MINISTRY OF FINANCE, EGYPT.

SURVEY DEPARTMENT.

# METEOROLOGICAL REPORT

## FOR THE YEAR 1913.

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# National Oceanic and Atmospheric Administration

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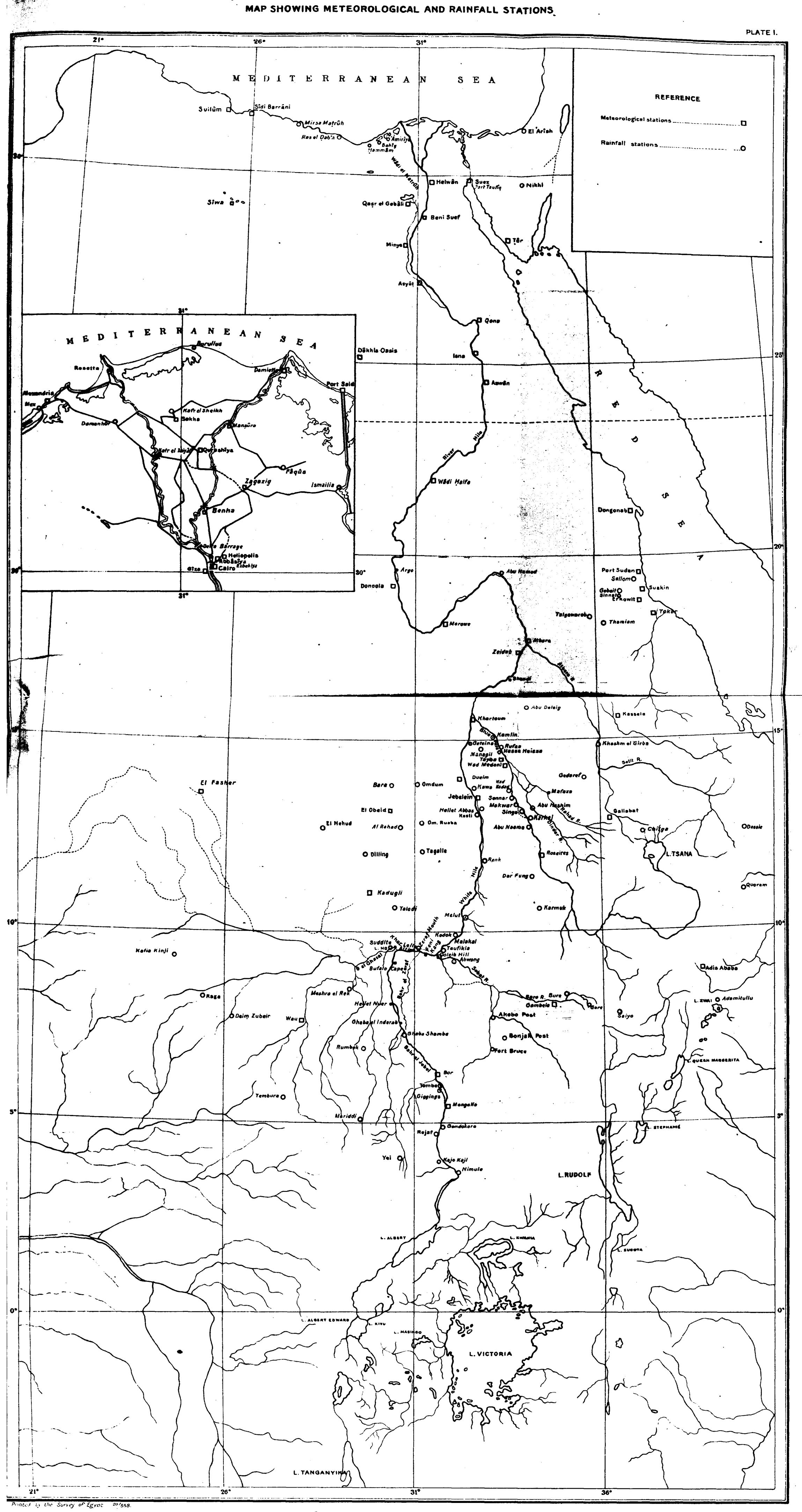
# MAP SHOWING METEOROLOGICAL AND RAINFALL STATIONS

PLATE I.

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Scale 1 : 7.500.000 or 1 inch = 118 Statute Miles

Miles 100 0 100 200 300 Miles

# METEOROLOGICAL REPORT.

Egypt. Meteorological Dept.

MINISTRY OF FINANCE, EGYPT.

SURVEY DEPARTMENT.

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## FOR THE YEAR 1913.

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# INTRODUCTION AND EXPLANATION OF THE TABLES.

The instruments used for recording the various meteorological elements at the Helwân Observatory have been as follows :—

**Pressure.**—Sprung-Fuess barograph standardized by comparison with a Fuess station barometer, which has itself been compared with a Normal Barometer. On the occasions when this instrument has failed a Richard barograph has been used.

**Temperature and Humidity.**—Callendar Recorders standardized by comparison with mercury thermometers ; as auxiliary recorders Richard thermograph and hygrograph.

**Wind.**—Kew-pattern anemograph. The height of the cups is twenty metres above ground level, the direction vane being one metre lower.

The wind observations have been reduced as described in the report for 1905.

**Duration of Sunshine.**—Campbell-Stokes Sunshine recorder.

**Evaporation.**—Wild Evaporimeter in screen.

**Terrestrial Magnetism.**—A set of Watson magnetographs standardized by absolute observations with an Elliott magnetometer and a Dover Dip Circle. Several comparisons have been made between the Helwân Standard as determined by these two instruments and those of Kew and the Carnegie Institution of Washington. For an account of these *see* "Magnetic" Survey of Egypt and the Sudan. Survey Department Paper No. 33, by H.E. Hurst.

**Atmospheric Electricity.**—A water dropper connected to an electrograph which is calibrated by means of a Kelvin electrostatic voltmeter. For a full account of the methods employed *see* Survey Department Paper No. 10, "A Discussion of the observations on Atmospheric Electricity at Helwân Observatory from March 1906 to February 1908," by H.E. Hurst.

NOTE.—The mean-for-the-day values of Temperature, Relative Humidity, and Vapour Tension marked with an asterisk are taken from eye readings (second order means) with systematic corrections applied to reduce them to first order means. All the times in this report, unless otherwise stated, are Helwân Local Time which is two hours and five minutes fast on Greenwich Time.

The first part of this report contains the observations made under the supervision of Mr. H. Knox Shaw at the Helwân Observatory, Helwân (pp. 1–32) which is the first order station for Egypt, and the second part the observations at the second and third order meteorological stations in Egypt and the Sudan, together with those at some foreign stations not controlled by the Survey Department. For the sake of comparison the means of the observations at Helwân have also been computed in the same way as those at second order stations, and are included in the monthly summaries (pp. 150–199).

It should be noted that the means computed in this way from only three observations are slightly different from those which are derived from hourly values given by recording instruments.

A first order station for the Sudan is in course of formation at the Gordon College, Khartoum.

The stations for which observations are given in this report, including some not under the Survey Department, but in correspondence with it, are :—

| Stations. | Order of Station. | Year of Commencement. | Latitude. | | Longitude. | | Altitude. | Observations made or supplied. |
|---|---|---|---|---|---|---|---|---|
| | | | ° | ′ | ° | ′ | m. | |
| Smyrna | III | 1907 | 38 | 26 | 17 | 9 | 19·8 | Official, International College. |
| Candia | II | 1908 | 35 | 20 | 25 | 8 | 27·1 | Lyceum Qorais Staff. |
| Sidi Barrâni | II | 1910 | 31 | 38 | 25 | 58 | 27·3 | Mamûr of Markaz. |
| Hebron | II | 1910 | 31 | 31 | 35 | 5 | 883·9 | Mr. Alexander Paterson. |
| Damietta | III | 1907 | 31 | 25 | 31 | 49 | 2·2 | M. Félix Radisse, Directeur du Service des Eaux. |
| Port Said | II | 1886 | 31 | 16 | 32 | 19 | 3·5 | Port Officer. |
| Alexandria (Victoria College) | II | 1911 | 31 | 15 | 29 | 59 | 5·0 | The Principal, Victoria College. |
| **Alexandria** (Kôm el Nadûra) | II | 1871 | 31 | 12 | 29 | 53 | 32·0 | Officer of Ports and Lighthouses Administration. |
| El ʿArîsh | II | 1907 | 31 | 7 | 33 | 46 | 19·1 | Medical Officer. |
| **Sakha** | III | 1907 | 31 | 7 | 30 | 57 | 6·0 | Engineer, Domains Administration. |
| **Qorashîa** | II | 1907 | 30 | 51 | 31 | 7 | 7·6 | " " " " |
| **Zagazig** | II | 1912 | 30 | 35 | 31 | 30 | 11·2 | L'Ingénieur en Chef de la Municipalité. |
| Benha | III | 1912 | 30 | 28 | 31 | 11 | 13·8 | Messrs. E. Mallison and Co. |
| Khanka | III | 1906 | 30 | 13 | 31 | 21 | 30·8 | Main Drainage Department Staff. |
| Heliopolis | III | 1908 | 30 | 6 | 31 | 19 | 41·0 | Clerk of the Heliopolis Oasis Co., Ltd. |
| ʿAbbassia | II | 1867 | 30 | 5 | 31 | 17 | 29·9 | Observer from Helwân Observatory. |
| Cairo (Ezbekia) | III | 1909 | 30 | 3 | 31 | 15 | 22·9 | Survey Department Staff. |
| **Giza** | II | 1902 | 30 | 2 | 31 | 13 | 27·8 | " " " " |
| Suez | II | 1886 | 29 | 56 | 32 | 33 | 3·4 | Official, Suez Canal Company. |
| Nekhl | III | 1908 | 29 | 54 | 33 | 45 | 400 | Sinai Mudiria Staff. |
| Helwân | I | 1904 | 29 | 52 | 31 | 20 | 115·6 | Observatory Staff. |
| Qasr el Gebali | II | 1907 | 29 | 20 | 30 | 38 | 7·6 | Engineer, Domains Administration. |
| Siwa | III | 1911 | 29 | 12 | 25 | 29 | —23 | Medical Officer. |
| Beni Suef | III | 1901 | 29 | 4 | 31 | 6 | 28·4 | 4th Circle of Irrigation. |
| **Tôr** | II | 1905 | 28 | 14 | 33 | 37 | 1·9 | Official, Quarantine Board. |
| Minia | III | 1907 | 28 | 6 | 30 | 46 | 43·0 | Agricultural Bank Staff. |
| **Assiût** | II | 1900 | 27 | 11 | 31 | 13 | 55·4 | Assiût Barrage Staff. |
| Qena | III | 1913 | 26 | 10 | 32 | 43 | 73·0 | Mudir, Qena. |
| **Dakhla Oasis** | II | 1905 | 25 | 29 | 29 | 0 | — | Medical Officer, Department of Public Health. |
| Esna | III | 1907 | 25 | 18 | 32 | 34 | 82·0 | Irrigation Department Staff. |
| **Aswân** | II | 1900 | 24 | 2 | 32 | 53 | 99·6 | Aswân Reservoir Staff. |
| **Wadi Halfa** | II | 1900 | 21 | 55 | 31 | 19 | 128·3 | Medical Officer, Egyptian Army. |
| Dongonab | III | 1908 | 21 | 6 | 37 | 8 | 5·0 | Clerk of the Marine Biologist. |
| **Port Sudân** | II | 1905 | 19 | 37 | 37 | 13 | 5·9 | Civil Medical Officer. |
| Dongola | III | 1911 | 19 | 8 | 30 | 28 | 236·6 | Medical Officer, Civil Hospital. |
| Suakin | III | 1900 | 19 | 7 | 37 | 20 | 4·5 | Medical Officer, Egyptian Army. |
| Erkowit | III | 1908 | 18 | 50 | 37 | 6 | 1093·5 | Mamûr, Erkowit. |
| **Merowe** | II | 1905 | 18 | 29 | 31 | 50 | 255·1 | Medical Officer, Egyptian Army. |
| Tokar | III | 1913 | 18 | 25 | 37 | 40 | — | The Supt. of Agriculture, Red Sea Province. |
| **ʿAtbara** | II | 1902 | 17 | 40 | 33 | 58 | 354·5 | Medical Officer, Egyptian Army. |
| Khartoum (Research Farm) | III | 1913 | 15 | 40 | 32 | 34 | 390·0 | The Principal, Central Research Farm, Khartoum North. |
| **Khartoum** (Gordon College) | I | 1908 | 15 | 37 | 32 | 33 | 390·0 | Gordon College Staff. |
| **Kassala** | II | 1900 | 15 | 28 | 36 | 24 | 507·8 | Medical Officer, Egyptian Army. |
| Wad Medani | II | 1900 | 14 | 24 | 33 | 31 | 407·6 | " " " " |
| Duein | II | 1902 | 14 | 0 | 32 | 20 | 383·3 | Civil Medical Officer. |
| **El Obeid** | II | 1901 | 13 | 11 | 30 | 14 | * 585·0 | Medical Officer, Egyptian Army. |
| Singa | III | 1912 | 13 | 9 | 33 | 57 | 436·3 | Agriculture and Forests Department Staff. |
| **Gallabat** | II | 1905 | 12 | 48 | 36 | 10 | 764·0 | Medical Officer, Egyptian Army. |
| **Roseires** | II | 1904 | 11 | 51 | 34 | 23 | 466·9 | " " " " |
| Kadugli | III | 1910 | 11 | 2 | 29 | 45 | 503·0 | Mamûr and Clerk of Markaz. |
| **Kodok** | II | 1904 | 9 | 53 | 32 | 8 | 387·5 | Medical Officer, Egyptian Army. |
| Harrar | III | 1908 | 9 | 42 | 42 | 30 | 1856·0 | J. Gerolimato Esq., C.M.G. |
| Kafia Kingi | III | 1910 | 9 | 22 | 24 | 18 | 596·0 | Mamûr, Kafia Kingi. |
| Doleib Hill | III | 1903 | 9 | 18 | 31 | 38 | † 391·0 | American Mission Staff. |
| Raga | III | 1909 | 8 | 15 | 25 | 35 | — | The Inspector, Raga. |
| Gambela | III | 1908 | 8 | 15 | 34 | 35 | 410·0 | Mamûr, Gambela. |
| **Wau** | II | 1902 | 7 | 42 | 28 | 3 | * 440·0 | Medical Officer, Egyptian Army. |
| **Mongalla** | II | 1903 | 5 | 11 | 31 | 47 | † 439·0 | " " " " |

The altitudes given are those of the station barometer found by levelling ; for stations with no barometer the approximate altitude of the station is given.

* Barometrical altitudes.

† Altitudes from spirit levelling with extrapolation for short distances by the slope of the river.

The **positions of stations** referred to in this report are indicated on the map printed as a frontispiece.

The following **symbols and conventions** have been employed :—

Throughout the report figures based on incomplete information have been printed in italics.

