27·0	12·9	30·5	16	10·2	30	88	50	75
December	63·23	70·3	54·1	10·0	18·5	12·6	12·1	20·6	7·1	26·5	2	4·0	30	85	52	76
Mean	759·41	764·0	753·5	18·0	27·0	20·6	19·8	28·8	13·5	—	—	—	—	75	44	66

Summary of Meteorological Observa

Latitude 29° 51′ 34″ N. Longitude 31° 20′ 30″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	755·64	761·6	750·4	7·8	16·1	11·8	10·3	17·1	5·7	26·4	29	1·9	26	68	38	53
January	762·57	769·9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18·1	6·3	25·9	25	3·7	12	62	32	43
February	55·93	61·2	48·1	9·1	16·9	12·7	11·2	[illegible]	[illegible]	[illegible]	[illegible]	6·0	14	62	30	42
March	51·86	56·4	45·0	13·4	20·9	16·6	15·1	22·4	9·5	35·4	26	8·6	4	53	20	33
April	51·93	57·8	46·1	18·7	27·7	22·3	20·7	29·3	14·0	42·1	22	11·1	7	47	17	32
May	50·69	55·1	46·3	22·8	32·4	26·1	24·7	33·9	17·5	43·6	30	16·8	14	50	19	34
June	50·23	53·8	44·2	24·5	33·2	27·8	26·3	34·7	19·7	42·4	12	19·0	26	59	22	31
July	47·75	50·6	45·1	26·0	34·3	30·9	28·1	36·0	21·6	40·2	18	18·8	29	69	26	40
August...	47·95	50·7	44·9	24·5	33·5	29·6	27·3	34·9	21·4	37·6	5	17·5	27	70	28	47
September	49·60	52·7	45·5	23·5	32·2	27·3	25·8	33·0	20·4	36·8	1	14·8	25	61	29	53
October	52·11	56·0	49·2	22·7	30·6	24·7	24·4	31·4	19·5	38·4	4	11·6	28	68	34	57
November	51·52	59·9	47·0	18·0	26·3	20·6	20·1	27·2	15·4	34·0	10	1·3	30	69	39	58
December	55·36	62·0	47·0	10·6	17·9	13·6	12·6	18·8	8·3	24·7	1	—	—	62	28	44
Mean	751·96	756·5	756·6	18·5	26·8	22·0	20·6	28·1	14·9	—	—	—	—			

za Cairo for the year 1905.

eter above sea-level 27·3 metres. Mean reduction to sea-level + 2·4 mm. Mean correction to mean gravity — 1·0 mm.

UR TENSION (mm.)			CLOUDS (0—10)				RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
6·3	6·7	6·4	4·1	4·7	2·5	3·8	2·9	2·7	24	2	1	2·5	25·0	4·0	10·0	4·0	17·5	6·5	8·5	15
5·8	6·2	6·1	4·5	4·8	2·1	3·9	1·2	0·9	8	2	—	2·5	25·0	5·5	7·5	3·0	22·0	2·0	4·5	12
9·5	8·5	8·8	4·4	5·7	2·8	4·3	3·2	3.2	22	1	1	1·5	31·0	1·0	6·5	4·0	17·0	5·0	17·0	10
12·8	11·2	11·6	3·0	3·8	1·6	2·8	10·5	10.1	1	2	1	6·5	38·0	1·5	3·0	2·0	10·0	3·0	15·0	11
15·8	12·0	13·5	4·2	2·9	0·9	2·7	0·0	0.0	—	—	—	6·0	55·5	3·0	—	—	4·0	1·5	12·0	11
13·8	15·2	14·5	2·1	1·5	1·0	1·6	0·0	0.0	—	—	—	10·0	35·0	5·5	4·0	2·0	3·5	6·0	21·0	3
16·5	19·4	17·6	1·7	0·4	0·2	0·8	0·0	0.0	—	—	—	21·5	12·5	0·5	1·0	—	—	4·0	48·5	5
16·2	17·9	17·0	4.3	0·5	0·1	1·6	0·0	0.0	—	—	—	14·0	16·5	—	—	—	—	1·0	56·5	5
16·6	16·8	16·9	2·5	0·4	0.0	1·0	0·0	0.0	—	—	—	21·0	22·0	0·5	—	—	0·5	2·0	41·0	3
12·7	14·6	14·1	2·1	3·7	2·0	2·6	Drops	Drops	25	—	—	10·5	29·0	5·0	4·5	0·5	1·0	2·0	36·5	4
11·8	12·5	12·3	3·4	3·6	2·2	3·1	0·1	0·1	28	—	—	15·5	36·0	—	3·0	1·0	3·0	3·5	25·0	3
8·4	8·4	8·3	4·0	4·7	3·7	4·1	5·2	3·0	15	4	1	10·5	12·0	2·0	8·5	10·5	11·5	5·5	24·5	8
12·2	12·5	12·2	3·4	3·1	1·6	2·7	Total. 23·1	—	—	—	—	12·20	337·5	28·5	48·0	27·0	90·0	42·0	310·0	90

elwan for the year 1905.

eter above sea-level 115·6 metres. Mean reduction to sea-level + 19·1 mm. Mean correction to mean gravity — 1·0 mm.

OUR TENSION (mm.)			CLOUDS (0—10)				RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
5·2	5·5	5·3	4·4	4·8	3·0	4·0	0.2	0.1	6, 24	—	—	10·5	30·5	5·0	9·5	6·0	7·5	7·0	6·0	11
4·3	4·6	4·7	4·6	4·7	3·2	4·2	0.2	0·1	8, 11	—	—	8·0	20·0	5·0	10·5	7·0	10·0	5·5	6·0	12
5·1	5·5	5·8	4·8	6·1	2·4	4·4	2·0	1·0	21, 31	2	—	23·5	14·0	8·0	13·0	3·5	6·5	6·0	13·5	5
4·9	6·4	6·4	3·3	3·9	2·1	3·1	Drops.	Drops.	1, 24, 29	—	—	32·0	29·0	2·0	3·5	5·5	2·0	5·5	6·5	4
6·0	7·7	7·6	4·0	2·9	1·4	2·8	Drops.	Drops.	21	—	—	31·0	36·0	7·5	4·0	1·0	1·5	2·0	10·0	2
7·0	9·3	9·1	2·7	2·0	1·6	2·1	0·0	0.0	—	—	—	26·0	25·0	10·5	2·0	2·5	1·5	1·5	14·0	7
8·8	10·2	11·1	1·3	0·6	0·2	0·7	0·0	0·0	—	—	—	43·0	22·5	1·0	1·0	—	—	—	15·5	10
9·5	12·1	12·5	2·0	0·5	0·2	0·9	0·0	0·0	—	—	—	45·5	27·0	—	—	—	—	2·5	17·0	1
9·9	12·6	12·6	2·4	0·6	0·1	1·0	0·0	0·0	—	—	—	38·0	39·5	1·5	—	—	—	0·5	9 5	1
9·0	12·1	11·1	2·7	3·3	2·4	2·8	0·1	0·1	16	—	—	18·0	52·0	10·0	4·0	0·5	0·5	0·5	4·5	3
8·4	10·2	9·6	3·0	3·2	2·5	2·9	0·9	0·9	28	1	—	7·5	49·0	7·5	5·0	6·5	4·0	0·5	3·0	7
5·9	6·9	6·5	3·2	4·6	3·7	3·9	2·0	1·1	22	3	1	15·0	22·0	9·0	8·0	11·0	10·0	1·5	8·5	8
7·0	8·6	8·6	3·2	3·1	1·9	2·7	Total 5·4	—	—	—	—	298·0	364·5	67·0	60.5	43·5	43·5	33·0	114·0	71

Summary of Meteorological Observat

Latitude 27° 11′ 0″ N. Longitude 31° 12′ 36″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade.)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	761·66	766·7	757·5	8·9	13·5	8·5	8·8	20·7	4·4	25·0	3, 5	1·5	28, 31	69	54	72
February	[62·13]	[65·0]	[57·5]	[9·5]	[16·6]	[9·4]	[9·7]	[22·1]	[3·4]	[28·0]	26, 27, 28	[1·0]	several dates.	[61]	[43]	[63]
March	58·27	62·6	50·9	14·9	22·9	13·6	15·0	26·9	8·6	37·5	4	4·0	10	53	41	66
April	58·17	63·1	53·0	21·2	30·4	21·6	21·7	34·8	13·6	45·0	23, 24	9·0	4, 6	46	33	55
May	56·16	61·7	50·6	25·7	35·2	26·5	26·6	38·7	19·2	45·5	31	11·0	6	38	26	40
June	55·63	58·5	51·3	28·0	36·4	29·9	29·0	40·1	21·6	44·0	several dates.	19·0	7	38	16	33
July	53·93	56·6	50·3	28·6	36·8	29·7	29·5	40·3	22·8	44·0	18	19·0	5	45	16	35
August	54·19	56·6	51·2	28·2	35·4	29·2	28·8	39·6	22·6	41·5	6	19·0	30	47	22	41
September...	55·06	58·0	51·3	25·5	32·9	27·4	26·8	36·8	21·3	40·0	5	16·5	29	60	29	49
October	56·82	60·7	51·0	23·9	30·4	21·6	24·4	34·3	18·6	39·5	13	15·5	23, 31	62	38	59
November...	[59·59]	[66·1]	[54·4]	[18·9]	[26·4]	[22·0]	[20·1]	29·9	13·3	34·0	10	[9·0]	25	[69]	[50]	[63]
December...	61·27	66·5	55·6	12·3	20·0	13·8	13·3	23·2	7·2	28·0	2	3·5	22	66	44	69
Mean...	757·74	761·8	752·9	20·5	28·1	21·3	21·2	32·3	14·7	—	—	—	—	54	34	54

Summary of Meteorological Observat

Latitude 25° 29′ 0″ N. Longitude 28° 59′ 39″ E. of Gree

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity(		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	755·95	761·0	749·4	14·8	20·4	13·4	14·1	21·5	—	30·0	27	—	—	41	32	47
March	52·26	56·3	43·8	21·2	26·7	19·4	**20·3**	**28·6**	—	**40·5**	**4**	—	—	**37**	**28**	**38**
April	51·78	57·7	44·6	28·6	33·8	24·6	**26·6**	**34·6**	—	**44·0**	**23**	—	—	**24**	**15**	**30**
May	49·58	56·4	45·2	33·4	39·0	29·9	**31·7**	**39·8**	—	**46·7**	**31**	—	—	**18**	**12**	**23**
June	49·57	53·7	46·2	35·1	40·3	31·8	33·4	41·2	—	45·5	22	—	—	19	12	18
July	47·92	51·1	45·3	34·4	40·5	31·9	32·6	41·3	[23·3]	[44·0]	18	21·5	27	20	12	20
August	48·42	50·6	46·0	32·7	38·4	33·1	31·7	39·6	22·7	42·5	8	19·0	30	30	22	28
September...	49·39	52·9	46·3	30·2	36·5	30·5	29·6	37·6	20·9	41·6	5	15·5	28	35	26	33
October	51·46	55·4	48·8	28·7	35·5	28·6	27·9	36·9	18·9	44·0	5	13·5	31	39	26	**35**
November...	54·33	60·4	47·8	23·5	29·3	23·2	22·3	30·5	13·1	36·5	10	8·0	27	45	35	**43**
December...	55·99	61.5	50·0	16·7	21·8	16·3	15·3	22·3	6·3	29·5	7	1·5	23, 24, 31	50	37	**46**
Mean	751·54	756·1	746·7	27·2	32·9	25·7	26·0	34·0	17·5	—	—	—	—	33	23	**33**

Assiut for the year 1905.

meter above sea-level 55·6 metres. Mean reduction to sea-level + 4·9 mm. Mean correction to mean gravity — 1·2 mm.

	Vapour Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1	6·1	6·0	6·0	0·2	0·0	0·0	0·1	—	—	—	—	—	—	29·0	—	—	—	—	36·0	28·0	—
4	[5·9]	[5·6]	5·6	[0·4]	[0·0]	[0·0]	[0·1]	—	—	—	—	—	[—]	[27·0]	[1·0]	[—]	[—]	[—]	[18·0]	[23·0]	[—]
5	8·4	7·7	7·6	0·0	0·0	0·0	0·0	—	—	—	—	—	—	36·0	—	—	—	—	25·0	32·0	—
4	10·1	10.6	9·7	0·0	0·0	0·0	0·0	—	—	—	—	—	—	43·0	—	—	—	—	15·0	32·0	—
2	10·9	10·0	10·0	0·0	0·0	0·0	0·0	—	—	—	—	—	—	46·0	—	—	—	—	16·0	31·0	—
7	7·3	10·4	9·5	0·0	0·0	0·0	0·0	—	—	—	—	—	—	37·0	—	—	—	—	15·0	38·0	—
6	7·3	10·8	10·2	0·0	0·0	0·0	0·0	—	—	—	—	—	—	35·0	—	—	—	—	37·0	21·0	—
2	9·4	12·3	11·6	0·0	0·0	0·0	0·0	—	—	—	—	—	—	18·0	—	—	—	—	35·0	40·0	—
5	10·6	13·2	12·8	—	—	—	—	—	—	—	—	—	—	30·0	—	—	—	—	35·0	25.0	—
6	12·0	13·3	13·0	—	—	—	—	—	—	—	—	—	—	53·0	3·0	2·0	3·0	1·0	4·0	27·0	—
1	[12·4]	[12·0]	[11·8]	[0·0]	[0·0]	[0·0]	[0·0]	—	—	—	—	—	—	[32·0]	[20.0]	[1.0]	[1·0]	[5·0]	[15·0]	[4·0]	—
1	7·7	8·1	7·6	—	—	—	—	—	—	—	—	—	—	35·0	6·0	9·0	8·0	6·0	9·0	20·0	—
9	9·0	10·0	9·6	0·0	0·0	0·0	0·0	—	—	—	—	—	—	421·0	30·0	12·0	12·0	12·0	260·0	321·0	—

Dakhla Oasis for the year 1905.

meter above sea-level 130·0 metres. Mean reduction to sea-level + 11·2 m.m. Mean correction to mean gravity — 1·2 mm.

	Vapour Tension (mm.)			Clouds 0—10				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	6·0	5.4	5·4	0·5	0·9	0·8	0·7	—	—	—	—	—	28·0	—	—	—	—	—	1·0	—	55
9	7·5	6·3	6·9	0·4	0·9	0·9	0·7	—	—	—	—	—	21·0	—	—	4·0	—	—	3·0	—	65
9	5·5	6·6	6·4	0·2	0·1	0·1	0·2	—	—	—	—	—	9·0	—	—	—	—	—	—	—	81
7	6·1	6·7	6·5	0·8	0·8	1·4	1·0	—	—	—	—	—	8·0	—	5·0	10·0	—	—	5·0	—	65
1	7·4	6·5	7·3	1·1	0·6	1·6	1·1	—	—	—	—	—	16·0	—	2·0	9·0	2·0	—	17·0	—	44
2	7·2	7·0	7·5	0·3	0·5	0·2	0·4	—	—	—	—	—	6·0	—	—	2·0	—	—	3·0	—	82
2	11·3	10·6	11·1	0·0	0·0	0·0	0·0	—	—	—	—	—	50·0	—	—	—	—	—	1·0	—	42
1	11·9	10·6	11·2	0·0	0·3	0·2	0·2	—	—	—	—	—	47·0	—	—	—	—	—	—	—	43
1	11·0	9·9	10·7	1·2	1·6	0·8	1·2	—	—	—	—	—	60·0	—	—	—	—	—	—	—	33
3	10·6	9·2	9·9	0·6	0·8	0·8	0·7	—	—	—	—	—	56·0	—	—	—	—	—	—	—	34
1	7·1	6·4	6·9	0·2	0·6	1·2	0·7	—	—	—	—	—	49·0	—	—	—	—	—	—	—	44
	8·3	7·7	8·2	0·5	0·6	0·7	0·6	total —	—	—	—	—	350·0	—	7·0	25·0	2·0	—	30·0	—	588

Summary of Meteorological Observati

Latitude 24° 2′ 25″ N. Longitude 32° 52′ 40″ E. of Green

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity (%		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	756·20	761·4	751·7	10·8	20·3	15·5	13·7	22·3	8·1	28·5	6	4·0	16	58	34	47
February	56·95	61·3	51·5	10·5	20·7	15·4	13·5	21·9	7·5	28·5	24	3·5	2, 10	54	31	43
March	53·69	58·6	48·2	16·7	26·7	19·6	18·7	27·8	11·8	37·5	27	6·5	11	44	26	42
April	52·79	58·8	58·4	23·1	33·1	26·5	24·9	34·5	16·8	42·0	24	12·0	2	37	22	32
May	50·43	57·2	46·3	28.4	37·8	32·0	30·1	39·9	22·2	46·5	31	15·0	5	50	40	44
June	49·47	53·1	46·4	31·9	41·1	34·7	33·4	43·3	25·8	46·6	1, 23, 24	22·0	20	35	28	34
July	48·21	51·0	45·6	32·1	40·8	34·5	33·3	42·7	25·6	46·0	18	23·0	27	30	17	26
August	48·08	50·7	45·1	30·9	39·8	33·9	32·4	41·8	25·2	43·8	6	22.0	30	32	18	26
September...	49·37	53·0	46·1	29·2	38·6	32·6	31·0	40·1	23·6	42·0	22	20·0	27, 28	41	28	36
October	51·62	55·7	48·3	27·0	36·9	30·7	28·9	38·4	21·1	44·5	4	16·0	26	54	36	44
November...	54·51	59·7	49·6	21·3	31·5	25·6	23·8	32·5	17·0	38.8	11	11·4	29	65	52	60
December...	56·50	61·4	51·2	13·0	22·8	17·8	15·9	23·8	10·1	32·0	2	5·0	23, 24, 25	60	42	47
Mean	752·32	756·8	749·0	22·9	32·5	26·6	25·0	34·1	17·9	—	—	—	—	47	31	40

Summary of Meteorological Observati

Latitude 21° 54′ 49″ N. Longitude 31° 19′ 3″ E. of Green

Month	Barometric Pressure (mm.)			Temperature (°C.)										Relative Humidity (%		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	754·12	758·7	750·1	10·0	—	16·3	13·5	22·8	7·0	30·0	5	1·5	28 ,29	53	—	42
February	54·50	58·5	50·1	10·0	—	16·1	13·0	22·7	6·8	30·5	28	1·0	2, 10	45	—	30
March	50·77	55·4	45·6	16·2	—	21·6	18·9	28·7	10·9	39·0	4	3·5	11	44	—	36
April	49·66	54·8	46·2	22·1	—	27·0	24·6	34·9	15·0	43·0	24	9·0	2	42	—	37
May	47·44	53·5	44·1	28·3	—	32·0	30·2	39·4	20·5	46·0	31	13·0	5	38	—	32
June	46·41	49·4	44·1	31·6	—	35·0	33·3	42·6	23·7	47·0	2	17·0	23	37	—	30
July	[46·31]	48·6	44·0	30·6	—	33·9	32·3	40·8	23·3	44·5	19	21·0	several dates.	24	—	22
August	46·27	48·5	44·6	29·3	—	33·2	31·3	39·9	24·6	43·0	6	21·0	14	33	—	29
September...	47·44	50·6	44·9	28·2	—	31·3	29·8	38·8	—	41·5	5	—	—	36	—	33
October	49·09	52·7	45·0	26·9	—	29·5	28·2	38·0	[20·1]	45·0	4, 5	16·0	26, 28	35	—	32
November...	51·82	56·5	45·4	21·4	—	24·2	22·8	32·9	17·4	41·5	11	13·0	24, 29, 30	42	—	35
December...	54·44	59·5	50·5	12·7	—	17·0	14·9	24·4	9·9	31·5	4, 8	4·0	24	51	—	37
Mean	749·86	753·9	746·2	22·4	—	26·4	24·4	33·8	14·9	—	—	—	—	40	—	33

swan for the year 1905.

eter above sea-level 99·6 metres. Mean reduction to sea-level 8·6 mm. Mean correction to mean gravity—1·3 mm.

POUR TENSION (mm.)			CLOUDS (0—10)				RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
6·3	6·2	6·0	0·6	0·6	0·1	0·4	—	—	—	—	—	67·0	8·0	—	1·0	—	—	—	17·0	—
6·0	5·7	5·7	1·6	1·4	1·3	1·4	—	—	—	—	—	64·0	9·0	2·0	1·0	—	2·0	—	6·0	—
7·0	7·1	6·8	1·2	1·3	0·5	1·0	—	—	—	—	—	69·0	5·0	—	2·0	1·0	10·0	—	6·0	—
8·5	8·3	8·3	0·1	0·4	0·0	0·2	—	—	—	—	—	66·0	5·0	—	1·0	—	14·0	—	4·0	—
20·6	16·2	17·2	0·1	0·5	0·0	0·2	—	—	—	—	—	63·0	8·0	—	2·0	—	14·0	—	6·0	—
16·5	14·5	14·5	0·1	0·0	0·0	0·0	—	—	—	—	—	63·0	10·0	1·0	3·0	—	4·0	—	9·0	—
10·1	10·8	10·6	0·0	0·0	0·0	0·0	—	—	—	—	—	64·0	5·0	1·0	2·0	—	11·0	—	10·0	—
9·8	9·8	10·1	0·0	0·2	0·0	0·1	—	—	—	—	—	53·0	10·0	—	2·0	—	10·0	—	18·0	—
14·2	12·8	13·3	0·0	0·0	0·0	0·0	—	—	—	—	—	60·0	2·0	—	1·0	—	18·0	—	9·0	—
15·7	14·3	14·6	0·0	0·2	0·3	0·2	—	—	—	—	—	66·0	4·0	1·0	1·0	—	6·0	—	15·0	—
20·0	11·7	15·7	0·5	0·7	0·0	0·4	—	—	—	—	—	65·0	2·0	—	2·0	—	3·0	—	18·0	—
9·1	7·3	7·7	0·1	0·1	0·0	0·1	—	—	—	—	—	84·0	3·0	—	—	—	—	—	6·0	—
12·0	10·6	10·9	0·4	0·4	0·2	0·3	—	—	—	—	—	784·0	71·0	5·0	18·0	1·0	92·0	—	124·0	—

Vadi Halfa for the year 1905.

neter above sea-level 128·3 metres. Mean reduction to sea-level +11·0 m.m. Mean correction to mean gravity—1·4 m.m.

POUR TENSION (mm.)			CLOUDS (0—10)				RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded as:								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum of 1 day Amount	Maximum of 1 day Day	> 0·1 mm. of rain	> 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
—	6·2	5·7	2·5	—	0·3	1·4	—	—	—	—	—	31·0	20·0	6·0	3·0	—	1·0	—	1·0	—
—	4·0	4·1	2·7	—	2·8	2·8	—	—	—	—	—	23·0	25·0	1·0	2·0	—	—	—	5·0	—
—	6·9	6·4	0·2	—	0·5	0·3	—	—	—	—	—	17·0	34·0	3·0	—	—	2·0	—	1·0	5
—	10·0	9·4	0·1	—	0·0	0·1	—	—	—	—	—	37·0	19·0	—	—	1·0	—	—	3·0	—
—	11·8	11·4	0·2	—	0·1	0·2	—	—	—	—	—	35·0	10·0	—	—	1·0	—	1·0	6·0	9
—	12·8	12·7	0·2	—	0·0	0·1	—	—	—	—	—	31·0	19·0	—	—	—	—	—	7·0	3
—	8·6	8·2	0·0	—	0·0	0·0	—	—	—	—	—	19·0	18·0	—	—	2·0	—	2·0	3·0	18
—	10·8	10·4	0·1	—	0·0	0·0	—	—	—	—	—	26·0	11·0	—	—	—	1·0	—	5·0	19
—	11·4	10·8	0·2	—	0·2	0·2	—	—	—	—	—	9·0	18.0	—	—	—	—	—	14·0	19
—	9·7	9·4	0·0	—	0·0	0·0	—	—	—	—	—	22·0	38·0	1·0	—	—	—	—	1·0	—
—	7·9	8·0	0·3	—	0·0	0·2	—	—	—	—	—	11·0	23·0	—	—	—	—	—	8·0	18
—	5·4	5·5	0·0	—	0·1	0·0	—	—	—	—	—	18·0	33·0	—	—	—	—	—	11·0	—
—	8·8	8·5	0·5	—	0·3	0·4	—	—	—	—	—	279·0	268·0	11·0	5·0	4·0	4·0	3·0	65·0	91

Summary of Meteorological Observat

Latitude 18° 29′ 24″ N. Longitude 31° 49′ 33″ E. of Gree

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity (%			
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	M
1905																	
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
April...	737·97	743·3	734·1	25·5	35·5	29·0	27·8	36·6	19·0	42·2	26	14·0	2, 3	14	5	11	
May	36·03	41·6	32·0	30·3	39·8	33·3	31·9	40·6	24·2	45·0	30	18·0	5, 11	14	5	11	
June	35·17	38·1	31·2	33·4	42·5	36·9	35·0	43·3	27·0	46·0	3	23·0	25	13	6	10	
July	35·67	39·2	33·3	32·6	40·4	35·7	33·8	41·2	26·5	42·5	several dates.	24·0	17	19	9	13	
August	35·22	38·0	31·9	32·4	40·8	36·2	34·3	41·6	27·9	44·5	18, 19,	25·0	21	22	9	13	
September	35·93	39·8	32·7	30·6	39·0	33·7	32·4	39·8	25·9	42·5	6	22·5	17	26	13	18	
October	36·81	40·5	33·5	29·4	38·2	31·7	30·8	38·8	23·9	43·0	6	17·0	27	24	10	18	
November...	38·78	41·6	34·1	25·4	34·1	28·2	27·0	34·7	20·3	37·5	2, 12	14·0	19	31	16	24	
December...	41·05	46·7	36·9	18·2	27·7	21·9	20·3	28·1	13·6	37·0	3	5·5	23	32	19	28	
Mean	736·96	741·0	733·3	28·7	37·6	31·8	30·3	38·3	23·2	—	—	—	—	22	10	16	

Summary of Meteorological Observati

Latitude 18° 1′ 0″ N. Longitude 34° 4′ 0″ E. of Green

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity (%)			
	Mean	Maximum	Minimum	8 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	M
1905																	
January.	732·46	735·9	729·6	16·4	21·9	19·2	29·8	13·8	35·5	3, 5	9·0	26, 28	44	—	28	
February	32·51	36·1	28·3	16·0	22·2	19·1	29·3	12·6	38·0	16	7·0	11	46	—	38	
March	33·39	34·9	26·8	21·0	25·6	23·3	32·8	15·0	41·0	6	9·0	13	41	—	38	
April...	29·92	34·4	26·7	26·2	29·8	28·0	37·1	19·2	40·5	24	13·5	3	27	—	18	
May	28·51	32·4	25·0	31·2	33·8	32·5	41·2	24·6	46·0	30	18·0	12	18	—	14	
June...	27·55	30·0	24·4	33·2	36·7	34·9	43·5	27·4	46·0	4	24·0	13, 23	29	—	18	
July	27·83	30·4	25·0	31·7	36·2	33·9	42·2	27·0	44·0	several dates.	25·0	several dates.	41	—	24	
August	27·86	30·6	25·2	31·1	36·0	33·5	41·6	27·7	44·0	6, 7	24·0	21, 22	50	—	38	
September	28·52	31·7	26·0	31·2	34·1	32·6	41·1	26·5	44·0	13, 15	22·0	29	47	—	42	
October.	29·45	32·2	27·2	29·9	32·1	31·0	39·6	24·0	43·0	6	20·0	30	40	=	34	
November	31·24	34·3	27·8	26·3	29·0	27·6	35·8	22·5	39·0	1	18·0	18	43	—	33	
December	33·98	39·3	29·3	18·4	23·3	20·9	29·4	15·4	38·0	2	8·0	23	60	—	44	
Mean...	730·05	733·5	726·8	26·0	30·0	28·0	37·0	21·3	—	—	—	—	40	—	31	

Merowe for the year 1905.

meter above sea-level 255·1 metres. Mean reduction to sea-level + 21·3 mm. Mean correction to mean gravity — 1·6 mm.

Vapour Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2·4	3·2	3·0	0·8	1·4	0·2	0·8	0·0	0·0	—	—	—	28·5	50·5	—	—	—	—	1·0	9·0	1
3·3	4·5	4·3	2·0	2·4	1·5	2·0	0·0	0·0	—	—	—	24·0	36·0	2·0	6·0	10·0	5·0	4·0	6·0	—
3·7	4·8	4·4	1·6	2·2	1·4	1·7	0·0	0·0	—	—	—	9·5	49·5	5·0	3·0	3·0	8·0	4·0	8·0	—
5·1	5·8	5·9	3·1	3·3	1·5	2·6	0·0	0·0	—	—	—	14·0	30·5	2·0	3·0	2·0	14·0	6·0	21·5	—
5·2	6·0	6·4	4·4	4·1	2·8	3·8	0·0	0·0	—	—	—	21·0	35·0	—	7·0	2·0	15·0	1·0	12·0	—
6·6	7·1	7·4	3·7	4·0	2·3	3·4	5·6	3·0	23	3	2	17·0	29·0	2·0	5·0	1·0	9·0	2·0	25·0	—
4·8	6·4	6·2	2·1	2·9	1·2	2·0	0·1	0·1	1	—	—	12·0	61·0	3·0	3·0	—	2·0	2·0	10·0	—
6·5	7·0	7·1	2·0	2·2	1·1	1·8	0.5	0·5	21	1	—	15·5	63·0	1·0	—	—	2·0	—	8·5	—
5·7	5·9	5·7	2·6	2·4	0·7	1·9	0·0	0·0	—	—	—	20·5	66·5	—	—	—	1·0	—	4·0	1
4·8	5·6	5·6	2·5	2·8	1·4	2·2	Total 6·2	—	—	—	—	162·0	421·0	15·0	27·0	18·0	56·0	20·0	104·0	2

Berber for the year 1905.

meter above sea-level 350·0 metres. Mean reduction to sea-level + 29·0 mm. Mean correction to mean gravity — 1·6 mm.