$\varphi$ = latitude, in all cases N.
$\lambda$ = longitude, in all cases E. of Greenwich.
H = the height of the barometer cistern above mean sea-level.
h = approximate height of the station above sea-level, used almost exclusively for rainfall stations.
$h_t$ = the height of the thermometers above ground.
$h_r$ = the height of the rim of the rain-gauge above ground.
$C_h$ = the mean reduction of the barometric reading to sea-level, for the month.

For the designation of time in the remarks :—

a = the morning between the first and second daily observations, *i.e.*, from 8 h. to 14 h.
p = the afternoon between the second and third observations, *i.e.*, from 14 h. to 20 h.
n = the night, from 20 h. to 24 h.
m = the morning, from 0 h. to 8 h.

The extreme readings are indicated by **Heavy Type.**

The following are the symbols that have been used to designate the weather :—

● Rain.
✱ Snow.
▲ Hail.
Gale.
< Lightning (without thunder).
⊤ Thunder (without lightning).
Thunderstorm (thunder and lightning together).
≋ Fog.
∞ Dust haze.
Dust storm.
Dew.
Hoar frost.
Rainbow.
V Unusual transparency of the atmosphere.
⊕ Solar halo.
Solar corona.
Lunar halo.
Lunar corona.

Intensity is expressed by attaching exponents 0 or 2 to the symbols.

The **monthly bulletins** (pp. 34 to 147) are nearly in the form agreed on by the International Meteorological Congress in 1897, but a column containing the daily amount of evaporation has been added, since that element is of considerable practical importance in this country. When additional observations are taken that do not easily fit into the form of the bulletin, the observations are published in full separately (pp. 206 to 210). In order to economise space a selection of stations, considered to be representative, has been made, and for these the bulletin is printed in full ; for the other second and third order stations, only a summary (pp. 150 to 199) has been printed, but manuscript copies of the bulletins for these stations have been prepared, and are held at the disposal of investigators or others who may wish to consult them. The stations selected for publication in full are printed in heavy type in the list of stations given above.

The **observations** are taken at 8 h., 14 h., and 20 h., Egyptian and Sudan standard time, which is two hours fast on Greenwich mean time. The maximum temperature,* the rainfall, and the evaporation are recorded at 8 h. and entered as for previous day. The minimum temperature is read at 8 h. and entered as for the same day. All observations have been corrected for instrumental errors, and the barometric readings have been corrected also to 0° C. and mean gravity, but no other reductions have been made.†

The mean reduction to mean sea-level is, however, stated at the head of the table for each station, on the basis of the International Meteorological Tables.

The **diurnal means** are derived from the observations as follows :—

| At Stations Observing | Temperature. | Relative Humidity. | Pressure, Vapour Pressure, 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 ,, | $(8^h + 20^h)/2$ | ,, | $(8^h + 20^h)/2$ |
| Once ,, | (Max. + Min.) /2 | $8^h$ | — |

The **corrections to the means** so derived were given in the Introduction to the Annual Meteorological Report for 1905, Part II. They have been discussed also by Professor von Hann in the Meteorological Zeitschrift for 1908, p. 559, and as regards the Sudan, by Mr. T. L. Bennett in the Introductions to the Annual Meteorological Reports for 1908, Part II, p. xvi, and 1911, Part II, p. xv.

In computing the **humidities** Jelinek's Psychrometertafeln (Leipzig, 1903) have been used, but no correction for wind velocity has been applied. It is not uncommon, especially in the Sudan, for the relative humidities obtained from the tables to fall below 10 or even 5%. It seems improbable that the surface air is ever as dry as this, and the validity of the tables, in extreme conditions such as obtain in these countries, is (1913) under investigation, and a report will shortly be published.

Most of the stations were inspected during the year, and the instruments verified, or, where there appeared to be too great a change since last inspection, exchanged and withdrawn for further examination.

**Barometer Index Corrections employed during the Year 1913.**

| No. | Stations. | | | No. | Stations. | | |
|---|---|---|---|---|---|---|---|
| 1 | Smyrna ... ... ... ... | 0·0 | — | 18 | Assiût ... ... ... ... | +0·2 | — |
| 2 | Candia ... ... ... ... | +0·5 | — | 19 | Dakhla Oasis ... ... | +0·5 | — |
| 3 | Sidi Barrâni... ... ... | −0·11 | — | 20 | Aswân ... ... ... ... | −0·28 | — |
| 4 | Hebron... ... ... ... | 0·0 | — | 21 | Wadi Halfa... ... ... | −0·3 | — |
| 5 | Port Said ... ... ... | +0·59 | — | 22 | Port Sudân ... ... ... | −0·92 | — |
| 6 | Alexandria (Victoria College)... ... ... | +0·30 | — | 23 | Suakin ... ... ... ... | −0·14 | — |
| 7 | Alexandria (Kôm el Nadûra) ... ... ... | −0·03 | — | 24 | Merowe... ... ... ... | +0·28 | — |
| 8 | El ʿArish ... ... ... | −0·03 | — | 25 | ʿAtbara... ... ... ... | −0·52 | — |
| 9 | Qorashia ... ... ... | +0·24 | — | 26 | Khartoum (Gordon College) ... ... ... | +0·36 | — |
| 10 | Zagazig... ... ... ... | +0·16 | — | 27 | Kassala... ... ... ... | −0·37 | — |
| 11 | ʿAbbassia ... ... ... | +0·02 | — | 28 | Wad Medani ... ... | +0·10 | — |
| 12 | Giza ... ... ... ... | +0·29 | — | 29 | Dueim ... ... ... ... | +0·12 | — |
| 13 | Suez ... ... ... ... | +0·09 | — | 30 | El Obeid ... ... ... | +0·43 | — |
| 14 | Helwân... ... ... ... | 0·0 | — | 31 | Gallabat ... ... ... | +0·19 | — |
| 15 | Qasr el Gebali ... | +0·89 | January 1—March 31 | 32 | Roseires ... ... ... | +0·38 | — |
| | | +0·67 | April 1—December 31 | 33 | Kodok ... ... ... ... | −0·1 | — |
| 16 | Siwa ... ... ... | +0·08 | January 1—March 31 | 34 | Kafia Kingi... ... ... | +0·4 | — |
| | | +0·32 | April 1—December 31 | 35 | Wau ... ... ... ... | 0·0 | — |
| 17 | Tôr... ... ... ... ... | +0·15 | — | 36 | Mongalla ... ... ... | −0·1 | — |

The standard throughout the year was No. 461.

* At Second Order stations, the maximum temperature is read at 8 p.m. and entered as for the same day.

† The pressure so corrected has been called "Standard Pressure," and this is the second year in which the correction to mean gravity has been used.

MONTHLY SUMMARIES (pp. 150 to 199).—The monthly mean values taken from the monthly bulletins have been collected here for convenience of reference, but Evaporation and Mean Wind Force have been placed in separate tables (pp. 206 and 207), owing to lack of space in the form for the monthly summary.

ANNUAL SUMMARIES (pp. 202 and 203).—The annual means have been collected here for convenience of reference. Among them are included summaries from seven stations in Cyprus, the observations from which, by arrangement between the British Meteorological Office and the Survey Department, are reduced in this office, for publication in the Cyprus blue-book. The observations have here been reduced to the corresponding metric equivalents.

ADDITIONAL TABLES (pp. 206 to 210).—At some of the stations, additional instruments, besides those used for the observations of the second order, are in use. These are: at most stations an evaporimeter, of the Wild pattern in Egypt, and of the Piche type in the Sudan; at Alexandria, a Dines anemograph and a Campbell-Stokes sunshine-recorder; at Port Said and Khartoum sunshine-recorders of the same pattern.

RAINFALL TABLES (pp. 212 to 240).—These give data of rainfall and wind-direction for a number of stations in the Sudan, and also in Lower Egypt, where the effect of rainfall on the control of the irrigation canals and drains is important.

Normal values will be found in the Annual Meteorological Report for 1907, Part II, pp. 218–224.

H. E. HURST,
*Acting Director Physical Service.*

# THE WEATHER OF 1913.

JANUARY.—During this month the conditions in Egypt were as usual disturbed owing to the passage of depressions along the Mediterranean. Rainfall, however, was deficient practically all over the area included in this report. Temperature was normal. The Nile was well below normal at all places not artifically controlled by barrages.

FEBRUARY.—The weather was of normal character, but the temperature slightly below the average.

MARCH.—Conditions were less disturbed than is usually the case, because, although the number of depressions which travelled along the Mediterranean area was normal, only one came sufficiently near Egypt to affect the weather. The month was slightly cooler than usual both in Egypt and the Sudan.

APRIL.—The weather was more settled than usual. The temperature was slightly above the average in Egypt and the Northern Sudan, but slightly below in the Southern Sudan and Central Sudan. Rainfall was practically normal in the Sudan. The Blue and White Niles were considerably below the average at the beginning of the month as the result of the previous flood, but rises took place towards the end of the month on the upper waters, making them on the whole about normal. The main Nile, however, was still below normal, as the effects of these rises had not reached it.

MAY.—Conditions were less disturbed than usual over Egypt, to which may probably be traced the fact that the weather was cooler than usual. In the Sudan also, temperatures were lower than usual. Both the White and Blue Niles were above normal, but the Main Nile still below.

JUNE.—The weather was settled and cooler than usual. In the Southern Sudan, however, temperatures were a little above the average. Rainfall in the Sudan and surrounding regions was below normal. The Nile and its feeders were practically everywhere below normal.

JULY.—Over Egypt the temperature on the whole was below the average. A hot wave spread over Egypt and the Northern Sudan on the 13th and 14th, causing temperatures in Egypt higher than have been recorded for the past fifteen years. Rainfall in the Sudan, with a few exceptions, was everywhere considerably below the average. The river was everywhere much below normal.

AUGUST.—The weather was of normal character, with temperatures below the average in Egypt and above the average in the Sudan. Rainfall in most districts of the Sudan was considerably in defect. The river was everywhere much below normal.

SEPTEMBER.—Temperature was everywhere above the average, and rainfall in the Sudan below the average. The river was everywhere below the average, and this flood is the lowest of which there is authentic record.

OCTOBER.—The weather of Egypt was on the whole of a settled character. The temperature distribution was anomalous, some places having temperatures above, others below normal. Sudan rainfall was below the average. The river continued at very low levels.

NOVEMBER.—Fine weather prevailed, temperature on the whole being below the average. Rainfall over the Nile Basin was below the average. River levels remained low.

DECEMBER.—The weather over Egypt was unusually unsettled and shipping in the Eastern Mediterranean suffered considerably from storms. Temperature was below the average. The rainfall on the Lake Plateau was below normal, and the Sudan was as usual at this time of the year rainless.

THE YEAR.—The principal feature was the lack of rain in the Nile Basin and the consequent low flood, which was the lowest of which we have record in the last 200 years. In Egypt the summer was cooler than usual, and in practically all districts the mean temperature for the year was below normal.

**Differences from Normal by Districts.**

| 1913. | Jan. | Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PRESSURE IN MILLIMETRES. | | | | | | | | | | | | |
| 1. Mediterranean East | +1·58 | +0·85 | +2·95 | +0·05 | —0·35 | +1·05 | +1·65 | +1·18 | +0·48 | +0·02 | +0·30 | +1·12 | +0·91 |
| 2. Egyptian | +1·25 | +0·10 | +2·10 | —0·50 | —0·25 | +0·95 | +1·60 | +0·98 | +0·30 | +0·10 | +0·48 | +1·10 | +0·68 |
| 3. Saharan | +0·65 | +0·25 | +1·30 | —1·00 | +0·55 | +0·52 | +0·68 | +0·75 | +0·10 | +0·82 | +0·85 | +1·42 | +0·57 |
| 4. North Sudan | +0·50 | +0·20 | +0·90 | —1·08 | —0·30 | —0·15 | —0·35 | +0·12 | —0·85 | +0·20 | +0·42 | +1·18 | +0·06 |
| 5. Red Sea | +0·60 | —0·15 | +0·45 | —0·85 | —0·30 | —0·50 | +0·10 | +0·30 | —0·10 | +0·50 | —0·50 | +1·00 | +0·04 |
| 6. Central Sudan | +0·95 | —0·07 | +1·38 | —0·30 | —0·35 | —0·28 | —0·10 | +0·13 | —0·67 | —0·17 | +0·13 | +0·97 | +0·14 |
| 7. South Sudan | +1·00 | —0·50 | +0·70 | —0·30 | —0·50 | —0·40 | —0·10 | —0·40 | —0·60 | 0·00 | —0·20 | +0·60 | —0·06 |
| | TEMPERATURE (MAXIMUM + MINIMUM) /2 IN DEGREES CENTIGRADE. | | | | | | | | | | | | |
| 1. Mediterranean East | +0·1 | —0·8 | —0·5 | +0·2 | —0·7 | —0·9 | —1·1 | —0·9 | +0·2 | 0·0 | —0·3 | —1·4 | —0·5 |
| 2. Egyptian | +0·3 | —0·8 | —0·8 | +0·4 | —1·4 | —1·2 | —0·8 | —0·6 | +0·4 | —0·1 | —0·7 | —0·8 | —0·5 |
| 3. Saharan | —0·4 | —1·2 | —1·5 | +1·4 | —2·1 | —1·8 | 0·0 | —0·1 | +0·5 | —0·8 | —1·8 | —1·7 | —0·8 |
| 4. North Sudan | 0·0 | —1·0 | —2·3 | +0·9 | —0·8 | —1·0 | +0·6 | +0·3 | +1·2 | +0·4 | —1·2 | —1·3 | —0·4 |
| 5. Red Sea | 0·0 | —0·8 | —1·0 | +0·6 | —0·4 | —1·5 | —0·8 | —0·3 | —0·2 | +0·9 | +0·4 | —0·5 | —0·3 |
| 6. Central Sudan | —0·5 | —0·8 | —2·5 | —0·6 | —1·0 | 0·4 | +0·2 | 0·0 | +0·4 | —0·3 | —1·2 | —1·2 | —0·6 |
| 7. South Sudan | —1·0 | —0·4 | —1·3 | —0·2 | —0·1 | +0·5 | +0·5 | +1·0 | +0·7 | —0·2 | 0·0 | —0·1 | 0·0 |
| | RAINFALL IN MILLIMETRES. | | | | | | | | | | | | Total |
| 1. Mediterranean East | —18 | + 6 | —15 | — 6 | — 7 | — 2 | 0 | 0 | + 9 | — 3 | — 5 | +30 | — 11 |
| 2. Egyptian | —11 | + 4 | — 3 | — 6 | + 4 | 0 | 0 | 0 | 0 | — 1 | + 1 | + 7 | — 5 |
| 3. Saharan | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4. North Sudan | 0 | 0 | 0 | 0 | 0 | — 9 | + 2 | + 9 | — 6 | — 8 | 0 | 0 | — 12 |
| 5. Red Sea | — 5 | — 8 | 0 | 0 | + 2 | 0 | — 6 | — 3 | 0 | —15 | —26 | — 2 | — 63 |
| 6. Central Sudan | 0 | — 2 | — 4 | +20 | + 9 | —37 | —48 | —40 | —34 | — 7 | — 4 | 0 | —147 |
| 7. South Sudan | — 2 | +13 | —27 | +18 | —35 | —12 | —13 | —63 | —57 | —21 | —15 | — 7 | —221 |

H. E. HURST,

*Superintendent Meteorological Office.*

# HELWAN OBSERVATORY.

# STANDARD PRESSURE

(in millimetres).