Vapour Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
—	5·9	6·2	0·6	—	0·1	0·4	—	—	—	—	—	48·0	5·0	2·0	—	—	—	—	6·0	1
—	8·4	7·6	0·9	—	0·5	0·7	—	—	—	—	—	35·0	4·5	—	—	—	—	—	16·5	—
—	9·2	8·4	1·8	—	1·4	1·6	—	—	—	—	—	37·5	7·5	2·0	—	—	—	2·0	13·0	—
—	5·8	6·4	0·5	—	0·3	0·4	—	—	—	—	—	38·0	3·5	8·5	—	—	—	—	10·0	—
—	5·5	6·0	2·0	—	1·6	1·8	—	—	—	—	—	31·5	6·0	9·0	1·0	6·0	1·0	4·5	3·0	—
—	8·6	9·8	2·1	—	1·5	1·8	—	—	—	—	—	13·5	3·0	10·0	1·0	7·0	8·0	12·0	5·5	—
—	10·9	12·5	2·7	—	2·1	2·4	—	—	—	—	—	13·0	3·0	—	5·0	6·0	20·5	7·5	7·0	—
—	16·5	16·5	3·4	—	3·1	3·2	—	—	—	—	—	5·0	—	—	4·0	14·0	24·0	12·0	3·0	—
—	15·8	16·0	3·5	—	2·9	3·2	—	—	—	—	—	14·0	3·5	10·5	11·0	4·0	10·0	2·0	5·0	—
—	12·1	12·4	0·8	—	1·1	1·0	—	—	—	—	—	15·5	12·0	14·0	11·0	1·0	2·0	2·0	4·5	—
—	9·6	10·2	0·6	—	0·8	0·7	—	—	—	—	—	21·0	21·0	4·0	2·0	—	1·0	—	11·0	—
—	9·7	9·8	0·2	—	0·3	0·2	—	—	—	—	—	33·0	8·5	1·5	—	—	—	—	19·0	—
—	9·8	10·2	1·6	—	1·3	1·4	Total —	—	—	—	—	305·0	77·5	61·5	35·0	38·0	66·5	42·0	103·5	1

Summary of Meteorological Observa

Latitude 15° 28′ 0″ N. Longitude 36° 24′ 0″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	—	—	—	19·6	—	23·4	21·5	34·0	15·4	38·3	6	8·9	25	52	—	36
February	—	—	—	20·4	—	24·5	22·5	33·5	16·7	37·8	several dates	11·1	28	52	—	36
March	—	—	—	23·4	—	25·8	24·6	36·4	16·8	43·3	6	11·1	15, 24	37	—	28
April	—	—	—	28·5	—	29·9	29·2	39·9	21·1	42·2	10	12·8	3	44	—	33
May	—	—	—	32·4	—	33·1	32·7	41·7	26·4	43·9	2, 3	22·2	6, 11, 25	44	—	39
June	—	—	—	30·0	—	32·6	31·3	39·8	25.8	43·3	3	22·2	29	56	—	46
July	—	—	—	26·6	—	29·9	28·2	35.3	23·4	38·9	6	20·6	3	74	—	64
August	—	—	—	25·6	—	28·8	27.2	34·3	22.9	37.8	5	18.9	21	73	—	62
September	716·30	720·1	712·7	27·4	35·0	29·9	28·9	36.3	23.1	40.0	25, 30	20.0	2	65	37	52
October	15·90	18·8	12·2	30·1	37·6	30·0	29·9	38·8	22·3	41·5	7	18.5	6, 18	41	21	35
November	16·64	20·7	13·1	28·1	35·9	28·5	28·6	37·0	21·8	40·0	3, 4	18.0	26	46	22	36
December	17·41	20·8	14·3	23·1	33·4	25·1	24·4	33·8	16·0	38·0	2, 3	10·5	23	55	24	36
Mean...	—	—	—	26·3	[—]	28·5	27.4	36.7	21·0	—	—	—	—	53	[—]	42

Summary of Meteorological Observa

Latitude 15° 36′ 33″ N. Longitude 32° 33′ 0″ E. of Gree

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	728·48	732·5	725·3	18·8	31·1	22·4	21·8	32·8	14·8	37·5	5	9.0	26, 28	39	20	34
February	28·89	33·2	25·3	18·8	31·0	22·1	21·6	32·7	14·5	39·5	16, 17	8·5	11	29	23	38
March	27·03	32·0	22·2	23·1	34·7	25·3	25·0	36·6	16·5	43·5	7	11·0	14	24	16	28
April	26·35	31·2	22·4	27·8	38·3	29·6	28·8	40·0	19·5	42·0	several dates	13·5	3	25	20	30
May	25·36	29·4	21·7	31·4	40·0	32·2	31·9	41·4	24·2	44·5	2, 28, 29	18·0	11	29	17	31
June	24·81	29·1	21·2	31·8	40·8	34·4	33·4	42·2	26·6	45·5	14	21·5	9, 11	40	18	29
July	25·74	29·0	22·7	29·6	38·2	33·3	31·8	39·5	26·0	43·0	6	22·5	19	50	25	33
August	25·67	29·3	23·2	28·8	36·2	32·0	30·7	36·8	25·6	41·0	30, 31	21·5	16	51	30	37
September	25·20	29·5	21·1	30.1	38·4	32·3	31·6	39·6	25·7	43·0	1	21·5	8	48	26	40
October	25·74	28·8	22·1	30·0	38·2	31·3	30·8	39·4	23·7	42·0	5, 9	20·5	26, 30	38	22	36
November	27·00	31·1	18·7	27·2	35·9	29·1	28·5	37·0	21·7	40·5	12, 13	18·0	16, 30	40	25	37
December	28·66	33·0	24·7	21·0	31·6	23·3	22·8	32·5	15·4	39·0	3	8·3	24	38	22	32
Mean...	726·58	730·7	722·6	26·6	36·2	29·0	28·2	37·6	21·2	—	—	—	—	38	22	34

assala for the year 1905.

eter above sea level 509·0 metres. Mean reduction to sea level + 42·2 mm. Mean correction to mean gravity—1·7 mm.

ur Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
—	7·6	8·3	0·0	—	0·0	0·0	0·0	0·0	—	—	—	8·0	18·0	—	—	—	—	—	—	36
—	8·2	8·8	0·0	—	0·0	0·0	0·0	0·0	—	—	—	16·0	9·0		—	—	—	—	—	31
—	7·0	7·6	2·1	—	1·6	1·8	0·0	0·0	—	—	—	37·0	10·0	—	—	—	—	—	—	15
—	10·4	11·5	4·7	—	4·7	4·7	0·0	0·0	—	—	—	13·0	8·0	6·0	—	2·0	—	—	—	31
—	14·4	15·2	4·4	—	7·1	5·8	1·5	1·5	30	1	1	14·0	—	7·0	4·0	30·0	—	2·0	—	5
—	16·4	17·0	3·6	—	6·0	4·8	29·9	16·8	30	6	6	2·0	—	—	7·0	50·0	—	1·0	—	—
—	20·1	19·5	3·9	—	7·0	5·4	92·6	39·0	2	4	4	—	1·0	3·0	8·0	47·0	—	3·0	—	—
—	18·2	17·9	5·8	—	8·1	7·0	127·2	28·5	15	7	7	—	—	—	20·0	42·0	—	—	—	—
14·8	15·9	15·8	3·7	3·1	5·2	4·0	126·3	83·2	1	6	5	0·5	0·5	—	23·0	50·5	9·5	4·0	—	2
10·1	10·9	11·2	2·3	2·9	2·6	2·6	0·0	0·0	—	—	—	20·0	1·5	7·5	11·5	37·0	5·0	—	7·5	3
9·6	10·2	10·9	3·1	3·8	2·5	3·2	0·0	0·0	—	—	—	16·5	15·5	6·0	8·5	13·5	5·5	1·0	19·5	4
9·0	8·5	9·6	1·4	1·2	1·4	1·3	0·0	0·0	—	—	—	61·5	13·5	5·0	2·0	1·0	—	—	5·0	5
—|	12·3	12·8	2·9	—|	3·8	3·4	Total 377·5	—	—	—	—	188·5	77·0	34·5	84·0	273·0	20·0	11·0	32·0	132

Khartoum for the year 1905

neter above sea-level 382·9 metres. Mean Reduction to sea-level + 31·5 mm. Mean Correction to mean gravity— 1·7 mm.

our Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
7·5	6·9	7·0	0·1	0·1	0·1	0·1	0·0	0·0	—	—	—	61·5	26.0	1·0	—	—	—	—	3·5	1
7·9	7·6	6·8	0·7	1·1	1·6	1·1	0·0	0·0	—	—	—	40·0	41.0	—	—	—	—	—	3·0	—
7·2	6·8	6·4	1·9	3·0	1·8	2·2	0·0	0·0	—	—	—	37·0	55·0	—	—	—	—	—	1·0	—
9·6	9·0	8·6	0·4	1·0	0·9	0·8	0·0	0·0	—	—	—	39·0	40·0	1·0	1·0	—	—	—	7·0	2
9·2	11·0	10·1	3·3	3·4	2·8	3·2	5·9	4·5	18	3	1	29·0	7·0	3·0	1·0	13·0	11·0	1·0	15·0	13
10·4	11·1	11·7	4·7	3·9	4·1	4·2	16·5	14·0	16	2	2	6·0	1·0	1·0	2·0	22·0	37·0	9·0	4·0	8
12·4	12·4	13·3	4·0	4·0	5·4	4·5	8·2	5·0	18	3	3	—	1·0	—	—	42·0	46·0	2·0	—	2
12·8	13·0	13·6	5·2	5·5	5·3	5·4	75·2	32·0	20	8	6	—	—	—	—	8·0	78·0	—	—	7
12·7	13·9	13·9	4·0	4·4	5·7	4·7	2·0	2·0	21	1	1	4·0	2·0	1·0	1·0	17·0	30·0	3·0	5·0	27
11·3	12·2	12·0	2·4	3·7	3·5	3·2	5·8	3·5	12	2	2	29·0	11·0	—	—	13·0	14·0	5·0	3·0	18
11·2	11·2	11·0	2·2	2·0	2·1	2·0	0·0	0·0	—	—	—	57·0	8·0	3·0	1·0	—	1·0	—	1·0	19
7·7	7·0	7·4	1·1	0·8	0·4	0·7	0·0	0·0	—	—	—	88·5	3·5	1.0	—	—	—	—	—	—
10·0	10·2	10·1	2·5	2·7	2·8	2·6	Total 113·6	—	—	—	—	391·0	195·5	11·0	6·0	115·0	217·0	20·0	42·5	97

Summary of Meteorological Observa

Latitude 19° 7′ 0″ N. Longitude 37° 20′ 0″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	762·84	766·9	755·9	23·3	24·8	23·2	22·9	29·7	[20·0]	32·5	several dates	15·0	28	76	74	76
February	63·10	67·0	58·0	21·2	23·2	21·4	20·9	24·9	17·9	29·0	2	15·0	10, 28	61	63	66
March	60·49	63·8	56·0	23·7	25·5	24·1	22·9	26·8	18·1	30·5	21	13·5	4	60	62	62
April	60·15	64·8	55·6	26·8	28·0	27·0	25·8	29·2	21·7	33·0	16, 21	16·5	9	61	62	62
May	57·77	61·1	55·1	31·1	31·9	31·1	29·6	33·6	[24·1]	38·0	22	21·2	6	51	52	52
June	55·99	58·8	53·1	34·3	35·5	34·8	32·8	40·3	26·2	48·0	27, 28	22·0	22	45	45	44
July	54·89	57·3	52·7	36·7	37·2	34·6	34·1	44·6	28·0	48·3	2	25·2	28	36	37	37
August	54·69	57·7	51·5	36·5	38·1	34·5	34·7	43·4	29·9	47·0	19	27·5	20, 23	58	61	64
September	56·91	60·8	52·8	33·7	33·9	32·5	31·0	37·6	24·1	47·5	2	19·0	28	70	71	78
October	60·24	62·7	58·3	31·0	30·8	31·0	27·7	33·7	18·0	37·0	6	15·5	20	65	67	66
November	61·80	66·4	52·4	27·3	27·3	27·4	24·7	30·9	16·6	32·5	several dates.	13·0	17	74	74	74
December	63·51	66·1	59·1	24·6	24·6	24·5	22·0	27·7	14·3	31·0	2	11·0	23	67	69	68
Mean	759·36	762·8	755·0	29·2	30·1	28·8	27·4	33·6	21·6	—	—	—	—	60	64	62

Summary of Meteorological Observat

Latitude 19° 37′ 0″ N. Longitude 37° 13′ 0″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	755·68	757·7	753·8	35·4	36·5	31·8	32·5	40·2	26·6	43·6	20	23·5	16	43	59	62
August	55·24	57·5	52·5	36·5	37·2	32·5	33·8	41·1	28·9	46·5	19	26·5	3	44	53	63
September	57·32	64·3	53·4	33·6	34·5	31·8	31·1	37·5	24·4	43·5	4	14·0	15	54	53	60
October	59·85	65·4	57·0	31·7	32·3	29·5	28·7	34·5	21·4	37·0	6	17·0	20	69	73	79
November	[61·51]	[66·1]	[58·2]	[29·3]	[30·4]	[28·3]	[26·8]	[32·3]	[19·0]	[34·5]	8	[15·5]	20, 23	[70]	[92]	[94]
December	[63·90]	[66·7]	[60·0]	—	[24·2]	[21·7]	—	[26·6]	[16·2]	[29·5]	16	[11·5]	28	—	[62]	[70]
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Suakin for the year 1905.

meter above sea-level 4·5 metres. Mean reduction to sea-level +0·4 mm. Mean correction to mean gravity—1·6 mm.

Vapour Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
								Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.									
										of rain										
	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Amount	Day			N	NE	E	SE	S	SW	W	NW	Calm
2	17·4	16·2	16·6	7·8	3·7	3·2	4·9	17·0	15·0	22	2	2	34·5	3·0	8·0	—	6·0	—	24·0	16·5	1
5	13·5	12·6	12·5	5·4	3·8	5·1	4·8	3·3	3·3	8	1	1	21·5	12·5	2·5	—	—	—	10·0	37·5	—
2	15·0	13·9	14·0	1·1	0·5	0·7	0·8	0·0	0·0	—	—	—	23·0	4·5	4·5	2·0	3·0	—	10·0	44·0	2
0	17·4	16·4	16·6	0·5	0·3	0·3	0·4	0·0	0·0	—	—	—	40·0	5·0	1·0	—	—	—	5·0	39·0	—
7	18·0	17·1	17·2	0·6	0·3	0·2	0·3	0·0	0·0	—	—	—	45·0	8·0	4·0	1·0	—	—	1·0	34·0	—
1	19·4	18·1	18·5	0·6	0·2	0·2	0·3	0·0	0·0	—	—	—	36·0	7·0	5·0	1·0	1·0	—	11·0	29·0	—
5	21·5	20·3	20·1	1·6	1·2	1·4	1·4	0·0	0·0	—	—	—	25·5	8·5	6·5	6·0	6·5	6·5	7·0	26·5	—
9	29·8	25·7	27·1	1·8	0·8	0·9	1·2	0·0	0·0	—	—	—	20·5	12·5	5·0	8·5	2·5	13·0	10·5	20·5	—
5	28·3	28·8	28·2	0·0	0·0	0·0	0·0	0·0	0·0	—	—	—	34·0	6·5	5·5	9·0	16·0	2·0	4·0	13·0	—
·7	22·0	21·9	21·9	0·3	0·3	0·2	0·2	0·0	0·0	—	—	—	73·0	4·0	6·0	2·0	2·0	—	5·0	1·0	—
·2	20·1	20·2	20·2	3·1	2·7	2·8	2.9	43·2	6·5	6	9	9	21·0	1·0	9·0	—	2·0	—	57·0	—	—
·6	15·7	15·7	15·6	4·5	3·7	3·9	4·0	0·0	0·0	—	—	—	13·0	—	—	—	—	—	73·0	7·0	—
·4	19·8	18·9	19·0	2·3	1·5	1·6	1·8	Total 63·5	—	—	—	—	387·0	72·5	57·0	29·5	39·0	21·5	217·5	268·0	3

Port Sudan for the year 1905.

ometer above sea-level 5·9 metres. Mean Reduction to sea-level +0·5 mm. Mean Correction to mean gravity—1·5 mm.

Vapour Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
								Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.									
										of rain										
h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Amount	Day			N	NE	E	SE	S	SW	W	NW	Calm
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
·1	23·0	21·4	20·8	1·0	1·6	1·3	1·3	—	—	—	—	—	9·0	13·0	15·0	7·5	0·5	0·5	1·0	1·5	3
·7	24·3	23·0	22·3	1·2	1·1	1·4	1·2	—	—	—	—	—	10·5	19·0	12·5	15·0	7·0	3·5	5·0	12·5	2
·9	21·2	20·7	20·6	0.0	0·0	0·0	0·0	—	—	—	—	—	8·0	27·0	30·0	9·0	7·0	2·0	2·0	4·0	1
·7	26·1	24·0	24·6	0·7	0·4	0·6	0·2	—	—	—	—	—	21·0	17·0	42·0	3·0	2·0	1·0	6·0	1·0	—
·1]	[29·5]	[27·1]	[27·9]	[1·9]	[1·5]	[1·5]	[1·6]	—	—	—	—	—	[30·0]	[5·5]	[44·5]	[1·0]	[2·0]	[1·0]	[1·0]	[1·0]	—
—	[13·6]	[13·4]	—	[5·2]	[4·4]	[4·6]	[4·8]	—	—	—	—	—	[36·0]	—	[6·0]	—	—	—	[6·0]	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observa

Latitude 12° 47′ 30″ N. Longitude 36° 9′ 30″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	[-0·60]	[2·8]	[-3·3]	[25·9]	[32·7]	[22·8]	[25·2]	[33·5]	[19·6]	[35·1]	22	[16·5]	23	[65]	[34]	[76]
November	-0·10	3·2	-4·1	26·2	31·8	23·2	24·5	34·6	16·7	37·4	12	12·9	26	55	34	63
December	-0·07	8·0	-3·9]	24·0	33·7	23·9	24·0	34·8	14·6	37·0	6, 8	10·5	18	39	22	44
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observa

Latitude 11° 51′ 22″ N. Longitude 34° 23′ 10″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January...	722·03	725·3	719·0	21·5	—	26·6	24·0	36·2	14·5	41·0	5	9·8	26	40	—	39
February	22·02	25·9	17·6	22·1	—	28·4	25·2	37·1	16·7	42·0	16	13·0	28	28	—	28
March	20·15	24·4	16·5	25·3	—	28·6	27·0	39·4	16·7	43·5	5	11·0	1	19	—	28
April	19·92	23·9	16·4	30·1	—	31·0	30·6	42·2	19·6	44·0	9, 22, 30	14·5	3	12	—	15
May	20·54	23·8	16·3	30·0	—	30·4	30·2	39·2	23·7	43·0	1, 7, 10	19·5	11	39	—	37
June	21·17	23·6	17·8	26·0	—	27·2	26·6	35·1	22·9	40·0	2	20·0	5, 10	68	—	68
July	21·69	24·2	19·2	23·8	—	26·2	25·0	32·1	22·3	36·0	6	20·0	8, 9	82	—	79
August	21·51	24·5	18·9	23·9	—	24·8	24·3	32·3	21·7	39·0	7	19·5	28, 31	84	—	83
September	21·27	24·5	17·6	24·4	—	24·2	24·3	33·4	20·4	37·5	26	18·5	12	80	—	85
October	20·44	23·9	17·6	26·2	—	25·2	25·7	36·7	19·7	38·5	several dates	15·5	27	65	—	71
November	20·48	23·5	17·4	26·2	—	26·5	26·4	37·2	19·2	39·0	9	16·0	17, 26	54	—	52
December	20·60	23·9	17·4	23·4	—	26·6	25·0	36·2	16·2	40·0	6	11·0	18	34	—	33
Mean...	720·98	724·3	717·6	25·2	—	27·1	26·2	36·4	19·5	—	—	—	—	50	—	51

Gallabat for the year 1905.

ometer above sea-level 710·0 metres. Mean Reduction to sea-level +58·4 mm. Mean Correction to mean gravity —1·7 mm.

Vapour Tension (mm.)				Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2]	[12·4]	[15·8]	[14·8]	[2·2]	[4·2]	[4·7]	[3·7]	118·0	75·0	13	4	4	[0·5]	[4·5]	[1·5]	[6·5]	[7·0]	[18·0]	[3·5]	[3·5]	—
6	11·5	13·1	12·8	1·9	3·6	3·4	3·0	6·3	6·3	5	1	1	4·0	3·0	3·0	14·0	22·0	19·0	13·0	12·0	—
1	8·8	9·4	9·1	0·1	1·6	0·2	0·6	0·0	0·0	—	—	—	6·0	3·0	1·0	12·0	4·0	22·0	8·0	36·0	1
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Roseires for the year 1905.

rometer above sea-level 466·9 metres. Mean Reduction to sea-level +39·0 mm. Mean Correction to mean gravity —1·8 mm.

Vapour Tension (mm.)				Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0.1 mm. of rain	≥ 1.0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
9	—	10·0	8·9	1·6	—	1·2	1·4	0·0	0·0	—	—	—	33	4	2	—	1	3	—	19	—
7	—	8·2	6·9	2·3	—	1·2	1·8	0·0	0·0	—	—	—	26	1	—	—	4	1	3	20	1
6	—	8·2	6·4	2·6	—	0·8	1·7	0·0	0·0	—	—	—	23	4	3	1	3	4	11	12	1
8	—	5·0	4·4	2·8	—	1·5	2·1	0·0	0·0	—	—	—	30	2	—	—	19	5	—	3	1
5	—	11·1	11·3	5·1	—	3·7	4·4	65·5	30·5	17	9	7	6	1	1	2	38	8	1	4	1
8	—	17·9	17·3	7·6	—	5·5	6·6	178·9	69·0	7	14	13	—	5	2	1	42	5	3	—	2
9	—	19·8	18·9	8·1	—	5·1	6·6	206·8	66·0	2	18	13	4	—	4	2	41	3	2	1	5
4	—	19·2	18·8	7·6	—	6·9	7·2	160·3	42·0	27	20	16	8	—	5	7	37	3	2	—	—
1	—	19·1	18·6	6·4	—	5·5	5·9	134·2	57·0	11	9	9	6	1	7	5	37	3	—	—	1
4	—	16·7	16·6	4·2	—	4·4	4·3	65·5	40·0	11	7	6	7	2	1	6	39	4	3	—	—
2	—	13·4	13·3	2·1	—	2·6	2·4	24·5	16·5	5	2	2	16	2	5	1	33	—	2	1	—
4	—	8·5	8·0	0·5	—	0·5	0·5	0·0	0·0	—	—	—	41	—	2	—	3	2	6	8	—
8	—	13·1	12·5	4·2	—	3·2	3·7	Total 835·7	—	—	—	—	200	22	32	25	297	41	33	68	12

Summary of Meteorological Observa

Latitude 14° 24′ 0″ N. Longitude 33° 31′ 0″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	727.15	730·1	724·5	20·2	—	24·9	22·5	34·0	14·8	38·5	several dates	9, 5	26	31	—	26
February	27.10	30·3	22·4	20·0	—	26·5	23·2	34·0	13·2	40·5	17	9, 5	several dates	21	—	19
March	25·02	29·9	21·0	25·1	—	28·7	26·9	38·4	13·5	47·5	28	9, 5	14	11	—	17
April	24·20	28·5	21·0	29.5	—	32·1	30·8	40·8	13·9	44·5	15, 22	11, 5	several dates	8	—	16
May	23·99	27·7	20·5	31·0	—	33·4	32·2	42·1	19·2	45·0	2, 3	12, 5		24	—	24
June	24·16	27·3	21·3	29·8	—	32·3	31.1	41·1	22.2	43·0	several dates	17.5	10	45	—	42
July	25·28	29·1	22.2	27·4	—	30·4	28·9	37·1	23·2	42·0	7, 19	20, 5	4, 17	54	—	53
August	25·44	28·4	22·5	26·5	—	29.7	28·1	37·2	20·8	39·0	several dates	17, 5	14, 16	60	—	53
September	25·60	28·3	23·1	27·4	—	29·9	28·6	37·6	22·0	42·0		19, 0	several dates	59	—	57
October	25·24	28·1	22·8	28·7	—	30·4	29·6	39·3	23·0	42·0		20, 0	24	44	—	47
November	25·75	28·9	22·6	27·1	—	29·0	28·1	37·7	20·9	39·0		18, 0	several dates	36	—	37
December	26·88	30·3	23·4	21·7	—	25·6	23·7	34·2	16·3	39·0	5, 7	9, 5	23	36	—	28
Mean	725·48	728·9	722·3	26·2	—	29·4	27·8	37·8	18·6	—	—	—	—	36	—	35

Summary of Meteorological Observa

Latitude 13° 59′ 31″ N. Longitude 32° 20′ 0″ E. of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	728·76	732·4	724·4	19·2	—	22·4	21·8	32·2	14·3	37·5	4	10·0	25	38	—	30
February	27·96	32·0	24·2	20·0	—	22·5	21·2	32·9	14·6	40·0	17	10·2	11	51	—	52
March	27·53	31·6	21·8	25·8	—	24·8	25·3	36·1	17·2	42·5	7	12·0	14	39	—	40
April	27·19	31·5	25·2	29·6	—	27·0	28·3	39·0	19·4	42·0	22, 27	15·5	2, 3	32	—	41
May...	26·27	29·3	23·8	30·1	—	31·0	30·5	40·4	23·3	43·0	13	19·0	1, 12	45	—	40
June	26·37	29·4	22·5	30·3	—	31·6	31·0	39·8	24·6	43·5	3, 14	21·0	30	64	—	60
July	27·23	31·5	23·8	28·3	—	29·8	29·0	37·0	23·7	41·4	6	20·0	22	72	—	68
August	27·44	31·0	24·8	26·2	—	28·9	27·5	35·2	22·6	38·5	5	20·0	16	78	—	70
September	27·08	29·9	23·8	28·4	—	29·5	29·0	36·9	24·0	40·5	15, 29	20·0	21	68	—	68
October	27·07	30·0	23·7	29·1	—	29·9	29·5	38·1	23·3	41·5	8, 9	19·0	31	57	—	53
November	27·35	30·0	24·6	28·6	—	28·7	28·6	37·1	21·7	42·0	4	18·0	25, 27, 28	53	—	48
December	29·34	33·4	25·9	22·7	—	23·6	23·2	32·4	16·8	38·0	4	10·0	23	58	—	51
Mean	727·47	730·9	724·0	26·5	—	27·5	27·0	36·4	20·4	—	—	—	—	55	—	52

Wad Medani for the year 1905

meter above sea-level 407·6 metres. Mean Reduction to sea-level + 34·1 mm. Mean Correction to mean gravity — 1·7 mm.

Vapour Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
								Maximum 1 day		≥ 0·1 mm. of rain	≥ 1·0 mm. of rain									
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Amount	Day			N	NE	E	SE	S	SW	W	NW	Calm
—	6·2	5·9	2·1	—	2·7	2·4	0·0	0·0	—	—	—	30·0	2·0	—	—	—	—	29·0	1·0	—
—	5·0	4·4	2·4	—	2·9	2·6	0·0	0·0	—	—	—	29·0	—	—	—	—	—	27·0	—	—
—	5·2	3·9	2·2	—	2·4	2·3	0·0	0·0	—	—	—	25·0	6·0	—	—	—	—	31·0	—	—
—	5·7	4·2	2·0	—	2·0	2·0	0·0	0·0	—	—	—	25·0	4·0	—	—	—	—	31·0	—	—
—	9·2	8·8	2·9	—	4·6	3·7	54.2	44·0	30	4	3	13.0	5·0	2·0	—	8·0	5·5	26·0	2·5	—
—	15·3	14·7	4·2	—	5·7	5·0	99·4	21·0	29	11	9	5.0	1·0	1·0	1·0	6·0	27·0	10·0	9·0	—
—	16·9	16·0	1·9	—	1·7	1·8	161·5	63·0	11	7	7	—	—	—	3·0	5·0	25·0	29·0	—	—
—	17·9	16·8	2·2	—	2·0	2·1	291·0	82·0	15	9	9	1·0	—	1·0	—	1·0	30·0	28·0	1·0	—
—	17·8	16·8	1·9	—	2·3	2·1	120·0	56·0	7	5	5	6·0	—	4·0	—	1·0	26·0	23·0	—	—
—	15·2	14·0	1·1	—	1·5	1·3	0·0	0·0	—	—	—	14·0	—	7.0	1·0	2.0	19·0	17·0	2·0	—
—	11·0	10·4	1·1	—	1·3	1·2	9·6	9·0	22	2	1	22·0	4.0	5·0	—	—	4·0	19.0	6·0	—
—	6·9	7·1	1·0	—	1·0	1·0	0·0	0·0	—	—	—	26·0	28·0	—	—	—	—	6·0	2·0	—
—	11·0	10·2	2·1	—	2·5	2·3	Total 735·7	—	—	—	—	196·0	50·0	20·0	5·0	23.0	136·5	276·0	23·5	—

Dueim for the year 1905.

meter above sea-level 383·3 metres. Mean reduction to sea-level + 32·2 mm. Mean correction to mean gravity — 1·7 mm.