**HELWAN.**

## 1913.

SPRUNG FUESS BAROGRAPH.

| | | | |
|---|---|---|---|
| | Height of Barometer above sea-level | = | 115·6 metres |
| | Correction for Latitude | = — | 0·99 mm. |
| January | Correction for Altitude | = + | 10·44 " |
| February | " " | = + | 10·37 " |
| March | " " | = + | 10·31 " |
| April | " " | = + | 10·06 " |
| May | " " | = + | 9·99 " |
| June | " " | = + | 9·91 " |
| July | " " | = + | 9·83 " |
| August | " " | = + | 9·82 " |
| September | " " | = + | 9·88 " |
| October | " " | = + | 10·00 " |
| November | " " | = + | 10·23 " |
| December | " " | = + | 10·42 " |

## STANDARD PRESSURE.

MEAN OF DAY.

700 mm. +

**1913.**

| DAYS OF MONTH | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56·47 | 55·59 | 52·24 | 49·52 | 47·26 | 49·45 | 49·57 | 48·24 | 50·30 | 51·17 | 52·28 | 52·69 |
| 2 | 55·44 | 57·34 | 48·00 | 49·18 | 49·14 | 49·74 | 49·52 | 47·32 | 48·44 | 52·37 | 52·53 | 51·55 |
| 3 | 57·24 | 56·58 | 47·96 | 47·92 | 49·15 | 50·40 | 49·90 | 47·64 | 48·15 | 52·92 | 52·73 | 53·28 |
| 4 | 56·74 | 53·59 | 51·82 | 51·50 | 48·32 | 50·90 | 50·28 | 48·05 | 48·85 | 52·41 | 52.40 | 54·91 |
| 5 | 56·02 | 52·77 | 54·45 | 52·66 | 47·90 | 50·62 | 50·05 | 48·40 | 48·70 | 50·62 | 52·26 | 56·67 |
| 6 | 52·80 | 56·71 | 54·31 | 51·22 | 45·90 | 48·77 | 48·81 | 48·70 | 48·51 | 49·41 | 53·50 | 53·67 |
| 7 | 52·53 | 58·13 | 56·69 | 46·46 | 46·67 | 47·78 | 48·51 | 47·58 | 48·43 | 49·12 | 54·54 | 50·44 |
| 8 | 54·03 | 56·84 | 56·72 | 46·54 | 48·67 | 48·43 | 49·01 | 46·80 | 48·99 | 49·30 | 54·17 | 49·94 |
| 9 | 55·14 | 52·93 | 54·72 | 51·16 | 49·46 | 49·11 | 48·84 | 46·47 | 49·57 | 48·55 | 54·67 | 48·35 |
| 10 | 53·90 | 51·37 | 54·29 | 51·11 | 48·18 | 48·44 | 48·34 | 46·57 | 49·16 | 48·58 | 54·98 | 48·15 |
| 11 | 50·62 | 51·02 | 54·02 | 47·38 | 44·72 | 48·23 | 47·82 | 47·38 | 49·26 | 49·63 | 55·03 | 49·47 |
| 12 | 52·02 | 49·52 | 53·92 | 45·11 | 47·54 | 48·25 | 47·63 | 47·36 | 49·66 | 49·78 | 54·55 | 51·50 |
| 13 | 53·73 | 45·75 | 55·39 | 49·48 | 50·48 | 48·10 | 48·17 | 45·91 | 49·70 | 49·50 | 55·04 | 51·66 |
| 14 | 55·31 | 44·89 | 56·90 | 50·43 | 49·67 | 48·70 | 48·89 | 45·54 | 49·71 | 49·75 | 53·84 | 52·70 |
| 15 | 54·28 | 50·13 | 57·95 | 47·85 | 48·60 | 49·34 | 48·15 | 45·73 | 49·33 | 51·86 | 51·33 | 52·71 |
| 16 | 52·20 | 49·95 | 57·44 | 47·58 | 47·50 | 49·36 | 46·66 | 47·57 | 48·09 | 53·08 | 51·64 | 50·29 |
| 17 | 52·63 | 50·15 | 54·44 | 49·52 | 48·99 | 50·00 | 46·69 | 49·20 | 46·79 | 51·53 | 53·60 | 54·44 |
| 18 | 56·90 | 53·13 | 49·32 | 50·52 | 49·98 | 50·30 | 47·17 | 49·06 | 47·22 | 50·82 | 53·14 | 57·50 |
| 19 | 59·15 | 54·06 | 53·68 | 46·93 | 49·74 | 50·50 | 47·39 | 47·55 | 48·84 | 52·25 | 52·57 | 58·83 |
| 20 | 58·41 | 54·08 | 56·24 | 45·76 | 48·38 | 49·96 | 47·78 | 45·15 | 50·40 | 52·04 | 53·56 | 59·32 |
| 21 | 57·36 | 54·84 | 56·28 | 48·60 | 48·33 | 48·80 | 47·92 | 44·43 | 50·47 | 51·16 | 54·97 | 58·59 |
| 22 | 55·49 | 53·10 | 54·87 | 51·11 | 46·84 | 48·58 | 47·23 | 46·19 | 49·57 | 51·28 | 53·22 | 57·51 |
| 23 | 53·99 | 47·97 | 52·02 | 51·91 | 45·48 | 49·14 | 45·84 | 48·36 | 49·30 | 51·84 | 51·35 | 61·19 |
| 24 | 54·03 | 48·54 | 51·52 | 51·86 | 47·82 | 49·57 | 45·26 | 49·09 | 50·04 | 51·65 | 53·13 | 61·82 |
| 25 | 57·23 | 52·76 | 51·21 | 50·02 | 48·47 | 48·43 | 47·15 | 49·22 | 51·40 | 51·97 | 54·50 | 60·24 |
| 26 | 57·69 | 54·51 | 49·97 | 49·90 | 51·21 | 47·79 | 48·22 | 49·67 | 50·87 | 52·92 | 54·29 | 58·66 |
| 27 | 55·80 | 55·06 | 49·24 | 50·38 | 51·46 | 47·66 | 47·20 | 49·13 | 51·15 | 52·79 | 53·40 | 57·85 |
| 28 | 54·50 | 54·70 | 50·07 | 49·33 | 52·03 | 47·88 | 46·44 | 48·14 | 52·12 | 51·83 | 52·01 | 57·90 |
| 29 | 55·92 | — | 49·80 | 46·67 | 51·90 | 48·85 | 47·22 | 48·47 | 51·55 | 51·81 | 50·26 | 55·59 |
| 30 | 53·96 | — | 58·27 | 45·21 | 51·02 | 49·85 | 47·92 | 49·60 | 51·17 | 51·98 | 51·18 | 55·40 |
| 31 | 54·26 | — | 48·80 | — | 50·16 | — | 48·44 | 51·19 | — | 52·35 | — | 56·34 |
| Mean | 55·02 | 52·71 | 52·98 | 49·09 | 48·74 | 49·09 | 48·00 | 47·73 | 49·52 | 51·17 | 53·22 | 54·81 |

## STANDARD PRESSURE.

(In millimetres).

### DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

### 1913.

| Month | Hours of Observations. | | | | | | | | | | | | | | | | | | | | | | | Mean of Month |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mdnt. | |
| January ... | +0·11 | +0·12 | +0·04 | —0·05 | —0·12 | +0·10 | +0·30 | +0·63 | +0·86 | +0·89 | +0·60 | +0·01 | —0·45 | —0·73 | —0·82 | —0·77 | —0·63 | —0·42 | —0·10 | +0·01 | +0·09 | +0·12 | +0·12 | 0·00 | 55·02 |
| February ... | +0·18 | +0·11 | —0·07 | —0·13 | —0·10 | +0·10 | +0·38 | +0·71 | +0·87 | +0·91 | +0·74 | +0·30 | —0·29 | —0·67 | —0·88 | —0·89 | —0·76 | —0·61 | —0·35 | —0·09 | +0·01 | +0·12 | +0·20 | +0·21 | 52·71 |
| March ... | +0·33 | +0·23 | +0·03 | —0·05 | +0·03 | +0·17 | +0·44 | +0·69 | +0·81 | +0·78 | +0·57 | +0·22 | —0·22 | —0·68 | —0·92 | —1·03 | —0·98 | —0·78 | —0·49 | —0·18 | +0·11 | +0·30 | +0·35 | +0·29 | 52·98 |
| April ... ... | +0·24 | +0·03 | —0·13 | —0·23 | —0·10 | +0·04 | +0·34 | +0·55 | +0·68 | +0·71 | +0·55 | +0·30 | +0·02 | —0·42 | —0·70 | —0·85 | —0·86 | —0·74 | —0·48 | —0·11 | +0·17 | +0·28 | +0·34 | +0·32 | 49·09 |
| May ... ... | +0·09 | —0·13 | —0·21 | —0·21 | —0·05 | +0·17 | +0·44 | +0·57 | +0·66 | +0·65 | +0·55 | +0·26 | —0·04 | —0·31 | —0·62 | —0·82 | —0·89 | —0·80 | —0·56 | —0·18 | +0·13 | +0·37 | +0·44 | +0·39 | 48·74 |
| June ... ... | +0·23 | +0·14 | +0·07 | +0·07 | +0·16 | +0·33 | +0·52 | +0·64 | +0·60 | +0·52 | +0·37 | +0·10 | —0·19 | —0·47 | —0·72 | —0·94 | —1·02 | —0·90 | —0·66 | —0·18 | +0·12 | +0·40 | +0·46 | +0·38 | 49·09 |
| July ... ... | +0·28 | +0·18 | +0·16 | +0·15 | +0·24 | +0·35 | +0·52 | +0·60 | +0·57 | +0·50 | +0·31 | +0·06 | —0·22 | —0·52 | —0·75 | —0·92 | —1·03 | —0·93 | —0·61 | —0·23 | +0·11 | +0·32 | +0·39 | +0·34 | 48·00 |
| August ... | +0·20 | +0·10 | +0·06 | +0·07 | +0·12 | +0·26 | +0·44 | +0·56 | +0·58 | +0·54 | +0·37 | +0·12 | —0·16 | —0·48 | —0·71 | —0·84 | —0·93 | —0·90 | —0·60 | —0·18 | +0·17 | +0·34 | +0·43 | +0·37 | 47·73 |
| September . | +0·23 | +0·12 | +0·06 | +0·06 | +0·16 | +0·26 | +0·46 | +0·62 | +0·68 | +0·65 | +0·37 | +0·05 | —0·28 | —0·64 | —0·86 | —0·95 | —0·93 | —0·81 | —0·45 | —0·06 | +0·22 | +0·32 | +0·38 | +0·33 | 49·52 |
| October ... | +0·09 | —0·04 | —0·11 | —0·14 | —0·03 | +0·16 | +0·40 | +0·70 | +0·83 | +0·81 | +0·50 | +0·06 | —0·30 | —0·69 | —0·85 | —0·87 | —0·81 | —0·61 | —0·27 | +0·04 | +0·21 | +0·29 | +0·31 | +0·25 | 51·17 |
| November . | +0·12 | +0·01 | —0·05 | —0·13 | —0·09 | +0·12 | +0·38 | +0·63 | +0·80 | +0·79 | +0·51 | +0·05 | —0·45 | —0·71 | —0·84 | —0·83 | —0·70 | —0·49 | —0·18 | +0·06 | +0·19 | +0·26 | +0·30 | +0·17 | 53·22 |
| December... | —0·01 | —0·06 | —0·08 | —0·22 | —0·23 | +0·03 | +0·32 | +0·51 | +0·77 | +0·86 | +0·57 | +0·04 | —0·41 | —0·65 | —0·72 | —0·66 | —0·50 | —0·32 | —0·06 | +0·06 | +0·15 | +0·22 | +0·20 | +0·12 | 54·81 |
| Mean | +0·17 | +0·06 | —0·02 | —0·07 | 0·00 | +0·17 | +0·42 | +0·61 | +0·72 | +0·71 | +0·50 | +0·13 | —0·26 | —0·58 | —0·79 | —0·87 | —0·84 | —0·70 | —0·40 | —0·09 | +0·14 | +0·27 | +0·32 | +0·26 | 51·01 |

# TEMPERATURE (°C).

## Mean of Day.

## 1913.

| DAYS OF MONTH | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13·27 | 13·06 | 16·72 | 17·05 | 20·62 | 21·84 | 24·96 | 26·36 | 24·56 | 22·10 | 20·28 | 17·27 |
| 2 | 12·31 | 12·43 | 19·78 | 18·61 | 21·38 | 22·75 | 24·80 | 30·14 | 25·25 | 22·75 | 20·28 | 19·24 |
| 3 | 11·25 | 12·33 | 14·57 | 20·86 | 24·12 | 24·36 | 24·93 | 25·69 | 26·57 | 23·10 | 19·42 | 14·47 |
| 4 | 13·37 | 10·59 | 8·92 | 16·85 | 24·48 | 25·15 | 24·96 | 24·47 | 26·59 | 24·25 | 18·95 | 14·96 |
| 5 | 13·90 | 11·50 | 10·50 | 16·34 | 24·23 | 23·90 | 26·14 | 24·88 | 27·12 | 24·36 | 18·13 | 14·88 |
| 6 | 14·46 | 13·51 | 11·40 | 17·34 | 28·35 | 24·45 | 28·00 | 24·84 | 26·37 | 24·72 | 18·47 | 14·76 |
| 7 | 13·20 | 13·82 | 12·74 | 24·78 | 25·52 | 25·72 | 29·62 | 24·94 | 26·17 | 25·39 | 19·01 | 13·89 |
| 8 | 11·30 | 14·14 | 13·55 | 23·79 | 22·45 | 25·05 | 27·18 | 26·78 | 20·60 | 25·69 | 20·64 | 13·82 |
| 9 | 11·12 | 13·53 | 14·08 | 18·14 | 19·25 | 25·60 | 29·76 | 28·50 | 25·64 | 28·04 | 20·55 | 14·98 |
| 10 | 12·90 | 13·57 | 13·05 | 19·50 | 22·22 | 27·47 | 31·13 | 27·20 | 25·27 | 26·79 | 19·14 | 12·66 |
| 11 | 13·59 | 12·97 | 14·34 | 24·21 | 28·03 | 24·15 | 28·88 | 27·25 | 25·77 | 26·10 | 18·05 | 12·06 |
| 12 | 12·93 | 14·00 | 13·90 | 22·53 | 23·46 | 24·00 | 30·25 | 28·01 | 27·37 | 25·91 | 17·42 | 13·75 |
| 13 | 12·78 | 13·96 | 13·14 | 20·41 | 21·73 | 24·50 | 33·80 | 28·07 | 27·01 | 24·29 | 17·91 | 11·41 |
| 14 | 14·13 | 11·59 | 12·47 | 24·32 | 22·03 | 25·37 | 28·75 | 27·89 | 27·01 | 24·72 | 18·19 | 12·05 |
| 15 | 14·02 | 10·37 | 12·59 | 27·02 | 19·49 | 26·80 | 25·52 | 28·59 | 28·70 | 23·49 | 18·42 | 11·97 |
| 16 | 11·89 | 12·51 | 13·50 | 23·04 | 16·50 | 26·42 | 26·35 | 28·63 | 28·12 | 24·25 | 17·55 | 12·87 |
| 17 | 12·87 | 10·88 | 14·36 | 21·26 | 19·42 | 23·54 | 27·25 | 27·73 | 26·48 | 26·27 | 18·56 | 10·18 |
| 18 | 13·10 | 11·48 | 14·20 | 19·96 | 22·10 | 22·58 | 27·04 | 26·54 | 28·08 | 24·91 | 18·98 | 11·80 |
| 19 | 13·31 | 12·13 | 14·35 | 24·04 | 25·25 | 23·95 | 28·13 | 26·47 | 26·65 | 22·05 | 18·41 | 12·12 |
| 20 | 14·01 | 15·07 | 14·98 | 24·15 | 27·71 | 25·66 | 25·97 | 27·52 | 27·12 | 22·58 | 16·56 | 12·12 |
| 21 | 14·46 | 16·18 | 16·02 | 20·80 | 26·41 | 26·89 | 25·58 | 27·67 | 26·40 | 23·01 | 16·30 | 11·41 |
| 22 | 13·04 | 20·94 | 16·59 | 18·63 | 29·34 | 27·11 | 25·92 | 28·20 | 25·01 | 23·48 | 16·52 | 11·18 |
| 23 | 13·00 | 22·20 | 18·06 | 17·86 | 27·53 | 27·02 | 25·85 | 29·08 | 24·42 | 22·08 | 14·95 | 11·92 |
| 24 | 12·38 | 16·91 | 21·32 | 18·66 | 24·13 | 26·44 | 26·05 | 27·50 | 25·78 | 21·20 | 15·98 | 12·77 |
| 25 | 12·00 | 14·88 | 20·50 | 20·58 | 23·35 | 24·74 | 26·20 | 26·00 | 24·04 | 20·42 | 15·62 | 12·95 |
| 26 | 12·65 | 14·74 | 20·86 | 21·24 | 21·62 | 25·10 | 27·22 | 25·84 | 24·18 | 20·64 | 15·33 | 13·00 |
| 27 | 14·05 | 13·65 | 19·89 | 22·25 | 21·18 | 26·66 | 24·96 | 25·64 | 24·76 | 20·24 | 15·68 | 13·93 |
| 28 | 13·38 | 13·87 | 20·72 | 25·38 | 20·42 | 29·43 | 25·35 | 25·97 | 25·11 | 20·39 | 15·25 | 12·99 |
| 29 | 13·48 | — | 22·88 | 27·58 | 20·94 | 27·23 | 25·35 | 26·30 | 25·84 | 20·40 | 15·31 | 14·38 |
| 30 | 13·98 | — | 19·12 | 23·89 | 21·58 | 25·20 | 25·58 | 27·28 | 23·57 | 20·80 | 15·51 | 16·72 |
| 31 | 14·28 | — | 17·84 | — | 21·81 | — | 25·01 | 25·14 | — | 20·32 | — | 17·15 |
| Mean | 13·11 | 13·84 | 15·74 | 21·39 | 23·12 | 25·30 | 27·01 | 26·94 | 26·05 | 23·38 | 17·71 | 13·54 |

# TEMPERATURE.

## DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

### 1913.

| Month | Hours of Observations. | | | | | | | | | | | | | | | | | | | | | | | | Mean of Month |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mdnt. | |
| January ... | −1·98 | −2·41 | −2·90 | −3·00 | −3·23 | −3·27 | −3·43 | −2·88 | −1·34 | +0·07 | +1·58 | +3·21 | +4·01 | +4·06 | +4·22 | +3·80 | +3·05 | +2·01 | +1·13 | +0·61 | −0·05 | −0·48 | −1·22 | −1·54 | 13·11 |
| February ... | −2·09 | −2·02 | −2·92 | −3·[illegible]3 | −3·39 | −3·85 | −3·90 | −3·35 | −1·40 | +0·50 | +1·90 | +3·16 | +4·03 | +4·36 | +4·50 | +4·25 | +3·48 | +2·38 | +1·43 | +0·71 | +0·01 | −0·80 | −1·28 | −1·98 | 13·84 |
| March ... | −3·13 | −3·57 | −4·14 | −4·55 | −4·65 | −5·15 | −5·1[illegible] | −3·52 | −1·31 | +0·87 | +2·81 | +3·03 | +4·[illegible] | +5·52 | +5·03 | +5·31 | +4·77 | +3·44 | +2·10 | +0·93 | −0·10 | −0·98 | −1·71 | −2·43 | 15·74 |
| April ... ... | −4·20 | −4·70 | −5·08 | −5·08 | −5·61 | −5·55 | −4·8[illegible] | −2·84 | −0·80 | +1·13 | +2·98 | +4·10 | +4·03 | +5·30 | +5·69 | +5·46 | +4·74 | +3·38 | +1·87 | +0·45 | −0·80 | −1·56 | −2·29 | −3·13 | 21·39 |
| May ... ... | −3·51 | −3·04 | −4·28 | −4·[illegible]4 | −5·20 | −5·10 | −3·88 | −2·23 | −0·52 | +1·33 | +2·70 | +3·96 | +4·40 | +4·87 | +5·37 | +5·33 | +4·92 | +3·96 | +2·49 | +0·03 | −0·[illegible]6 | −1·38 | −2·19 | −2·97 | 23·12 |
| June ... ... | −4·13 | −4·92 | −5·54 | −6·11 | −6·60 | −6·31 | −5·04 | −3·22 | −1·22 | +0·76 | +2·69 | +4·27 | +5·26 | +6·01 | +6·70 | +6·62 | +6·19 | +5·26 | +3·59 | +1·86 | +0·28 | −1·02 | −2·18 | −3·13 | 25·30 |
| July ... ... | −4·08 | −4·88 | −5·23 | −5·85 | −6·11 | −6·18 | −4·98 | −3·37 | −1·20 | +1·01 | +2·73 | +4·21 | +5·1[illegible] | +5·92 | +6·40 | +6·48 | +6·04 | +5·13 | +3·45 | +1·81 | +0·26 | −1·11 | −2·30 | −3·27 | 27·01 |
| August ... | −3·93 | −4·64 | −5·13 | −5·61 | −5·90 | −5·[illegible]5 | −4·72 | −3·34 | −1·69 | +0·49 | +2·31 | +3·67 | +4·88 | +5·69 | +6·15 | +6·17 | +5·87 | +4·96 | +3·57 | +2·18 | +0·56 | −0·74 | −1·90 | −2·96 | 26·94 |
| September .. | −3·54 | −4·05 | −4·[illegible]3 | −5·24 | −5·64 | −5·75 | −4·88 | −3·42 | −1·34 | +0·83 | +2·74 | +4·45 | +5·51 | +5·90 | +6·16 | +5·95 | +5·19 | +3·90 | +2·58 | +1·44 | +0·04 | −1·06 | −1·98 | −2·91 | 26·05 |
| October ... | −2·98 | −3·59 | −4·19 | −4·36 | −4·71 | −4·91 | −4·24 | −2·59 | −0·94 | +0·96 | +2·99 | +4·45 | +5·18 | +5·52 | +5·46 | +5·10 | +4·02 | +2·64 | +1·52 | +0·57 | −0·30 | −1·15 | −1·97 | −2·51 | 23·38 |
| November .. | −2·24 | −2·68 | −3·24 | −3·34 | −3·74 | −4·13 | −3·85 | −2·33 | −0·57 | +0·95 | +2·35 | +3·22 | +4·04 | +4·40 | +4·35 | +4·05 | +3·15 | +2·06 | +1·25 | +0·4[illegible] | −0·34 | −0·78 | −1·24 | −1·76 | 17·71 |
| December ... | −1·63 | −2·23 | −2·70 | −2·86 | −2·91 | −3·26 | −3·43 | −2·84 | −1·49 | −0·12 | +1·56 | +2·75 | +3·67 | +4·05 | +4·14 | +3·80 | +2·67 | +1·81 | +1·03 | +0·54 | −0·01 | −0·35 | −0·94 | −1·30 | 13·54 |
| **Mean** | −3·12 | −3·69 | −4·18 | −4·51 | −4·81 | −4·95 | −4·37 | −2·99 | −1·15 | +0·73 | +2·44 | +3·78 | +4·65 | +5·13 | +5·40 | +5·19 | +4·51 | +3·41 | +2·17 | +1·04 | −0·06 | −0·95 | −1·77 | −2·49 | 20·59 |

HELWAN

# MAXIMUM AND MINIMUM TEMPERATURE (°C.).

## 1913.

| DAYS OF MONTH | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| 1 | 17·7 | 7·7 | 18·9 | 9·1 | 24·0 | 8·2 | 23·0 | 13·0 | 28·2 | 13·4 | 29·4 | 14·4 |
| 2 | 16·0 | 8·6 | 16·4 | 8·4 | 28·6 | 11·8 | 27·1 | 9·7 | 28·4 | 14·3 | 30·4 | 15·8 |
| 3 | 16·1 | 5·8 | 17·7 | 7·2 | 22·8 | 10·4 | 28·9 | 15·0 | 32·5 | 17·4 | 32·2 | 15·8 |
| 4 | 19·0 | 8·4 | 15·6 | 3·7 | 14·0 | 4·3 | 22·6 | 11·0 | 31·9 | 19·0 | 32·7 | 17·3 |
| 5 | 18·0 | 9·8 | 15·4 | 8·5 | 16·4 | 4·7 | 22·4 | 10·9 | 30·5 | 14·9 | 31·7 | 17·7 |
| 6 | 17·7 | 10·4 | 19·1 | 6·9 | 16·0 | 7·8 | 24·4 | 9·6 | 36·2 | 20·7 | 32·6 | 17·7 |
| 7 | 15·9 | 11·6 | 20·2 | 6·2 | 17·3 | 8·0 | 33·7 | 14·2 | 30·7 | 22·4 | 33·8 | 16·7 |
| 8 | 16·8 | 6·6 | 21·5 | 6·3 | 20·2 | 7·1 | 30·3 | 21·1 | 30·7 | 15·0 | 33·4 | 16·3 |
| 9 | 17·0 | 5·5 | 17·8 | 8·3 | 19·4 | 7·5 | 24·0 | 13·3 | 24·8 | 12·9 | 33·5 | 17·3 |
| 10 | 17·5 | 7·2 | 18·3 | 8·6 | 19·9 | 7·8 | 29·2 | 11·0 | 30·2 | 14·4 | 35·9 | 17·6 |
| 11 | 18·4 | 10·9 | 17·6 | 7·4 | 20·7 | 9·0 | 33·2 | 14·1 | 36·2 | 18·8 | 31·6 | 19·0 |
| 12 | 18·8 | 8·3 | 19·8 | 9·0 | 19·3 | 8·9 | 29·9 | 15·5 | 31·9 | 19·0 | 30·2 | 18·0 |
| 13 | 19·1 | 7·6 | 20·1 | 10·1 | 19·7 | 7·2 | 28·6 | 13·6 | 29·2 | 15·3 | 30·3 | 17·0 |
| 14 | 19·8 | 9·0 | 15·0 | 8·9 | 17·5 | 8·4 | 33·4 | 13·4 | 26·9 | 14·6 | 31·0 | 18·6 |
| 15 | 18·2 | 10·2 | 16·5 | 4·1 | 18·8 | 6·7 | 36·7 | 15·3 | 25·9 | 14·6 | 33·8 | 18·0 |
| 16 | 16·2 | 5·5 | 18·5 | 5·8 | 19·7 | 7·4 | 29·3 | 15·5 | 24·2 | 14·6 | 33·4 | 20·2 |
| 17 | 18·2 | 8·3 | 18·1 | 5·4 | 21·3 | 8·6 | 29·1 | 15·3 | 25·6 | 12·8 | 30·7 | 16·8 |
| 18 | 18·3 | 8·1 | 18·1 | 5·6 | 21·2 | 6·3 | 25·3 | 15·7 | 29·2 | 15·5 | 30·0 | 16·8 |
| 19 | 19·2 | 8·0 | 16·9 | 7·1 | 20·2 | 7·3 | 30·4 | 16·6 | 32·7 | 16·4 | 32·2 | 17·4 |
| 20 | 19·2 | 8·0 | 23·2 | 7·9 | 21·5 | 8·4 | 28·3 | 19·7 | 35·9 | 21·0 | 33·9 | 18·5 |
| 21 | 19·2 | 9·9 | 23·8 | 8·4 | 21·9 | 10·6 | 27·2 | 17·1 | 34·0 | 19·3 | 35·5 | 19·0 |
| 22 | 18·4 | 7·0 | 28·7 | 14·9 | 23·3 | 11·1 | 24·3 | 12·4 | 37·6 | 20·0 | 35·5 | 17·9 |
| 23 | 18·4 | 7·7 | 29·0 | 15·3 | 26·9 | 10·0 | 24·1 | 12·5 | 33·2 | 22·2 | 3[illegible]·2 | 17·3 |
| 24 | 17·8 | 8·1 | 21·6 | 11·3 | 29·7 | 12·2 | 25·2 | 13·2 | 31·3 | 17·6 | 35·3 | 18·5 |
| 25 | 18·2 | 7·0 | 21·6 | 9·6 | 31·8 | 8·8 | 29·2 | 11·9 | 30·0 | 17·6 | 32·5 | 19·5 |
| 26 | 18·0 | 6·4 | 19·3 | 10·6 | 30·2 | 10·5 | 29·3 | 11·8 | 26·5 | 16·0 | 33·4 | 18·5 |
| 27 | 20·2 | 7·7 | 18·6 | 7·7 | 29·8 | 12·0 | 31·0 | 13·5 | 27·1 | 16·0 | 35·2 | 17·8 |
| 28 | 19·4 | 7·8 | 19·1 | 8·8 | 29·9 | 12·4 | 34·6 | 16·9 | 26·0 | 15·5 | 38·2 | 19·9 |
| 29 | 19·4 | 8·3 | — | — | 30·3 | 15·6 | 35·9 | 15·4 | 27·9 | 15·0 | 35·2 | 20·6 |
| 30 | 20·0 | 9·3 | — | — | 25·1 | 14·9 | 33·3 | 16·7 | 28·7 | 15·1 | 31·5 | 18·3 |
| 31 | 20·0 | 8·6 | — | — | 24·1 | 14·4 | — | — | 28·4 | 15·6 | — | — |
| Mean ... ... | 18·26 | 8·17 | 19·52 | 8·25 | 22·63 | 9·30 | 28·86 | 14·16 | 30·15 | 16·67 | 33·01 | 17·77 |
| Extreme for month | 20·2 | 5·5 | 29·0 | 3·7 | 31·8 | 4·3 | 38·7 | 9·6 | 37·6 | 12·8 | 38·2 | 14·4 |