Vapour Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction — Number of observations in which the wind direction was recorded as								
								Maximum 1 day		≥ 0·1 mm. of rain	≥ 1·0 mm. of rain									
14 h.	20 h.	Mean	8. h.	14 h.	20 h.	Mean	Total	Amount	Day			N	NE	E	SE	S	SW	W	NW	Calm
—	6·3	6·5	0·0	—	0·0	0·0	0·0	0·0	—	—	—	60·0	—	2·0	—	—	—	—	—	—
—	10·8	9·9	0·0	—	0·0	0·0	0·0	0·0	—	—	—	56·0	—	—	—	—	—	—	—	—
—	9·6	9·7	0·0	—	0·0	0·0	0·0	0·0	—	—	—	61·0	1·0	—	—	—	—	—	—	—
—	10·8	10·4	0·0	—	0·0	0·0	0·0	0·0	—	—	—	58·0	2·0	—	—	—	—	—	—	—
—	13·5	14·0	2·3	—	2·7	2·5	8·0	8·0	17	1	1	17·0	3·0	0·5	5·5	9·5	15·0	3·5	7·0	1
—	20·4	20·4	1·7	—	3·1	2·4	23·1	13·0	29	3	3	—	0·5	2·0	12·5	24·0	19·0	2·0	—	—
—	21·0	20·5	1·9	—	2·3	2·1	22·0	20·0	6	2	2	1·0	—	1·0	12·0	23·0	21·0	3·0	1·0	—
—	20·7	20·2	2·4	—	1·8	2·7	45·4	16·3	5	9	7	1·0	1·0	--	5·0	25·0	24·0	5·5	0·5	—
—	20·6	20·0	1·2	—	1·7	1·5	48·2	43·5	20	4	4	3·0	0·5	2·5	7·5	23·5	16·5	5·5	1·0	—
—	16·6	16·7	0·9	—	1·0	0·9	0·0	0·0	—	—	—	12·5	9·5	2·0	7·0	10·0	5·0	7·0	9·0	—
—	14·0	14·8	0·6	—	0·7	0·6	0·0	0·0	—	—	—	35·0	11·0	5·0	3·0	2·0	0·5	0·5	3·0	—
—	11·4	12·0	0·1	—	0·0	0·0	0·0	0·0	—	—	—	57·0	3·0	1·0	—	—	—	—	1·0	—
—	14·6	14·6	0·9	—	1·1	1·0	Total 146·7	—	—	—	—	361·5	31·5	16·0	52·5	117·0	101·0	27·0	22·5	1

Summary of Meteorological Obser

Latitude 13° 11′ 0″ N. Longitude 30° 14′ 0″ E. of G

Month	Barometric pressure (mm.)			Temperature (Centigrade)										Relative Humid		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h
1905																
January	713·19	716·4	709·6	17·0	28·7	21·2	19·6	—	11·3	—	—	4·4	25	23	12	18
February	13·19	17·0	8·4	17·5	28·8	21·8	20·0	—	11·9	—	—	6·1	2	14	5	11
March	11·60	15·7	8·0	22·3	32·8	25·1	23·6	—	14·2	—	—	8·9	14	12	4	10
April	11·22	15·9	8·1	25·6	35·8	28·2	26·6	—	17·0	—	—	12·8	2	5	6	6
May	10·72	14·3	7·3	28·6	36·9	30·2	29·4	—	21·8	—	—	15·6	10	26	13	21
June	10·72	13·9	6·3	28·4	35·4	30·6	29·6	[36·2]	23·8	39·0	22, 23	20·0	27	48	28	41
July	11·64	15·3	9·1	26·0	32·0	28·0	27·1	35·2	22·5	37·0	6	18·3	14	66	40	57
August...	11·70	15·1	8·6	25·1	30·2	26·9	26·1	31·2	22·1	35·0	24, 31	18·9	7	77	52	6[illegible]
September	10·96	14·0	7·8	26·4	33·2	27·2	27·2	33·8	21·9	37·5	29	20·0	2, 9, 21,	64	34	60
October	11·02	14·6	6·9	27·1	34·4	27·4	27·5	[35·5]	21·1	38·5	8	16·7	31	44	20	4[illegible]
November	12·33	16·2	7·7	26·4	34·0	25·8	26·2	34·1	18·5	35·0	14, 15, 16	13·3	30	23	14	31
December	13·49	18·0	9·3	18·9	29·5	21·2	20·4	—	12·0	—	—	4·4	23	26	12	2[illegible]
Mean	711·82	715·5	708·1	24·1	32·6	26·1	25·3	34·3	18·2	—	—	—	—	36	20	3[illegible]

Summary of Meteorological Obser

Latitude 9° 18′ 30″ N. Longitude 31° 37′ 30″ E. of (

Month.	Temperature (Centigrade)										Relative Humidity		
	8 h.	14 h.	20 h.	Mean	Mean Maximum.	Mean Minimum.	Absolute Maximum.	Date.	Absolute Minimum.	Date.	8 h.	14 h.	20 h.
1905													
January	24·2	—	25·4	24·8	36·8	17·8	41·7	5	13·5	26	20	—	31
February	24·0	—	27·0	25·5	37·4	19·8	42·2	17	17·0	10	15	—	22
March	[27·5]	—	[29·8]	[28·7]	[40·2]	[22·2]	[43·9]	5, 8	[18·5]	25	[20]	—	[21]
April	[31·0]	—	[30·7]	[30·8]	[40·0]	[23·3]	[41·9]	8	[20·0]	1, 7	[28]	—	[28]
May	29·2	—	28·5	28·8	38·7	23·4	42·2	7	20·0	18, 25	56	—	58
June	[26·0]	—	25·7	[25·9]	[33·4]	[21·2]	[38·6]	2, 5, 21	[17·5]	9	[78]	—	78
July	[25·1]	—	[24·5]	[24·8]	[32·8]	[21·4]	[38·1]	5	[19·5]	9, 11, 27	[83]	—	[84]
August...	[25·0]	—	[24·1]	[24·6]	[32·8]	[21·5]	[36·9]	24	[18·5]	12	[84]	—	[89]
September	[25·7]	—	[24·0]	[25·0]	[33·8]	[20·8]	[38·1]	26	[19·0]	3, 27	[85]	—	[91]
October	[26·7]	—	[24·1]	[25·4]	[35·9]	[20·4]	[39·2]	31	[18·0]	18	[74]	—	[82]
November	[27·0]	—	[24·6]	[25·8]	[37·0]	[19·8]	[38·9]	1, 11	[16·5]	28, 30	[67]	—	[74]
December	[25.8]	—	[24·1]	[25·0]	[36·3]	[16·9]	[38·6]	several dates	[13·5]	18, 28	[52]	—	[55]
Mean... ...	26·4		26·0	26·2	36·2	20·7	—	—	—	—	55		60

Obeid for the year 1905.

ter above sea-level 585·0 metres. Mean reduction to sea-level +48·5 m.m. Mean correction to mean gravity—1·7 m.m.

r Tension (mm.)			Clouds (0—10)				Rainfall (mm.)			Days with		Wind Direction Number of observations in which the wind direction was recorded as								
4 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
3·7	3·6	3·6	0·0	0·0	0·0	0·0	0·0	0·0	—	—	—	24·0	18·0	1·0	—	—	—	1·0	49·0	—
1·6	1·9	1·8	0·8	0·4	0·3	0·5	0·0	0·0	—	—	—	25·0	31·0	—	—	—	—	—	28·0	—
1·9	2·6	2·3	0·7	0·6	0·4	0·6	0·0	0·0	—	—	—	24·0	45·0	2·0	—	—	—	1·0	21·0	—
2·8	1·7	1·9	1·2	0·8	0·3	0·8	0·0	0·0	—	—	—	29·0	24·0	1·0	—	—	—	—	36·0	—
6·6	6·7	7·0	2·5	2·2	2·7	2·5	0·5	0·5	27	1	—	17·0	8·0	—	—	6·0	7·0	25·0	30·0	—
11·1	12·8	12·5	2·5	3·3	4·8	3·7	64·1	37·5	27	6	5	8·0	8·0	2·0	—	13·0	9·0	45·0	5·0	—
13·6	15·4	15·0	4·9	3·5	5·0	4·5	162·2	67·5	7	9	8	1·0	1·0	1·0	3·0	2·0	23·0	62·0	—	—
15·9	16·9	16·9	5·3	4·4	6·3	5·3	105·3	29·5	11	10	8	2·0	1·0	3 0	1·0	3·0	17.0	62·0	4·0	—
12·6	15·7	14·8	3·8	3·8	5·4	4·3	46·0	22·8	2	6	6	10·0	2·0	3·0	—	1·0	4·0	57·0	13·0	—
7·8	12·0	10·5	2·6	3·4	4·9	3·6	11·7	7·2	5	6	2	30·0	8·0	4·0	—	—	7·0	30·0	14·0	—
5·7	7·8	6·4	2·1	2·6	1·6	2·1	1·0	1·0	4	1	—	65·0	18·0	1·0	—	—	—	1·0	5·0	—
3·8	4·7	4·4	1·2	1·2	0·6	1·0	0·0	0·0	—	—	—	93·0	—	—	—	—	—	—	—	—
7·3	8·5	8·1	2·3	2·2	2·7	2·4	390·8	—	—	—	—	328·0	164·0	18·0	4·0	25·0	67·0	284·0	205·0	—

leib Hilla for the year 1905.

le 391·0 metres.

Vapour Tension (mm.)				Clouds (0—10)				Rainfall (mm.)			Days with.		Wind Direction. Number of observations in which the wind direction was recorded as								
	14 h.	20 h.	Mean.	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day. Amount	Maximum 1 day. day.	≥ 0·1 m.m. of rain.	≥ 1·0 m.m. of rain.	N	NE	E	SE	S	SW	W	NW	Calm.
	—	7·3	6·1	—	—	—	—	0·0	0·0	—	—	—	36	22	1	—	3	—	—	—	—
	—	5·8	4·6	—	—	—	—	0·0	0·0	—	—	—	30	22	—	1	1	—	1	1	—
	—	[6·6]	[6·2]	—	—	—	—	0·5	0·5	8	1	—	[14]	[27]	—	[3]	[1]	—	—	—	[7]
	—	[9·2]	[9·2]	—	—	—	—	1·3	1·1	22	1	1	[4]	[13]	—	[10]	[1]	[13]	[2]	[5]	[12]
	—	16·1	16·2	—	—	—	—	91·6	21·2	13	9	6	—	3	15	9	8	17	—	4	6
	—	[18.8]	[18·9]	—	—	—	—	82·4	20·6	22	12	10	1	4	15	6	5	12	1	3	13
	—	[19·2]	[19·4]	—	—	—	—	108·6	54·1	8	10	8	—	[2]	[20]	[11]	[3]	[7]	[3]	[5]	[10]
	—	[19·8]	[19·7]	—	—	—	—	131·0	52·8	24	12	10	—	6	10	17	2	13	3	2	9
	—	[20·3]	[20·4]	—	—	—	—	153·1	72·8	20	9	6	—	[6]	[11]	[8]	[4]	[6]	[1]	[14]	[6]
	—	[18·2]	[18·6]	—	—	—	—	47·8	16·2	7	8	6	—	[6]	[14]	[12]	[1]	[4]	—	6	4
	—	[17·0]	[17·3]	—	—	—	—	68·8	30·0	8	5	4	[1]	[10]	[10]	[21]	—	[3]	[2]	[6]	[4]
	—	[12·3]	[12·7]	—	—	—	—	0·0	0·0	—	—	—	29	12	—	7	—	2	—	8	4
		14·2	14·1	—	—	—	—	689·1	—	—	—	—	115	133	96	105	29	77	13	54	75

Summary of Meteorological Observa

Latitude 9° 53′ 0″ N. Longitude 32° 8′ 0″ E of Gr

Month.	Barometric Pressure (mm.)			Clouds 0—10.			
	Mean.	Maximum	Minimum	8 h.	14 h.	20 h.	M
1905							
January	725·70	730·0	722·3	0·7	0·7	0·3	0
February	26·16	30·2	22·6	2·0	1·1	0·5	1
March	—	—	—	—	—	—	-
April	25·68	29·6	22·8	2·5	2·7	1·8	2
May	26·11	29·9	22·8	3·7	5·2	2·4	3
June	26·62	31·3	23·2	5·9	5·3	3·5	4
July	28·49	30·3	25·1	7·5	5·6	3·9	5
August	27·24	30·3	23·8	5·1	4·8	5·5	5
September	27·04	31·7	22·2	1·9	1·7	2·5	2
October	[26·57]	[30·3]	[19·1]	[1·3]	[0·8]	[1·7]	[1
November	26·53	29·8	22·9	0·4	0·5	0·6	0
December	27·12	31·3	23·0	0·0	0·0	0·0	0
Mean	726·66	730·4	722·7	2·8	2·6	2·1	2

Summary of Meteorological Observat

Latitude 7° 42′ 0″ N. Longitude 28° 3′ 0″ E. of Gre

Month	Temperature (Centigrade)								Relat Humidit
	8 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.
1905									
January	22·4	26·6*	35·1	18·1	38·0	4	12·0	27, 28	45
February	24·3	27·3	36·1	18·4	40·0	24	16·0	11, 14	26
March	27·7	29·5	38·0	21·1	41·5	8	16·5	3, 4, 26	37
April	28·8	30·8	38·0	23·6	40·5	9, 12	18·5	5	44
May	26·3	29.2	35·2	23·3	38·5	3	20·5	5	69
June	26·0	27·5	32·8	22·1	36·5	5, 12	20·0	17	74
July	25·8	27·1	30·4	24·4	32·5	6, 22	21·5	2	86
August	24·3	25·4	30·1	20·8	32·0	31	18·0	12	84
September	24·2	25·0	30·9	19·1	34·0	19,25,28	13·0	9	84
October	24·4	26·3	33·4	19·2	35·5	several dates	17·0	26	83
November	24·6	26·5	33·8	19·1	38·5	11	16·0	30	74
December	23·1	25·3	34·2	16·4	37·0	15	10·5	24	64
Mean	25·1	27·2	34·0	20·5	—	—	—	—	62

* The daily mean temperature is taken from $\frac{\text{max.} + \text{min.}}{2}$

odok for the year 1905.

eter above sea-level 389·0 metres. Mean reduction to sea-level 32·2 mm. Correction to mean gravity 1·8 mm.

al	Rainfall (mm.) Maximum 1 day Amount	Rainfall (mm.) Maximum 1 day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	Wind Direction N	NE	E	SE	S	SW	W	NW	Calm.
ps	drops	31	—	—	44	38	—	—	—	1	1	1	8
·0	—	—	—	—	76	4	—	—	1	—	—	—	3
–	—	—	—	—	—	—	—	—	—	—	—	—	—
·5	0·5	25	1	—	30	6	3	8	23	9	2	—	9
·3	14·0	29	3	3	3	5	7	4	35	17	6	1	15
·5	38.0	21	13	7	4	5	4	8	39	12	7	1	10
·4	20·2	29	8	7	2	4	3	5	44	11	9	1	14
·9	24·6	2	11	10	3	7	6	3	45	—	5	—	24
·1	32·0	1	12	12	3	—	14	6	22	—	11	—	34
·7]	60·8	12	7	7	[4]	[8]	[20]	[3]	[15]	—	[1]	—	[39]
·0	11·0	4	2	2	19	10	11	—	6	—	1	—	43
·0	—	—	—	—	85	—	2	—	—	—	—	—	6
tal ·4	—	—	—	—	273	87	70	37	230	50	43	4	205

Naw for the year 1905.

meter above sea-level.

er Tension (mm.) 8 h.	Clouds 0—10 8 h.	Rainfall (mm.) Total	Rainfall (mm.) Maximum 1 day Amount	Rainfall (mm.) Maximum 1 day Day	Days with ≥ 0.1 mm. of rain	Days with ≥ 1.0 mm. of rain	Wind Direction N	NE	E	SE	S	SW	W	NW	Calm
9·2	0·6	0·0	0·0	—	—	—	26	—	—	—	2	—	—	—	3
5·8	0·0	drops	drops	1	—	—	27	—	—	1	—	—	—	—	—
10·2	0·0	drops	drops	21	—	—	26	—	—	—	—	5	—	—	—
12·6	0·0	24·6	11·8	26	3	3	12	—	—	—	18	—	—	—	—
17·7	0·0	84·6	28·8	3	9	9	2	2	—	—	26	1	—	—	—
18·2	0·0	174·1	30·0	27	14	14	—	2	3	1	24	—	—	—	—
21·1	0·0	93·5	27·5	10	13	10	—	1	2	3	23	1	1	—	—
18·7	3·3	266·5	67·5	3	15	15	—	1	—	—	25	3	1	1	—
18·7	2·8	146·0	40·0	1	12	10	3	4	1	1	19	2	—	—	—
18·9	2·6	60·0	19·5	16	9	8	3	1	3	1	22	—	1	—	—
16·9	3·0	98·5	70·0	21	5	5	2	3	17	3	4	—	1	—	—
13·3	0·5	0·0	0·0	—	—	—	9	5	16	1	—	—	—	—	—
14·1	1·1	Total 947·8	Total —	—	—	—	110	19	42	11	163	12	4	1	3

Summary of Meteorological Observ

Latitude 5° 11′ 0″ N. Longitude 31° 46′ 42″ E, of Gre

Month	Barometric Pressure (mm.)			Temperature (Centigrade)										Relative Humidity		
	Mean	Maximum	Minimum	8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.
1905																
January	721·85	725·8	718·1	25·5	35·1	27·4	27·0	[38·5]	20·0	40·0	5	15·5	27	62	47	64
February	20·88	26·5	16·7	26·6	37·0	28·6	28·2	—	20·8	—	—	16·5	10	64	52	63
March	20·20	25·4	16·7	29·3	36·5	28·9	29·3	—	22·6	—	—	17·5	25	60	42	57
April	21·43	25·0	17·8	26·8	34·7	27·3	27·8	[36·9]	22·4	41·0	10	20·1	27	73	49	69
May	22·32	27·3	18·8	24·9	32·5	26·4	26·4	35·0	22·1	39·0	1, 9	20·5	29	83	62	82
June	22·83	26·8	18·1	26·4	32·7	26·7	27·0	35·3	22·3	38·0	2, 12, 13	19·5	18, 24, 25	80	61	80
July	23·53	27·2	20·3	23·8	30·7	24·8	25·1	32·3	21·2	36·4	22	19·5	12, 24	86	66	88
August	22·71	26·6	19·3	25·0	30·2	24·3	25·0	32·4	20·5	36·0	13	18·5	17	81	63	86
September	21·40	25·0	17·2	24·9	31·5	24·2	25·3	33·2	20·6	36·7	16	19·0	several dates	81	56	85
October	20·60	24·5	17·2	25·0	32·2	25·1	25·8	34·2	20·7	37·7	23	19·0	28	82	49	82
November	20·43	23·7	16·6	24·9	32·0	25·5	25·9	34·3	21·1	38·4	12	19·0	15, 23	80	48	77
December	20·88	25·6	17·2	24·2	33·6	25.4	25·7	35·2	19·5	37·9	13, 14	15·0	23	80	43	78
Mean...	721·59	725·8	717·8	25·6	33·2	26·2	26·6	[34·7]	21·1	—	—	—	—	76	53	76

Mongalla for the year 1905.

meter above sea-level, 445·0 metres. Mean Reduction to sea-level + 37.0 mm. Mean Correction to mean gravity—1.9 mm.

APOUR TENSION (mm.)			CLOUDS (0—10)				RAINFALL (mm.)			DAYS WITH		WIND DIRECTION Number of observations in which the wind direction was recorded as								
14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day Amount	Maximum 1 day Day	> 0.1 mm. of rain	> 1.0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
19·6	17·1	17·3	3·8	4·2	1·9	3·3	4·6	4·6	31	1	1	28·0	4·0	5·0	1·0	10·0	1·0	5·0	2·0	37
23·8	18·2	19·5	4·4	3·3	1·6	3·1	3·2	3·2	28	1	1	19·0	—	8·0	1·0	12·0	1·0	3·0	1·0	39
19·3	16·6	18·0	5·8	7·2	3·5	5·5	2·0	2·0	2	1	1	14·0	1·0	17·0	1·0	19·0	4·0	7·0	1·0	29
19·2	18·4	18·8	6·7	7·2	4·9	6·3	143·3	72·0	22	11	11	5·0	1·0	7·0	5·0	30·0	5·0	6·0	—	31
22·2	20·8	20·8	6·7	6·0	4·7	5.8	63·9	14·6	20	13	9	6·0	—	7·0	—	31·0	1·0	4·0	—	44
22·7	20·7	21·1	5·4	5·2	3·3	4.7	93·5	29·7	29	7	7	9·0	—	8·0	—	16·0	1·0	6·0	—	50
21·1	20·4	20·1	7·0	5·5	2·1	4·9	38·5	14·6	28	7	6	3·0	1·0	10·0	2·0	16·0	2·0	2·0	—	57
19·8	19·4	19·5	5·0	6·4	2·9	4·8	159·3	50·0	14	11	11	—	—	6·0	—	7·0	—	3·0	1·0	76
18·7	18·9	18·8	5·6	6·0	2·1	4·6	174·5	50·0	1	8	8	3·0	—	3·0	1·0	1·0	—	1·0	—	81
17·1	19·4	18·5	5·9	6·4	2·6	5·0	139·3	25·5	24	9	9	5·0	—	1·0	—	5·0	—	2·0	—	80
15·8	18·7	17·7	6·3	7·5	5·1	6·3	119·3	51·0	14	8	8	4·0	2·0	5·0	—	4·0	—	4·0	—	71
16·4	18·8	17·7	3·2	4·0	0·6	2·6	4·8	2·3	9	3	2	3·0	—	—	4·0	3·0	1·0	2·0	2·0	78
19·6	18·9	19·0	5·5	5·7	2·9	4·7	Total 946·2	—	—	—	—	99·0	9·0	77·0	15·0	154·0	16·0	45·0	7·0	673

Wind Velocity (in kilometres per hour).

(Dines' Self-Registering Pressure Anemometer.)

January, 1905. ALEXANDRIA.

Date	Hours of Observation. 1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
1	24	18	16	19	16	16	20	18	20	18	25	24	26	21	14	18	7	0	0	0	0	0	0	4	13·5
2	2	2	0	1	0	3	8	7	7	2	8	0	0	0	5	8	7	13	12	12	10	14	9	7	5·7
3	12	10	9	8	6	8	10	6	4	10	9	8	14	13	18	20	10	11	10	4	2	5	2	4	8·9
4	5	4	0	0	0	0	0	0	0	1	10	12	13	8	10	13	10	10	5	12	9	1	0	0	5·1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0·3
6	15	21	22	9	28	30	26	24	25	25	25	29	17	26	24	18	17	20	12	6	6	8	0	0	18·0
7	1	4	0	0	0	0	0	0	0	0	0	4	6	6	13	16	9	10	5	4	0	2	13	16	4·5
8	12	12	10	14	21	21	12	14	20	20	29	33	30	34	30	28	24	16	20	23	24	22	24	21	21·4
9	32	22	31	23	16	16	16	19	28	25	26	30	23	24	20	36	20	12	23	12	9	6	9	12	20·4
10	0	0	11	14	1	11	14	20	19	28	34	38	40	34	32	32	35	35	36	38	29	34	41	34	25,5
11	38	32	47	38	39	31	35	34	30	36	38	36	36	33	27	29	25	16	15	18	12	6	18	22	28·8
12	18	22	17	22	17	9	5	6	7	11	18	6	12	6	4	0	0	0	0	0	0	0	0	0	7·5
13	0	0	0	0	0	0	0	0	6	7	12	15	22	24	23	20	17	30	14	26	30	30	32	39	14·5
14	27	31	34	32	30	29	28	24	32	30	40	38	38	40	41	40	36	40	40	41	40	37	36	39	35·1
15	32	32	33	32	37	25	25	24	22	34	34	35	32	35	—	32	30	27	25	24	18	21	—	—	28,9
16	—	—	—	28	27	39	35	27	28	21	32	34	32	36	32	31	15	15	12	10	18	17	21	14	25·0
17	0	10	11	12	15	19	13	15	9	18	21	16	14	9	11	8	8	10	0	0	0	0	0	0	9·1
18	0	0	0	0	0	0	0	0	0	8	11	18	19	18	13	14	8	4	5	7	9	0	0	0	5·2
19	0	0	0	0	0	0	1	7	1	9	16	9	15	16	17	21	15	16	16	12	13	9	9	11	8·9
20	6	10	8	10	11	10	11	13	20	29	17	17	16	15	22	24	21	17	14	13	9	8	7	6	13·9
21	8	7	3	3	1	0	0	0	0	0	0	0	0	6	9	5	6	20	36	32	32	27	38	38	11·3
22	40	36	30	35	26	26	26	24	38	39	37	26	20	18	24	20	14	15	15	17	20	27	27	31	26·3
23	24	21	26	34	22	27	26	20	18	18	14	13	18	16	32	29	26	12	4	0	10	12	14	7	18·4
24	0	0	2	0	0	16	2	8	0	19	12	6	18	19	19	22	18	21	18	25	14	14	5	14	11·5
25	9	15	6	19	13	16	10	12	12	12	15	12	14	5	16	9	19	18	13	20	19	8	9	12	13·0
26	0	0	13	6	0	0	0	0	6	11	10	11	9	14	17	13	3	0	10	1	0	0	0	0	5·2
27	0	0	0	0	0	0	1	15	15	16	13	18	15	10	9	2	0	0	0	0	0	0	0	8	5·1
28	6	5	1	2	4	4	5	7	8	8	5	7	4	5	2	2	3	0	2	8	10	15	19	15	6·1
29	16	12	2	8	6	0	0	16	21	20	27	34	25	24	29	17	14	12	11	3	7	5	6	2	12·9
30	0	2	12	16	12	8	9	7	14	16	24	20	18	14	10	11	6	5	0	1	0	0	0	0	8·5
31	0	0	0	3	0	0	0	0	0	0	0	0	6	7	5	3	28	25	38	20	9	31	29	23	9,3
Mean	10·9	10·9	11·5	12·4	11·2	11·7	10·9	11·8	13·2	15·8	18·1	17·7	17.8	17·3	17·3	17·4	14·5	14·0	13·3	12·4	11·3	11·6	12·4	12·9	13·8

February, 1905.

Date	Hours of Observation. 1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
1	29	23	25	1	0	13	13	15	19	16	13	8	9	15	12	8	12	5	7	6	5	0	0	0	10·6
2	0	0	0	0	0	0	3	6	12	19	19	15	14	15	16	14	11	11	0	0	0	0	0	0	6·5
3	9	5	10	6	11	10	10	16	14	20	20	16	23	25	18	18	16	15	16	15	16	19	22	33	16·0
4	27	32	28	26	15	24	23	24	29	25	39	55	31	30	36	29	33	29	31	28	51	55	56	45	39·2
5	45	49	16	33	35	44	35	44	32	38	33	36	44	42	44	47	40	51	44	44	38	45	33	34	40·8
6	32	20	32	26	34	22	15	15	26	35	38	34	32	34	36	26	23	24	18	23	0	0	0	0	23·1
7	6	4	17	17	22	18	23	20	24	25	19	26	35	23	17	26	24	15	15	15	14	15	18	15	18·6
8	20	16	12	19	23	16	20	29	20	21	26	24	15	25	34	35	29	25	32	26	24	20	15	24	23·0
9	22	35	30	25	24	27	23	25	15	11	15	15	18	15	23	20	24	29	32	39	24	17	12	25	22·2
10	22	10	20	16	24	25	20	20	24	16	25	25	30	29	19	17	3	19	17	15	16	17	14	11	19·0
11	25	7	15	28	26	15	16	22	26	26	26	27	26	18	25	38	33	30	29	26	24	23	26	13	23·8
12	14	5	16	22	14	14	15	9	19	23	18	16	14	17	18	19	17	4	11	6	6	0	0	0	12·4
13	0	0	0	0	0	8	10	18	17	18	20	19	22	21	16	13	13	13	11	15	18	18	23	13	12·8
14	27	26	39	36	40	31	25	36	28	37	34	35	28	24	22	18	19	12	13	8	9	8	0	0	23·1
15	0	0	13	8	6	19	25	25	24	30	15	39	20	24	18	23	25	14	18	17	23	16	15	15	17·6
16	11	4	13	5	0	0	0	0	0	0	25	12	15	15	22	22	21	14	16	10	12	11	13	15	10·7
17	13	14	12	5	4	0	0	0	0	0	25	22	18	22	20	25	18	22	29	14	2	16	33	27	13·9
18	39	27	30	26	25	27	43	33	27	24	34	34	44	31	40	31	33	37	29	30	29	37	36	34	33·0
19	33	19	21	23	27	9	15	4	17	6	16	13	18	10	19	3	4	6	10	2	0	0	0	0	11·5
20	0	0	0	0	0	0	0	0	0	12	11	12	15	12	12	7	6	6	6	12	3	3	0	0	4·9
21	14	4	0	0	0	6	19	1	17	15	17	15	20	22	28	19	7	9	12	9	3	0	0	0	9·9
22	0	0	0	0	0	0	0	0	5	9	6	10	12	13	13	17	9	18	22	14	17	12	13	13	8·5
23	14	12	13	8	13	15	13	10	10	12	17	17	15	16	25	30	31	21	20	17	13	15	16	15	16·2
24	9	10	15	10	12	17	16	15	24	14	25	29	27	26	29	35	24	25	20	16	18	21	15	15	19·5
25	16	13	13	9	15	17	15	20	24	24	20	18	27	31	35	30	35	14	15	15	14	15	20	26	20·0
26	15	15	16	18	15	11	14	11	15	11	10	16	15	14	26	20	19	12	15	12	14	15	12	18	15·1
27	18	10	13	9	0	2	9	6	5	10	10	0	0	1	0	14	7	10	6	10	5	10	10	11	7·3
28	10	6	3	2	5	7	3	7	4	0	7	6	6	10	5	6	8	6	2	0	0	0	0	0	4·7
Mean	16·6	13·5	16·1	13·5	14·0	14·3	15·1	15·4	17·1	18·4	20·7	20·2	21·2	20·7	22·4	21·8	19·4	17·8	17·4	15·5	14·2	14·6	14·4	14·4	17·0

Wind Velocity (in kilometres per hour).

(Dines' Self-Registering Pressure Anemometer.)

March, 1905. ALEXANDRIA.

Date	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
	HOURS OF OBSERVATION.																								
1	0	0	0	0	2	7	6	15	13	19	16	13	12	9	12	9	1	0	22	21	21	20	13	12	10·1
2	12	11	11	11	12	10	1	1	0	0	7	8	4	16	16	15	15	5	4	0	1	0	0	0	6·7
3	0	0	0	0	0	0	0	2	4	2	4	2	11	6	23	22	21	22	19	20	17	16	17	21	9·5
4	22	21	18	24	29	24	24	25	27	21	22	21	17	19	15	0	15	0	5	7	3	0	13	28	16·7
5	38	46	32	32	32	39	30	38	28	31	34	33	38	39	41	32	42	39	36	40	33	28	26	35	35·1
6	34	24	29	30	27	32	32	35	18	35	30	22	25	24	24	17	25	19	19	16	16	12	14	14	23·9
7	17	18	20	16	17	16	14	11	9	9	7	13	13	19	23	13	14	16	20	16	17	15	23	24	15·8
8	18	15	25	23	25	25	20	13	26	25	25	26	25	22	20	18	20	7	7	0	0	0	0	0	16·0
9	0	0	0	14	15	17	18	18	10	11	24	15	17	14	16	6	7	8	5	8	7	3	10	8	10·5
10	7	16	14	14	15	10	15	12	12	15	8	6	3	4	17	21	23	21	18	35	15	9	16	13	14·1
11	7	15	14	12	14	16	15	17	12	8	18	10	16	19	26	27	27	22	18	18	20	18	18	22	17·0
12	19	17	13	14	13	16	18	25	21	22	28	34	36	35	33	32	25	31	22	23	32	31	40	37	25·7
13	26	30	28	—	—	—	—	29	30	—	—	27	22	28	24	27	23	—	26	20	18	18	14	12	23·7
14	11	15	13	9	7	7	7	3	13	2	6	8	7	8	13	5	12	14	7	9	6	5	3	3	8·0
15	2	0	0	0	0	0	0	0	0	0	10	10	10	14	12	6	12	18	2	7	5	7	0	0	4·8
16	0	0	0	0	3	2	2	2	4	8	12	4	3	2	13	7	8	13	12	14	11	15	14	17	6·9
17	16	16	14	—	—	—	—	1	0	0	0	0	4	16	17	16	14	11	12	15	13	10	8	8	9·6
18	2	0	0	0	0	0	0	0	11	0	9	20	20	10	16	20	16	13	16	32	25	28	32	—	11·7
19	27	24	24	27	29	—	—	28	32	29	28	32	30	38	35	29	24	29	29	24	23	23	27	28	28·1
20	25	23	17	11	14	9	15	10	22	23	20	16	18	17	21	16	12	15	12	24	28	20	25	30	18·6
21	28	32	28	26	32	34	40	35	35	24	33	38	13	35	36	34	40	35	36	48	40	29	43	44	34·1
22	39	40	39	35	35	37	31	37	30	34	34	34	41	33	37	44	24	34	34	25	26	29	28	25	33·5
23	27	29	30	27	31	38	35	35	42	38	32	24	29	36	39	32	34	28	23	25	19	21	15	21	29·2
24	20	17	14	16	12	7	0	0	1	3	0	0	0	0	0	0	1	6	13	12	15	16	17	21	8·0
25	22	22	21	21	24	21	20	14	14	16	22	20	20	18	5	5	0	0	0	0	0	0	18	20	13·5
26	21	19	18	16	24	18	20	15	15	10	17	21	16	18	4	21	22	0	10	26	27	28	17	22	17·7
27	21	15	17	15	15	23	19	21	17	12	21	14	24	18	17	8	16	9	10	15	11	5	0	0	14·3
28	0	0	0	20	16	15	20	37	33	31	31	39	34	33	34	40	36	37	30	28	34	28	19	24	25·8
29	32	32	26	26	26	27	16	20	14	22	16	14	12	16	20	16	13	11	10	6	9	8	7	3	16·8
30	5	0	0	0	0	0	0	0	5	4	1	6	9	18	17	22	26	27	17	19	17	0	11	9	8·9
31	7	10	5	2	8	13	6	7	4	0	21	15	13	14	17	10	14	15	23	12	22	16	15	16	11·9
Mean	16·3	16·4	15·2	15·2	16·4	16·5	15·1	16·3	16·2	15·1	17·9	17·6	17·5	19·3	20·4	18·4	18·8	16·8	16·7	18·2	17·1	14·8	16·2	17·4	16·9

April, 1905.

Date	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
	HOURS OF OBSERVATION.																								
1	17	20	29	19	25	24	24	23	28	29	24	24	28	34	28	27	24	24	22	24	27	21	22	19	23·7
2	21	17	16	13	16	13	15	18	19	14	20	27	22	25	21	21	20	16	17	20	19	13	13	9	17·8
3	13	12	17	16	14	11	15	20	12	18	20	15	21	18	22	22	20	16	10	12	14	7	1	0	14·4
4	0	0	0	0	0	0	0	0	4	6	13	6	6	5	0	0	0	0	0	0	0	0	0	0	1·7
5	0	0	0	0	0	0	0	0	5	5	5	0	10	8	10	14	9	17	17	13	12	6	4	0	5·6
6	0	0	0	0	0	0	0	0	0	2	4	0	4	14	12	9	0	0	7	6	11	14	18	18	5·0
7	11	17	8	5	3	1	3	2	12	5	7	0	4	9	6	12	17	11	7	7	5	0	2	1	6·5
8	12	15	22	22	17	16	4	13	5	9	19	7	21	8	13	24	15	14	8	10	6	11	6	7	12·7
9	4	6	10	4	3	0	0	5	6	5	0	12	13	11	12	12	13	15	11	11	9	3	6	0	7·1
10	0	0	10	7	3	1	4	6	10	10	6	11	10	15	21	23	20	22	21	25	21	19	14	10	12·0
11	8	7	9	7	10	8	8	17	17	18	22	23	25	24	23	20	29	27	29	23	17	16	14	15	17·2
12	15	12	15	15	22	17	16	16	11	14	10	11	18	17	18	19	11	15	8	16	12	7	7	9	13·8
13	1	0	2	0	0	0	0	3	3	0	0	0	0	0	8	17	16	5	19	22	26	26	31	24	8·5
14	23	27	22	29	29	24	17	21	21	19	22	19	23	24	28	23	26	14	15	13	11	4	0	0	18·9
15	0	3	0	11	12	11	18	10	17	17	22	24	17	21	22	22	29	15	15	16	15	22	18	15	15·1
16	11	15	1	0	0	0	0	0	13	14	15	16	18	23	14	18	8	7	11	9	7	7	0	0	8·6
17	0	0	0	0	0	0	0	2	3	6	0	0	10	10	19	14	15	11	6	8	8	17	13	13	6·5
18	9	15	17	14	14	13	16	19	18	15	14	16	13	11	4	5	13	8	13	15	15	15	15	15	12·4
19	15	15	16	14	15	8	9	4	14	18	22	16	21	22	16	17	18	12	11	6	8	16	9	13	14·0
20	15	15	14	15	16	15	5	9	19	18	23	20	22	25	20	26	23	22	23	13	13	22	17	13	17·6
21	15	10	14	18	14	9	12	8	6	11	0	0	0	0	0	6	0	0	0	8	5	9	17	11	7·2
22	20	20	27	25	22	16	25	21	23	22	24	17	13	7	2	11	16	20	24	15	9	21	24	24	18·7
23	24	30	22	34	15	25	30	31	30	21	12	25	27	31	4	14	25	15	21	29	23	25	22	24	23·3
24	20	18	18	17	14	16	12	16	13	12	12	14	4	7	17	16	15	15	8	12	14	19	8	13	13·8
25	8	12	18	16	20	22	20	19	22	22	20	23	24	24	23	22	27	22	20	22	18	17	19	16	19·8
26	12	17	26	21	26	21	16	15	15	21	22	18	18	23	27	22	25	23	18	22	21	16	7	21	19·8
27	21	18	14	8	14	14	8	8	15	10	15	17	17	22	14	19	17	18	17	20	15	10	16	14	15·0
28	16	8	12	5	8	6	6	10	4	12	10	13	13	14	13	13	9	15	17	12	8	7	12	15	10·8
29	12	14	0	4	3	0	0	1	3	3	3	3	10	18	17	15	17	17	19	15	23	12	14	13	9·8
30	14	17	17	13	13	12	23	25	20	25	26	24	31	41	28	39	27	31	23	35	41	28	30	37	25·8
Mean	11·2	12·0	12·2	11·7	11·6	10·1	10·2	11·4	12·9	13·1	13·7	13·4	15·4	16·9	15·5	17·4	16·5	14·9	14·6	15·3	14·4	13·7	12·6	12·3	13·5

Wind Velocity (in kilometres per hour).

(Dines' Self-Registering Pressure Anemometer.)

May, 1905. ALEXANDRIA

Date	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
	HOURS OF OBSERVATION.																								
1	35	35	32	28	30	28	27	26	20	23	19	14	26	13	13	19	19	13	12	6	10	11	12	11	20·1
2	15	14	16	11	15	15	12	14	11	16	18	20	13	15	21	18	25	15	19	20	17	12	15	18	16·0
3	15	13	10	16	15	15	14	16	15	9	8	20	21	16	19	14	12	19	13	24	16	16	14	9	15·0
4	7	5	10	15	13	17	17	23	26	22	31	24	29	22	29	28	18	16	27	25	28	27	26	24	21·2
5	27	24	26	22	25	21	15	21	18	21	26	27	22	21	23	30	21	27	25	25	30	22	21	22	23·4
6	26	24	21	23	23	24	22	19	21	19	24	19	22	17	23	18	22	22	22	26	22	24	20	28	22·1
7	23	20	22	15	22	26	26	18	16	22	25	18	21	27	25	33	29	24	28	28	25	25	25	32	24·0
8	24	25	23	26	21	19	12	19	19	16	15	17	19	15	13	18	16	17	14	15	21	23	17	11	18·1
9	17	15	16	12	17	9	8	6	7	10	13	14	16	10	15	9	17	19	14	12	6	9	6	7	11·8
10	8	7	9	16	11	6	6	12	13	19	18	13	10	24	18	14	18	18	12	7	9	9	7	7	12·1
11	3	8	9	8	7	11	9	16	11	19	14	13	15	22	24	21	20	16	16	15	18	15	11	10	13·8
12	9	13	10	14	12	12	14	18	17	14	16	14	19	22	24	26	24	19	14	10	13	11	11	1	14·9
13	9	12	12	17	18	16	20	15	12	15	7	10	8	12	14	18	16	10	19	18	10	4	0	11	12·6
14	4	10	12	2	12	18	11	15	20	23	24	20	15	20	17	22	25	16	19	19	21	16	15	14	16·2
15	10	10	16	11	13	17	13	17	17	13	18	10	13	14	17	11	9	7	7	6	9	9	2	9	11·6
16	10	8	10	10	7	3	5	1	2	6	7	14	14	14	17	17	12	19	17	10	9	4	2	—	9·5
17	—	—	—	—	—	—	—	5	0	3	16	4	9	11	18	14	13	9	8	6	5	8	0	2	7·7
18	2	0	0	0	0	0	0	0	0	3	6	4	14	14	11	14	8	16	8	10	6	4	0	0	5·0
19	0	0	0	0	0	0	0	0	0	0	5	19	16	16	12	11	9	14	12	13	11	15	12	0	6·9
20	0	0	3	3	0	12	9	6	8	4	9	16	13	12	13	16	19	15	12	18	18	1	5	0	8·8
21	0	0	2	5	0	1	0	0	9	3	19	14	23	16	7	8	11	16	16	21	16	4	2	0	8·0
22	2	2	7	3	3	0	0	0	0	5	5	15	7	10	4	18	4	8	9	12	8	4	0	0	5·2
23	0	0	0	0	2	5	6	15	3	1	1	5	9	18	20	21	16	9	12	8	11	16	20	18	9·0
24	18	17	14	15	19	18	19	12	5	6	6	8	0	8	19	13	17	13	5	3	0	0	0	5	10·0
25	8	6	12	12	6	0	7	12	20	15	14	19	30	14	14	13	20	16	15	20	28	27	17	17	15·1
26	8	9	9	6	13	7	15	20	18	15	15	12	28	22	13	14	9	10	13	13	21	20	26	23	15·0
27	28	26	23	19	13	10	8	10	13	13	18	19	26	31	22	20	24	21	18	15	17	16	14	13	18·2
28	10	12	17	22	21	13	22	23	23	21	16	23	29	27	20	24	25	28	24	18	18	19	13	22	20·4
29	14	19	14	—	—	—	—	11	3	13	6	13	11	14	11	17	15	12	11	15	11	8	10	5	11·6
30	0	4	0	4	7	10	15	15	14	7	4	8	13	9	20	16	19	13	14	11	0	17	0	10	9·6
31	0	6	16	10	14	8	9	13	6	7	15	25	—	—	18	20	22	19	20	14	14	10	6	5	12·6
Mean	11·1	11·5	12·4	11·9	12·4	11·8	11·8	12·8	11·8	12·4	14·1	15·2	17·0	16·9	17·2	17·9	17·2	16·0	15·3	14·9	14·4	13·1	10·6	11·1	13·7

June, 1905.

Date	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean
	HOURS OF OBSERVATION.																								
1	5	7	0	1	0	0	0	0	9	7	15	17	21	15	14	13	15	13	13	12	17	7	4	5	8·5
2	3	5	0	0	0	0	0	0	0	2	0	11	3	11	13	11	11	13	19	15	16	14	14	17	7·4
3	0	9	10	5	3	0	0	7	6	13	7	14	12	14	16	18	20	18	20	18	20	18	11	6	11·0
4	12	3	2	1	0	2	3	6	10	11	6	18	15	16	17	15	16	18	14	14	11	13	15	7	10·2
5	10	11	9	0	1	0	0	0	0	4	4	8	14	14	19	19	18	22	22	18	18	16	10	1	9·9
6	0	0	2	2	1	0	0	4	0	3	6	7	7	14	11	26	24	26	16	20	12	7	3	5	8·2
7	10	7	3	0	1	7	10	5	6	7	9	15	10	14	16	25	19	17	14	7	7	3	8	4	9·3
8	1	2	2	9	1	2	5	2	6	9	6	8	12	10	10	13	18	12	9	9	8	7	2	7	7·1
9	11	5	15	8	4	3	0	0	0	0	0	5	4	8	22	15	9	7	4	0	0	0	0	1	5·0
10	8	14	17	18	16	15	14	16	22	23	23	27	26	24	26	29	35	26	17	13	24	16	20	20	20·4
11	14	12	12	9	4	0	2	0	0	4	0	16	6	8	4	3	11	12	0	6	15	14	14	15	7·5
12	15	14	14	14	12	0	11	20	15	24	28	28	24	24	26	23	32	34	32	35	37	40	35	33	23·8
13	24	29	28	26	24	31	33	31	24	26	36	26	25	30	28	39	26	27	22	24	13	19	9	6	25·2
14	7	20	19	0	0	0	0	6	4	3	5	0	8	4	10	5	19	17	13	13	18	19	15	15	9·2
15	18	13	14	16	23	14	17	24	24	15	17	25	24	29	28	29	30	22	21	25	22	19	21	12	21·0
16	17	24	18	21	17	13	14	11	16	11	16	25	25	26	26	30	25	26	29	22	21	20	20	21	20·6
17	24	26	20	22	24	26	17	15	15	22	23	23	25	29	26	25	21	14	17	15	16	14	14	6	20·0
18	14	7	10	14	12	17	16	21	17	16	24	23	20	25	24	20	22	19	20	15	17	13	15	15	17·3
19	11	10	11	2	2	3	5	4	4	10	9	16	19	24	20	25	20	23	17	14	6	6	0	0	10·9
20	0	0	0	0	0	0	1	10	10	12	8	4	4	13	10	6	8	3	13	13	5	14	12	18	6·8
21	19	16	16	19	17	17	18	14	16	16	8	5	12	9	25	22	16	13	24	19	6	16	16	22	15·9
22	24	25	19	16	13	17	25	27	24	22	26	26	26	22	29	25	14	14	18	18	17	22	16	15	20·5
23	7	2	3	0	1	0	1	0	2	11	10	15	11	12	12	7	12	22	4	8	4	5	0	4	6·4
24	2	1	1	2	0	5	2	2	6	3	9	8	9	15	15	14	12	18	14	12	14	7	6	1	7·4
25	9	2	7	7	9	3	6	10	6	5	20	20	16	24	21	25	23	21	17	19	21	17	17	14	14·2
26	13	21	19	16	13	13	16	18	17	23	15	24	22	25	25	26	25	20	20	18	20	23	18	15	19·4
27	22	16	23	19	17	18	16	19	10	18	23	19	22	23	22	24	23	18	23	14	17	20	12	16	18·9
28	15	25	21	18	19	17	19	24	27	20	24	27	22	22	30	26	28	25	26	20	14	13	15	14	21·3
29	15	13	11	17	13	16	9	7	13	14	18	15	18	22	22	16	17	23	13	18	14	15	12	16	15·3
30	8	8	10	2	5	14	8	15	22	28	30	20	27	19	20	19	15	25	20	16	15	17	14	12	16·2
Mean	11·3	11·6	11·2	9·5	8·4	8·4	8·9	10·6	11·0	12·7	14·2	16·5	16·3	18·2	19·3	19·8	19·5	18·9	17·0	15·7	14·8	14·3	12·3	11·4	13·8

Wind Velocity (in kilometres per hour).

(Dines' Self-Registering Pressure Anemometer.)

July, 1905. ALEXANDRIA.

HOURS OF OBSERVATION.

1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
12	9	13	12	13	10	10	17	9	12	16	13	17	16	20	21	19	17	14	12	6	7	7	3	12·7
0	0	2	0	0	0	2	0	3	0	5	12	11	15	26	16	21	18	14	15	12	7	3	0	7·6
0	2	2	0	6	5	0	5	3	0	3	12	17	23	24	25	20	20	20	18	14	20	11	15	11·0
14	6	12	15	11	11	14	21	21	14	17	23	22	27	—	22	15	18	14	13	11	13	4	13	15·3
9	6	6	6	3	10	15	16	18	22	20	20	26	22	24	31	18	21	16	15	14	9	4	0	14·6
0	13	17	11	16	17	22	25	23	16	26	22	21	25	22	24	22	20	12	12	15	7	16	18	17·6
18	13	19	17	13	12	12	16	13	13	14	14	11	19	14	19	20	23	16	14	16	7	5	11	14·5
15	13	7	12	10	11	2	2	0	0	4	11	10	10	16	15	12	16	13	11	6	10	11	8	9·4
11	6	9	9	7	4	6	11	14	17	20	17	24	23	23	21	22	13	18	12	10	6	3	0	12·8
0	0	0	0	0	0	0	0	13	12	14	15	16	24	16	19	9	8	6	7	4	6	5	2	7·3
									6															
0	0	1	0	0	0	0	0	1		6	15	12	13	15	14	18	17	18	16	24	16	17	7	9·0
13	7	8	5	4	4	8	3	3	12	8	10	11	14	16	22	15	14	14	9	12	6	7	6	9·6
0	6	8	2	6	13	11	15	16	18	20	24	21	22	22	22	23	20	15	14	8	14	14	14	14·5
14	13	16	8	16	18	15	23	25	24	26	22	30	25	32	31	28	19	25	23	23	15	12	14	20·7
14	15	18	19	17	8	7	7	16	25	22	25	21	26	28	23	16	16	14	13	14	8	7	3	15·9
4	2	0	0	0	0	0	12	5	19	14	20	15	20	25	23	19	21	13	18	14	12	11	4	10·9
10	8	9	7	4	7	0	1	1	1	1	4	15	18	6	14	16	15	3	7	2	2	0	0	6·3
0	0	3	5	5	6	7	5	1	1	6	3	14	20	27	26	18	14	16	0	0	15	11	18	9·2
14	22	17	18	17	23	13	18	18	15	16	16	25	17	27	26	27	22	20	19	14	9	13	13	18·3
15	12	11	11	8	13	9	12	16	14	20	14	15	16	21	21	16	20	18	14	14	29	18	16	15·1
14	14	16	17	18	17	14	15	20	16	17	24	26	22	23	26	23	22	18	14	16	23	24	22	19·2
17	19	22	24	15	22	21	24	24	21	23	22	27	24	25	25	22	24	25	18	18	20	23	18	21·8
18	21	15	8	16	16	23	17	21	20	25	27	27	20	29	32	26	25	16	18	25	20	18	18	20·9
16	13	14	16	18	18	18	14	18	20	18	20	20	21	21	25	20	25	25	17	17	16	13	14	18·2
12	8	12	12	10	6	10	16	13	12	18	16	17	19	18	19	20	16	16	15	17	18	16	11	14·5
18	13	14	12	13	14	14	15	13	15	22	16	21	18	26	24	24	22	18	15	10	15	10	13	16·5
16	15	13	16	17	16	8	16	17	15	18	22	22	15	21	21	22	23	19	15	13	12	14	12	16·6
3	4	7	5	1	12	13	16	13	17	20	15	18	19	24	23	23	9	8	7	7	6	3	0	11·4
0	0	0	0	0	0	0	0	0	10	13	11	14	14	14	20	23	15	16	15	6	7	0	0	7·4
0	0	0	0	0	0	0	0	0	5	4	10	11	10	11	22	17	8	10	18	13	10	6	4	6·6
3	0	3	1	0	0	2	3	6	9	12	9	16	17	20	18	17	15	11	10	10	5	4	4	8·1
·0	8.4	9·5	8·6	8·5	9·4	8·9	11·1	11·7	12·6	15·1	16·3	18·5	19·2	21·2	22·3	19·7	17·9	15·5	13·7	12·4	11·6	10·0	9·1	13·3

August, 1905.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	6	2	3	3	5	7	4	6	6	14	8	10	10	8	17	12	10	14	9	9	10	9	8	2	8·0
2	4	5	4	8	8	2	12	11	8	12	5	15	15	17	17	20	13	19	14	12	6	5	5	7	10·2
3	5	5	5	7	6	6	6	2	9	9	7	11	13	21	18	22	23	26	20	20	16	14	15	12	12·4
4	8	6	13	10	13	12	14	17	10	14	15	22	25	22	23	14	14	8	11	16	10	13	15	15	14·2
5	5	0	0	2	0	4	0	2	2	3	5	7	17	10	10	12	16	15	14	14	17	13	12	13	8·0
6	3	5	3	3	0	3	5	4	12	11	13	14	17	20	25	25	15	15	20	20	10	13	9	12	11·5
7	13	13	11	14	15	15	18	16	19	18	20	25	32	26	26	25	20	17	14	20	17	15	14	17	18·3
8	19	19	18	22	23	26	24	27	26	22	22	20	21	24	27	23	32	25	20	15	19	16	10	12	21·3
9	13	13	20	20	15	14	20	17	29	25	20	26	19	25	23	22	17	22	25	24	14	14	12	21	19·6
10	26	16	17	15	17	12	16	12	16	14	20	21	21	25	24	15	16	13	9	11	18	20	15	11	16·7
11	6	16	12	12	7	1	7	12	5	5	10	9	19	15	17	19	15	15	15	19	17	12	8	10	11·8
12	5	12	11	10	7	11	18	21	21	23	24	19	27	28	26	14	23	22	17	21	14	14	17	12	17·4
13	9	14	13	18	21	19	22	21	23	25	26	25	24	24	23	23	27	25	24	20	15	18	18	13	20·4
14	19	19	16	21	14	16	16	14	13	10	16	14	17	16	24	19	18	13	13	16	7	10	10	8	15·0
15	6	7	4	0	1	0	0	0	0	5	6	10	13	16	20	20	17	13	21	12	14	12	4	13	8·9
16	5	11	5	8	9	7	14	8	7	7	7	10	20	16	22	18	15	15	16	15	8	12	8	5	11·2
17	4	7	12	10	8	12	14	14	20	21	26	24	26	26	24	30	23	26	16	16	20	17	22	18	18·2
18	29	24	19	18	26	24	24	30	27	26	22	30	24	24	28	29	27	24	26	23	28	22	13	15	24·2
19	12	16	14	17	14	14	18	20	16	21	25	28	26	28	16	27	22	15	26	22	20	24	24	24	20·4
20	18	24	24	14	22	15	17	12	16	10	14	10	13	17	17	24	20	24	12	9	4	13	8	11	15·3
21	12	12	14	20	10	10	12	6	10	5	5	6	7	22	27	21	12	7	12	13	10	5	4	9	11·3
22	8	9	2	4	6	7	5	4	5	10	11	12	14	20	16	20	14	22	16	21	13	15	15	13	11·8
23	3	2	3	9	3	3	8	8	4	2	20	18	19	19	16	20	21	23	18	18	14	16	22	12	12·5
24	18	19	20	20	25	18	20	24	12	20	19	22	27	27	25	26	24	19	27	18	16	24	18	21	21·2
25	14	20	16	20	13	22	11	24	25	20	12	19	15	20	20	21	21	27	14	15	16	12	12	7	17·3
26	8	8	6	6	7	12	4	5	5	9	6	10	13	17	18	15	21	14	10	16	12	10	8	3	10·1
27	11	8	7	11	3	8	9	3	8	11	11	16	18	20	21	17	17	15	16	11	7	12	8	9	11·5
28	10	8	17	14	20	20	23	22	20	18	23	24	26	27	29	26	23	22	21	17	15	13	12	12	19·2
29	13	14	14	17	12	14	14	7	17	18	15	23	20	19	24	18	11	11	6	5	8	9	8	8	13.5
30	6	15	15	16	17	13	16	21	18	15	13	15	18	14	15	15	16	20	12	9	6	2	2	3	13·0
31	0	2	0	5	0	0	0	0	0	13	15	21	23	19	25	16	14	11	7	15	7	6	10	8	9·0
Mean	10·2	11·3	10·9	12·1	11·2	11·2	12·6	12·6	13·2	14·1	14·9	17·3	19·3	20·4	21·4	20·3	18·6	18·0	16·2	15·9	13·2	13·2	11·8	11·5	14·6

Wind Velocity (in kilometres per hour).

(Dines' Self-Registering Pressure Anemometer.)

September, 1905. ALEXANDRIA.

Date	Hours of Observation.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt	Mean
1	5	5	0	8	1	6	10	8	17	24	25	25	25	29	26	21	28	22	28	28	32	28	26	28	19·[illegible]
2	24	26	22	24	20	18	15	12	16	20	18	22	22	21	20	22	28	25	25	21	18	19	14	15	20·[illegible]
3	14	20	14	13	18	19	18	20	18	22	17	21	26	15	26	23	14	17	14	16	10	8	8	4	16·[illegible]
4	2	7	4	8	0	0	0	4	7	7	12	17	24	14	14	13	11	4	4	4	4	0	0	0	6.[illegible]
5	0	0	0	0	0	0	0	13	16	23	20	25	23	25	25	27	20	18	19	21	11	14	6	17	13·[illegible]
6	15	16	18	15	14	10	11	9	5	15	17	17	17	23	12	17	21	15	12	16	12	15	17	21	15·[illegible]
7	16	16	23	16	13	11	10	9	10	8	10	11	10	15	15	15	22	12	17	14	10	11	9	8	13·[illegible]
8	7	6	13	9	6	6	12	8	12	7	12	8	12	10	13	13	11	19	14	11	12	14	10	5	10·[illegible]
9	7	5	8	4	3	0	5	6	4	6	10	11	11	13	12	16	9	8	10	10	15	7	7	10	8·[illegible]
10	8	8	15	13	16	8	11	12	11	11	11	9	12	9	16	15	14	13	12	15	15	13	13	12	12·[illegible]
11	18	16	13	15	12	19	11	17	14	11	13	17	12	16	20	12	16	12	14	12	12	17	20	14	14·[illegible]
12	14	10	7	13	9	5	13	14	13	10	16	12	14	19	19	28	20	19	19	14	12	13	14	6	13·[illegible]
13	7	5	5	4	4	7	12	20	15	18	18	21	22	23	20	26	27	22	22	13	17	17	18	15	15·[illegible]
14	16	19	20	21	14	21	21	16	18	20	13	16	22	28	22	28	19	32	20	17	18	15	14	16	19·[illegible]
15	14	12	14	16	16	16	18	13	17	22	24	25	23	29	22	28	21	18	17	13	18	8	15	12	18·[illegible]
16	8	8	6	10	4	0	2	1	5	16	4	11	11	15	18	16	12	6	6	6	13	16	13	12	9·2
17	10	14	8	13	13	11	12	8	10	12	10	11	8	13	15	9	13	7	13	15	7	6	13	13	11·6
18	11	7	5	5	5	0	0	0	1	1	7	12	15	16	15	7	5	13	13	4	3	2	6	13	6·9
19	9	10	10	5	8	9	6	5	11	2	5	13	18	23	26	18	21	20	19	23	18	10	19	19	13·6
20	18	13	12	10	8	5	5	4	8	10	5	9	15	10	12	12	14	10	9	6	4	2	0	6	8·6
21	4	3	0	0	0	0	0	0	1	3	2	5	19	12	10	15	12	12	12	12	2	1	0	2	5·3
22	0	0	0	0	0	0	0	0	0	2	5	10	8	9	9	8	8	10	10	13	14	13	4	2	5·2
23	1	0	0	0	0	0	0	0	2	4	3	6	5	9	10	14	13	10	10	8	8	8	6	2	5·0
24	4	0	4	0	0	2	0	0	4	6	7	10	13	20	22	20	15	17	7	7	8	7	4	2	7·5
25	4	11	9	10	12	14	12	11	4	11	15	9	10	11	8	9	12	12	12	10	13	8	14	14	10·6
26	11	12	8	12	8	7	4	4	0	11	15	11	14	15	13	14	6	6	9	5	2	1	0	0	7·8
27	0	0	0	0	0	0	0	0	0	0	0	7	7	13	16	14	8	3	4	6	6	2	0	0	3·6
28	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4	6	9	9	3	1	0	0	0	1·4
29	0	0	0	0	0	0	0	0	0	0	2	8	9	11	6	12	8	9	8	8	3	9	4	0	4·0
30	0	0	0	0	0	0	0	0	0	0	5	6	2	5	6	5	9	10	11	10	8	12	7	9	4·4
Mean	8·2	8·3	7·9	8·1	6·9	6·5	6·9	7·1	8·0	10·1	10·7	12·8	14·3	15·7	15·6	16·1	14·8	13·7	13·3	12·0	10·9	9·9	9.4	9·2	10·7

October, 1905.

Date	Hours of Observation.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt	Mean
1	10	8	0	0	0	0	0	5	5	5	12	5	9	11	14	16	17	12	10	6	9	6	9	0	7·0
2	0	0	0	0	0	0	0	3	0	0	0	0	0	1	6	6	4	7	7	2	4	4	5	7	2·3
3	7	10	6	14	12	9	10	13	10	1	0	0	0	0	7	8	8	12	9	7	8	11	10	14	7·8
4	9	10	9	10	5	3	0	0	6	4	14	14	18	27	27	28	29	29	23	21	18	14	14	14	14·4
5	9	12	19	15	14	15	13	18	13	15	6	15	18	15	18	24	16	18	15	15	13	13	8	10	14·5
6	13	5	9	7	13	7	8	11	13	9	12	13	10	10	9	8	2	0	3	2	0	0	0	0	6·8
7	0	0	0	0	0	0	0	1	0	0	3	7	10	7	9	15	11	8	6	7	2	0	3	2	3·8
8	0	4	4	5	0	0	0	0	0	0	0	13	8	5	6	5	8	8	5	1	0	0	0	0	3·0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	7	8	7	12	3	8	8	1	0	2·7
10	0	0	0	0	0	0	0	3	1	4	4	0	12	5	11	10	21	15	22	13	13	4	10	7	6·5
11	0	4	3	5	10	7	8	10	13	14	14	21	18	27	32	32	24	17	20	17	16	14	14	13	14·7
12	17	16	13	12	15	11	16	20	28	31	25	21	19	19	22	23	19	18	15	18	20	15	12	11	18·2
13	8	7	5	0	1	2	2	3	0	5	8	10	5	13	8	10	11	11	11	12	10	9	9	4	6·8
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	8	9	0	0	4	8	11	5	2·5
15	14	16	19	17	12	14	14	7	18	31	26	12	4	0	2	6	3	0	0	4	1	2	17	16	10·6
16	20	12	8	10	4	6	1	0	2	0	2	6	4	6	4	7	13	13	18	10	9	11	3	6	7·2
17	0	0	0	0	0	0	0	0	0	4	8	7	8	6	5	10	8	9	5	10	9	8	0	0	4·0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	11	2	0	0	0	0	0	1·2
19	0	0	0	1	0	0	0	6	19	15	16	14	23	19	20	17	17	14	15	14	16	19	17	12	11·4
20	18	11	14	12	2	14	7	26	18	16	22	22	20	10	13	20	14	26	19	16	20	14	5	12	15·[illegible]
21	10	9	1	1	0	0	0	0	0	0	0	2	2	3	5	2	5	1	2	0	0	0	6	6	2·[illegible]
22	8	6	4	6	6	10	12	12	8	14	11	14	14	12	25	30	24	14	21	20	21	24	19	14	14·5
23	10	8	10	3	4	2	5	4	6	8	9	9	5	8	29	31	16	5	2	0	5	6	11	9	8·5
24	14	10	11	17	14	16	11	19	19	15	20	19	22	24	18	18	23	22	22	23	24	28	24	28	19·[illegible]
25	21	27	28	31	24	26	20	22	14	11	15	15	15	10	16	17	14	15	15	20	25	17	22	16	19·0
26	20	15	5	4	6	15	23	7	23	17	20	20	23	23	24	23	26	26	27	26	22	26	19	22	19·[illegible]
27	23	23	22	24	19	19	21	22	15	18	17	16	14	17	15	17	16	16	10	12	8	14	16	15	17·0
28	16	7	0	0	0	0	0	8	8	4	12	14	15	13	10	13	0	3	2	3	21	23	26	30	9·5
29	25	33	29	30	24	28	17	20	25	20	22	21	22	30	19	23	24	32	30	43	21	19	24	28	25·4
30	23	24	25	24	32	24	23	12	18	15	13	24	12	14	19	20	13	8	20	16	11	13	8	10	17·5
31	8	7	0	1	2	0	0	0	3	1	1	3	3	3	8	3	9	8	8	12	6	6	3	0	3·[illegible]
Mean	9·8	9·2	7·9	8·0	7·1	7·4	6·8	8·1	9·2	8·9	10·1	10·0	10·7	11·0	13·4	14·8	13·6	12·7	12·1	11·4	11.1	10·8	10·5	10·0	10·2

Wind Velocity (in kilometres per hour).

(Dines' Self-Registering Pressure Anemometer.)

November, 1905. ALEXANDRIA.

Date	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean.
1	0	0	0	0	0	0	0	0	0	0	0	12	11	8	8	5	8	8	4	5	6	4	0	0	3·3
2	0	0	0	0	0	0	0	0	0	0	0	5	6	10	15	16	15	12	15	18	12	12	11	10	6.5
3	10	8	10	5	11	15	12	12	17	15	20	17	17	19	22	16	15	15	20	15	22	21	15	15	15·2
4	15	16	10	12	15	20	15	12	20	22	22	12	12	22	9	17	22	17	13	19	15	11	20	10	15·8
5	18	9	22	18	17	18	22	22	23	22	11	12	17	12	23	17	17	26	17	15	17	16	13	19	17·6
6	15	16	19	14	7	18	16	19	16	17	17	12	14	10	13	14	15	15	12	8	12	4	11	15	13·7
7	10	9	7	0	0	0	6	1	6	12	3	0	3	10	16	13	6	13	18	15	11	10	12	10	8·0
8	2	1	0	0	0	0	0	0	4	13	13	16	9	17	13	20	9	23	20	16	16	10	13	12	9·5
9	11	10	5	4	1	2	3	4	7	12	14	6	22	16	22	15	15	10	10	15	10	6	10	2	9·7
10	5	2	5	10	5	0	7	5	9	10	15	18	15	15	27	25	25	25	17	18	14	1	0	0	11·4
11	0	0	0	0	0	0	0	0	0	0	0	1	8	6	0	0	0	0	8	3	0	7	0	0	1·4
12	0	0	0	1	4	5	1	8	0	0	3	0	0	3	0	0	0	12	10	13	12	12	10	9	4·3
13	14	8	10	6	28	20	17	20	30	27	24	26	35	25	25	24	33	32	35	35	37	25	25	35	24·8
14	35	35	22	26	31	25	27	20	25	34	25	24	20	22	25	21	25	15	15	14	8	7	15	12	22·0
15	15	14	10	15	20	15	20	16	17	25	25	25	18	15	15	10	1	0	0	0	0	0	10	8	12·3
16	5	10	12	8	8	9	10	12	10	11	3	4	0	7	17	17	15	12	7	12	13	12	6	10	9.6
17	0	0	0	0	0	0	0	1	13	20	12	20	24	18	15	3	20	29	16	22	20	21	15	13	11·4
18	16	18	16	20	12	10	12	9	12	9	15	15	16	17	15	16	18	21	12	12	15	14	11	8	14·1
19	11	8	6	4	6	0	1	2	1	5	6	13	16	14	6	9	4	8	10	8	15	14	4	8	7·5
20	7	5	10	6	0	0	0	5	0	3	5	7	14	11	10	16	18	19	10	9	7	15	13	16	8·6
21	8	3	12	8	16	19	13	18	20	18	19	18	13	18	16	15	16	21	22	22	24	18	16	20	16·4
22	18	17	20	21	17	12	9	14	14	15	20	14	12	17	5	14	12	11	14	12	15	15	0	0	13·3
23	2	0	0	0	0	0	0	0	0	0	0	5	9	10	10	9	9	9	5	12	12	1	1	0	3·9
24	0	0	0	0	0	0	0	0	0	1	16	14	20	29	15	14	13	0	0	4	1	0	0	0	4·9
25	0	0	0	0	0	0	0	0	0	0	0	0	5	14	20	7	3	6	5	0	0	0	2	1	2·6
26	0	0	0	0	1	8	14	15	17	20	25	20	22	17	20	19	25	15	15	8	9	12	15	15	13·0
27	14	14	13	0	0	0	0	26	30	0	27	30	24	24	27	20	24	25	20	12	10	0	14	15	15·4
28	24	16	17	12	20	17	3	0	17	7	0	15	17	17	10	10	5	1	5	6	5	7	2	10	10·1
29	5	0	1	2	1	1	1	15	3	2	13	8	10	5	7	7	3	12	4	9	8	8	8	0	5·5
30	0	0	0	0	0	0	0	0	0	0	0	10	5	8	10	8	6	10	8	10	5	5	0	2	3·6
Mean	8·7	7·3	7·6	6·4	7·3	7·1	7·0	8·5	10·4	10·7	11·8	12·6	13·8	14·2	14·5	13·2	13·2	13·8	12·2	12·2	11·7	9·6	9·1	9·2	10·5

December, 1905.