| DAYS OF MONTH | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| 1 | 32·4 | 18·9 | 33·2 | 19·0 | 29·7 | 18·9 | 27·6 | 17·3 | 24·2 | 15·8 | 20·7 | 13·7 |
| 2 | 32·2 | 18·3 | 39·3 | 21·5 | 30·9 | 19·4 | 28·6 | 15·6 | 26·0 | 15·1 | 22·7 | 15·0 |
| 3 | 32·3 | 18·7 | 33·3 | 21,0 | 32·6 | 19·4 | 28·6 | 17·2 | 24·1 | 14·0 | 19·1 | 9·4 |
| 4 | 32·3 | 18·2 | 31·1 | 18·8 | 33·4 | 20·3 | 30·7 | 19·6 | 23·6 | 14·1 | 19·3 | 10·4 |
| 5 | 34·9 | 18·9 | 31·1 | 19·0 | 33·7 | 20·6 | 30·9 | 19·3 | 23·0 | 12·5 | 19·8 | 9·3 |
| 6 | 37·7 | 18·8 | 30·7 | 19·4 | 32·4 | 20·5 | 31·5 | 16·9 | 23·4 | 12·9 | 20·2 | 10·3 |
| 7 | 38·9 | 20·0 | 31·1 | 19·5 | 32·5 | 20·0 | 32·6 | 19·5 | 23·9 | 13·0 | 19·8 | 9·7 |
| 8 | 34·4 | 20·5 | 33·7 | 20·4 | 33·0 | 19·8 | 32·5 | 18·4 | 20·5 | 14·4 | 17·5 | 9·5 |
| 9 | 38·3 | 20·3 | 36·2 | 19·1 | 32·5 | 19·0 | 38·0 | 20·9 | 25·5 | 15·3 | 16·1 | 11·0 |
| 10 | 39·5 | 21.4 | 34·5 | 21·7 | 31·3 | 19·5 | 34·1 | 21·0 | 23·7 | 15·0 | 16·5 | 9·0 |
| 11 | 37·0 | 20·5 | 35·0 | 20·3 | 31·6 | 19·7 | 32·9 | 21·2 | 22·6 | 13·9 | 14·8 | 7·6 |
| 12 | 40·0 | 20·1 | 36·5 | 20·7 | 34·6 | 21·4 | 32·7 | 20·3 | 23·0 | 11·5 | 18·1 | 10·3 |
| 13 | 42·9 | 23·8 | 35·7 | 20·9 | 33·9 | 20·4 | 31·0 | 18·1 | 23·2 | 11·8 | 16·5 | 7·9 |
| 14 | 37·1 | 21·4 | 36·9 | 21·2 | 35·6 | 18·3 | 31·2 | 20·4 | 23·7 | 12·7 | 17·4 | 9·2 |
| 15 | 31·9 | 20·2 | 35·5 | 21·7 | 37·8 | 20·1 | 29·0 | 17·8 | 26·7 | 11·5 | 17·2 | 7·4 |
| 16 | 33·7 | 20·0 | 37·2 | 20·5 | 36·6 | 20·6 | 30·0 | 17·7 | 23·2 | 12·2 | 17·5 | 9·0 |
| 17 | 34·7 | 20·5 | 35·2 | 21·5 | 33·5 | 20·6 | 33·4 | 18·9 | 23·9 | 12·8 | 15·0 | 5·9 |
| 18 | 36·1 | 19·4 | 33·5 | 21·1 | 36·1 | 21·1 | 31·5 | 19·4 | 24·7 | 13·4 | 15·8 | 8·2 |
| 19 | 36·7 | 20·4 | 33·6 | 20·7 | 34·2 | 17·9 | 26·7 | 16·2 | 24·8 | 14·0 | 17·6 | 6·7 |
| 20 | 32·0 | 20·1 | 34·5 | 21·5 | 34·2 | 19·7 | 26·9 | 17·1 | 22·0 | 11·6 | 16·9 | 7·8 |
| 21 | 32·0 | 19·6 | 34·9 | 21·8 | 33·6 | 20·5 | 29·8 | 16·6 | 22·2 | 11·1 | 16·3 | 6·8 |
| 22 | 33·0 | 19·8 | 35·5 | 19·3 | 32·5 | 19·4 | 29·1 | 18·5 | 21·6 | 11·7 | 16·1 | 7·2 |
| 23 | 33·5 | 20·4 | 36·2 | 22·2 | 30·3 | 18·5 | 28·5 | 17·4 | 17·6 | 12·3 | 15·5 | 8·2 |
| 24 | 33·3 | 18·4 | 35·0 | 21·1 | 34·7 | 18·9 | 26·6 | 16·4 | 21·9 | 11·6 | 18·4 | 5·6 |
| 25 | 33·2 | 18·6 | 31·5 | 20·6 | 29·0 | 18·6 | 26·0 | 15·4 | 22·9 | 10·9 | 20·0 | 4·9 |
| 26 | 34·7 | 18·2 | 31·7 | 20·4 | 28·9 | 18·4 | 26·5 | 15·3 | 20·2 | 11·4 | 19·5 | 7·5 |
| 27 | 32·3 | 19·8 | 30·5 | 19·9 | 30·4 | 18·4 | 26·5 | 14·6 | 20·4 | 9·7 | 20·2 | 8·0 |
| 28 | 32·2 | 20·8 | 31·2 | 20·0 | 30·5 | 16·7 | 27·1 | 14·2 | 19·3 | 10·9 | 17·0 | 10·5 |
| 29 | 32·1 | 18·5 | 32·0 | 19·6 | 34·3 | 19·2 | 26·7 | 14·6 | 20·6 | 10·7 | 18·8 | 8·5 |
| 30 | 32·0 | 19·0 | 32·9 | 21·0 | 28·2 | 19·4 | 26·7 | 15·0 | 20·7 | 11·3 | 23·9 | 10·7 |
| 31 | 30·5 | 19·3 | 30·5 | 20·0 | — | — | 25·5 | 14·9 | — | — | 26·3 | 10·6 |
| Mean ... ... | 34·64 | 19·77 | 33·86 | 20·50 | 32·76 | 19·57 | 29·72 | 17·60 | 22·97 | 12·64 | 18·50 | 8·90 |
| Extreme for month | 42·9 | 18·2 | 39·3 | 18·8 | 37·8 | 17·9 | 38·0 | 14·2 | 26·7 | 9·7 | 26·3 | 4·9 |

# RELATIVE HUMIDITY.

## Mean of Day.

## 1913.

| DAYS OF MONTH | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 73 | 60 | 35 | 66 | 53 | 44 | 47 | 48 | 59 | 57 | 57 | 53 |
| 2 | 61 | 56 | 24 | 46 | 44 | 50 | 44 | 28 | 60 | 58 | 51 | 52 |
| 3 | 52 | 49 | 46 | 43 | 32 | 46 | 49 | 55 | 55 | 61 | 61 | 62 |
| 4 | 47 | 63 | 53 | 55 | 23 | 40 | 47 | 59 | 54 | 50 | 65 | 70 |
| 5 | 56 | 76 | 63 | 57 | 21 | 43 | 43 | 56 | 50 | 48 | 64 | 60 |
| 6 | 58 | 55 | 74 | 47 | 6* | 42 | 42 | 58 | 58 | 66 | 57 | 49 |
| 7 | 60 | 20 | 59 | 19 | 20* | 36 | 32 | 62 | 56 | 65 | 60 | 48 |
| 8 | 62 | 44 | 46 | 34 | 26 | 44 | 50 | 56 | 49 | 60 | 56 | 56 |
| 9 | 58 | 50 | 47 | 61 | 46 | 44 | 34 | 47 | 58 | 51 | 64 | 41 |
| 10 | 54 | 63 | 54 | 41 | 40 | 42 | 30 | 61 | 60 | 65 | 68 | 43 |
| 11 | 47 | 61 | 53 | 25 | 18 | 52 | 34 | 53 | 60 | 60 | 55 | 54 |
| 12 | 52 | 54 | 60 | 40 | 43 | 46 | 31 | 50 | 56 | 52 | 60 | 56 |
| 13 | 60 | 65* | 57 | 54 | 55 | 50 | 14 | 41 | 52 | 57 | 50 | 59 |
| 14 | 59 | 60 | 54 | 19* | 47 | 45 | 37 | 53 | 53 | 43 | 43 | 60 |
| 15 | 53 | 44 | 39 | 16* | 51 | 37 | 47 | 51 | 52 | 65 | 43 | 63 |
| 16 | 61 | 38 | 44 | 51* | 73 | 44 | 49 | 43 | 51 | 57 | 48 | 56 |
| 17 | 60 | 41 | 42 | 53 | 62 | 40 | 48 | 57 | 62 | 35 | 65 | 60 |
| 18 | 64 | 54 | 55 | 49 | 53 | 44 | 42 | 57 | 49 | 41 | 60 | 61 |
| 19 | 58 | 60 | 52 | 27 | 35 | 47 | 44 | 56 | 44 | 63 | 49 | 52 |
| 20 | 52 | 36 | 48 | 38 | 26 | 40 | 48 | 51 | 44 | 53 | 50 | 53 |
| 21 | 62 | 48 | 56 | 53 | 36 | 36 | 52 | 49 | 54 | 44 | 62 | 73 |
| 22 | 61 | 17* | 50 | 48 | 20 | 33 | 52 | 45 | 65 | 27 | 74 | 73 |
| 23 | 65 | 14 | 47 | 48 | 27 | 36 | 56 | 43 | 57 | 47 | 91 | 61 |
| 24 | 56 | 33 | 34 | 55 | 45 | 48 | 45 | 57 | 52 | 64 | 69 | 45 |
| 25 | 65 | 58 | 30 | 42 | 46 | 47 | 39 | 56 | 49 | 53 | 62 | 41 |
| 26 | 60 | 50 | 42 | 32 | 46 | 45 | 31 | 58 | 50 | 52 | 58 | 35 |
| 27 | 49 | 58 | 55 | 35 | 51 | 44 | 60 | 60 | 49 | 47 | 62 | 36 |
| 28 | 56 | 54 | 57 | 19 | 49 | 26 | 55 | 61 | 39 | 36 | 62 | 53 |
| 29 | 58 | — | 38 | 14 | 47 | 48 | 50 | 57 | 44 | 54 | 52 | 44 |
| 30 | 46 | — | 53 | 40 | 45 | 40 | 40 | 52 | 56 | 64 | 51 | 38 |
| 31 | 49 | — | 66 | — | 41 | — | 51 | 54 | — | 63 | — | 33 |
| Mean | 57 | 51 | 50 | 41 | 40 | 43 | 44 | 53 | 53 | 53 | 59 | 53 |

# RELATIVE HUMIDITY.

## DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

## 1913.

| Month | Hours of Observations. | | | | | | | | | | | | | | | | | | | | | | | | Mean of Month |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mdnt. | |
| January ... | + 5 | + 7 | + 8 | + 8 | + 8 | + 6 | + 7 | + 9 | + 9 | + 5 | 0 | − 4 | − 9 | −13 | −14 | −13 | −10 | − 6 | − 5 | − 3 | − 1 | + 1 | + 4 | + 4 | 57 |
| February ... | + 9 | + 9 | + 9 | +10 | + 9 | +10 | +10 | +17 | + 9 | + 1 | − 1 | − 6 | −11 | −14 | −15 | −14 | −14 | −10 | − 8 | − 3 | − 1 | + 3 | + 2 | + 7 | 51 |
| March ... | +13 | +14 | +17 | +19 | +18 | +20 | +21 | +19 | +12 | 0 | −11 | −15 | −20 | −21 | −22 | −21 | −20 | −16 | −12 | − 8 | − 3 | + 3 | + 7 | +11 | 50 |
| April ... ... | +15 | +17 | +18 | +16 | +19 | +19 | +20 | +13 | + 6 | 0 | − 8 | −13 | −13 | −16 | −16 | −16 | −15 | −13 | − 9 | − 5 | 0 | + 3 | + 7 | +10 | 41 |
| May ... ... | +12 | +14 | +15 | +18 | +19 | +21 | +21 | +14 | + 6 | − 1 | − 6 | −11 | −12 | −14 | −17 | −18 | −18 | −15 | −10 | − 4 | − 1 | + 4 | + 7 | +10 | 40 |
| June ... ... | +12 | +19 | +23 | +25 | +28 | +28 | +23 | +18 | + 9 | 0 | − 9 | −15 | −18 | −21 | −22 | −22 | −22 | −21 | −19 | −15 | −10 | − 3 | + 3 | + 9 | 43 |
| July ... ... | +12 | +17 | +19 | +21 | +21 | +24 | +23 | +20 | + 8 | − 4 | −12 | −16 | −18 | −18 | −21 | −21 | −20 | −16 | −16 | −11 | − 6 | − 2 | + 5 | + 8 | 44 |
| August ... | +20 | +24 | +24 | +26 | +27 | +25 | +21 | +18 | + 9 | − 2 | −12 | −18 | −23 | −26 | −27 | −27 | −27 | −24 | −19 | −14 | − 6 | 0 | + 7 | +13 | 53 |
| September . | +16 | +19 | +25 | +25 | +27 | +26 | +24 | +21 | + 9 | − 2 | −13 | −20 | −24 | −26 | −27 | −27 | −25 | −21 | −15 | −10 | − 3 | + 3 | + 8 | +13 | 53 |
| October ... | +15 | +16 | +17 | +15 | +17 | +19 | +15 | +13 | +11 | + 1 | − 9 | −15 | −19 | −22 | −21 | −21 | −18 | −14 | − 9 | − 6 | 0 | + 5 | + 9 | +13 | 53 |
| November . | + 9 | +10 | +12 | +13 | +14 | +14 | +11 | +12 | + 4 | + 2 | − 4 | − 8 | −12 | −16 | −17 | −16 | −14 | −11 | − 9 | − 5 | 0 | + 1 | + 4 | + 5 | 59 |
| December... | + 2 | + 4 | + 4 | + 1 | + 1 | + 3 | + 1 | + 9 | + 6 | + 5 | + 1 | 0 | − 6 | −10 | −10 | − 9 | − 6 | − 1 | + 1 | 0 | + 2 | 0 | 0 | + 1 | 53 |
| Mean | +12 | +14 | +16 | +16 | +17 | +18 | +17 | +15 | + 8 | 0 | − 7 | −12 | −15 | −18 | −19 | −19 | −17 | −14 | −11 | − 7 | − 2 | + 2 | + 5 | + 9 | 50 |