Date	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Mean.
1	2	0	0	0	0	0	0	2	4	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0·8
2	1	5	2	0	8	9	7	12	9	13	14	10	15	13	13	3	2	1	30	32	36	36	32	20	13·5
3	35	30	27	29	10	16	23	26	26	23	22	19	18	14	16	14	15	8	1	0	0	2	3	1	15·8
4	8	12	8	8	3	4	7	7	9	11	16	18	15	22	24	20	15	20	16	12	12	15	16	18	13.2
5	22	22	19	16	18	14	12	19	24	32	34	35	32	30	29	27	26	21	15	15	15	14	0	0	20·5
6	0	0	0	0	0	0	0	0	0	4	0	8	2	4	11	8	11	11	12	9	9	14	4	5	4·7
7	6	2	7	5	7	10	8	8	10	18	12	15	26	23	23	25	17	18	14	14	14	13	9	13	13·2
8	8	10	8	10	10	15	16	13	19	22	21	22	22	17	18	20	21	20	19	12	16	10	7	12	15·2
9	15	14	9	13	20	22	16	27	23	23	30	21	15	31	23	25	26	24	34	24	24	21	20	28	22·0
10	27	21	22	15	21	16	14	26	18	10	18	22	16	22	24	23	21	21	16	17	24	22	18	19	19·7
11	25	21	22	20	19	19	16	21	16	21	8	8	16	14	19	12	19	16	11	13	8	12	8	9	15·5
12	7	12	8	10	1	0	0	7	6	14	7	6	0	6	4	6	8	10	13	12	3	0	0	4	6·0
13	2	0	0	0	0	0	0	2	12	8	11	8	1	8	12	4	3	0	0	0	0	0	0	0	3·0
14	0	0	0	0	0	2	7	9	11	14	12	13	16	15	10	9	10	12	12	26	26	28	33	34	12·5
15	21	22	20	20	28	34	25	42	36	26	27	30	14	18	11	27	31	38	28	38	29	30	33	42	27·9
16	37	35	40	41	40	37	40	50	36	31	37	33	40	40	32	36	28	33	35	35	34	26	35	32	36·0
17	36	35	26	28	29	35	31	25	32	36	35	38	41	36	33	30	34	25	24	20	28	32	33	26	31·2
18	32	32	40	36	24	25	34	22	36	22	40	39	45	40	32	30	28	23	25	38	35	24	12	37	31·3
19	30	28	16	5	20	4	24	18	21	14	18	26	25	25	32	21	28	25	25	25	16	28	35	25	22·2
20	26	20	26	28	22	35	33	36	19	35	34	32	36	35	30	28	32	18	22	24	18	21	10	15	26·5
21	2	3	7	0	0	0	0	2	0	0	0	0	8	4	0	0	8	2	0	0	0	0	2	0	1·6
22	0	0	0	6	12	13	0	4	17	18	8	10	9	20	24	18	24	26	20	28	18	17	23	17	13·8
23	14	10	14	13	6	16	8	12	13	18	18	20	23	37	30	22	23	16	14	22	2	26	23	8	17·0
24	12	0	16	24	27	21	29	15	22	25	23	20	26	32	25	27	18	22	13	16	9	21	13	12	19·1
25	0	0	0	5	9	15	0	5	7	12	23	10	23	23	25	18	32	26	20	25	28	26	31	21	16·0
26	22	17	21	14	22	19	29	22	22	19	17	20	16	16	8	13	0	0	0	2	0	4	2	0	12·7
27	0	7	3	4	4	0	0	6	3	0	6	3	2	5	2	4	2	0	0	0	0	3	5	5	2·7
28	0	5	5	3	0	3	0	0	5	9	6	5	0	0	0	4	0	0	1	0	6	2	4	6	2·7
29	1	0	0	0	0	0	3	6	6	6	3	3	0	12	8	4	10	12	10	8	4	6	0	0	4·2
30	0	0	0	0	0	0	0	5	0	5	3	6	0	8	6	4	0	0	3	2	0	0	0	3	1·9
31	5	9	8	8	12	21	29	20	21	23	24	23	25	36	30	30	25	23	28	28	30	26	23	31	22·0
Mean	12·8	12·0	12·1	11·6	12·0	13·1	12·7	15·1	15·6	16·6	17·3	16·9	17·0	19·6	17·9	16·5	16·7	15·2	14·9	16·0	14·3	15·4	14·0	14·3	15·0

Wind Velocity (in kilometres per hour).

(Dines' Self-Registering Pressure Anemometer.)

ALEXANDRIA.

MONTHLY MEANS FOR EVERY HOUR.

Month	Hours of observation.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	Me
January ..	**10·9**	**10·9**	11·5	12·4	11·2	11·7	**10·9**	11·8	13·2	15·8	**18·1**	17·7	17·8	17·3	17·3	17·4	14·5	14·0	13·3	12·4	11·3	11·6	12·4	12·7	13
February .	16·6	**13·5**	16·1	**13·5**	14·0	14·3	15·1	15·4	17·1	18·4	20·7	20·2	21·2	20·7	**22·4**	21·8	19·4	17·8	17·4	15·5	14·2	14·6	14·4	14·4	17
March	16·3	16·4	15·2	15·2	16·4	16·5	15·1	16·3	16·2	15·1	17·9	17·6	17·5	19·3	**20·4**	18·4	18·8	16·8	16·7	18·2	17·1	**14·8**	16·2	17·4	16
April	11·2	12·0	12·2	11·7	11·6	**10·1**	10·2	11·4	12·9	13·1	13·7	13·4	15·4	16·9	15·5	**17·4**	16·5	14·9	14·6	15·3	14·4	13·7	12·6	12·3	13
May	11·1	11·5	12·4	11·9	12·4	11·8	11·8	12·8	11·8	12·4	14·1	15·2	17·0	16·9	17·2	**17·9**	17·2	16·0	15·3	14·9	14·4	13·1	**10.6**	11·1	13
June	11·3	11·6	11·2	9·5	**8·4**	**8·4**	8·9	10·6	11·0	12·7	14·2	16·5	16·3	18·2	19·3	**19·8**	19·5	18·9	17·0	15·7	14·8	14·5	12·3	11·4	13
July	9·0	**8·4**	9·5	8·6	8.5	9·4	8·9	11·1	11·7	12·6	15·1	16·3	18·5	19·2	21·2	**22·3**	19·7	17·9	15·5	13·7	12·4	11·6	10·0	9·1	13
August ...	**10·2**	11·3	10·9	12.1	11·2	11·2	12·6	12·6	13·2	14·1	14·9	17·3	19·3	20·4	**21·4**	20·3	18·6	18·0	16·2	15·9	13·2	13·2	11·8	11·5	14
September.	8·2	8·3	7·9	8·1	6·9	**6·5**	6·9	7·1	8·0	10·1	10·7	12·8	14·3	15·7	15·6	**16·1**	14·8	13·7	13·3	12·0	10·9	9·9	9·4	9·2	10
October...	9·8	9·2	7·9	8·0	7·1	7·4	**6·8**	8·1	9·2	8·9	10·1	10·9	10·7	11·0	13·4	**14·8**	13·6	12·7	12·1	11·4	11·1	10·8	10·5	10·0	10
November.	8·7	7·3	7·6	**6·4**	7·3	7·1	7·0	8·5	10·4	10·7	11·8	12·6	13·8	14·2	**14·5**	13·2	13·2	13·8	12·2	12·2	11·7	9·6	9·1	9·2	10
December.	12·8	12·0	12·1	**11·6**	12·0	13·1	12·7	15·1	15·6	16·6	17·3	16·9	17·0	**19·6**	17·9	16·5	16·7	15·2	14·9	16·0	14·3	15·4	14·0	14·3	15
Mean ...	11·3	11·0	11·2	10·8	**10·6**	**10·6**	**10·6**	11·7	12·5	13·4	14·9	15·6	16·6	17·4	**18·0**	**18·0**	16·9	15·8	14·9	14·4	13·3	12·7	11·9	11·9	13

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR OF OBSERVATIONS.

January ..	—2·9	—2·9	—2·3	—1·4	—2·6	—2·1	—2·9	—2·0	—0·6	+2·0	+4·3	+3·9	+4·0	+3·5	+3·5	+3·6	+0·7	+0·2	—0·5	—1·4	—2·5	—2·2	—1·4	—0·9	.
February..	—0·4	—3·5	—0·9	—3·5	—3·0	—2·7	—1·9	—1·6	+0·1	+1·4	+3·7	+3·2	+4·2	+3·7	+5·4	+4·8	+2·4	+0·8	+0·3	—1·5	—2·8	—2·4	—2·6	—2·6	.
March	—0·6	—0·5	—1·7	—1·7	—0·5	—0·4	—1·8	—0·6	—0·7	—1·8	+1·0	+0·7	+0·6	+2·4	+3·5	+1·5	+1·9	—0·1	—0·2	+1·3	+0·2	—2·1	—0·7	+0·5	.
April	—2·3	—1·5	—1·3	—1·8	—1·9	—3·4	—3·3	—2·1	—0·6	—0·4	+0·2	—0·1	+1·9	+3·4	+2·0	+3·9	+3·0	+1·4	+1·1	+1·8	+0·9	+0·2	—0·9	—1·2	.
May	—2·6	—2·2	—1·3	—1·8	—1·3	—1·9	—1·9	—0·9	—1·9	—1·3	+0·1	+1·5	+3·3	+3·2	+3·5	+4·2	+3·5	+2·3	+1·6	+1·2	+0·7	—0·6	—3·1	—2·6	.
June	—2·5	—2·2	—2·6	—1·3	—5·4	—5·4	—1·9	—3·2	—2·8	—1·1	+0·4	+2·7	+2·5	+4·4	+5·5	+6·0	+5·7	+5·1	+3·2	+1·9	+1·0	+0·7	—1·5	—2·4	.
July	—4·3	—4·9	—3·8	—4·7	—4·8	—3·9	—1·4	—2·2	—1·6	—0·7	+1·8	+3·0	+5·2	+5·9	+7·9	+9·0	+6·4	+4·6	+2·2	+0·4	—0·9	—1·7	—3·3	—4·2	.
August ...	—4·4	—3·3	—3·7	—2·5	—3·4	—3·4	—2·0	—2·0	—1·4	—0·5	+0·3	+2·7	+4·7	+5·8	+6·8	+5·7	+4·0	+3·4	+1·6	+1·3	—1·4	—1·4	—2·8	—3·1	.
September	—2·5	—2·4	—2·8	—2·6	—3·8	—4·2	—3·8	—3·6	—2·7	—0·6	0·0	+2·1	+3·6	+5·0	+4·9	+5·4	+4·1	+3·0	+2·6	+1·3	+0·2	—0·8	—1·3	—1·5	.
October...	—0·4	—1·0	—2·3	—2·2	—3·1	—2·8	—3·4	—2·1	—1·0	—1·3	—0·1	+0·7	+0·5	+0·8	+3·2	+4·6	+3·4	+2·5	+1·9	+1·2	+0·9	+0·6	+0·3	—0·2	.
November.	—1·8	—3·2	—2·9	—1·1	—3·2	—3·1	—3·5	—2·0	—0·1	+0·2	+1·3	+2·1	+3·3	+3·7	+4·0	+2·7	+2·7	+3·3	+1·7	+1·7	+1·2	—0·9	—1·4	—1·3	.
December.	—2·2	—3·0	—2·9	—3·4	—3·0	—1·9	—2·3	+0·1	+0·6	+1·6	+2·3	+1·9	+2·0	+4·6	+2·9	+1·5	+1·7	+0·2	—0·1	+1·0	—0·7	+0·4	—1·0	—0·7	.
Mean ...	—2·3	—2·6	—2·4	—2·8	—3·0	—3·0	—3·0	—1·9	—1·1	—0·2	+1·3	+2·0	+3·0	+3·8	+4·4	+4·4	+3·3	+2·2	+1·3	+0·8	—0·3	—0·9	—1·7	—1·7	.

Sunshine

Campbell-Stokes Sunshine Recorder.

ALEXANDRIA 1905.

DATE	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		DATE
	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	
1	10 06	8 25	10 39	8 30	11 27	9 30	12 24	10 30	13 13	12 10	13 48	12 15	13 53	12 28	13 27	12 25	12 42	11 30	11 51	7 10	10 54	8 50	10 14	8 40	1
2	10 06	8 35	10 40	8 10	11 29	5 56	12 26	10 03	13 14	11 55	13 48	12 15	13 53	12 05	13 27	12 30	12 41	11 20	11 49	7 50	10 52	8 00	10 12	8 15	2
3	10 07	8 57	10 42	8 40	11 31	7 10	12 28	10 50	13 16	12 00	13 50	12 55	13 53	12 25	13 25	12 00	12 39	11 10	11 47	7 42	10 50	8 35	10 12	8 20	3
4	10 07	8 45	10 44	8 10	11 33	0 00	12 31	11 05	13 18	12 00	13 50	10 45	13 53	12 30	13 25	12 10	12 37	10 20	11 44	6 42	10 49	7 20	10 10	8 21	4
5	10 08	2 15	10 45	4 03	11 35	8 48	12 32	11 40	13 18	12 00	13 50	12 35	13 52	12 25	13 23	12 10	12 36	11 10	11 43	7 45	10 47	8 58	10 10	8 32	5
6	10 09	7 45	10 47	6 14	11 36	2 07	12 34	11 08	13 19	12 00	13 51	6 40	13 51	12 40	13 22	11 50	12 34	11 50	11 41	7 00	10 45	8 28	10 10	6 40	6
7	10 10	2 30	10 49	7 24	11 40	0 00	12 34	10 05	13 21	— —	13 51	12 35	13 51	12 40	13 21	11 53	12 34	11 13	11 40	7 10	10 45	7 53	10 08	8 05	7
8	10 10	8 30	10 50	1 26	11 41	8 40	12 36	11 58	13 23	— —	13 51	12 10	13 51	12 35	13 19	11 20	12 32	11 20	11 38	7 45	10 44	8 05	10 08	5 30	8
9	10 12	7 10	10 52	2 42	11 43	9 20	12 37	11 10	13 25	— —	13 53	12 25	13 50	12 45	13 18	10 55	12 29	11 50	11 36	7 48	10 42	8 40	10 08	6 30	9
10	10 12	7 45	10 54	5 44	11 44	9 30	12 39	11 25	13 25	— —	13 53	12 42	13 50	12 30	13 16	11 40	12 27	10 43	11 34	7 50	10 40	7 57	10 06	5 20	10
11	10 12	0 35	10 55	2 20	11 46	9 25	12 42	9 40	13 25	— —	13 53	11 35	13 49	11 20	13 14	10 33	12 26	9 43	11 31	7 40	10 39	4 00	10 06	5 50	11
12	10 14	6 20	10 57	7 16	11 49	8 02	12 44	12 10	13 27	— —	13 53	12 32	13 48	12 45	13 13	11 30	12 24	8 17	11 29	7 45	10 37	4 45	10 06	6 22	12
13	10 15	7 30	10 59	8 20	11 50	9 00	12 45	9 00	13 29	— —	13 55	12 10	13 48	12 28	13 13	12 00	12 23	8 40	11 28	7 55	10 35	6 05	10 05	8 30	13
14	10 16	8 30	11 01	9 15	11 52	9 00	12 47	11 40	13 31	3 42	13 55	12 05	13 46	12 40	13 10	12 12	12 21	8 15	11 26	5 20	10 35	8 00	10 05	6 40	14
15	10 17	8 00	11 03	8 30	11 53	8 40	12 48	11 30	13 31	11 40	13 55	12 30	13 46	12 50	13 09	11 00	12 20	7 43	11 24	1 30	10 33	7 40	10 05	0 00	15
16	10 17	6 55	11 04	7 41	11 55	6 35	12 50	11 25	13 32	8 04	13 55	12 30	13 44	12 40	13 08	11 30	12 18	8 05	11 23	8 15	10 31	8 30	10 05	2 47	16
17	10 19	4 46	11 06	9 10	11 57	9 32	12 52	11 15	13 34	11 00	13 55	12 35	13 44	12 15	13 06	12 00	12 15	8 05	11 21	8 45	10 29	8 00	10 05	7 05	17
18	10 20	2 05	11 08	8 26	12 01	8 35	12 52	11 20	13 34	12 02	13 55	12 35	13 42	12 50	13 04	12 00	12 13	8 10	11 18	5 25	10 29	6 45	10 05	0 10	18
19	10 21	7 56	11 09	7 20	12 02	8 30	12 54	11 35	13 36	11 25	13 55	12 40	13 42	12 10	13 04	11 55	12 13	7 25	11 18	8 25	10 27	8 23	10 05	0 00	19
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21	10 24	7 59	11 13	7 20	12 05	0 00	12 57	5 30	13 40	11 38	13 55	12 37	13 40	7 30	13 00	11 53	12 10	7 45	11 13	7 35	10 25	8 30	10 05	0 00	21
22	10 25	3 30	11 15	9 38	12 07	7 10	12 59	4 37	13 40	12 36	13 55	12 09	13 40	10 45	12 59	11 15	12 07	6 55	11 11	9 20	10 24	9 30	10 05	1 15	22
23	10 25	2 10	11 17	8 52	12 10	8 12	13 00	0 00	13 40	10 44	13 55	11 50	13 39	11 30	12 57	10 45	12 05	8 00	11 09	8 30	10 22	7 40	10 05	0 00	23
24	10 27	3 49	11 18	7 34	12 10	6 58	13 02	2 58	13 40	12 20	13 55	12 35	13 37	12 45	12 56	9 10	12 04	8 00	11 08	8 50	10 22	8 27	10 05	7 05	24
25	10 29	7 35	11 20	8 44	12 12	4 50	13 04	12 00	13 42	7 32	13 55	12 40	13 36	12 50	12 54	10 54	12 02	7 45	11 06	7 05	10 20	1 35	10 05	1 35	25
26	10 31	2 02	11 21	9 28	12 13	2 30	13 05	11 16	13 42	10 57	13 55	12 30	13 36	12 50	12 52	11 05	12 01	7 30	11 04	8 48	10 18	6 50	10 05	6 10	26
27	10 31	5 35	11 24	8 05	12 15	10 35	13 07	10 28	13 46	12 32	13 55	12 40	13 34	11 30	12 52	11 45	11 59	7 20	11 03	8 40	10 18	3 40	10 05	6 30	27
28	10 32	8 30	11 24	9 24	12 17	10 28	13 08	12 15	13 46	12 28	13 55	12 40	13 32	12 00	12 50	11 55	11 56	7 20	11 01	7 25	10 16	5 40	10 05	7 35	28
29	10 35	7 40			12 20	10 15	13 09	2 22	13 48	12 30	13 55	11 57	13 32	10 30	12 48	11 20	11 54	6 50	11 00	1 20	10 16	8 15	10 05	7 55	29
30	10 37	6 50			12 21	9 28	13 11	6 10	13 48	11 25	13 55	12 30	13 31	12 10	12 46	9 15	11 53	7 48	10 58	5 30	10 14	8 10	10 05	8 40	30
31	10 38	7 50			12 23	3 35			13 48	8 35			13 29	12 35	12 45	11 30			10 56	8 20			10 06	3 30	31
Mean	10 19	6 19	11 02	7 06	11 56	7 06	12 48	9 37	13 32	10 57	13 53	12 09	13 44	12 09	13 07	11 30	12 18	9 00	11 23	7 05	10 33	7 21	10 07	5 23	Mean

PORT SAID 1905.

DATE	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		DATE
	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	Possible	Registered	
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	
1	10 06	8 15	10 39	8 30	11 27	7 42	12 24	4 55	13 13	11 00	13 48	9 50	13 53	11 10	13 27	12 50	12 42	9 15	11 51	8 20	10 54	9 15	10 14	8 15	1
2	10 06	8 45	10 40	8 20	11 29	2 56	12 26	8 28	13 14	11 15	13 48	9 40	13 53	12 00	13 27	11 50	12 41	9 30	11 49	8 58	10 52	8 15	10 12	8 50	2
3	10 07	8 45	10 42	8 05	11 31	5 58	12 28	3 02	13 16	11 10	13 50	7 45	13 53	11 15	13 25	11 45	12 39	9 10	11 47	8 40	10 50	8 05	10 12	7 10	3
4	10 07	8 40	10 44	7 30	11 33	0 00	12 31	8 50	13 18	9 45	13 50	10 10	13 53	11 00	13 25	10 30	12 37	9 30	11 44	8 15	10 49	8 50	10 10	7 50	4
5	10 08	0 30	10 45	2 15	11 35	2 50	12 32	9 00	13 18	9 35	13 50	10 45	13 52	10 00	13 23	11 45	12 36	9 20	11 43	7 58	10 47	9 15	10 10	7 45	5
6	10 09	2 35	10 47	5 29	11 36	0 15	12 34	8 40	13 19	6 15	13 51	10 00	13 51	11 30	13 22	11 40	12 34	9 33	11 41	5 45	10 45	9 12	10 10	7 55	6
7	10 10	7 05	10 49	8 25	11 40	0 00	12 34	5 08	13 21	7 20	13 51	10 40	13 51	11 30	13 21	11 30	12 34	9 15	11 40	7 50	10 45	6 45	10 08	7 50	7
8	10 10	8 00	10 50	1 41	11 41	7 58	12 36	7 50	13 23	10 05	13 51	9 45	13 51	11 25	13 19	11 20	12 32	8 50	11 38	9 00	10 44	9 10	10 08	1 10	8
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14	10 16	8 05	11 01	8 10	11 52	5 18	12 47	7 50	13 31	8 10	13 55	10 00	13 46	11 30	13 10	11 20	12 21	8 45	11 26	4 32	10 35	8 00	10 05	6 55	14
15	10 17	7 40	11 03	7 12	11 53	8 45	12 48	7 45	13 31	10 10	13 55	9 00	13 46	11 45	13 09	11 45	12 20	8 33	11 24	4 25	10 33	4 45	10 05	4 00	15
16	10 17	7 30	11 04	4 30	11 55	7 50	12 50	7 43	13 32	9 55	13 55	10 30	13 44	12 25	13 08	11 30	12 18	8 00	11 22	7 25	10 31	8 45	10 05	2 30	16
17	10 19	1 35	11 06	8 00	11 57	8 33	12 52	7 35	13 34	9 00	13 55	10 20	13 44	12 15	13 06	11 15	12 15	8 40	11 21	8 05	10 29	8 40	10 05	0 55	17
18	10 20	0 42	11 08	8 10	12 01	8 34	12 52	6 52	13 34	10 30	13 55	10 00	13 42	12 10	13 04	11 12	12 13	8 43	11 18	7 10	10 29	1 30	10 05	6 18	18
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20	10 23	8 20	11 11	0 22	12 04	6 02	12 56	6 10	13 38	10 00	13 55	10 30	13 40	11 32	13 02	11 22	12 11	7 12	11 15	6 30	10 25	4 00	10 05	2 15	20
21	10 24	7 30	11 13	8 30	12 05	2 20	12 57	3 05	13 40	10 10	13 55	9 50	13 40	12 03	13 00	10 40	12 10	9 10	11 13	8 10	10 25	7 40	10 05	0 20	21
22	10 25	5 52	11 15	8 10	12 07	7 00	12 59	0 40	13 40	12 10	13 55	8 30	13 40	11 30	12 59	10 20	12 07	8 47	11 11	8 00	10 24	8 33	10 05	2 00	22
23	10 25	0 00	11 17	8 52	12 10	7 54	13 00	0 07	13 40	10 50	13 55	9 30	13 39	11 35	12 57	8 25	12 05	8 55	11 09	6 55	10 22	8 35	10 05	6 10	23
24	10 27	1 35	11 18	8 55	12 10	6 22	13 02	4 10	13 40	11 30	13 55	11 10	13 37	10 30	12 56	6 20	12 04	9 00	11 08	8 05	10 22	4 00	10 05	5 20	24
25	10 29	0 26	11 20	8 56	12 12	4 10	13 04	9 45	13 42	9 55	13 55	11 10	13 36	12 00	12 54	8 50	12 02	8 30	11 06	6 50	10 20	6 30	10 05	6 25	25
26	10 31	5 00	11 21	8 35	12 13	2 06	13 06	10 10	13 46	6 00	13 55	11 00	13 36	11 50	12 52	8 00	12 01	6 55	11 04	8 30	10 18	4 00	10 05	4 55	26
27	10 31	7 03	11 24	4 58	12 15	5 10	13 07	9 35	13 42	11 27	13 55	11 00	13 34	11 50	12 52	10 10	11 59	8 10	11 02	8 00	10 18	0 25	10 05	7 15	27
28	10 32	8 15	11 24	8 08	12 17	6 08	13 08	11 10	13 46	11 00	13 55	10 18	13 32	11 30	12 50	9 30	11 56	8 15	11 01	7 40	10 16	7 20	10 05	6 45	28
29	10 35	6 30			12 20	6 05	13 09	4 35	13 48	11 15	13 55	10 10	13 32	11 00	12 48	8 50	11 54	8 57	11 00	3 05	10 16	8 10	10 05	8 45	29
30	10 37	7 30			12 21	8 45	13 11	3 00	13 48	10 30	13 55	10 52	13 31	11 35	12 46	7 00	11 53	8 26	10 58	3 30	10 14	8 20	10 05	8 12	30
31	10 38	2 15			12 23	2 5			13 48	8 40			13 29	11 25	12 45	9 38			10 56	5 30			10 06	4 53	31
Mean	10 19	5 37	11 02	6 48	11 56	5 36	12 48	6 59	13 32	9 46	13 53	14 07	13 44	11 38	13 7	10 28	12 18	8 48	11 23	7 19	10 33	6 41	10 05	5 28	Mean

Duration of Sunshine.

Campbell-Stokes Sunshine Recorder.

KHARTOUM 1905.

Date	January		February		March		April		May		June		July		August		September		October		November		December	
	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.	Possible	Regis.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	—	—	—	—	—	—	—	—	—	—	—	—	13 01	8 50	12 48	8 00	12 26	6 50	12 00	8 00	11 34	9 05	11 16	8 54
2	—	—	—	—	—	—	—	—	—	—	—	—	13 01	10 30	12 48	3 00	12 25	5 45	11 59	8 00	11 33	8 55	11 15	9 15
3	—	—	—	—	—	—	—	—	—	—	—	—	13 01	8 50	12 48	9 00	12 25	9 13	11 58	8 25	11 33	9 00	11 15	9 15
4	—	—	—	—	—	—	—	—	—	—	—	—	13 01	11 00	12 47	6 45	12 24	8 17	11 58	8 05	11 32	8 50	11 14	8 57
5	—	—	—	—	—	—	—	—	—	—	—	—	13 00	7 45	12 46	9 50	12 23	8 55	11 57	8 40	11 31	9 10	11 14	9 18
6	—	—	—	—	—	—	—	—	—	—	—	—	13 00	8 10	12 45	10 10	12 22	8 55	11 56	8 40	11 30	9 00	11 14	8 57
7	—	—	—	—	—	—	—	—	—	—	—	—	12 59	10 15	12 45	8 30	12 21	3 30	11 55	8 30	11 30	9 10	11 14	8 56
8	—	—	—	—	—	—	—	—	—	—	—	—	12 59	10 40	12 44	4 20	12 20	8 47	11 54	7 06	11 29	9 00	11 13	8 40
9	—	—	—	—	—	—	—	—	—	—	—	—	12 59	4 50	12 43	9 35	12 19	8 40	11 53	6 20	11 28	9 10	11 13	9 00
10	—	—	—	—	—	—	—	—	—	—	—	—	12 59	6 40	12 43	5 50	12 18	7 56	11 52	5 50	11 27	9 00	11 13	9 23
11	—	—	—	—	—	—	—	—	—	—	—	—	12 59	5 20	12 42	8 35	12 18	8 50	11 52	5 20	11 27	8 50	11 12	9 15
12	—	—	—	—	—	—	—	—	—	—	—	—	12 58	9 20	12 42	4 50	12 17	7 20	11 51	4 10	11 26	9 00	11 12	9 28
13	—	—	—	—	—	—	—	—	—	—	—	—	12 58	10 10	12 41	6 55	12 16	4 00	11 50	5 30	11 26	7 20	11 12	9 15
14	—	—	—	—	—	—	—	—	—	—	—	—	12 57	7 20	12 40	5 15	12 15	8 48	11 49	6 20	11 25	0 58	11 12	9 12
15	—	—	—	—	—	—	—	—	—	—	—	—	12 57	9 15	12 39	5 15	12 14	8 10	11 48	7 30	11 25	9 20	11 12	8 48
16	—	—	—	—	—	—	—	—	—	—	—	—	12 57	10 50	12 38	0 30	12 14	2 10	11 47	8 25	11 24	9 10	11 12	9 25
17	—	—	—	—	—	—	—	—	—	—	—	—	12 56	10 00	12 38	8 10	12 13	4 15	11 47	2 30	11 23	8 30	11 12	9 25
18	—	—	—	—	—	—	—	—	—	—	—	—	12 56	8 40	12 37	10 15	12 12	6 47	11 46	6 25	11 23	9 10	11 12	9 30
19	—	—	—	—	—	—	—	—	—	—	—	—	12 56	6 25	12 36	5 55	12 11	3 10	11 45	9 10	11 22	8 40	11 12	9 25
20	—	—	—	—	—	—	—	—	—	—	—	—	12 55	9 45	12 35	5 15	12 10	6 50	11 44	9 30	11 21	8 58	11 12	8 50
21	—	—	—	—	—	—	—	—	—	—	—	—	12 54	10 00	12 34	1 00	12 09	0 23	11 43	9 05	11 21	2 05	11 11	8 50
22	—	—	—	—	—	—	—	—	—	—	—	—	12 54	10 05	12 34	7 40	12 08	6 40	11 43	9 25	11 20	4 00	11 11	9 07
23	—	—	—	—	—	—	—	—	—	—	13 02	10 20	12 53	11 05	12 33	5 00	12 07	6 50	11 42	9 00	11 20	8 58	11 11	9 26
24	—	—	—	—	—	—	—	—	—	—	13 02	8 00	12 53	11 32	12 32	9 02	12 06	7 50	11 41	8 30	11 19	8 15	11 10	9 35
25	—	—	—	—	—	—	—	—	—	—	13 02	6 25	12 53	11 10	12 32	5 50	12 05	7 00	11 40	8 55	11 18	9 10	11 10	8 20
26	—	—	—	—	—	—	—	—	—	—	13 02	10 10	12 52	8 10	12 31	3 50	12 05	7 39	11 40	9 20	11 17	9 10	11 10	9 00
27	—	—	—	—	—	—	—	—	—	—	13 02	11 05	12 51	0 45	12 30	10 40	12 04	9 00	11 39	8 52	11 17	9 10	11 10	9 20
28	—	—	—	—	—	—	—	—	—	—	13 02	9 15	12 51	7 00	12 29	6 40	12 03	8 50	11 38	8 30	11 17	9 50	11 10	9 05
29	—	—			—	—	—	—	—	—	13 02	10 00	12 50	10 30	12 28	2 25	12 02	8 33	11 37	5 15	11 17	6 00	11 10	9 18
30	—	—			—	—	—	—	—	—	13 01	7 30	12 50	7 30	12 27	7 30	12 01	7 30	11 36	8 20	11 16	7 30	11 10	8 40
31	—	—			—	—			—	—			12 49	7 40	12 27	8 45			11 35	8 50			11 11	9 12
Mean	—	—	—	—	—	—	—	—	—	—	13 02	9 06	12 56	8 43	12 52	6 36	12 14	6 54	11 57	7 38	11 24	8 05	11 12	9 08

Rainfall Stations in Beheira Province, Lower Egypt.

Mersa Matruh.

MONTH	RAINFALL mm. Total	Maximum of one day: Amount	Maximum of one day: Day	Days with ≥ 0·1 (mm. of rain)	Days with ≥ 1·0 (mm. of rain)	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	23·5	12·2	30	6	6	[10	3	6	—	9	3	18	3	—]
February .	54·0	42·5	8	4	4	17	—	10	—	2	4	18	5	—
March ..	10·3	3·8	28	6	4	2	—	7	4	4	4	29	12	—
April . ..	0·0	0·0	0	0	0	6	1	14	4	9	4	15	5	2
May.. ..	0·0	0·0	0	0	0	10	1	14	1	5	1	20	7	3
June . ..	0·0	0·0	0	0	0	5	1	3	—	4	1	30	12	4
July . ..	0·0	0·0	0	0	0	17	—	—	2	—	6	23	12	2
August ..	0·0	0·0	0	0	0	8	1	5	1	3	—	21	19	4
September	0·0	0·0	0	0	0	24	—	—	—	—	—	16	20	—
October ..	0·0	0·0	0	0	0	18	3	13	1	4	1	6	13	3
November	28·2	12·5	4	4	4	20	12	7	—	—	2	7	12	—
December	56·3	18·8	6	6	6	17	6	—	—	—	5	20	14	—
TOTAL..	172·3	—	—	—	—	—	—	—	—	—	—	—	—	—

Ras el Kanais.

MONTH	RAINFALL mm. Total	Maximum of one day: Amount	Maximum of one day: Day	Days with ≥ 0·1 (mm. of rain)	Days with ≥ 1·0 (mm. of rain)	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	No gauge.													
February .	[35·4	16·8	8	5	5]	[5	—	5	—	4	—	8	—	—]
March ..	[0·0	0·0	0	0	0]	[1	—	1	—	—	—	6	—	—]
April . ..	No observations.													
May.. ..														
June . ..	[0·0	0·0	0	0	0]	[12	—	3	—	—	—	11	—	—]
July . ..	0·0	0·0	0	0	0	10	—	2	—	—	—	18	—	1
August ..	0·0	0·0	0	0	0	13	—	—	—	—	—	18	—	—
September	0·0	0·0	0	0	0	15	—	—	—	1	—	14	—	—
October ..	0·0	0·0	0	0	0	1	—	17	—	2	—	11	—	—
November	30·6	17·0	28	3	3	8	—	11	—	—	—	11	—	—
December	52·2	16·2	23	5	5	13	—	2	—	6	—	10	—	—
TOTAL..	118·2	—	—	—	—	—	—	—	—	—	—	—	—	—

Mex.

MONTH	RAINFALL mm. Total	Maximum of one day: Amount	Maximum of one day: Day	Days with ≥ 0·1 (mm. of rain)	Days with ≥ 1·0 (mm. of rain)	N	NE	E	SE	S	SW	W	NW	Variable
1905														
January ..	47·0	15·0	23	12	8	0·5	3·5	3·5	1·5	4·5	5	5	1·5	6
February .	27·7	5·8	9	12	8	0·5	3	2	1	2	4	6	2·5	7
March ..	14·7	7·1	7	3	3	2	—	4	1·5	1·5	1	6·5	8·5	6
April. ..	No observations.													
May.. ..														
June . ..														
July . ..														
August ..														
September														
October ..	15·0	6·4	16	4	4	4·5	4·5	3	4·5	0·5	—	2	8	—
November	33·8	33·8	27	1	1	4	9	3	0·5	0·5	5·5	2·5	3	2
December	150·9	44·1	16	12	11	4·5	2	—	3	2·5	4·5	2	7·5	5
TOTAL..	289·1	—	—	—	—	—	—	—	—	—	—	—	—	—

Kafr Dawar.

MONTH	RAINFALL mm. Total	Maximum of one day: Amount	Maximum of one day: Day	Days with ≥ 0·1 (mm. of rain)	Days with ≥ 1·0 (mm. of rain)	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	27·6	8·8	11	6	6	—	—	—	—	—	—	1	—	5
February .	55·5	11·5	9	9	9	1	—	1	—	—	—	3	—	4
March ..	7·5	5·2	22	2	2	—	—	—	—	—	—	1	—	1
April. ..	No observations.													
May.. ..														
June . ..														
July . ..														
August ..														
September														
October ..	34·8	22·0	15	6	6	1	—	—	—	—	—	—	—	5
November	26·2	26·2	27	1	1	—	—	—	—	—	—	1	—	—
December	150·5	46·2	18	11	10	5	—	—	—	—	—	2	—	4
TOTAL..	302·1	—	—	—	—	—	—	—	—	—	—	—	—	—

Rainfall Stations in Beheira Province, Lower Egypt.

Abu Hommos.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	10·6	3·2	11	5	5	3	—	—	—	—	—	2	—	—
February..	22·5	13·8	8	6	3	—	—	1	—	—	—	5	—	—
March ..	10·5	4·5	30. 31	4	3	—	—	—	—	—	—	3	—	1
April . ..	.. .. No observations.													
May.. ..														
June . ..														
July.. ..														
August ..														
September														
October ..	29·8	21·8	15	3	3	1	—	—	—	—	—	2	—	—
November	4·5	2·8	27	2	2	—	—	—	—	—	—	2	—	—
December.	95·0	37·2	18	10	9	—	—	—	—	—	—	10	—	—
TOTAL..	172·9	—	—	—	—	—	—	—	—	—	—	—	—	—

El Atf.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	21·8	7·5	24	5	5	—	—	—	—	—	—	4	—	—
February..	33·0	15·0	10	7	6	—	—	—	—	—	—	6	—	1
March ..	29·8	22·8	31	3	3	1	—	1	—	—	—	1	—	—
April . ..	.. .. No observations.													
May.. ..														
June . ..														
July.. ..														
August ..														
September														
October ..	22·0	11·2	19	4	4	—	—	—	—	—	—	4	—	—
November	3·5	2·5	27	2	1	—	—	—	—	—	—	2	—	—
December.	71·0	25·0	18	12	9	—	—	—	—	—	—	12	—	—
TOTAL..	181·1	—	—	—	—	—	—	—	—	—	—	—	—	—

Shubrakhit.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	10·0	5·8	23	3	3	—	—	—	—	—	—	—	—	3
February .	14·2	8·0	8	5	4	3	—	—	—	—	—	2	—	—
March ..	16·0	6·8	30	4	4	1	—	—	—	—	—	3	—	—
April . ..	1·0	1·0	1	1	0	1	—	—	—	—	—	—	—	—
May.. ..	.. .. No observations.													
June . ..														
July . ..														
August ..														
September														
October ..	4·5	3·8	24	2	1	1	—	—	—	—	—	1	—	—
November	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
December	66·8	27·8	15	9	7	6	—	—	—	—	—	3	—	—
TOTAL..	112·5	—	—	—	—	—	—	—	—	—	—	—	—	—

Kafr Bulin.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	5·0	5·0	23	1	1	1	—	—	—	—	2	23	2	3
February .	11·5	7·5	8	2	2	—	—	—	—	2	5	19	—	2
March ..	11·0	11·0	31	1	1	1	—	—	—	4	7	10	—	6
April ..	.. .. No observations.													
May.. ..														
June ..														
July ..														
August ..														
September														
October ..	0·0	0·0	0	0	0	4	—	—	—	—	—	—	—	27
November	0·0	0·0	0	0	0	5	—	—	—	—	—	7	—	18
December	28·5	8·0	15	7	6	—	—	1	—	2	1	23	—	4
TOTAL..	56·0	—	—	—	—	—	—	—	—	—	—	—	—	—

Rainfall Stations in Beheira Province, Lower Egypt.

Hosh Issa.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	5·5	5·5	24	1	1	—	—	—	—	—	—	—	—	—
February..	20·0	9·2	8	4	4	—	—	—	—	—	—	—	—	—
March ..	18·5	13·0	21	3	3	—	—	—	—	—	—	—	—	—
April. ..	.. .. No observations.													
May.. ..														
June.. ..														
July.. ..														
August ..														
September.														
October ..	6·4	6·4	21	1	1	—	—	—	—	—	—	—	—	—
November.	10·1	10·1	28	1	1	—	—	—	—	—	—	—	—	—
December.	44·6	13·6	19	7	7	—	—	—	—	—	—	—	—	—
TOTAL..	105·1	—	—	—	—	—	—	—	—	—	—	—	—	—

Damanhur.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	8·5	3·0	23	5	3	1	—	—	—	—	—	4	—	—
February..	18·8	9·8	8	6	6	—	—	—	—	—	—	6	—	—
March ..	24·5	16·2	31	5	3	2	—	1	—	—	—	2	—	—
April. ..	.. .. No observations.													
May.. ..														
June.. ..														
July.. ..														
August ..														
September														
October ..	18·5	10·5	15	4	2	2	—	1	—	—	—	1	—	—
November.	5·5	4·8	27	2	1	1	—	—	—	—	—	1	—	—
December.	72·2	52·5	18	8	7	3	—	—	—	—	—	5	—	—
TOTAL..	148·0	—	—	—	—	—	—	—	—	—	—	—	—	—

Teh el Barud.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	8·1	6·0	23	2	2	—	—	—	—	—	—	—	—	—
February .	16·2	11·2	8	3	3	—	—	—	—	—	—	—	—	—
March ..	15·5	6·0	21	3	3	—	—	—	—	—	—	—	—	—
April. ..	.. .. No observations.													
May.. ..														
June . ..														
July.. ..														
August .														
September														
October .	0	0	0	0	0	—	—	—	—	—	—	—	—	—
November	0	0	0	0	0	—	—	—	—	—	—	—	—	—
December.	37·2	12·0	14	6	6	—	—	—	—	—	—	—	—	—
TOTAL ..	77·0	—	—	—	—	—	—	—	—	—	—	—	—	—

Khatatba.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	0·8	0·5	23	2	0	—	—	—	—	—	—	—	—	—
February .	2·2	1·5	8	2	1	—	—	—	—	—	—	—	—	—
March ..	7·0	5·0	31	3	2	—	—	—	—	—	—	—	—	—
April. ..	.. .. No observations.													
May.. ..														
June . ..														
July.. ..														
August .														
September														
October .	0	0	0	0	0	—	—	—	—	—	—	—	—	—
November	0·2	0·2	27	1	0	—	—	—	—	—	—	—	—	—
December.	6·8	2·8	10	5	3	—	—	—	—	—	—	—	—	—
TOTAL ..	17·0	—	—	—	—	—	—	—	—	—	—	—	—	—

Sudan Rainfall.

Erkowit.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	WIND DIRECTIONS OBSERVATIONS N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..														
February .														
March ..														
April . ..														
May														
June . ..	.. .. No observations.													
July														
August .														
September														
October .														
November	227·2	53·2	19	18	15	7	62	21	—	—	—	—	—	—
December.	132·2	34·3	7	13	8	11	70	12	—	—	—	—	—	—
TOTAL..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Khashm el Girba.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	WIND DIRECTIONS OBSERVATIONS N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..														
February .														
March ..	.. .. No observations.													
April . ..														
May														
June . ..	22·8	6·1	26	9	7	—	—	—	—	—	—	—	—	—
July	173·2	53·5	17	11	11	—	—	—	—	—	—	—	—	—
August .	80·5	41·0	29	9	8	—	—	—	—	—	—	—	—	—
September	55·2	27·2	2	8	7	—	—	—	—	—	—	—	—	—
October .	[22·0]	22·0	15	[1	1]	—	—	—	—	—	—	—	—	—
November	.. .. No observations.													
December.														
TOTAL ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Gedaref.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	WIND DIRECTIONS OBSERVATIONS N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	0·0	0·0	0	0	0	26	4	—	—	—	—	—	—	1
February .	[0·0]	0·0	0	0	0	[20	—	—	—	—	—	—	—	—]
March ..	8·0	8·0	9	1	1	27	1	—	—	—	—	1	1	1
April . ..	0·0	0·0	0	0	0	24	—	1	—	—	—	2	1	2
May	41·0	0·0	0	0	0	15	—	—	—	1	6	3	5	1
June . ..	111·8	?	?	?	?	1	—	—	—	—	22	—	7	—
July	275·2	67	27	16	16	—	—	—	—	27	2	—	2	—
August .	63·8	26·0	15	9	8	—	—	—	—	31	—	—	—	—
September	103·0	?	?	?	?	—	—	—	—	—	—	—	—	—
October .	2·0	2·0	17	1	1	2	3	4	1	9	8	4	—	—
November	42·0	25·0	5	2	2	[4	6	5	—	6	—	—	1	—]
December.	0·0	0·0	0	0	0	7	15	9	—	—	—	—	—	—
TOTAL ..	646·8	—	—	—	—	—	—	—	—	—	—	—	—	—

Abu Deleig.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	WIND DIRECTIONS OBSERVATIONS N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..														
February .														
March ..	.. .. No observations													
April . ..														
May														
June . ..	.. .. (Rainy days)													
July	45·5	29·0	10	4	4	—	—	—	—	—	—	—	—	—
August .	95·5	42·5	25	5	5	—	—	—	—	—	—	—	—	—
September	47·2	18·0	7	4	4	—	—	—	—	—	—	—	—	—
October .	17·5	13·8	14	3	3	—	—	—	—	—	—	—	—	—
November	1·2	1·2	1	1	1	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
TOTAL ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sudan Rainfall.

Kamlin.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	No observations													
February .														
March ..														
April . ..														
May														
June . ..	(Rainy days)													
July	25·2	10·8	20	5	5	—	—	—	—	—	—	—	—	—
August .	45·2	22·8	10	6	5	—	—	—	—	—	—	—	—	—
September	46·2	20·0	7	4	4	—	—	—	—	—	—	—	—	—
October .	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
November	1·5	1·5	22	1	1	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
Total ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Rufaa.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	No observations													
February .														
March ..														
April . ..														
May														
June . ..	(Rainy days)													
July	60·5	26·2	26	6	6	—	—	—	—	—	—	—	—	—
August .	113·2	34·2	1	10	8	—	—	—	—	—	—	—	—	—
September	64·0	32·5	7	6	4	—	—	—	—	—	—	—	—	—
October .	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
November	0·0	0·0	6	0	0	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
Total ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Managil.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	No observations													
February .														
March ..														
April . ..														
May	(Rainy days)					1	—	4	0·5	8·5	9	5	—	—
June . ..	21·0	7·4	26	3	3	—	1	4	—	5	50	—	—	—
July	33·5	15·0	11	4	4	—	—	2	4	8	48	—	—	—
August .	96·8	40·5	16	6	6	—	—	—	—	3	57	2	—	—
September	38·8	18·8	8	4	4	—	—	—	6	14	30	10	—	—
October .	5·0	5·0	13	1	1	23	5	—	3	2	17	12	—	—
November	5·0	?	?	?	?	43	5	5	—	—	—	2	5	—
December.	0·0	0·0	0	0	0	48	11	—	—	—	—	—	3	—
Total ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mesellemia.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	No observations													
February .														
March ..														
April . ..														
May														
June . ..	(Rainy days)													
July	61·5	21·2	11	6	6	—	—	—	—	—	—	—	—	—
August .	70·5	25·5	15	7	7	—	—	—	—	—	—	—	—	—
September	42·5	20·0	18	3	3	—	—	—	—	—	—	—	—	—
October .	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
November	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
Total ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sudan Rainfall.

Sennar.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 0·1 mm. of rain	WIND DIRECTIONS OBSERVATIONS N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	.. .. No observations.													
February .														
March ..														
April . ..														
May	.. .. Rainy days.													
June . ..														
July	[120·8]	45·0	9	[9	9]	—	—	—	—	—	—	—	—	—
August .	132·0	61·0	16	8	8	—	—	—	—	—	—	—	—	—
September	38·5	16·0	25	5	5	—	—	—	—	—	—	—	—	—
October .	15·8	5·0	16	4	4	—	—	—	—	—	—	—	—	—
November	7·5	7·5	5	1	1	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
TOTAL ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Singa.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	WIND DIRECTIONS OBSERVATIONS N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	.. .. No observations.													
February .														
March ..														
April . ..														
May														
June . ..	.. .. (Rainy days.)													
July	56·0	22·0	18	8	7	—	—	—	—	—	—	—	—	—
August .	80·0	23·8	15	14	12	—	—	—	—	—	—	—	—	—
September	56·8	20·5	22	7	7	—	—	—	—	—	—	—	—	—
October .	43·5	26·0	16	3	3	—	—	—	—	—	—	—	—	—
November	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
TOTAL ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Abu Naama.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	WIND DIRECTIONS OBSERVATIONS N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	.. .. No observations.													
February .														
March ..														
April . ..														
May	.. .. Rainy days.													
June . ..														
July														
August .	135·2	42·5	16	10	10	—	—	—	—	—	—	—	—	—
September	60·5	24·0	23	7	7	—	—	—	—	—	—	—	—	—
October .	41·2	24·0	13	3	3	—	—	—	—	—	—	—	—	—
November	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
TOTAL ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Geteina.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	WIND DIRECTIONS OBSERVATIONS N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	.. .. No observations.													
February .														
March ..														
April. ..														
May														
June . ..	.. .. Rainy days.													
July														
August .														
September	4·5	4·5	22	1	1	—	—	—	—	—	—	—	—	—
October .	[18·2]	18·2	14	[1	1]	—	—	—	—	—	—	—	—	—
November	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
TOTAL ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sudan Rainfall.

Nasser (Tawfot 17.11.05)

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	1·5	1·5	30	1	1	—	—	—	—	—	—	—	—	—
February .	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
March ..	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
April . ..	21·5	21·5	14	1	1	—	—	—	—	—	—	—	—	—
May.. ..	44·5	23·2	19	5	4	—	—	—	—	—	—	—	—	—
June . ..	162·0	65·0	1	7	7	—	—	—	—	—	—	—	—	—
July.. ..	82·0	23·8	30	7	7	—	—	—	—	—	—	—	—	—
August .	152·5	49·2	25	8	8	—	—	—	—	—	—	—	—	—
September	119·8	40·5	23	7	7	—	—	—	—	—	—	—	—	—
October .	66·8	27·5	30	7	7	—	—	—	—	—	—	—	—	—
November	19·0	11·2	14	3	3	—	—	—	—	—	—	—	—	—
December.	0·0	0·0	0	0	0	—	—	—	—	—	—	—	—	—
Total ..	669·6	—	—	—	—	—	—	—	—	—	—	—	—	—

Gambela.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	No observations													
February .														
March ..														
April . ..														
May.. ..														
June . ..														
July.. ..														
August .	[264·5]	82·5	20	[7	7]	—	—	—	—	—	—	—	—	—
September	352·0	110·8	12	10	10	—	—	—	—	—	—	—	—	—
October .	73·5	26·5	7	4	4	—	—	—	—	—	—	—	—	—
November	140·8	69·2	19	6	6	—	—	—	—	—	—	—	—	—
December.	[4·0]	?	?	?	?	—	—	—	—	—	—	—	—	—
Total .	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Ghaba Shambe.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	0·0	0·0	0	0	0	5	19	1	1	3	—	—	—	2
February .	0·0	0·0	0	0	0	—	24	—	—	1	—	—	—	3
March ..	0·0	0·0	0	0	0	2	14	5	2	2	1	1	1	3
April . ..	11·5	7·5	29	2	2	—	1	17	3	5	1	1	—	2
May.. ..	53·2	41·8	20	3	3	—	6	4	13	7	1	—	—	—
June . ..	53·5	25·0	15	5	4	—	3	6	8	8	1	3	—	1
July.. ..	120·5	40·0	11	7	6	—	2	6	11	4	—	6	—	2
August .	87·5	32·5	3	8	7	—	—	11	7	6	3	4	—	—
September	231·5	87·0	16	9	8	2	1	3	11	5	1	4	3	—
October .	68·0	28·0	11, 18	5	5	1	3	11	8	3	1	4	—	—
November	19·5	10·0	22	4	2	3	6	12	6	2	—	1	—	—
December.	2·0	2·0	3	1	1	—	—	—	—	—	—	—	—	—
Total ..	647·2	—	—	—	—	—	—	—	—	—	—	—	—	—

Bor.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Day	Days with ≥ 0·1 mm. of rain	Days with ≥ 1·0 mm. of rain	N	NE	E	SE	S	SW	W	NW	Calm
1905														
January ..	No observations													
February .														
March ..														
April . ..														
May.. ..	[16·5]	16·5	21	[1	1]	—	—	—	—	—	—	—	—	—
June . ..	88·0	34·5	24	5	5	—	—	—	—	—	—	—	—	—
July.. ..	83·0	22·5	17, 31	6	6	—	—	—	—	—	—	—	—	—
August .	147·5	28·5	21	11	11	—	—	—	—	—	—	—	—	—
September	148·5	20·5	26	9	9	—	—	—	—	—	—	—	—	—
October .	92·0	26·0	25	5	5	—	—	—	—	—	—	—	—	—
November	69·0	23·0	25	5	5	—	—	—	—	—	—	—	—	—
December.	32·0	19·5	13	2	2	—	—	—	—	—	—	—	—	—
Total ..	[676·5]	—	—	—	—	—	—	—	—	—	—	—	—	—

Aswan Nile gauge in 1905

(Readings in metres above Sea-level).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	86·52	86·10	85·44	84·81	84·41	84·50	85·08	87·13	91·45	91·56	88·30	87·02
2	86·57	86·12	85·28	84·70	84·68	84·61	85·24	87·54	91·52	91·45	88·23	87·00
3	86·59	86·05	85·24	84·63	84·66	84·63	85·33	87·74	91·65	91·40	88·16	87·00
4	86·70	85·98	85·26	84·63	84.68	84·72	85·35	87·87	91·65	91·38	88·14	87·04
5	86·59	85·94	85·35	84·66	84.66	84·68	85·33	88·08	91·56	91·32	88·19	87·02
6	86·75	85·94	85·17	84·66	84·74	84·74	85·33	88·28	91·45	91·18	88·26	87·00
7	86·52	85·92	85·35	84·66	84·72	84·68	85·33	88·39	91·52	91·07	87·98	86·95
8	86·46	85·89	85·15	84·66	84·61	84·43	85·51	88·44	91·65	90·98	87·96	86·93
9	86·46	85·82	85·04	84·66	84·59	84·68	85·49	88·41	91·72	90·91	87·94	86·93
10	86·48	85·76	84·95	84·66	84·56	84·70	85.51	88·39	91.76	90·78	87·85	86·93
11	86·61	85·74	84·81	84·61	84·61	84·68	85.60	88·37	91·81	90·64	87·76	86·88
12	86·64	85·69	84·86	84·61	84·68	84·79	85.67	88·39	91·86	90·50	87·65	86·77
13	86·52	85·69	84·86	84·61	84·72	84·77	85.69	88.50	91·86	90·37	87·62	86·77
14	86·41	85·85	84·92	84·61	84·70	84·77	85·76	88·66	91·83	90·28	87·60	86·77
15	86·46	85·78	84·92	84·61	84·68	84·77	85·69	88·84	91·74	90·14	87·47	86·79
16	86·48	85·62	84·95	84·61	84·68	84·79	85·78	89·06	91·70	90·01	87·33	86·79
17	86·52	85·44	85·10	84·59	84·54	84·81	85·76	89·24	91·76	89·83	87·33	86·84
18	86·32	85·35	84·97	84·59	84·50	84·83	85·74	89·52	91·90	89·74	87·31	86·84
19	86·50	85·31	84·97	84·59	84·50	84·83	85·62	89·78	91·90	89·60	87·29	86·84
20	86·46	85·37	84·97	84·59	84·48	84·83	85·62	89·99	91·76	89·49	87·26	86·79
21	86·43	85·40	84·97	84·54	84·48	84·83	85·71	90·39	91·63	89·34	87·26	86·77
22	86·43	85·28	84·97	84·45	84·52	84·83	85·87	91·11	91·54	89·27	87·24	86·77
23	86·41	85·38	84·97	84·41	84·59	84·81	86·05	91·38	91·54	89·20	87·13	86·70
24	86·34	85·46	84·97	84·41	84·59	84·90	86·14	91·45	91·50	89·06	87·11	86·70
25	86·28	85·42	84·95	84·43	84·61	84·90	86·18	91·50	91·45	88·95	87·04	86·70
26	86·23	85·42	84·95	84·43	84·61	84·86	86·25	91·56	91·40	88·86	87·06	86·66
27	86·18	85·38	84·95	84·43	84·59	84·90	86·30	91·61	91·45	88·77	87·06	86·64
28	86·12	85·20	84·95	84·41	84·56	84·97	86·39	91·65	91·58	88·68	87·04	86·61
29	86·10	—	84·86	84·41	84·52	84·97	86·52	91·58	91·68	88·50	87·04	86·59
30	86·14	—	84·81	84·41	84·50	84·99	86·64	91·45	91·61	88·48	87·04	86·57
31	86·10	—	84·81	—	84·50	—	86·79	91·43	—	88·41	—	86·57
Mean	86·43	85·65	85·02	84·57	84·60	84·77	85·78	89·54	91·65	90·00	87·56	86·81
37 years mean 1869-1905	87·25	86·59	85·94	85·38	85·08	85·39	87·47	91·73	92·66	91·18	89·19	87·99

Wadi Halfa Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	2·74	2·27	1·71	1·32	1·09	0.97	1·30	3·78	7·12	6·95	3·89	3·20
2	2·72	2·23	1·70	1·32	1·11	0·96	1·33	3·92	7·22	6·94	3·86	3·20
3	2·70	2 22	1·69	1·32	1·10	0·95	1·39	4·13	7·16	6·90	3·83	3·19
4	2·68	2·20	1·66	1·33	1·06	0·96	1·46	4·26	7·08	6·75	3·80	3·18
5	2·66	2·16	1·64	1·32	1·04	0·96	1·51	4·26	7·02	6·68	3·77	3·15
6	2·68	2·13	1·62	1·29	1·02	0·94	1·58	4·24	7·10	6·58	3·74	3·10
7	2·66	2·09	1·60	1·27	1·00	0·94	1·64	4·22	7·25	6·50	3·72	3·08
8	2·66	2·06	1·59	1·25	1·00	0·91	1·70	4·19	7·31	6·37	3·71	3·08
9	2·66	2·05	1·56	1·24	1·02	0·92	1·75	4·20	7·32	6·25	3·68	3·05
10	2·65	2·02	1·54	1·23	1·04	0·92	1·80	4·28	7·37	6·13	3·65	3·04
11	2·64	2·02	1·56	1·23	1·05	0·93	1·83	4·45	7·40	6·02	3·61	3·03
12	2·62	2·00	1·56	1·22	1·02	0·93	1·85	4·58	7·37	5·90	3·58	3·00
13	2·60	1·99	1·56	1·22	1·02	0·96	1·88	4·75	7·33	5·73	3·56	2·98
14	2·59	1·97	1·58	1·20	1·01	0·98	1·92	4·88	7·25	5·61	3·44	2·98
15	2·57	1·94	1 56	1·18	1·00	0·97	1·96	5·06	7·23	5·48	3·38	3·00
16	2·56	1·90	1·54	1·18	1·00	0·97	1·97	5·30	7·33	5·36	3·41	2·98
17	2·54	1·87	1·51	1·17	1·00	1·02	2·04	5·52	7·44	5·25	3·38	2·97
18	2·51	1·86	1·50	1·16	1·00	1·04	2·19	5·63	7·36	5·12	3·38	2·96
19	2·52	1·78	1·48	1·16	0·98	1·05	2·36	5·88	7·20	5·02	3·37	2·95
20	2·51	1·76	1·46	1·15	0·97	1·07	2·42	6·50	7·09	4·95	3·32	2·94
21	2·50	1·75	1·46	1·14	0·97	1·09	2·46	6·87	7·07	4·84	3·27	2·92
22	2·48	1·76	1·45	1·14	0·97	1·10	2·49	6·91	7·05	4·76	3·26	2·90
23	2·44	1·74	1·41	1·15	0·98	1·11	2·51	6·95	7·01	4·66	3·24	2·88
24	2·42	1·74	1·38	1·15	0·98	1·13	2·57	6·96	6·97	4·55	3·24	2·85
25	2·40	1·72	1·36	1·14	0·96	1·17	2·66	7·01	6·98	4·45	3·23	2·83
26	2·37	1·71	1·33	1·13	0·95	1·20	2·74	7·04	7·08	4·34	3·22	2·82
27	2·34	1.72	1·32	1·07	0·94	1·23	2·81	7·10	7·20	4·22	3·20	2·80
28	2·34	1·72	1·32	1·06	0·95	1·26	2·96	7·04	7·18	4·16	3·19	2·79
29	2·33	—	1·32	1·07	0·96	1·28	3·28	6·96	7·05	4·07	3·20	2·77
30	2·31	—	1·29	1·07	0·95	1·29	3·59	6·99	7·00	4·03	3·19	2·72
31	2 30	—	1·31	—	0·96	—	3·72	7·02	—	3·94	—	2·68
Mean	2·54	1·94	1·50	1·20	1·00	1·04	2·18	5·51	7·18	5·44	3.48	2·97
16 years mean 1890-1905	2·99	2·47	1·97	1·60	1·40	1·65	3·36	7·03	7·75	6·31	4·48	3·58

Sarras Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1				missing	0·82	0·57	1·19	5·78	11·28	10·65	5·95	4·84
2				1·21	0·84	0·55	1·31	6·06	11·50	10·61	5·93	4·83
3				1·21	0·82	0·57	1·41	6·38	**11·66**	10·60	5·91	4·80
4				1·21	0·72	0·57	1·52	6·42	10·90	10·42	5·86	4·75
5				1·19	0·71	0·57	1·64	6·40	10·95	10·30	5·78	4·69
6				1·14	0·66	0·52	1·75	6·34	11·21	10·11	5·73	4·65
7				1·09	0·65	**0·51**	1·86	6·30	11·31	9·92	5·70	4·60
8				1·06	0·66	**0·51**	1·95	6·30	11·31	9·74	5·69	4·58
9				1·05	0·70	0·52	2·07	6·43	11·35	9·54	5·59	4·56
10				1·06	0·72	**0·51**	2·13	6·65	11·41	9·35	5·51	4·52
11			1·67	1·05	0·71	**0·51**	2·16	6·86	11·47	9·24	5·49	4·48
12			1·68	1·04	0·69	0·53	2·22	7·15	11·44	9·03	5·40	4·48
13			1·67	1·01	0·66	0·58	2·29	7·42	11·42	8·88	5·32	4·48
14			1·69	0·98	0·63	0·59	2·34	7·67	11·30	8·65	5·27	4·47
15			1·66	0·96	0·63	0·57	2·41	8·10	11·19	8·46	5·20	4·46
16			1·61	0·95	0·63	0·61	2·54	8·49	11·27	8·29	5·14	4·46
17			1·56	0·94	0·64	0·68	2·82	8·56	11·50	8·12	5·12	4·42
18			1·52	0·93	0·63	0·71	3·10	8·89	11·47	7·94	5·12	4·42
19			1·50	0·89	0·61	0·75	3·24	9·75	11·24	7·77	5·06	4·38
20			1·47	0·89	0·58	0·78	3·31	10·54	11·00	7·64	4·98	4·37
21			1·47	0·88	0·57	0·80	3·38	10·66	10·89	7·51	4·93	4·36
22			1·44	0·88	0·58	0·83	3·43	10·76	10·85	7·38	4·90	4·31
23			1·40	0·88	0·59	0·86	3·52	10·81	10·81	7·22	4·88	4·25
24			1·34	0·88	0·58	0·93	3·65	10·90	10·73	7·05	4·87	4·23
25			1·28	Too	0·56	1·00	3·83	11·10	10·69	6·90	4·86	4·20
26			1·23	windy	0·55	1·03	3·94	11·21	10·80	6·71	4·82	4·18
27			1·23		0·54	1·08	4·15	11·15	11·03	6·55	4·82	4·13
28			1·24	0·77	0·55	1·13	4·67	10·89	11·00	6·41	4·82	4·02
29			1·21	0·76	0·57	1·17	5·22	10·90	10·91	6·30	4·82	4·00
30			1·21	0·77	0·56	1·17	5·46	10·99	10·81	6·20	4·84	4·00
31			missing	—	0·56	—	5·57	11·11	—	6·10	—	3·94
Mean			[1·45]	[0·99]	0·64	0·72	2·91	8·61	11·16	8·37	5·28	4·41

NOTE. — Readings commenced on the 11th May 1905.
Scale painted on rock.