# VAPOUR PRESSURE.

## Mean of Day.

## 1913.

| DAYS OF MONTH | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8·24 | 8·00 | 4·19 | 9·05 | 8·78 | 8·06 | 10·38 | 11·23 | 13·01 | 11·06 | 9·72 | 7·31 |
| 2 | 6·39 | 5·92 | 4·04 | 6·87 | 7·52 | 9·16 | 9·55 | 8·20 | 13·59 | 11·45 | 8·80 | 8·53 |
| 3 | 4·99 | 5·18 | 5·33 | 7·29 | 6·90 | 9·51 | 10·92 | 12·70 | 13·19 | 12·37 | 9·81 | 7·46 |
| 4 | 5·32 | 5·94 | 4·48 | 7·32 | 5·30 | 8·51 | 10·18 | 12·63 | 12·89 | 10·71 | 10·28 | 8·58 |
| 5 | 6·55 | 7·63 | 5·85 | 7·45 | 4·45 | 8·60 | 9·72 | 12·30 | 12·36 | 10·65 | 9·57 | 7·32 |
| 6 | 7·15 | 5·99 | 7·27 | 6·20 | 2·09* | 8·86 | 10·23 | 12·75 | 13·89 | 14·51 | 8·74 | 6·21 |
| 7 | 6·72 | 3·07 | 6·25 | 3·58 | 6·06* | 7·74 | 8·50 | 13·79 | 12·98 | 14·41 | 9·59 | 5·68 |
| 8 | 6·19 | 4·93 | 4·98 | 6·85 | 4·83 | 9·15 | 12·50 | 13·10 | 11·57 | 13·32 | 9·72 | 6·79 |
| 9 | 5·60 | 6·62 | 5·42 | 8·82 | 7·36 | 9·32 | 8·81 | 11·75 | 13·37 | 12·62 | 11·19 | 5·05 |
| 10 | 5·87 | 7·15 | 6·23 | 6·20 | 7·24 | 9·97 | 9·24 | 14·97 | 13·81 | 16·25 | 10·96 | 4·78 |
| 11 | 5·30 | 6·67 | 6·16 | 4·98 | 4·90 | 11·00 | 9·01 | 13·22 | 14·10 | 14·45 | 8·31 | 5·90 |
| 12 | 5·77 | 6·29 | 6·95 | 7·05 | 8·94 | 9·63 | 8·31 | 12·92 | 13·85 | 11·55 | 8·65 | 6·32 |
| 13 | 6·82 | 6·06* | 6·20 | 8·86 | 10·22 | 10·70 | 4·40 | 9·73 | 12·40 | 11·75 | 7·29 | 5·94 |
| 14 | 7·12 | 5·97 | 5·66 | 4·03* | 8·46 | 10·16 | 10·61 | 13·04 | 12·57 | 9·69 | 6·36 | 6·25 |
| 15 | 6·15 | 4·10 | 4·04 | 4·03* | 8·14 | 8·92 | 10·90 | 13·47 | 12·85 | 13·49 | 6·43 | 6·48 |
| 16 | 6·24 | 4·05 | 4·80 | 11·06* | 10·05 | 10·58 | 11·58 | 11·15 | 12·84 | 12·00 | 7·08 | 6·14 |
| 17 | 6·64 | 4·01 | 4·62 | 9·62 | 9·79 | 9·96 | 11·60 | 14·46 | 14·64 | 7·68 | 10·29 | 5·50 |
| 18 | 7·05 | 5·47 | 6·18 | 8·43 | 9·75 | 8·72 | 11·10 | 13·90 | 12·03 | 9·55 | 9·54 | 6·20 |
| 19 | 6·72 | 6·23 | 5·82 | 5·75 | 7·56 | 9·60 | 11·59 | 13·42 | 10·27 | 11·84 | 7·55 | 5·56 |
| 20 | 6·08 | 4·30 | 5·79 | 8·49 | 6·75 | 8·74 | 11·58 | 12·79 | 10·82 | 10·24 | 6·76 | 5·58 |
| 21 | 7·37 | 6·18 | 7·13 | 9·38 | 8·56 | 8·04 | 12·17 | 12·70 | 12·82 | 8·72 | 8·84 | 7·38 |
| 22 | 6·77 | 3·09* | 6·49 | 7·35 | 5·38 | 7·20 | 12·15 | 11·03 | 14·34 | 5·90 | 10·05 | 7·21 |
| 23 | 7·21 | 2·81 | 6·20 | 8·48 | 7·28 | 8·54 | 12·96 | 11·58 | 12·23 | 9·33 | 11·53 | 6·32 |
| 24 | 5·84 | 4·60 | 4·09* | 8·46 | 9·21 | 10·89 | 10·70 | 14·60 | 11·95 | 11·38 | 9·21 | 4·98 |
| 25 | 6·81 | 7·21 | 5·65 | 6·52 | 9·30 | 10·29 | 9·09 | 13·27 | 10·42 | 9·26 | 8·10 | 4·57 |
| 26 | 6·35 | 7·23 | 6·53 | 5·31 | 8·49 | 9·73 | 7·76 | 13·60 | 10·75 | 9·25 | 7·62 | 4·04 |
| 27 | 5·68 | 6·58 | 8·41 | 6·08 | 9·05 | 10·34 | 13·42 | 13·97 | 10·61 | 8·14 | 8·18 | 4·55 |
| 28 | 6·14 | 6·21 | 9·53 | 4·02 | 8·19 | 7·12 | 12·65 | 14·42 | 8·86 | 6·52 | 7·93 | 5·85 |
| 29 | 6·62 | — | 7·70 | 3·69 | 8·00 | 11·92 | 11·09 | 13·63 | 10·12 | 9·55 | 6·68 | 5·27 |
| 30 | 5·51 | — | 8·35 | 8·29 | 7·07 | 11·25 | 11·24 | 13·23 | 11·66 | 11·30 | 6·91 | 5·65 |
| 31 | 6·13 | — | 9·68 | — | 7·19 | — | 11·65 | 12·36 | — | 10·86 | — | 4·64 |
| Mean | 6·37 | 5·67 | 6·16 | 7·02 | 7·58 | 9·41 | 10·50 | 12·77 | 12·36 | 10·96 | 8·72 | 6·07 |

# VAPOUR PRESSURE

## DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

## 1913.

| Month | Hours of Observations. | | | | | | | | | | | | | | | | | | | | | | | | Mean of Month |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mdnt. | |
| January ... | −0·22 | −0·26 | −0·32 | −0·38 | −0·50 | −0·64 | −0·63 | −0·21 | +0·41 | +0·57 | +0·67 | +0·96 | +0·64 | 0·00 | −0·03 | −0·11 | +0·10 | +0·16 | −0·02 | −0·04 | −0·11 | +0·02 | 0·00 | −0·17 | 6·37 |
| February ... | +0·30 | +0·15 | +0·06 | +0·05 | −0·14 | −0·26 | −0·34 | +0·54 | +0·54 | +0·46 | +0·68 | +0·52 | +0·18 | −0·30 | −0·35 | −0·27 | −0·35 | −0·33 | −0·37 | −0·03 | −0·03 | +0·13 | −0·08 | +0·08 | 5·67 |
| March ... | +0·52 | +0·52 | +0·59 | +0·63 | +0·39 | +0·53 | +0·67 | +1·25 | +1·36 | +0·82 | +0·01 | −0·36 | −0·77 | −0·88 | −1·24 | −1·28 | −1·15 | −0·84 | −0·57 | −0·36 | −0·13 | +0·19 | +0·43 | +0·60 | 6·16 |
| April ... ... | +0·76 | +0·79 | +0·74 | +0·38 | +0·65 | +0·39 | +0·92 | +0·88 | +0·69 | +0·44 | −0·29 | −0·69 | −0·62 | −0·95 | −0·92 | −0·93 | −0·75 | −0·78 | −0·44 | −0·31 | +0·03 | +0·03 | +0·25 | +0·48 | 7·02 |
| May ... ... | +0·66 | +0·79 | +0·72 | +0·89 | +0·86 | +1·14 | +2·09 | +1·86 | +1·20 | +0·87 | +0·33 | −0·19 | −0·55 | −0·71 | −1·33 | −1·62 | −1·70 | −1·43 | −0·68 | −0·21 | −0·01 | +0·37 | −0·56 | −0·82 | 7·58 |
| June .. ... | +0·87 | +1·47 | +1·90 | +1·89 | +1·92 | +2·26 | +3·03 | +2·61 | +1·96 | +1·12 | −0·16 | −1·14 | −1·52 | −1·90 | −2·26 | −2·02 | −2·26 | −2·32 | −2·58 | −2·00 | −1·42 | −0·46 | +0·11 | +0·82 | 9·41 |
| July ... ... | +0·95 | +1·44 | +1·43 | +1·41 | +1·30 | +1·87 | +2·64 | +3·23 | +1·98 | +0·06 | −1·13 | −1·72 | −1·76 | −1·11 | −2·02 | −1·87 | −1·88 | −1·94 | −1·75 | −1·14 | −0·63 | −0·28 | +0·50 | +0·51 | 10·50 |
| August ... | +2·31 | +2·63 | +2·22 | +2·03 | +1·93 | +1·58 | +1·89 | +2·41 | +1·80 | +0·91 | −0·64 | −1·46 | −2·31 | −3·08 | −3·18 | −3·02 | −3·22 | −2·63 | −1·98 | −1·31 | −0·16 | +0·44 | +1·14 | +1·74 | 12·77 |
| September.. | +1·65 | +1·69 | +2·19 | +1·95 | +1·88 | +1·59 | +1·99 | +2·65 | +1·99 | +0·81 | −0·58 | −1·78 | −2·48 | −2·86 | −3·10 | −3·18 | −2·89 | −2·34 | −1·38 | −0·88 | −0·08 | +0·62 | +1·01 | +1·54 | 12·36 |
| October ... | +1·18 | +0·97 | +0·74 | +0·22 | +0·29 | +0·55 | +0·35 | +1·15 | +1·89 | +1·20 | +0·09 | −0·78 | −1·39 | −1·94 | −1·71 | −1·72 | −1·58 | −1·12 | −0·74 | −0·49 | +0·09 | +0·67 | +0·98 | +1·16 | 10·96 |
| November.. | +0·27 | +0·19 | +0·12 | +0·11 | +0·05 | −0·16 | −0·38 | +0·53 | +0·55 | +1·02 | +0·69 | +0·49 | +0·16 | −0·31 | −0·62 | −0·57 | −0·55 | −0·56 | −0·60 | −0·35 | −0·05 | −0·01 | +0·07 | −0·01 | 8·72 |
| December... | −0·49 | −0·44 | −0·53 | −0·86 | −0·98 | −0·75 | −1·01 | −0·19 | +0·15 | +0·50 | +0·78 | +1·15 | +0·70 | +0·21 | +0·25 | +0·26 | +0·28 | +0·66 | +0·51 | +0·32 | +0·22 | −0·13 | −0·34 | −0·37 | 6·07 |
| Mean | +0·73 | +0·83 | +0·82 | +0·69 | +0·64 | +0·68 | +0·94 | +1·39 | +1·21 | +0·73 | +0·04 | −0·42 | −0·81 | −1·15 | −1·38 | −1·36 | −1·33 | −1·12 | −0·88 | −0·57 | −0·19 | +0·13 | +0·29 | +0·46 | 8·63 |

## WIND.—Resultant Direction and Velocity for every day.

In degrees and kilometres per hour.