Berber Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	2·49	1·87	1·36	1·02	0·77	0·80	1·80	4·20	6·94	6·35	3·68	3·00
2	2·47	1·86	1·34	0·95	0·75	0·81	1·83	4·30	7·05	6·22	3·63	2·97
3	2·45	1·81	1·32	0·93	0·76	0·83	1·87	4·53	7·01	6·12	3·59	2·96
4	2·44	1·75	1·32	0·95	0·79	0·85	1·92	4·62	7·07	5·98	3·54	2·97
5	2·41	1·69	1·31	0·95	0·80	0·89	1·93	4·76	7·11	5·85	3·52	2·97
6	2·39	1·67	1·30	0·96	0·80	0·91	1·93	4·91	7·19	5·71	3·47	2·97
7	2·39	1·66	1·27	0·93	0·77	0·92	2·20	4·97	7·15	5·60	3·40	2·97
8	2·39	1·61	1·26	0·92	0·71	0·93	2·52	5·04	7·07	5·45	3·36	2·96
9	2·39	1·60	1·24	0·90	0·70	0·96	2·54	5·35	7·03	5·33	3·36	2·95
10	2·38	1·59	1·20	0·90	0·70	0·98	2·36	5·56	7·04	5·18	3·36	2·92
11	2·38	1·57	1·23	0·90	0·70	1·01	2·46	5·56	7·19	5·08	3·33	2·90
12	2·35	1·50	1·20	0·90	0·71	1·06	2·57	5·48	**7·33**	4·98	3·29	2·90
13	2·31	1·45	1·14	0·90	0·70	1·09	2·57	5·90	7·10	4·88	3·27	2·88
14	2·29	1·45	1·05	0·90	**0·67**	1·11	2·57	6·35	6·97	4·78	3·24	2·86
15	2·27	1·48	1·01	0·89	0·70	1·15	2·75	6·64	6·91	4·68	3·24	2·85
16	2·23	1·50	1·05	0·88	0·71	1·19	2·85	6·65	6·90	4·56	3·24	2·82
17	2·18	1·52	1·08	0·88	0·73	1·19	2·86	6·55	6·83	4·47	3·20	2·78
18	2·13	1·55	1·10	0·87	0·73	1·18	2·83	6·67	6·74	4·36	3·20	2·75
19	2·12	1·55	1·12	0·87	0·75	1·14	2·87	6·73	6·68	4·25	3·20	2·72
20	2·14	1·52	1·12	0·85	0·73	1·19	3·60	6·70	6·74	4·17	3·20	2·71
21	2·14	1·45	1·11	0·83	0·74	1·26	3·73	6·82	6·98	4·11	3·20	2·64
22	2·13	1·36	1·10	0·83	0·76	1·36	3·78	6·91	7·01	4·01	3·21	2·61
23	2·09	1·36	1·09	0·85	0·79	1·48	3·77	6·79	6·91	3·93	3·21	2·59
24	2·08	1·36	1·10	0·85	0·77	1·55	3·83	6·67	6·84	3·88	3·21	2·56
25	2·06	1·38	1·07	0·84	0·77	1·59	4·00	6·70	6·78	3·84	3·19	2·54
26	1·98	1·38	1·03	0·86	0·76	1·65	4·37	6·76	6·78	3·84	3·15	2·51
27	1·89	1·38	1·00	0·87	0·72	1·71	4·45	6·94	6·72	3·80	3·11	2·50
28	1·85	1·38	1·00	0·85	0·70	1·76	4·30	7·01	6·63	3·75	3·07	2·50
29	1·83	—	1·02	0·84	0·70	1·76	4·32	6·85	6·53	3·73	3·04	2·49
30	1·83	—	1·05	0·80	0·74	1·79	4·30	6·81	6·46	3·73	3·02	2·46
31	1·84	—	1·05	—	0·78	—	4·20	6·78	—	3·72	—	2·44
Mean	2·20	1·54	1·15	0·89	0·74	1·20	3·03	6·02	6·92	4·72	3·29	2·72
6 years mean 1900—1905.	2·13	1·54	1·09	0·87	0·84	1·64	3·68	6·66	6·99	5·09	3·50	2·76

Atbara River gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1								2·05				
2								2·23				
3								2·32				
4								2·38				
5								2·49				
6							**0·32**	2·55				
7							0·60	2·58				
8							0·70	2·72				
9							0·63	2·98				
10							0·50	3·02				
11							0·74	3·05				
12							0·65	3·02				
13							0·62	3·58				
14							0·75	3·94				
15							0·80	4·12				
16							0·82	4·07				
17							0·90	4·04				
18							0·88	4·20				
19							1·20	**4.24**				
20							1·67					
21							1·62					
22							1·75					
23							1·70					
24							1·80					
25							2·00					
26							2·25					
27							2·18					
28							2·10					
29		—					2·18					
30		—					2·05					
31		—		—		—	2·00		—		—	
Mean							[1·29]					
3 years mean 1903—1905						[0·62]	1·71	4·44	4·69	2·92	1·32	

Note—Readings for 1905 commenced on July 6th and ceased after August 19th.

Khashm el Girba River gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1						**7·00**	12·20	12·93	14·30	12·50		
2						7·05	12·20	12·90	14·10	12·45		
3						7·05	12·70	12·78	14·70	12·25		
4						7·04	12·70	12·78	14·05	12·10		
5						**7·00**	12·10	13·10	14·00	12·00		
6						**7·00**	11·90	13·25	13·60	12·00		
7						**7·00**	12·50	13·80	14·00	11·93		
8						7·03	12·00	13·30	13·70	11.90		
9						7·06	11·90	13·10	**14·72**	11·87		
10						7·08	12·70	13·60	14·40	11·80		
11						7·08	12·35	14·30	13·85	11·72		
12						7·12	12·50	{ missing }	13·82	11·67		
13						7·18	12·26		14·10	11·60		
14						7·25	11·95	14·50	13·92	11·60		
15						7·27	12·75	14·50	13·50	11·55		
16						7·27	13·70	14·40	13·30	11·60		
17						7·32	12·90	13·80	13·10	11·62		
18						7·40	13·60	13·50	13·05	11·70		
19						7·50	13·20	13·50	12·60	11·63		
20						12·50*	13·20	14·50	12·50	11·65		
21						12·50	13·10	14·10	13·25	11·61		
22						12·50	13·40	13·50	13·20			
23						12·00	13·55	13·60	13·30			
24						11·10	13·00	13·80	13·40			
25						11·20	13·30	14·60	13·00			
26						11·45	12·95	14·30	12·70			
27						11·20	12·70	14·25	12·60			
28						11·60	12·80	14·10	12·58			
29		—				11·60	12.98	14·35	12·55			
30		—				11·30	13·15	14·55	12·50			
31		—		—		—	12·90	14·53	—		—	
Mean						[11·72]	12·74	[13·80]	13·48	[11·85]		
3 years mean 1903—1905						11·19	12·74	13·84	13·28	11·68	10·32	9·33

Note—Readings for 1905 commenced on June 1st and ceased after October 21st.

* The Inspector General of the Sudan Irrigation Service reports "I have recently been having a good deal of correspondence and discussion concerning the records which have almost certainly been incorrect, but I have independent information that the first material rise of the River took place about the 19th July and I think that from that date the returns may be accepted as fairly correct."

Readings 1-19 June unreliable.

Khartoum Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1·55	0·86	0·45	0·07	—0·12	0·14	1·32	3·25	5·20	4·85	2·64	2·12
2	1·54	0·82	0·45	0·06	—0·12	0·11	1·34	3·55	5·45	4·75	2·62	2·12
3	1·53	0·79	0·45	0·06	—0·13	0·14	1·24	3·60	5·48	4·58	2·60	2·12
4	1·53	0·77	0·40	0·04	—0·21	0·14	1·25	3·70	5·50	4·48	2·57	2·11
5	1·48	0·72	0·35	0·03	**—0·25**	0·14	1·25	3·75	5·49	4·38	2·52	2·10
6	1·48	0·72	0·34	0·03	**—0·25**	0·14	1·25	3·80	**5·54**	4·28	2·51	2·08
7	1·48	0·72	0·34	0·03	—0·19	0·19	1·29	3·90	5·44	4·10	2·56	2·02
8	1·47	0·72	0·34	0·02	—0·18	0·25	1·36	4·05	5·40	4·00	2·52	2·05
9	1·45	0·72	0·31	0·02	—0·18	0·30	1·46	4·00	5·34	3·95	2·50	2·05
10	1·44	0·65	0·22	0·01	—0·19	0·33	1·51	4·05	5·28	3·85	2·48	2·05
11	1·41	0·65	0·21	0·01	—0·18	0·38	1·48	4·15	5·32	3·78	2·48	2·03
12	1·38	0·65	0·21	0·00	—0·18	0·38	1·49	4·25	5·27	3·68	2·47	2·00
13	1·36	0·65	0·21	0·00	—0·16	0·39	1·56	4·50	5·25	3·58	2·47	1·96
14	1·25	0·63	0·21	—0·01	—0·13	0·36	1·66	4·65	5·20	3·48	2·43	1·95
15	1·25	0·63	0·21	—0·01	—0·14	0·41	1·76	4·68	5·17	3·40	2·42	1·92
16	1·25	0·63	0·21	—0·02	—0·15	0·44	2·02	4·98	5·15	3·30	2·40	1·90
17	1·25	0·63	0·20	—0·08	—0·13	0·53	2·15	5·02	5·37	3·22	2·40	1·82
18	1·25	0·52	0·20	—0·08	—0·03	0·72	2·16	5·07	5·40	3·18	2·39	1·82
19	1·24	0·52	0·20	—0·08	—0·13	0·83	2·21	5·10	5·37	3·08	2·38	1·80
20	1·20	0·52	0·20	—0·06	—0·10	0·84	2·27	5·02	5·37	3·00	2·32	1·75
21	1·20	0·52	0·20	—0·06	—0·13	0·90	2·46	4·90	5·39	2·97	2·32	1·74
22	1·20	0·52	0·19	—0·05	—0·13	0·92	2·75	5·01	5·34	2·95	2·36	1·70
23	1·08	0·52	0·15	—0·06	—0·14	1·04	2·82	5·20	5·37	2·92	2·28	1·68
24	1·05	0·52	0·14	—0·07	—0·16	1·11	2·85	5·35	5·37	2·90	2·27	1·67
25	1·05	0·51	0·14	—0·07	—0·14	1·10	2·85	5·30	5·32	2·87	2·26	1·66
26	1·05	0·51	0·14	—0·08	—0·10	1·10	2·95	5·15	5·25	2·85	2·20	1·64
27	1·00	0·48	0·14	—0·12	—0·09	1·16	2·95	5·04	5·19	2·82	2·19	1·60
28	1·00	0·48	0·14	—0.12	—0·07	1·19	3·00	5·07	5·15	2·81	2·16	1·60
29	0·99	—	0·09	—0·13	—0·02	1·21	3·00	5·07	5·10	2·80	2·15	1·59
30	0·95	—	0·07	—0·13	—0·05	1·28	3·10	5·05	4·90	2·76	2·12	1·59
31	0·91	—	0·07	—	0·02	—	3·20	5·10	—	2·70	—	1·59
Mean	1·27	0·63	0·23	—0·03	—0·13	0·61	2·06	4·56	5·31	3·49	2·40	1·87
6 years mean 1900-1905	1·07	0·54	0·14	—0·03	0·07	1·03	2·72	5·23	5·50	3·86	2·51	1·80

Wad Medani Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	2·10	1·24	0·66	0·34	0·15						4·89	3·71
2	2·06	1·20	0·66	0·32	0·15						4·84	3·67
3	2·06	1·16	0·62	0·32	0·14						4·80	3·63
4	2·06	1·16	0·60	0·28	0·14						4·77	3·59
5	2·00	1·12	0·60	0·28	0·12						4·73	3·54
6	2·00	1·10	0·60	0·24	0·12						4·69	3·50
7	2·00	1·10	0·58	0·24	0·12						4·65	3·46
8	1·90	1·10	0·58	0·24	0·12						4·60	3·42
9	1·90	1·10	0·56	0·20	0·14						4·56	3·39
10	1·90	1·10	0·54	0·20	0·14						4·51	3·34
11	1·80	1·10	0·50	0·18	0·14						4·49	3·30
12	1·76	1·10	0·50	0·18	0·14						4·45	3·27
13	1·70	1·10	0·48	0·16	0·14						4·40	3·23
14	1·70	1·08	0·48	0·10	0·12						4·37	3·20
15	1·70	1·08	0·44	0·10	0·12						4·34	3·15
16	1·64	1·08	0·44	0·10	0·12						4·30	3·12
17	1·60	1·08	0·42	**0·08**	0·12						4·25	3·08
18	1·60	1·00	0·42	**0·08**	0·13						4·20	3·02
19	1.56	1·00	0·42	0·10	0·14						4·17	3·00
20	1·50	1·00	0·40	0·12							4·13	2·96
21	1·50	0·96	0·40	0·12							4·10	2·92
22	1·44	0·90	0·40	0·16							4·05	2·89
23	1·44	0·80	0·40	0·16						**5·28**	4·00	2·88
24	1·40	0·76	0·38	0·20						5·20	3·98	2·85
25	1·40	0·76	0·38	0·20						5·18	3·94	2·82
26	1·36	0·74	0·38	0·16						5·14	3·90	2·79
27	1·32	0·70	0·36	0·16						5·10	3·86	2·79
28	1·32	0·70	0·36	0·16						5·05	3·81	2·77
29	1·30	—	0·36	0·16						5·00	3·78	2·75
30	1·26	—	0·34	0·14						4·97	3·74	2·73
31	1·26	—	0·34	—		—			—	4·93	—	2·70
Mean	1·66	1·01	0·47	0·18	[0·13]					—	4·31	3·14
6 years mean 1900-1905	1·71	1·26	0·89	0·68	1·11	3·02	6·09	9·27	9·29	6·56	4·21	3·19

NOTE.—Readings from May 20th to October 22nd are reported as unreliable.

Sennar Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	0·89	0·41	0·08	—0·35	—0·58	0·09	1·20	4·63	**6·82**	4·50	2·01	1·52
2	0·89	0·41	0·04	—0·36	—0·58	0·16	1·16	4·67	6·77	4·35	1·98	1·50
3	0·88	0·40	0·02	—0·38	—0·59	0·22	1·35	4·59	6·54	4·26	1·95	1·50
4	0·84	0·40	—0·02	—0·40	—0·60	0·32	1·50	4·63	6·71	4·12	1·92	1·50
5	0·78	0·38	—0·02	—0·40	—0·60	0·38	1·55	4·97	6·38	4·00	1·90	1·48
6	0·78	0·38	—0·04	—0·41	—0·60	0·36	1·50	4·94	6·14	3·60	1·85	1·48
7	0·75	0·36	—0·08	—0·41	—0·60	0·38	1·50	4·63	6·10	3·30	1·85	1·48
8	0·72	0·34	—0·08	—0·42	—0·60	0·40	1·44	4·76	6·12	3·16	1·84	1·46
9	0·71	0·34	—0·10	—0·44	—0·60	0·34	1·58	5·09	6·24	3·06	1·84	1·46
10	0·70	0·34	—0·16	—0·44	—0·60	0·38	1·56	5·31	5·82	2·96	1·91	1·46
11	0·70	0·32	—0·20	—0·45	**—0·61**	0·35	1·54	5·99	5·80	2·90	2·01	1·45
12	0·65	0·31	—0·20	—0·45	**—0·61**	0·50	1·98	6·03	5·70	2·84	1·91	1·45
13	0·62	0·30	—0·20	—0·46	**—0·61**	0·90	2·53	5·55	5·60	2·74	1·83	1·44
14	0·60	0·30	—0·22	—0·46	**—0·61**	1·10	2·44	5·81	5·75	2·64	1·88	1·44
15	0·58	0·28	—0·24	—0·48	—0·60	1·98	2·28	6·60	5·97	2·60	1·92	1·43
16	0·56	0·26	—0·24	—0·48	—0·55	1·00	2·58	6·34	6·36	2·57	1·84	1·42
17	0·54	0·24	—0·26	—0·48	—0·50	1·18	2·50	6·09	6·12	2·55	1·79	1·42
18	0·54	0·24	—0·28	—0·49	—0·45	1·13	2·95	5·79	6·00	2·71	1·74	1·38
19	0·52	0·20	—0·28	—0·50	—0·39	1·18	3·28	5·70	6·17	2·63	1·70	1·36
20	0·52	0·20	—0·28	—0·50	—0·39	1·25	3·33	5·72	6·02	2·55	1·67	1·36
21	0·50	0·20	—0·28	—0·50	—0·39	1·33	3·13	6·22	5·58	2·49	1·63	1·34
22	0·50	0·18	—0·28	—0·51	—0·39	1·23	3·20	6·72	6·02	2·47	1·61	1·34
23	0·49	0·16	—0·30	—0·51	—0·39	1·28	3·37	6·44	5·92	2·43	1·58	1·30
24	0·48	0·14	—0·30	—0·52	—0·36	1·35	3·35	5·80	5·62	2·36	1·55	1·30
25	0·46	0·14	—0·30	—0·52	—0·20	1·40	3·41	5·60	5·52	2·31	1·52	1·28
26	0·46	0·12	—0·30	—0·54	0·02	1·45	3·45	5·60	5·51	2·28	1·54	1·28
27	0·44	0·10	—0·30	—0·54	0·04	1·53	3·53	5·72	5·40	2·21	1·56	1·28
28	0·44	0·10	—0·30	—0·55	0·02	1·37	3·79	5·86	5·00	2·14	1·56	1·24
29	0·44	—	—0·32	—0·56	0·01	1·26	3·87	6·00	4·85	2·11	1·56	1·23
30	0·42	—	—0·32	—0·58	0·01	1·21	4·29	6·14	4·66	2·07	1·54	1·20
31	0·42	—	—0·34	—	0·01	—	4·59	6·70	—	2·04	—	1·16
Mean	0·61	0·27	—0·20	—0·47	—0·42	0·87	2·57	5·63	5·91	2·87	1·77	1·39
6 years mean 1900—1905	0·00	—0·41	—0·76	—0·95	—0·96	1·22	3·18	6·01	6·24	4.02	2·43	1·38

Roseires Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	12·20	11·68	11·33	10·95	10·75	11·89	13·15	16·30	19·00	15·95	13·85	13·35
2	12·18	11·67	11·31	10·93	10·75	11·65	13·20	16·90	19·05	15·78	13·85	13·32
3	12·17	11·67	11·29	10·91	10·75	11·85	13·12	16·80	19·30	15·60	13·85	13·29
4	12·15	11·69	11·28	10·90	10·75	11·75	13·12	17·47	18·50	15·45	13·82	13·27
5	12·12	11·71	11·26	10·90	10·74	11·59	13·05	16·75	18·20	15·30	13·80	13·24
6	12·10	11·74	11·25	10·90	10·74	11·77	13·08	16·81	18·38	15·18	13·84	13·16
7	12·08	11·74	11·24	10·89	**10·73**	11·57	13·44	16·86	17·95	15·03	13·85	13·10
8	12·05	11·71	11·24	10·87	**10·73**	11·77	13·10	17·65	18·25	14·90	13·87	13·04
9	12·03	11·67	11·23	10·87	10·74	11·94	13·45	17·35	17·65	14·78	13·90	12·98
10	12·00	11·64	11·22	10·86	10·75	12·85	14·76	19·10	17·95	14·70	13·80	12·93
11	11·97	11·62	11·21	10·85	10·77	12·98	14·05	17·90	17·77	14·65	13·79	12·90
12	11·95	11·60	11·20	10·85	10·83	12·54	13·84	17·88	17·50	14·55	13·95	12·87
13	11·93	11·57	11·19	10·85	10·87	12·90	14·46	18·82	18·20	14·55	13·85	12·83
14	11·92	11·55	11·19	10·85	10·91	12·60	14·14	19·50	18·50	14·53	13·80	12·79
15	11·90	11·53	11·17	10·85	10·90	12·58	14·28	18·85	18·70	14·50	13·76	12·75
16	11·88	11·52	11·14	10·84	10·91	13·10	15·13	18·55	18·73	14·60	13·69	12·73
17	11·87	11·51	11·13	10·83	10·87	12·83	15·00	18·18	18·40	14·55	13·65	12·70
18	11·85	11·50	11·13	10·82	10·86	12·78	15·23	18·18	18·35	14·55	13·60	12·65
19	11·84	11·48	11·11	10·81	10·91	12·57	14·83	18·25	18·10	14·60	13·56	12·61
20	11·82	11·46	11·10	10·80	10·87	12·68	14·96	**19·55**	18·13	14·56	13·50	12·57
21	11·81	11·45	11·09	10·79	11·61	12·96	15·20	19·50	18·35	14·48	13·48	12·54
22	11·79	11·43	11·07	10·78	11·38	12·54	15·10	18·75	18·03	14·43	13·45	12·51
23	11·78	11·42	11·06	10·77	11·38	13·12	15·08	17·80	17·75	14·38	13·40	12·48
24	11·77	11·40	11·04	10·77	11·31	12·90	15·19	17·90	17·67	14·30	13·45	12·45
25	11·76	11·38	11·03	10·76	11·32	12·88	15·33	17·90	17·50	14·21	13·45	12·44
26	11·74	11·36	11·02	10·76	11·27	12·45	15·68	18·20	17·10	14·12	13·45	12·39
27	11·72	11·35	11·00	10·74	11·31	12·80	15·60	18·20	16·65	14·05	13·47	12·36
28	11·71	11·34	10·99	10·74	11·41	12·53	15·14	18·30	16·45	14·02	13·45	12·36
29	11·70	—	10·98	10·75	11·35	12·48	16·50	18·50	16·25	13·98	13·44	12·34
30	11·68	—	10·97	10·75	11·63	13·04	16·30	19·20	16·00	13·93	13·39	12·34
31	11·68	—	10·95	—	11·67	—	16·71	19·35	—	13·88	—	12·33
Mean	11·91	11·55	11·14	10·83	11·02	12·46	14·56	18·10	17·95	14·65	13·67	12·76
6 years mean 1900—1905	11·49	10·87	10·63	10·51	11·05	12·77	15·34	18·48	18·06	15·37	13·58	12·43

NOTE. — A solid masonry gauge in steps has been built and was taken into use since the 8th June 1905. Readings previous to that date have here been corrected by adding 11·83 metres to them.

Dueim Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1.35	0·73	0·50	0·31	0·16	0·16	0·56	1·51	2·73	3·00	1·05	0·89
2	1.35	0·72	0·50	0·31	0·14	0·16	0·59	1·56	2·75	2·96	0·95	0·89
3	1·32	0·72	0·49	0·30	0·14	0·17	0·62	1·70	2·81	2·80	0·95	0·89
4	1·32	0·71	0·48	0·29	0·14	0·18	0·64	1·75	2·89	2·60	0·90	0·89
5	1·30	0·70	0·47	0·28	0·14	0·20	0·68	1·80	2·93	2·50	0·90	0·88
6	1·30	0·68	0·46	0·28	0·14	0·21	0·71	1·84	2·93	2·40	0·90	0·88
7	1·25	0·67	0·46	0·27	0·14	0·22	0·75	1·85	2·96	2·30	0·90	0·87
8	1·23	0·65	0·45	0·27	0·14	0·23	0·79	1·86	2·97	2·20	0·90	0·87
9	1·21	0·64	0·44	0·27	0·13	0·24	0·84	1·88	2·99	2·15	0·90	0·86
10	1·20	0·63	0·43	0·27	0·13	0·24	0·84	1·95	2·97	2·10	0·90	0·85
11	1·20	0·61	0·42	0·26	0·12	0·25	0·84	1·98	2·98	2·05	0·90	0·84
12	1·18	0·61	0·41	0·26	**0·10**	0·26	0·86	2·03	2·99	1·98	0·90	0·84
13	1.18	0·60	0·41	0·26	**0·10**	0·28	0·91	2·09	2·99	1·80	0·90	0·83
14	1·16	0·60	0·40	0·25	**0·10**	0·29	0·96	2·13	2·98	1·80	0.90	0·83
15	1·12	0·60	0·40	0·25	**0·10**	0·32	0·99	2·19	2·97	1·70	0.90	0·82
16	1·10	0·60	0·39	0·24	0·11	0·34	0·99	2·26	2·97	1·60	0.91	0·81
17	1·08	0·59	0·38	0·24	0·11	0·35	1·01	2·34	2·92	1·50	0.91	0·81
18	1·04	0·59	0·36	0·23	0·12	0·36	1·03	2·43	2·95	1·50	0.92	0·81
19	1·01	0·59	0·36	0·23	0·12	0·37	1·08	2·50	3·00	1·50	0.92	0·81
20	0·95	0·58	0·36	0·23	0·12	0·38	1·11	2·50	3·02	1·48	0.92	0.81
21	0·90	0·56	0·35	0·22	0·12	0·38	1·12	2·58	3·02	1·48	0.92	0·80
22	0·90	0·56	0·35	0·22	0·12	0·40	1·13	2·58	3·14	1·48	0.92	0·80
23	0·90	0·55	0·35	0·20	0·12	0·41	1·18	2·56	**3·16**	1·30	0.91	0.80
24	0·88	0·54	0·34	0·20	0·13	0·42	1·22	2·58	3·14	1·25	0·91	0·80
25	0·86	0·53	0·34	0·18	0·13	0·45	1·27	2·64	3·14	1·25	0·91	0·80
26	0·84	0·52	8·34	0·18	0·12	0·47	1·31	2·68	**3·16**	1·20	0·91	0·80
27	0·80	0·52	0.33	0·18	0·12	0·49	1·33	2·68	**3·16**	1·15	0·91	0·80
28	0·75	0·51	0·33	0·16	0·12	0·50	1·35	2·68	3·13	1·15	0·90	0·80
29	0·75	—	0·33	0·16	0·13	0·52	1·38	2·66	3·11	1·15	0·90	0·80
30	0·74	—	0·32	0·16	0·13	0·54	1·41	2·68	3·09	1·10	0·89	0·80
31	0·74	—	0·31	—	0·14	—	1·46	2·71	—	1·05	—	0·79
Mean	1·06	0·61	0·40	0·24	0·13	0·33	1·00	2·23	3·00	1·79	0·91	0·83
5 years mean 1901—1905	1·29	0·81	0·47	0·36	0·37	0·75	1·44	3·01	3·57	2·69	1·97	1·62

Taufikia Nile gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	2·53	1·12	0·76	0·14	—0·20	0·10	0·74	1·30	1·68	1·96	2·10	2·10
2	2·46	1·09	0·66	0·12	—0.20	0·15	0·75	1·30	1·70	1·96	2·10	2·10
3	2·41	1·07	0·66	0·09	**—0·25**	0·15	0·78	1·32	1·70	1·97	2·10	2·10
4	2·30	1·07	0·63	0·09	**—0·25**	0·15	0·80	1·33	1·74	1·97	2·10	2·10
5	2·25	1·07	0·63	0·12	—0·20	0·15	0·80	1·35	1·78	1·98	2·10	2·09
6	2·15	1·07	0·63	0·12	—0·20	0·15	0·80	1·35	1·78	1·99	2·10	2·09
7	2·07	1·07	0·61	0·07	—0·20	0·20	0·80	1·36	1·78	2·00	2·10	2·09
8	2·02	1·07	0·61	0·09	—0·20	0·22	0·85	1·38	1·79	2·00	2·10	2·09
9	1·97	1.02	0·61	0·09	—0·23	0·20	0·90	1·39	1·80	2·00	2·10	2·08
10	1·92	1.02	0·61	0·07	—0·20	0·22	0·95	1·40	1·80	2·00	2·11	2·08
11	1·81	1·02	0·55	0·07	—0·20	0·22	0·95	1·42	1·82	2·00	2·11	2·08
12	1·71	1·02	0·55	0·04	—0·20	0.30	0·98	1·44	1·82	2·00	2·12	2·08
13	1·66	1·02	0·55	0·04	—0·20	0·25	1·00	1·45	1·83	2·01	2·12	2·08
14	1·63	0·97	0·58	0·04	—0·18	0·30	1·05	1·45	1·83	2·01	2·13	2·08
15	1·58	0·97	0·61	0·02	—0·15	0·30	1·05	1·48	1·84	2·02	2·14	2·08
16	1·53	0·97	0·58	0·04	—0·15	0·40	1·08	1·50	1·85	2·03	2·14	2·05
17	1·51	0·91	0·58	0·02	—0·10	0·45	1·10	1·50	1·86	2·04	2·14	2·05
18	1·45	0·91	0·55	—0·01	—0·05	0·50	1·12	1·50	1·86	2·05	**2·15**	2·04
19	1·38	0·91	0·50	—0·01	0·03	0·50	1·14	1·52	1·87	2·05	**2·15**	2·04
20	1·33	0·91	0·40	—0·01	0·05	0.60	1·15	1·52	1·89	2·05	2·14	2·04
21	1·30	0·91	0·27	—0·04	0·05	0·60	1·15	1·53	1·90	2·05	2·14	2·02
22	1·27	0·86	0·25	—0·04	0·05	0·65	1·18	1·53	1·92	2·05	2·14	2·00
23	1·27	0·86	0·25	—0·04	0·05	0·65	1·20	1·55	1·93	2·06	2·13	2·00
24	1·25	0·86	0·22	—0·04	0·02	0·65	1·20	1·55	1·94	2·07	2·13	1·97
25	1·22	0·81	0·22	—0·04	0·05	0·65	1·20	1·57	1·95	2·08	2·13	1·97
26	1·22	0·81	0·20	—0·01	0·05	0·70	1·22	1·59	1·95	2·08	2·11	1·97
27	1·20	0·81	0·22	—0·01	0·05	0·70	1·25	1·60	1·95	2·09	2·10	1·94
28	1·20	0·81	0·20	—0·04	0·08	0·70	1·25	1·62	1·95	2·10	2·10	1·90
29	1·20	—	0·17	—0·06	0·10	0·70	1·28	1·65	1·95	2·10	2·10	1·88
30	1·15	—	0·17	—0·09	0·10	0·60	1·28	1·65	1·96	2·10	2·10	1·88
31	1·12	—	0·17	—	0·15	—	1·28	1·66	—	2·10	—	1·80
Mean	1·65	0·96	0·46	0·03	—0·08	0·40	1·04	1·48	1·85	2·03	2·12	2·03
3 years mean 1903—1905	2·25	1·02	0·57	0·24	0·45	1·13	1·68	2·15	2·61	2·83	2·92	2·82

NOTE.—A masonry built gauge has been taken into use since the 1st May 1905 Readings previous to that date have here been corrected by subtracting m. 0·14.

Doleib Hilla River gauge in 1905*

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	2·30	1·06	0·90	0·62	0·42	0·77	1·42	2·02	2·45	2·73	2·89	2·91
2	2·24	1·03	0·88	0·64	0·41	0·80	1·42	2·02	2·46	2·74	2·89	2·91
3	2·18	1·00	0·87	0·64	0·41	0·78	1·43	2·05	2·47	2·74	2·90	2·90
4	2·12	1·00	0·86	0·63	**0·40**	0·78	1·45	2·06	2·48	2·75	2·89	2·91
5	2·06	1·00	0·84	0·61	**0·40**	0·78	1·46	2·08	2·49	2·76	2·90	2·92
6	2·01	1·03	0·83	0·60	0·41	0·78	1·48	2·09	2·49	2·76	2·91	2·91
7	1·92	1·06	0·81	0·59	0·41	0·78	1·50	2·11	2·51	2·77	2·92	2·91
8	1·86	1·03	0·80	0·58	0·41	0·80	1·52	2·11	2·52	2·77	2·92	2·90
9	1·80	1·03	0·79	0·56	**0·40**	0·84	1·59	2·12	2·53	2·77	2·92	2·90
10	1·74	1·06	0·77	0·55	0·41	0·84	1·62	2·14	2·55	2·77	2·92	2·89
11	1·68	1·09	0·80	0·54	0·41	0·87	1·65	2·16	2·57	2·80	2·92	2·90
12	1·62	1·09	0·83	0·53	0·41	0·87	1·68	2·17	2·58	2·80	2·92	2·89
13	1·58	1·09	0·83	0·53	0·41	0·91	1·70	2·18	2·59	2·80	2·92	2·87
14	1·53	1·11	0·80	0·52	0·44	0·96	1·74	2·20	2·60	2·81	2·92	2·87
15	1·48	1·09	0·78	0·51	0·45	1·00	1·76	2·21	2·60	2·81	**2·94**	2·87
16	1·45	1·06	0·78	0·50	0·50	1·07	1·78	2·22	2·62	2·82	**2·94**	2·86
17	1·41	1·03	0·77	0·49	0·55	1·13	1·81	2·24	2·63	2·83	**2·94**	2·86
18	1·37	missing	0·75	0·48	0·60	1·19	1·83	2·24	2·64	2·84	**2·94**	2·89
19	1·33	1·01	0·74	0·47	0·63	1·21	1·84	2·26	2·66	2·84	2·93	
20	1·30	1·00	missing	0·47	0·65	1·25	1·86	2·28	2·66	2·85	2·93	
21	1·27	0·98	0·71	0·46	0·65	1·27	1·88	2·28	2·68	2·86	2·93	
22	1·24	0·97	0·70	0·46	0·65	1·30	1·90	2·28	2·68	2·86	2·93	
23	1·21	0·96	0·71	0·45	0·65	1·33	1·91	2·29	2·70	2·86	2·93	
24	1·21	0·96	0·71	0·45	0·65	1·34	1·92	2·30	2·70	2·87	2·92	
25	1·21	0·94	0·70	0·45	0·65	1·36	1·93	2·33	2·71	2·87	2·92	
26	1·18	0·93	0·69	0·45	0·65	1·37	1·94	2·35	2·71	2·88	2·92	
27	1·15	0·91	0·68	0·44	0·65	1·37	1·98	2·39	2·72	2·88	2·91	
28	1·15	0·91	0·67	0·44	0·68	missing	1·98	2·39	2·73	2·89	2·91	
29	1·18	—	0·65	0·43	0·72	1·39	1·99	2·40	2·73	2·89	2·91	Gauge broken.
30	1·12	—	0·64	0·42	0·74	1·40	1·99	2·42	2·73	2·89	2·91	
31	1·09	—	0·63	—	0·76	—	2·01	2·42	—	2·89	—	
Mean	1·55	1·02	0·76	0·52	0·53	1·05	1·74	2·22	2·61	2·82	2·92	[2·89]
3 years mean 1903-1905	2·20	1·16	0·84	0·68	0·70	1·42	2·01	2·49	2·89	3·13	3.21	3·12

NOTE.—*On River Sobat at 16 kilometres from mouth.

Nasser River gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	5·40	4·30	3·92	3·64	3·58	4·39	6·06	7·48	8·31	8·75	8·92	8·61
2	5·36	4·28	3·90	3·62	3·60	4·42	6·10	7·52	8·34	8·75	8.91	8·59
3	5·26	4·28	3·92	3·62	3·62	4·44	6·14	7·58	8·36	8·76	8·90	8·58
4	5·14	4·28	3·92	3·62	3·64	4·48	6·19	7·60	8·36	8·77	8·89	8·57
5	5·02	4·28	3·90	3·62	3·64	4·54	6·24	7·64	8·38	8·78	8·88	8·56
6	5·00	4·26	3·86	3·64	3·64	4·58	6·30	7·66	8·40	8·79	8·88	8·54
7	4·98	4·32	3·82	3·64	3·68	4·62	6·36	7·70	8·42	8·80	8·88	8·50
8	4·94	4·34	3·80	3·64	3·70	4·67	6·46	7·72	8·44	8·80	8·88	8·47
9	4·86	4·34	3·80	3·64	3·74	4·73	6·66	7·74	8·46	8·82	8·86	8·44
10	4·80	4·32	3·78	3·64	3.78	4·83	6·80	7·76	8·50	8·84	8·84	8·39
11	4·78	4·30	3·76	3·64	3·82	4·95	6·88	7·78	8·52	8·86	8·84	8·34
12	4·76	4·24	3·74	3·64	3·90	5·07	6·96	7·80	8·54	8·88	8·84	8·29
13	4·70	4·20	3·72	3·64	3·96	5·17	7·00	7·82	8·54	8·88	8·84	8·24
14	4·66	4·16	3·72	3·62	4·00	5·19	7·03	7·84	8·55	8·90	8·83	8·14
15	4·64	4·14	3·72	3·62	4·05	5·35	7·06	7·86	8·55	8·90	8.84	8·04
16	4·60	4·14	3·72	3·64	4·09	5·45	7·10	7·88	8·55	8·90	8·84	7·99
17	4·56	4·10	3·72	3·66	4·03	5·55	7·14	7·92	8·56	8·88	8·84*	7·94
18	4·56	4·06	3·72	3·66	3·99	5·63	7·18	7·94	8·58	8·90	8·84	7·90
19	4·56	4·06	3·68	3·66	3·95	5·67	7·22	7·96	8·60	8·90	8·84	7·84
20	4·56	4·04	3·72	3·66	3·97	5·71	7·22	7·98	8·62	8·91	8·83	7·75
21	4·50	4·04	3·70	3·64	3·99	5·73	7·23	8·00	8·64	8·91	8·81	7·68
22	4·50	4·04	3·70	3·64	3·99	5·77	7·24	8·02	8:64	8·91	8·80	7·58
23	4·52	4·02	3·70	3·62	4·03	5·80	7·24	8·04	8·66	8·91	8·80	7·50
24	4·50	4·02	3·68	3·60	4·07	5·84	7·26	8·07	8·66	**8·92**	8·79	7·40
25	4·50	4·00	3·68	3·60	4·14	5·81	7·27	8·10	8·67	**8·92**	8·78	7·26
26	4·46	3·96	3·68	3·60	4·21	5·84	7·29	8·12	8·68	**8·92**	8·77	7·15
27	4·46	3·94	3·68	3·60	4·29	5·88	7·31	8·15	8·69	**8·92**	8·76	7·04
28	4·42	3·92	3·68	3·60	4·36	5·92	7·34	8·18	8·71	8·91	8·74	6·94
29	4.36	—	3·68	3·60	4·43	5·98	7·38	8·21	8·73	8·91	8·68	6·90
30	4.34	—	3·64	**3·56**	4·38	6·02	7·42	8·25	8·75	**8·92**	8·64	6·88
31	4.32	—	3·64	—	4·35	—	7·46	8·28	—	**8·92**	—	6·86
Mean	4·71	4·16	3·75	3·63	3·96	5·27	6·92	7·89	8·55	8·87	8·83	7·90
3 years mean 1903-1905	4·15	2·90	2·73	2·86	3·70	4·67	5·82	6.70	7·29	7·57	7·44	6·55

NOTE.—*The gauge was on Nov. 17th transferred to a place further upstream near the mouth of the Pibor known as "Tawfot" but the readings have here been brought into agreement with those recorded at Nasser by adding 0·60 metres.

Gambela River gauge in 1905 *

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1						0·50	1·78	2·75	3·48	2·70	1·75	1·75
2						0·48	1·84	2·70	3·55	2·58	1·70	1·68
3						0·48	1·84	2·83	3·70	2·50	1·65	1·48
4						0·50	1·92	3·00	3·71	2·36	1·65	1·45
5					**0·04**	0·58	2·15	3·10	3·71	2·20	1·88	1·40
6					**0·04**	0·68	2·35	3·20	3·70	2·06	1·95	1·37
7					0·11	0·85	2·50	3·24	3·64	1·94	1·95	1·30
8					0·21	0·98	2·45	3·58	3·60	1·84	1·92	1·20
9					0·40	1·10	2·45	3·74	3·50	1·75	1·85	1·00
10					0·50	1·15	2·45	3·77	3·40	1·70	1·82	1·00
11					0·42	1·28	2·45	3·82	3·30	1·65	1·80	0·80
12					0·25	1·38	2·40	3·66	3·30	1·64	1·80	0·75
13					0·18	1·38	2·36	3·56	3·78	1·66	1·77	0·70
14					0·18	1·30	2·36	3·54	3·52	1·68	1·70	0·70
15					0·15	1·30	2·35	3·39	3·52	1·78	1·70	0·75
16					0·09	1·50	2·35	3·20	**4·26**	1·88	1·65	0·75
17					0·15	1·50	2·35	3·16	3·84	1·86	1·65	0·80
18					0·25	1·28	2·37	3·14	3·74	1·87	1·60	0·80
19					0·30	1·30	2·39	3·08	3·66	1·95	1·55	0·85
20					0·30	1·42	2·40	3·06	3·64	1·98	1·60	0·85
21					0·40	1·25	2·45	3·04	3·76	1·99	1·69	0·82
22					0·46	1·25	2·48	3·04	3·68	2·00	1·75	0·82
23					0·48	1·45	2·52	2·80	3·72	1·95	1·65	0·80
24					0·54	1·38	2·56	2·64	3·80	1·90	1·60	0·65
25					0·44	1·50	2·55	2·66	3·70	1·80	1·57	0·50
26					0·40	1·55	2·56	2·62	3·66	1·75	1·60	0·45
27					0·30	1·58	2·58	2·68	3·50	1·65	1·58	0·35
28					0·38	1·50	3·00	2·96	3·25	1·60	1·60	0·20
29		—			0·40	1·50	2·99	3·06	3·08	1·58	1·65	0·15
30		—			0·48	1·50	2·94	3·30	3·00	1·56	1·70	0·14
31		—		—	0·59	—	2·81	3·39	—	1·70	—	0·13
Mean					[0·31]	1·18	2·42	3·15	3·59	1·91	1·71	0·85

NOTE. — Commenced on the 5th May 1905.

(*) On the Baro (Upper Sobat) It is the new trading station in Abyssinia at the limit of navigation for Nile steamers.

Wau River gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	—0·08	—0·32	—0·43	—0·56	—0·55	—0·30	0·71	0·20	1·75	1·75	2·77	1·02
2	—0·13	—0·31	—0·43	—0·57	—0·56	—0·27	0·69	0·30	2·26	1·75	2·74	0·97
3	—0·14	—0·31	—0·44	—0·59	—0·56	—0·28	0·51	0·89	2·18	1·68	2·67	0·94
4	—0·15	—0·33	—0·44	—0·58	—0·52	—0·30	0·74	0·81	2·16	1·65	2·59	0·91
5	—0·15	—0·33	—0·44	—0·58	—0·53	—0·30	1·32	1·19	2·26	1·60	2·51	0·84
6	—0·17	—0·34	—0·44	—0·60	—0·53	—0·30	1·30	1·12	2·31	1·55	2·41	0·81
7	—0·17	—0·35	—0·45	—0·59	—0·51	—0·33	1·02	1·19	2·39	1·47	2·29	0·79
8	—0·18	—0·36	—0·46	—0·60	—0·56	—0·33	0·91	1·17	2·34	1·47	2·16	0·74
9	—0·19	—0·35	—0·46	—0·60	—0·46	—0·30	0·79	1·02	2·24	1·45	2·21	0·71
10	—0·20	—0·34	—0·46	—0·60	—0·33	—0·08	0·76	1·04	2·24	1·52	2·29	0·61
11	—0·21	—0·34	—0·48	—0·61	—0·34	—0·10	0·81	1·30	2·39	1·55	2·18	0·53
12	—0·21	—0·35	—0·48	—0·61	—0·33	—0·27	0·81	1·27	2·29	1·63	2·06	0·51
13	—0·22	—0·36	—0·48	—0·61	—0·33	—0·28	0·84	1·17	2·13	1·68	1·96	0·46
14	—0·22	—0·36	—0·49	**—0·62**	—0·36	—0·25	0·69	1·17	2·08	1·75	1·93	0·43
15	—0·22	—0·37	—0·50	—0·61	—0·38	—0·08	0·56	1·17	2·06	1·90	1·75	0·41
16	—0·23	—0·37	—0·50	—0·61	—0·39	—0·15	0·38	1·32	2·03	2·01	1·75	0·38
17	—0·25	—0·37	—0·50	—0·61	—0·39	0·00	0·33	1·32	2·01	2·16	1·73	0·36
18	—0·25	—0·38	—0·51	—0·61	—0·41	0·05	0·33	1·27	2·06	2·31	1·68	0·36
19	—0·26	—0·38	—0·51	—0·61	—0·33	0·04	0·30	1·27	2·11	2·34	1·57	0·38
20	—0·27	—0·38	—0·51	**—0·62**	—0·34	0·10	0·25	1·27	2·06	2·41	1·45	0·43
21	—0·27	—0·38	—0·52	**—0·62**	—0·24	0·14	0·25	1·27	2·03	2·49	1·45	0·43
22	—0·28	—0·39	—0·53	**—0·62**	—0·17	0·00	0·23	1·57	1·98	2·59	1·42	0·38
23	—0·28	—0·39	—0·54	—0·61	—0·20	0·08	0·18	1·42	1·98	2·62	1·30	0·33
24	—0·29	—0·40	—0·53	—0·56	—0·24	0·25	0·18	1·32	2·01	2·51	1·24	0·30
25	—0·29	—0·41	—0·54	—0·56	—0·28	0·33	0·20	1·22	2·01	2·59	1·19	0·25
26	—0·30	—0·41	—0·54	—0·55	—0·29	0·18	0·23	1·17	1·93	2·68	1·12	0·20
27	—0·30	—0·41	—0·55	—0·55	—0·29	0·23	0·25	1·09	1·85	2·72	1·07	0·18
28	—0·30	—0·42	—0·56	—0·56	—0·27	0·41	0·23	1·22	1·78	2·82	1·07	0·15
29	—0·31	—	—0·56	—0·53	—0·28	0·43	0·23	1·42	1·75	**2·87**	1·07	0·13
30	—0·31	—	—0·56	—0·55	—0·30	0·58	0·23	1·68	1·75	**2·87**	1·04	0·10
31	—0·32	—	—0·56	—	—0·30	—	0·23	1·70	—	2·84	—	0·07
Mean	—0·23	—0·36	—0·50	—0·59	—0·37	—0·04	0·53	1·18	2·08	2·10	1·82	0·49
Years mean 1904—1905	[—0·23	—0·36	—0·50]	—0·34	—0·12	0·16	1·32	2·36	2·59	2·03	1·55	0.31

NOTE. — On the Jur River in the Bahr el Ghazal province.

Ghaba Shambe River gauge in 1905

(Readings in metres)

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1·65	1·50	1·35	1·30	**1·20**	1·30	1·48	1·43	1·50	1·75	1·72	1·65
2	1·65	1·50	1·35	1·25	**1·20**	1·32	1·50	1·43	1·55	1·75	1·67	1·65
3	1·65	1·50	1·35	1·25	**1·20**	1·32	1·50	1·43	1·55	1·75	1·65	1·66
4	1·65	1·50	1·35	1·25	**1·20**	1·35	1·50	1·45	1·55	1·75	1·65	1·66
5	1·65	1·50	1·35	1·25	1·25	1·35	1·50	1·45	1·53	1·75	1·64	1·66
6	1·65	1·50	1·35	1·25	1·25	1·35	1·50	1·45	1·53	1·75	1·63	1·67
7	1·65	1·50	1·35	1·25	1·25	1·35	1·50	1·45	1·53	1·75	1·63	1·67
8	1·65	1·50	1·35	1·25	1·25	1·35	1·50	1·45	1·53	1·75	1·62	1·67
9	1·65	1·50	1·35	1·25	1·25	1·35	1·50	1·47	1·53	1·75	1·60	1·67
10	1·65	1·45	1·35	1·25	1·25	1·35	1·50	1·47	1·53	1·76	1·58	1·66
11	1·65	1·45	1·35	1·25	1·25	1·35	1·50	1·47	1·53	1·76	1·56	1·65
12	1·65	1·45	1·35	1·25	1·25	1·35	1·50	1·49	1·53	1·76	1·55	1·65
13	1·65	1·45	1·32	1·25	1·25	1·35	1·50	1·49	1·53	1·77	1·55	1·65
14	1·60	1·45	1·32	1·25	1·25	1·38	1·52	1·49	1·53	1·77	1·55	1·64
15	1·60	1·45	1·30	1·25	1·25	1·40	1·50	1·49	1·53	1·77	1·54	1·65
16	1·60	1·45	1·30	1·25	1·25	1·40	1·48	1·49	1·57	1·77	1·54	1·65
17	1·60	1·45	1·30	1·25	1·25	1·40	1·48	1·49	1·57	1·78	1·54	1·66
18	1·60	1·45	1·30	1·25	1·25	1·40	1·48	1·49	1·57	**1·80**	1·54	1·66
19	1·59	1·45	1·30	1·25	1·25	1·45	1·48	1·49	1·57	**1·80**	1·53	1·65
20	1·58	1·40	1·30	1·25	1·25	1·45	1·48	1·49	1·57	**1·80**	1·53	1·66
21	1·58	1·40	1·30	1·25	1·25	1·45	1·48	1·50	1·60	**1·80**	1·54	1·67
22	1·58	1·40	1·30	1·25	1·25	1·45	1·48	1·50	1·60	**1·80**	1·54	1·67
23	1·56	1·40	1·30	1·25	1·25	1·48	1·48	1·52	1·60	1·78	1·58	1·68
24	1·55	1·38	1·30	1·25	1·25	1·48	1·47	1·52	1·63	1·77	1·58	1·68
25	1·55	1·35	1·30	1·25	1·25	1·48	1·45	1·52	1·65	1·77	1·58	1·68
26	1·54	1·35	1·30	1·25	1·25	1·48	1·45	1·52	1·65	1·75	1·62	1·68
27	1·50	1·35	1·30	1·25	1·25	1·48	1·45	1·52	1·65	1·75	1·63	1·70
28	1·50	1·35	1·30	1·25	1·25	1·48	1·45	1·52	1·65	1·75	1·63	1.70
29	1·50	—	1·30	1·25	1·25	1·48	1·43	1·52	1·68	1·75	1·63	1·71
30	1·50	—	1·30	**1·20**	1·30	1·48	1·43	1·50	1·75	1·72	1·64	1·70
31	1·50	—	1·30	—	1·30	—	1·43	1·50	—	1·72	—	1·70
Mean	1·60	1·44	1·32	1·25	1·25	1·40	1·48	1·48	1·58	1·76	1·59	1·67
3 years mean 1903—1905	1·54	1·40	1·33	1·32	1·36	1·46	1·56	1·58	1·73	1·83	1·73	1·67

Bor River gauge in 1905

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1						1·44	**1·59**	1·51	1·50	1·54	1·47	1·50
2						1·44	**1·59**	1·51	1·50	1·54	1·48	1·50
3						1·49	**1·59**	1·51	1·51	1·52	1·48	1·51
4						1·49	**1·59**	1·50	1·51	1·50	1·48	1·51
5			1·38			1·49	**1·59**	1·50	1·52	1·49	1·49	1·51
6						1·49	**1·59**	1·50	1·52	1·48	1·50	1·51
7						1·49	**1·59**	1·50	1·52	1·48	1·50	1·51
8						1·49	**1·59**	1·50	1·52	1·48	1·50	1·51
9						1·49	**1·59**	1·50	1·52	1·48	1·50	1·51
10						1·49	**1·59**	1·50	1·52	1·48	1·50	1·51
11						1·54	**1·59**	1·50	1·52	1·48	1·51	1·51
12						1·54	1·54	1·50	1·52	1·48	1·51	1·51
13					1·37	1·54	1·54	1·50	1·53	1·47	1·51	1·51
14					1·37	1·54	1·54	1·50	1·53	1·47	1·51	1·51
15				**1·34**	1·37	1·54	1·50	1·50	1·55	1·46	1·51	1·51
16					1·37	1·54	1·50	1·50	1·55	1·46	1·51	1·51
17					1·37	1·54	1·50	1·50	1·55	1·46	1·51	1·51
18					1·39	**1·59**	1·50	1·50	1·55	1·46	1·51	1·51
19					1·39	**1·59**	1·50	1·50	1·55	1·46	1·50	1·50
20					1·39	**1·59**	1·50	1·50	1·55	1·46	1·50	1·50
21					1·39	**1·59**	1·51	1·50	1·55	1·46	1·50	1·50
22					1·39	**1·59**	1·51	1·50	1·55	1·46	1·50	1·50
23		1·40			1·39	**1·59**	1·51	1·50	1·55	1·45	1·50	1·50
24					1·44	**1·59**	1·51	1·50	1·55	1·45	1·50	1.50
25		1·39			1·44	**1·59**	1·51	1·50	1·55	1·45	1·50	1·50
26					1·44	**1·59**	1·51	1·50	1·55	1·45	1·50	1·50
27					1·44	**1·59**	1·51	1·50	1·55	1·45	1·50	1·50
28					1·44	**1·59**	1·51	1·50	1·56	1·45	1·50	1·50
29		—			1·44	**1·59**	1·51	1·50	1·56	1·45	1·50	1·50
30		—			1·44	**1·59**	1·51	1·50	1·56	1·46	1·50	1·50
31		—		—	1·44	—	1·51	1·50	—	1·47	—	1·50
Mean					[1·41]	1·54	1·54	1·50	1·54	1·47	1·50	1·51

NOTE.— Commenced on the 23rd February 1905 but not regularly read before May 13th.—A masonry built gauge has been taken into use since October 1st 1905. No correction is required for readings recorded on the former one.

Mongalla River gauge in 1905

(Readings in metres)

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	2·20	2·03	1·85	1·76	1·82	2·05	1·87	1·80	2·45	2·13	2·57	2·83
2	2·19	2·03	1·83	1·76	1·81	2·01	1·84	1·85	2·55	2·14	2·53	2·74
3	2·18	2·01	1·82	1·78	1·80	2·00	2·02	1·98	2·65	2·12	2·37	2·67
4	2·17	2·00	1·81	1·78	1·80	1·95	1·89	1·95	2·60	2·07	2·35	2·58
5	2·16	2·00	1·81	1·79	1·80	1·91	1·82	1·87	2·70	2·08	2·35	2·53
6	2·15	1·99	1·81	1·77	1·85	1·89	1·80	1·82	2·65	2·03	2·34	2·54
7	2·13	1·98	1·81	1·77	1·89	1·86	1·85	1·83	2·70	2·01	2·44	2·52
8	2·13	1·97	1·80	1·78	1·89	1·85	1·85	1·93	2·65	2·02	2·52	2·48
9	2·13	1·97	1·79	1·77	1·84	1·85	2·05	1·92	2·60	2·07	2·48	2·45
10	2·12	1·96	1·79	1·78	1·85	1·82	2·00	1·85	2·62	2·06	2·38	2·36
11	2·11	1·95	1·78	1·76	1·90	1·81	1·92	1·85	2·55	2·03	2·31	2·35
12	2·11	1·95	1·78	1·76	2·21	1·80	2.25	1·90	2·60	2·13	2·27	2·53
13	2·11	1·95	1·78	1·76	2·60	1·85	2·37	1·95	2·65	2·15	2·23	2·55
14	2·10	1·94	1·79	1·76	2·45	1·85	2·11	1·95	2·75	2·07	2·19	2·62
15	2·10	1·93	1·78	1·75	2·29	1·90	1·95	1·95	2·75	2·02	2·24	2·54
16	2·10	1·93	1·77	1·77	2·07	2·01	1·86	2·10	2·75	2·00	2·42	2·55
17	2·09	1·92	1·77	1·79	2·01	1·90	1·90	2·20	2·60	2·02	2·41	2·47
18	2·10	1·91	1·77	1·97	2·07	1·85	2·00	2·00	2·55	2·17	2·35	2·44
19	2·09	1·91	1·76	1·86	2·53	1·85	1·95	1·95	2·62	2·14	2·35	2·37
20	2·08	1·90	1·76	1·99	2·28	1·82	1·95	1·95	2·50	2·05	2·35	2·40
21	2·06	1·89	1·76	1·87	2·15	1·81	1·83	2·03	2·53	2·05	2·52	2·35
22	2·06	1·88	1·76	1·82	2·27	1·78	1·80	2·25	2·45	2·08	3·55	2·35
23	2·06	1·88	1·76	1·85	2·33	1·80	1·77	2·45	2·50	2·08	2·62	2·34
24	2·05	1·87	1·76	1·85	2·42	1·80	2·15	2·10	2·43	2·07	2·68	2·31
25	2·05	1·86	1·76	1·82	2·33	1·80	2·07	2·22	2·33	2·33	2·82	2·30
26	2·05	1·86	1·76	1·81	2·49	1·82	1·90	2·30	2·21	2·34	2·81	2·28
27	2·04	1·86	1·76	1·83	2·58	1·84	1·81	2·50	2·18	2·62	2·75	2·24
28	2·04	1·86	1·76	1·88	2·36	1·84	1·80	2·50	2·18	2·78	2·78	2·21
29	2·03	—	1·76	1·86	2·20	1·88	1·80	2·60	2·17	2·86	2·82	2·20
30	2·02	—	1·76	1·83	2·25	1·82	1·90	2·60	2·14	2·83	2·79	2·18
31	2·02	—	1·76	—	2·10	—	1·80	2·50	—	2·75	—	2·15
Mean	2·10	1·94	1·78	1·81	2·14	1·87	1·93	2·09	2·52	2·20	2·49	2·43
3 years mean 1903—1905	[2·09]	[1·96]	[1·86]	1·64	1·92	1·99	2·15	2·54	2·85	2·57	2·63	2·34

NOTE.— A masonry built gauge has been taken into use since the 1st June 1905 ; Readings previous to that date have here been corrected by subtracting 0·55 metre.

Wadelai River gauge in 1905 *

(Readings in metres).

Date	January	February	March	April	May	June	July	August	September	October	November	December
1	1·92	1·93	1·75	0·97	0·97	0·97	0·97	0·91	0·94	0·99	1·04	1·22
2	1·92	1·96	1·75	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·22
3	1·92	1·93	1·75	0·97	0·97	0·99	0·97	0·91	0·94	1·07	1·04	1·22
4	1·92	1·93	1·75	0·97	0·97	0·99	0·97	0·91	0·94	1·07	1·04	1·22
5	1·92	1·93	1·75	0·97	0·97	0·99	0·97	0·91	0·94	1·07	1·04	1·22
6	1·92	1·93	1·65	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·22
7	1·92	1·93	1·65	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·22
8	1·92	1·93	1·64	0·97	0·97	1·07	0·97	0·91	0·94	1·07	1·04	1·22
9	1·92	1·93	1·63	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·22
10	1·92	1·93	1·65	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·22
11	1·90	1·93	1·63	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·22
12	1·90	1·93	1·63	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·22
13	1·90	1·93	1·63	0·97	0·97	1·02	0·97	0·91	0·94	1·07	1·04	1·22
14	1·90	1·93	1·63	0·97	0·97	0·99	0·97	0·91	0·94	1·07	1·04	1·22
15	1·90	1·93	1·59	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·35
16	1·90	1·93	No readings on account of clearing sand found in gauge well	0·97	0·97	1·07	0·97	0·91	0·94	1·07	1·04	1·35
17	1·94	1·93		0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·04	1·35
18	1·94	1·93		0·97	0·97	0·97	0·91	0·91	0·94	1·07	1·04	1·35
19	1·94	1·93		0·97	0·97	0·97	0·91	0·91	0·99	1·07	1·04	1·35
20	1·94	1·93		0·97	0·97	0·97	0·91	0·91	0·99	1·07	1·04	1·35
21	1·94	1·93		0·97	0·97	0·99	0·91	0·91	1·04	1·07	1·04	1·35
22	1·94	1·93		0·97	0·97	0·97	0·91	0·91	1·02	1·07	1·07	1·35
23	1·94	1·93		0·97	0·97	1·02	0·91	0·91	1·04	1·07	1·07	1·37
24	1·94	1·93	1·05	0·97	0·97	0·99	0·91	0·91	1·04	1·07	1·04	1·37
25	1·94	1·93	1·00	0·97	0·97	0·97	0·91	0·94	1·02	1·07	1·04	1·37
26	1·94	1·93	0·97	0·97	0·97	0·97	0·91	0·94	1·02	1·14	1·07	1·37
27	1·94	1·78	0·99	0·97	0·97	0·97	0·91	0·94	1·04	1·14	1·09	1·37
28	1·94	1·78	0·99	0·97	0·97	0·97	0·91	0·94	1·04	1·14	1·09	1·37
29	1·94	—	0·98	0·97	0·97	0·97	0·91	0·94	1·07	1·14	1·32	1·37
30	1·94	—	0·97	0·97	0·97	0·97	0·91	0·94	1·07	1·14	1·35	1·37
31	1·94	—	0·97	—	0·97	—	0·91	0·94	—	1.14	—	1·37
Mean	1·93	1·92	[1·43]	0·97	0·97	0·98	0·94	0·92	0·98	1·08	1·07	1·30
5 years mean 1901-1905	1·26	1.16	0·97	0·82	0·87	0·90	0·95	1·04	1·14	1·28	1·27	1·34

NOTE.—*Kindly furnished by the authorities of the Uganda Protectorate.
Readings until March 15th are unreliable as the gauge well channel leading to the river was sanded up.

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Magnetic Observations in North Africa.

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