### 1913.

| Days of Month | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. | Vel. |
| 1 | — 60 | 6·9 | — 2 | 12·2 | 78 | 23·6 | — 42 | 8·2 | — 34 | 9·3 | — 11 | 15·1 | 6 | 25·4 | 4 | 14·5 | — 16 | 18·6 | — 9 | 16·4 | — 24 | 12·4 | 61 | 24·5 |
| 2 | — 31 | 11·3 | 8 | 14·5 | 147 | 11·3 | 48 | 4·7 | — 12 | 8·8 | — 32 | 16·0 | 2 | 25·8 | — 8 | 10·4 | — 13 | 13·8 | — 5 | 16·1 | — 8 | 6·5 | 151 | 3·3 |
| 3 | 34 | 9·8 | 48 | 19·7 | — 96 | 24·3 | — 2 | 17·2 | 26 | 14·4 | — 7 | 13·0 | 3 | 22·1 | — 21 | 16·9 | — 1 | 16·6 | 14 | 15·1 | — 12 | 6.5 | —106 | 11·8 |
| 4 | 46 | 19·6 | 28 | 11·4 | — 82 | 25·2 | — 32 | 15·3 | 38 | 26·6 | — 1 | 17·5 | 3 | 22·5 | — 26 | 14·3 | — 5 | 16·2 | 28 | 28·2 | — 27 | 8·5 | — 53 | 7·5 |
| 5 | 48 | 31·4 | 60 | 4·6 | — 36 | 6·7 | — 24 | 11·8 | 30 | 17·4 | 27 | 30·2 | 2 | 23·1 | — 21 | 14·3 | 4 | 17·7 | 24 | 23·3 | — 26 | 9·0 | 16 | 10·4 |
| 6 | 46 | 26·5 | 45 | 29·8 | — 12 | 10·7 | — 12 | 6·6 | 99 | 19·2 | 15 | 31·5 | 4 | 22·0 | — 16 | 17·3 | — 8 | 15·2 | 12 | 17·5 | — 7 | 5·6 | 22 | 9·5 |
| 7 | — 11 | 21·0 | 44 | 25·2 | 14 | 19·4 | 133 | 9·3 | — 29 | 6·5 | 2 | 24·8 | 6 | 17·4 | — 24 | 15·0 | — 5 | 13·1 | — 2 | 12·7 | 16 | 8·9 | —120 | 7·3 |
| 8 | — 27 | 3·3 | 44 | 21·9 | 35 | 19·7 | — 26 | 8·6 | — 36 | 7·4 | — 23 | 17·7 | 9 | 18·3 | — 22 | 16·7 | 4 | 16·8 | — 2 | 13·7 | 46 | 18·4 | 176 | 19·2 |
| 9 | —176 | 3·8 | 46 | 23·8 | 13 | 21·8 | — 6 | 14·6 | — 2 | 10·4 | — 6 | 17·5 | 13 | 25·1 | — 17 | 12·2 | — 6 | 16·0 | — 5 | 14·0 | 15 | 14·5 | 178 | 20·9 |
| 10 | 130 | 4·7 | 11 | 12·2 | 5 | 17·2 | 38 | 11·0 | 13 | 7·3 | — 18 | 12·2 | 2 | 18·8 | — 32 | 17·6 | — 7 | 14·5 | — 15 | 12·9 | 1 | 17·1 | —158 | 12·9 |
| 11 | —153 | 7·8 | — 18 | 6·3 | — 1 | 11·9 | 178 | 5·6 | 154 | 8·8 | — 26 | 17·6 | 4 | 20·5 | — 35 | 12·0 | 8 | 17·4 | — 8 | 15·3 | 7 | 17·7 | —173 | 19·6 |
| 12 | —164 | 8·8 | —164 | 8·1 | — 25 | 14·8 | — 16 | 2·6 | —118 | 15·3 | — 18 | 18·4 | 12 | 22·2 | — 16 | 16·4 | 16 | 20·2 | 8 | 19·0 | 0 | 12·5 | —168 | 21·8 |
| 13 | 170 | 4·3 | 152 | 5·3 | — 38 | 10·7 | 5 | 8·6 | — 39 | 13·2 | — 15 | 12·2 | 29 | 22·0 | 22 | 13·0 | 6 | 15·1 | — 6 | 9·4 | 41 | 16·8 | —177 | 13·8 |
| 14 | 71 | 3·8 | —151 | 18·2 | — 17 | 16·0 | 46 | 17·8 | — 14 | 13·6 | — 27 | 13·7 | 3 | 23·5 | — 24 | 14·6 | — 6 | 17·4 | —170 | 5·8 | 49 | 22·3 | 159 | 11·0 |
| 15 | 45 | 19·2 | — 26 | 16·2 | 23 | 18·2 | 124 | 4·4 | — 34 | 14·9 | — 1 | 13·5 | 16 | 22·6 | — 19 | 14·6 | — 9 | 24·9 | 10 | 11·2 | 28 | 4·1 | 174 | 11·1 |
| 16 | — 22 | 7·9 | —164 | 13·6 | 44 | 28·0 | — 20 | 12·0 | — 24 | 5·0 | — 12 | 20·4 | 12 | 17·7 | 22 | 22·5 | — 1 | 21·5 | 49 | 15·5 | —143 | 1·3 | —122 | 19·2 |
| 17 | 6 | 4·0 | —117 | 23·8 | 44 | 37·3 | — 3 | 22·5 | — 6 | 18·2 | — 12 | 20·4 | 30 | 16·7 | 10 | 25·9 | — 12 | 14·7 | 87 | 12·1 | — 26 | 6·4 | — 88 | 10·6 |
| 18 | 28 | 3·9 | —137 | 6·5 | — 10 | 16·6 | 22 | 28·3 | — 18 | 13·1 | — 8 | 22·3 | 13 | 11·1 | 1 | 24·8 | 13 | 18·7 | — 13 | 10·6 | — 22 | 6·1 | — 84 | 4·0 |
| 19 | 44 | 3·7 | — 19 | 4·1 | — 19 | 13·3 | 45 | 33·5 | 12 | 4·5 | 4 | 25·8 | 20 | 16·2 | — 4 | 20·5 | 2 | 15·4 | — 10 | 12·3 | — 17 | 5·1 | 3 | 6·8 |
| 20 | 16 | 7·1 | —142 | 8·5 | 24 | 18·2 | 10 | 8·2 | — 77 | 2·8 | 33 | 31·1 | 10 | 18·1 | — 11 | 16·3 | — 16 | 14·6 | 10 | 9·3 | —141 | 6·3 | 10 | 12·4 |
| 21 | 45 | 25·4 | 98 | 5·7 | 20 | 21·0 | — 36 | 16·5 | 34 | 22·9 | 20 | 28·9 | 13 | 17·7 | — 20 | 12·6 | — 5 | 16·6 | —179 | 6·0 | 160 | 2·6 | — 22 | 6·3 |
| 22 | 12 | 15·0 | 102 | 15·8 | 39 | 16·5 | — 30 | 12·8 | 66 | 13·7 | 5 | 20·2 | 10 | 18·9 | — 20 | 10·8 | — 14 | 15·1 | —172 | 10·0 | 31 | 7·9 | 12 | 3·2 |
| 23 | — 26 | 6·6 | 170 | 26·4 | 44 | 29·2 | — 31 | 17·0 | — 36 | 16·3 | — 5 | 19·5 | 39 | 17·1 | — 24 | 13·7 | — 1 | 12·5 | —124 | 8·0 | —144 | 5·9 | — 6 | 6·1 |
| 24 | —113 | 10·1 | —156 | 17·7 | 29 | 19·4 | — 6 | 13·7 | 3 | 13·6 | — 19 | 18·0 | 24 | 14·1 | — 7 | 21·3 | 2 | 9·7 | — 59 | 6·0 | — 39 | 10·7 | 40 | 14·5 |
| 25 | — 54 | 2·3 | — 18 | 5·2 | 16 | 15·8 | 24 | 17·1 | 9 | 18·7 | — 20 | 18·2 | 17 | 14·5 | — 2 | 20·4 | — 2 | 9·8 | —138 | 3·4 | — 55 | 3·5 | 82 | 4·5 |
| 26 | 11 | 9·1 | — 6 | 10·4 | — 4 | 17·3 | 16 | 15·9 | — 22 | 13·2 | — 10 | 18·8 | 23 | 9·9 | 1 | 19·4 | 10 | 14·8 | — 72 | 4·3 | — 43 | 5·7 | 133 | 4·8 |
| 27 | 48 | 13·1 | — 5 | 9·2 | — 26 | 17·5 | 44 | 27·4 | — 16 | 16·9 | 12 | 21·4 | 42 | 17·4 | — 6 | 13·7 | 20 | 15·4 | —16[illegible] | 2·4 | 0 | 10·3 | 76 | 1·2 |
| 28 | — 50 | 5·1 | 15 | 14·0 | — 29 | 11·2 | 51 | 36·9 | — 28 | 17·6 | 21 | 19·8 | 46 | 18·1 | — 8 | 11·7 | 27 | 18·8 | 112 | 2·8 | — 35 | 8·1 | 26 | 15·3 |
| 29 | — 61 | 3·5 | — | — | —175 | 3·2 | 40 | 27·3 | 11 | 16·3 | — 12 | 18·3 | 36 | 14·2 | 1 | 12·0 | 11 | 15·4 | — 11 | 4·5 | —130 | 7·8 | 130 | 8·4 |
| 30 | —178 | 2·8 | — | — | — 42 | 19·2 | — 42 | 20·9 | 1 | 17·6 | — 1 | 21·1 | 2 | 13·5 | 14 | 15·1 | — 3 | 18·9 | — 10 | 9·3 | 111 | 0·7 | 146 | 8·1 |
| 31 | 40 | 4·0 | — | — | — 38 | 17·4 | — | — | 7 | 17·3 | — | — | 7 | 15·7 | 7 | 20·0 | — | — | — 20 | 12·6 | — | — | 46 | 8·7 |
| Mean | 24 | 6·0 | 45 | 3·0 | 7 | 12·9 | 12 | 11·9 | 0 | 10·2 | — 2 | 19·0 | 9 | 18·0 | 10 | 15·6 | 0 | 15·9 | 4 | 8·3 | — 2 | 6·5 | 169 | 2·0 |

## WIND.—Resultant Direction and Velocity for every hour.

In degrees and kilometres per hour.

### 1913.

| Hours of Day | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Year | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir. E of N | Vel. | Dir E of N | Vel. |
| 1 | 46 | 7·7 | 57 | 7·2 | 30 | 13·6 | 40 | 13·1 | 32 | 13·8 | 9 | 14·8 | 2 | 13·3 | 5 | 13·4 | 20 | 14·0 | 22 | 9·1 | 23 | 6·0 | 128 | 3·0 | 24 | 10·1 |
| 2 | 50 | 6·2 | 72 | 6·1 | 22 | 10·9 | 43 | 11·8 | 38 | 13·1 | 2 | 13·3 | 5 | 12·0 | 3 | 11·5 | 16 | 12·3 | 25 | 6·7 | 14 | 4·8 | 80 | 3·0 | 23 | 8·6 |
| 3 | 58 | 5·9 | 80 | 6·4 | 18 | 10·4 | 30 | 10·6 | 35 | 9·5 | 4 | 13·7 | 2 | 10·5 | 2 | 10·3 | 14 | 10·7 | 32 | 5·0 | 27 | 3·5 | 104 | 2·8 | 23 | 7·5 |
| 4 | 69 | 6·4 | 96 | 5·5 | 12 | 9·8 | 28 | 10·5 | 44 | 8·7 | 6 | 12·0 | 2 | 10·6 | 2 | 10·3 | 13 | 8·5 | 24 | 4·9 | 27 | 4·3 | 108 | 3·9 | 25 | 6·9 |
| 5 | 68 | 7·7 | 86 | 6·1 | 20 | 9·0 | 22 | 7·7 | 28 | 7·7 | 4 | 10·7 | 6 | 9·2 | 4 | 10·0 | 12 | 8·0 | 33 | 4·8 | 30 | 3·9 | 110 | 3·3 | 24 | 6·4 |
| 6 | 56 | 6·6 | 92 | 5·9 | 14 | 7·6 | 30 | 8·4 | 26 | 7·6 | 6 | 10·5 | 4 | 8·6 | 5 | 8·9 | 6 | 7·3 | 34 | 5·4 | 36 | 4·0 | 124 | 4·2 | 25 | 6·1 |
| 7 | 65 | 5·8 | 94 | 5·8 | 6 | 7·8 | 18 | 7·4 | 24 | 7·4 | — 2 | 11·7 | 4 | 10·9 | 13 | 9·2 | 1 | 8·4 | 38 | 5·2 | 29 | 3·3 | 141 | 4·6 | 21 | 6·0 |
| 8 | 66 | 5·7 | 113 | 3·3 | 12 | 9·1 | 27 | 7·2 | 28 | 6·9 | — 5 | 14·9 | 4 | 13·3 | 1 | 10·4 | 4 | 10·7 | 29 | 6·4 | 35 | 3·0 | 142 | 5·0 | 17 | 6·7 |
| 9 | 62 | 4·6 | 99 | 5·2 | 11 | 9·0 | — 2 | 9·0 | 5 | 6·1 | — 6 | 16·6 | 4 | 15·2 | 13 | 12·3 | — 12 | 12·2 | 30 | 6·8 | 36 | 3·9 | 154 | 6·1 | 7 | 7·1 |
| 10 | 71 | 3·2 | 86 | 2·9 | 13 | 7·9 | — 6 | 7·0 | — 24 | 5·8 | — 5 | 15·4 | 5 | 12·3 | 21 | 11·4 | — 18 | 9·9 | 23 | 3·8 | 14 | 2·3 | 168 | 6·2 | — 1 | 5·7 |
| 11 | 54 | 3·1 | 141 | 2·7 | — 1 | 10·6 | — 8 | 10·0 | — 28 | 5·8 | — 4 | 19·5 | 10 | 18·4 | 24 | 15·5 | — 18 | 15·7 | 1 | 6·2 | — 22 | 4·0 | 179 | 6·2 | —10 | 8·1 |
| 12 | — 9 | 2·7 | —140 | 4·2 | — 18 | 12·1 | — 28 | 9·8 | — 64 | 9·0 | — 2 | 20·9 | 16 | 20·6 | 28 | 17·0 | — 15 | 17·0 | — 13 | 6·6 | — 32 | 5·7 | —164 | 7·2 | —24 | 9·1 |
| 13 | — 39 | 6·1 | —118 | 4·6 | — 20 | 13·5 | — 18 | 11·8 | — 56 | 11·5 | — 10 | 21·1 | 18 | 22·2 | 29 | 17·1 | — 14 | 19·9 | — 29 | 8·6 | — 41 | 8·2 | —130 | 7·2 | —28 | 11·2 |
| 14 | — 32 | 8·3 | — 80 | 5·3 | — 16 | 15·1 | — 21 | 11·6 | — 60 | 13·8 | — 10 | 21·9 | 18 | 22·5 | 30 | 17·9 | — 14 | 20·3 | — 32 | 10·7 | — 35 | 9·7 | —129 | 6·5 | —28 | 12·5 |
| 15 | — 28 | 9·1 | — 71 | 6·4 | — 17 | 15·2 | — 26 | 12·4 | — 55 | 13·2 | — 13 | 23·3 | 17 | 24·3 | 32 | 19·8 | — 11 | 22·8 | — 35 | 11·4 | — 38 | 10·3 | —108 | 6·3 | —28 | 13·6 |
| 16 | — 28 | 9·9 | — 70 | 5·9 | — 14 | 17·3 | — 21 | 13·7 | — 42 | 14·5 | — 12 | 23·7 | 22 | 24·5 | 29 | 20·6 | — 12 | 23·7 | — 28 | 12·2 | — 32 | 9·9 | — 92 | 5·4 | —25 | 14·6 |
| 17 | — 12 | 9·0 | — 44 | 5·5 | — 7 | 16·8 | — 14 | 15·5 | — 44 | 15·8 | — 13 | 25·1 | 15 | 26·7 | 28 | 21·4 | — 8 | 23·9 | — 21 | 12·3 | — 25 | 9·5 | — 80 | 3·7 | —20 | 15·0 |
| 18 | — 6 | 8·3 | — 5 | 4·2 | — 9 | 18·1 | — 8 | 16·3 | — 30 | 16·2 | — 15 | 24·8 | 16 | 27·5 | 14 | 22·2 | — 4 | 23·1 | — 12 | 12·0 | — 27 | 9·6 | — 52 | 2·3 | —14 | 15·3 |
| 19 | 7 | 9·1 | — 11 | 6·1 | 6 | 19·0 | 4 | 17·6 | — 12 | 16·6 | — 11 | 25·9 | 14 | 26·9 | 8 | 22·5 | — 2 | 22·5 | — 5 | 13·2 | — 10 | 11·6 | — 25 | 1·1 | — 6 | 15·9 |
| 20 | 18 | 9·5 | 13 | 8·0 | 12 | 20·3 | 18 | 21·3 | 10 | 21·3 | 2 | 28·0 | 5 | 26·5 | 3 | 23·8 | 6 | 22·8 | 10 | 14·3 | — 1 | 12·3 | 50 | 1·3 | 6 | 17.4 |
| 21 | 26 | 10·3 | 17 | 8·7 | 20 | 19·4 | 28 | 22·3 | 18 | 21·7 | 12 | 27·7 | 1 | 24·0 | 2 | 25·4 | 9 | 22·7 | 14 | 15·1 | 8 | 13·2 | 78 | 2·1 | 13 | 17·5 |
| 22 | 33 | 10·5 | 40 | 9·7 | 24 | 18·6 | 34 | 21·3 | 24 | 21·0 | 10 | 25·2 | 2 | 22·0 | 8 | 23·3 | 14 | 20·9 | 19 | 13·5 | 16 | 11·9 | 95 | 2·3 | 19 | 16·3 |
| 23 | 35 | 10·6 | 52 | 9·7 | 26 | 16·5 | 35 | 19·5 | 28 | 18·2 | 16 | 22·4 | 7 | 19·5 | 12 | 19·6 | 19 | 18·2 | 16 | 11·9 | 25 | 11·0 | 110 | 2·9 | 24 | 14·4 |
| 24 | 40 | 9·6 | 56 | 9·1 | 31 | 15·3 | 36 | 16·3 | 36 | 14·8 | 10 | 19·4 | 7 | 16·3 | 6 | 15·7 | 23 | 15·8 | 20 | 10·8 | 32 | 8·2 | 102 | 2·4 | 25 | 12·2 |
| Day | 24 | 6·0 | 45 | 3·0 | 7 | 12·9 | 12 | 11·9 | 0 | 10·2 | — 2 | 19·0 | 9 | 18·0 | 10 | 15·6 | 0 | 15·9 | 4 | 8·3 | — 2 | 6·5 | 169 | 2·0 | 2 | 10·3 |

## WIND VELOCITY.

(Kilometres per hour.)

MEAN OF DAY.

**1913.**

| DAYS OF MONTH | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10·2 | 14·7 | 25·5 | 9·9 | 15·0 | 15·8 | 26·0 | 15·6 | 19·6 | 16·8 | 13·5 | 25·5 |
| 2 | 12·9 | 15·8 | 22·6 | 9·0 | 13·5 | 17·8 | 26·0 | 13·6 | 14·2 | 16·3 | 8·6 | 10·0 |
| 3 | 10·3 | 20·5 | 26·8 | 22·8 | 19·7 | 16·0 | 22·5 | 18·5 | 16·7 | 16·8 | 8·8 | 14·4 |
| 4 | 19·7 | 13·1 | 26·1 | 16·5 | 30·2 | 19·4 | 22·7 | 15·5 | 16·8 | 29·9 | 9·8 | 10·4 |
| 5 | 31·7 | 12·5 | 9·3 | 12·6 | 19·5 | 32·0 | 23·3 | 15·4 | 18·2 | 25·9 | 9·8 | 11·8 |
| 6 | 28·5 | 29·9 | 11·6 | 10·2 | 22·1 | 33·5 | 22·4 | 18·7 | 16·1 | 18·6 | 8·0 | 10·3 |
| 7 | 22·9 | 25·5 | 21·1 | 15·3 | 23·3 | 24·9 | 17·8 | 15·8 | 13·8 | 12·8 | 10·4 | 15·2 |
| 8 | 5·9 | 22·9 | 20·6 | 16·8 | 20·2 | 18·5 | 19·0 | 18·3 | 17·2 | 13·9 | 20·3 | 19·5 |
| 9 | 7·3 | 24·0 | 23·0 | 16·4 | 13·6 | 18·1 | 25·8 | 13·2 | 16·8 | 19·2 | 15·5 | 22·0 |
| 10 | 7·8 | 13·8 | 19·1 | 11·9 | 12·6 | 14·5 | 20·1 | 18·8 | 14·7 | 13·7 | 17·6 | 15·2 |
| 11 | 12·5 | 7·6 | 15·8 | 14·0 | 17·4 | 19·2 | 20·9 | 13·4 | 18·1 | 16·0 | 17·9 | 20·2 |
| 12 | 9·5 | 11·6 | 18·2 | 20·6 | 22·7 | 19·2 | 23·5 | 17·5 | 21·1 | 20·0 | 12·9 | 22·8 |
| 13 | 5·0 | 12·8 | 11·2 | 12·0 | 15·8 | 14·5 | 24·0 | 15·2 | 15·7 | 11·6 | 17·1 | 14·0 |
| 14 | 10·2 | 21·1 | 17·2 | 19·2 | 17·0 | 16·5 | 24·3 | 16·2 | 18·4 | 12·9 | 22·8 | 13·0 |
| 15 | 19·2 | 18·2 | 19·4 | 11·2 | 17·1 | 14·7 | 24·0 | 18·7 | 26·5 | 15·1 | 7·1 | 13·0 |
| 16 | 9·2 | 17·8 | 28·2 | 17·3 | 11·4 | 21·5 | 18·4 | 24·5 | 22·2 | 15·9 | 7·9 | 24·5 |
| 17 | 11·6 | 25·9 | 37·7 | 23·0 | 18·8 | 21·5 | 18·0 | 27·3 | 15·6 | 13·2 | 6·9 | 14·2 |
| 18 | 7·6 | 13·4 | 20·4 | 30·4 | 15·1 | 22·7 | 13·1 | 24·8 | 19·6 | 15·0 | 7·7 | 5·9 |
| 19 | 5·5 | 10·0 | 14·4 | 35·5 | 9·2 | 26·1 | 17·5 | 20·9 | 17·1 | 13·0 | 6·6 | 7·6 |
| 20 | 9·1 | 20·5 | 19·3 | 20·1 | 17·6 | 33·0 | 18·8 | 17·0 | 16·7 | 12·0 | 10·0 | 13·0 |
| 21 | 25·1 | 8·8 | 22·8 | 21·2 | 24·5 | 30·0 | 18·2 | 14·6 | 17·0 | 9·2 | 8·4 | 6·8 |
| 22 | 16·9 | 19·0 | 16·9 | 14·6 | 15·0 | 21·2 | 19·5 | 11·8 | 16·2 | 12·9 | 8·9 | 8·4 |
| 23 | 7·3 | 28·4 | 29·5 | 18·0 | 18·5 | 20·2 | 17·8 | 15·4 | 14·4 | 12·9 | 11·1 | 6·6 |
| 24 | 17·2 | 22·8 | 23·5 | 14·9 | 18·5 | 18·7 | 15·8 | 21·8 | 17·6 | 9·5 | 11·2 | 15·2 |
| 25 | 9·7 | 11·6 | 18·8 | 18·8 | 23·4 | 19·1 | 16·6 | 20·6 | 13·3 | 10·1 | 4·8 | 4·8 |
| 26 | 9·8 | 12·7 | 19·8 | 18·0 | 15·7 | 19·5 | 11·4 | 20·2 | 19·0 | 4·8 | 5·8 | 6·2 |
| 27 | 13·6 | 11·1 | 19·6 | 27·7 | 18·7 | 22·6 | 18·2 | 16·0 | 17·6 | 8·5 | 10·3 | 10·6 |
| 28 | 8·2 | 15·0 | 12·0 | 38·0 | 19·0 | 21·7 | 18·0 | 13·6 | 20·7 | 8·2 | 8·5 | 16·3 |
| 29 | 7·3 | — | 8·7 | 29·9 | 17·2 | 20·3 | 14·9 | 15.4 | 17·7 | 7·8 | 11·5 | 11·4 |
| 30 | 8·0 | — | 19·8 | 22·2 | 18·4 | 22·5 | 15·7 | 19·0 | 19·2 | 11·9 | 11·3 | 9·6 |
| 31 | 9·5 | — | 18·1 | — | 18·3 | — | 17·4 | 20·8 | — | 13·5 | — | 11·8 |
| Mean | 12·6 | 17·2 | 19·9 | 18·9 | 18·0 | 21·2 | 19·7 | 17·7 | 17·6 | 14·1 | 11·0 | 13·2 |

## WIND VELOCITY.

(In kilometres per hour).

### DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

**1913.**

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

## CLOUDS (0—10 scale).

## 1913.

### January.

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

* Additional observations not used in the daily mean.

### February.

| Date | Hours of Observation 8 | 11 * | 14 | 17 * | 20 | Mean |
|---|---|---|---|---|---|---|
| 1 | 0 | 2 Ci.-St. | 8 St.-Cu. | 6 St. | 0 | 2·7 |
| 2 | 8 St.-Cu. | 7 St.-Cu. | 6 St.-Cu. | 2 St. | 0 | 4·7 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 4 | 6 Ci.-St. | 10 St. | 5 St. | 9 St. | 0 | 3·7 |
| 5 | 4 St. | 9 Cu. | 10 Cu.-Ni. | 8 Cu.-Ni. | 0 | 4·7 |
| 6 | 0 | 1 Ci. | 0 | 0 | 0 | 0·0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 8 | 0 | 0 | 0 | 1 Ci. | 0 | 0·0 |
| 9 | 0 | 7 St.-Cu. | 9 St.-Cu. | 5 St.-Cu. | 5 St.-Cu. | 4·7 |
| 10 | 4 St. | 4 Ci. | 3 Ci. | 3 Ci. | 0 | 2·3 |
| 11 | 2 Ci. | 4 Cu. | 4 Cu. | 2 St. | 4 St.-Cu. | 3·3 |
| 12 | 3 Ci. | 5 Ci. | 9 Cu. | 3 Ci. | 1 Ci. | 4·3 |
| 13 | 10 Cu.-Ni. | 10 Ci. | 10 Cu. | 10 Cu.-Ni. | 10 Ni. | 10·0 |
| 14 | 4 Ci. | 4 St. | 2 Ci. | 0 | 0 | 2·0 |
| 15 | 0 | 0 | 3 Ci. | 1 Ci. | 0 | 1·0 |
| 16 | 7 St.-Cu. | 0 | 0 | 4 St. | 5 St. | 4·0 |
| 17 | 0 | 0 | 6 Ci. | 10 Alt.-St. | 10 Alt.-St. | 5·3 |
| 18 | 1 Ci. | 1 Ci. | 8 Cu. | 4 Cu. | 3 Ci. | 4·0 |
| 19 | 2 Ci.-St. | 2 Ci.-St. | 7 Ci.-St. | 6 Ci.-St. | 0 | 3·0 |
| 20 | 0 | 1 Ci. | 2 Ci. | 0 | 0 | 0·7 |
| 21 | 0 | 0 | 2 Ci. | 1 Ci. | 0 | 0·7 |
| 22 | 2 Ci. | 3 Ci. | 1 Ci. | 3 Ci.-St. | 0 | 1·0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 24 | 0 | 0 | 0 | 1 Ci. | 0 | 0·0 |
| 25 | 1 Ci. | 3 Cu. | 8 Cu. | 5 Cu. | 0 | 3·0 |
| 26 | 7 Cu. | 3 Cu. | 7 Cu. | 5 St. | 0 | 4·7 |
| 27 | 0 | 2 Ci. | 9 Cu. | 4 Ci. | 0 | 3·0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| Mean | 2·2 | 2·8 | 4·2 | 3·3 | 1·4 | 2·6 |

### March.

| Date | Hours of Observation 8 | 11 * | 14 | 17 * | 20 | Mean |
|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 2 | 0 | 1 Ci. | 0 | 4 Ci. | 0 | 0·0 |
| 3 | 0 | 0 | 7 Ci. | 10 Alt.-St. | 10 Alt.-St. | 5·7 |
| 4 | 3 Ci. | 5 Ci. | 10 Cu. | 9 Cu. | 0 | 4·3 |
| 5 | 4 Ci. | 4 Ci. | 8 St. | 7 St. | 10 St. | 7·3 |
| 6 | 10 Ci.-St. | 9 St. | 9 St. | 9 St. | 3 St. | 7·3 |
| 7 | 0 | 7 St. | 9 St. | 6 St. | 0 | 3·0 |
| 8 | 3 Ci.-St. | 1 Cu. | 1 Ci. | 0 | 0 | 1·3 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 10 | 1 Ci. | 3 St. | 2 St. | 0 | 0 | 1·0 |
| 11 | 2 Ci. | 2 Ci. | 8 St. | 7 St. | 6 St. | 5·3 |
| 12 | 0 | 2 St. | 6 Cu. | 5 St. | 9 St.-Cu. | 5·0 |
| 13 | 2 St. | 4 St. | 2 St. | 0 | 0 | 1·3 |
| 14 | 4 St. | 3 St. | 2 Ci. | 0 | 0 | 2·0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 17 | 2 St. | 0 | 0 | 0 | 0 | 0·7 |
| 18 | 0 | 0 | 0 | 3 St. | 0 | 0·0 |
| 19 | 0 | 2 St. | 0 | 0 | 0 | 0·0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 22 | 1 St. | 0 | 0 | 0 | 0 | 0·3 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 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 | 1 Ci. | 1 Ci. | 0 | 0 | 0 | 0·3 |
| 28 | 6 Ci. | 0 | 0 | 0 | 0 | 2·0 |
| 29 | 10 St. | 9 St. | 10 St. | 10 St. | 9 Ni. | 9·7 |
| 30 | 8 Ci.-St. | 0 | 0 | 0 | 0 | 2·7 |
| 31 | 8 Ci.-St. | 6 St.-Cu. | 5 Cu. | 2 Cu. | 0 | 4·3 |
| Mean | 2·1 | 1·9 | 2·5 | 2·3 | 1·5 | 2·0 |

* Additional observations not used in the daily mean.

### April.

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

## CLOUDS (0—10 scale).

## 1913.

### May.

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

* Additional observations not used in the daily mean.

### June.

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

### July.

| Date | Hours of Observation 8 | 11 * | 14 | 17 * | 20 | Mean |
|---|---|---|---|---|---|---|
| 1 | 7 Ci. | 0 | 0 | 0 | 0 | 2·3 |
| 2 | 1 Ci. | 0 | 0 | 0 | 0 | 0·3 |
| 3 | 3 Ci.-St. | 0 | 0 | 0 | 0 | 1·0 |
| 4 | 2 Ci. | 0 | 0 | 0 | 0 | 0·7 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 9 | 0 | 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 | 0 | 0 | 0 | 0·0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 15 | 1 Ci. | 0 | 0 | 0 | 0 | 0·3 |
| 16 | 6 Ci.-St. | 0 | 0 | 0 | 0 | 2·0 |
| 17 | 2 Ci. | 0 | 0 | 0 | 0 | 0·7 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 21 | 5 St.-Cu. | 0 | 0 | 0 | 0 | 1·7 |
| 22 | 3 Ci. | 0 | 0 | 0 | 0 | 1·0 |
| 23 | 9 St.-Cu. | 0 | 0 | 0 | 0 | 3·0 |
| 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 | 4 St.-Cu. | 0 | 2 Ci. | 1 Ci. | 4 Ci. | 3·3 |
| 28 | 4 St.-Cu. | 6 St.-Cu. | 4 St. | 2 St. | 0 | 2·7 |
| 29 | 1 Ci. | 1 Ci. | 2 Ci. | 0 | 0 | 1·0 |
| 30 | 0 | 0 | 1 Ci. | 2 St. | 0 | 0·3 |
| 31 | 1 Ci. | 2 St. | 3 St. | 2 St. | 2 St. | 2·0 |
| Mean | 1·6 | 0·3 | 0·4 | 0·2 | 0·2 | 0·7 |

* Additional observations not used in the daily mean.

### August.

| Date | Hours of Observation 8 | 11 * | 14 | 17 * | 20 | Mean |
|---|---|---|---|---|---|---|
| 1 | 1 Ci. | 0 | 0 | 0 | 0 | 0·3 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 4 | 1 Ci. | 0 | 0 | 0 | 0 | 0·3 |
| 5 | 1 Ci. | 0 | 0 | 0 | 0 | 0·3 |
| 6 | 3 Ci. | 1 Ci. | 1 Ci. | 0 | 0 | 1·3 |
| 7 | 4 St. | 3 Ci. | 1 Ci. | 2 Ci. | 0 | 1·7 |
| 8 | 6 St.-Cu. | 0 | 0 | 0 | 0 | 2·0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 10 | 2 Ci.-St. | 0 | 0 | 0 | 0 | 0·7 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 12 | 2 Ci.-St. | 0 | 0 | 0 | 0 | 0·7 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 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 | 1 Ci. | 0 | 0 | 0 | 0 | 0·3 |
| 19 | 1 Ci. | 0 | 0 | 0 | 0 | 0·3 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 21 | 7 Ci.-St. | 0 | 0 | 0 | 0 | 2·3 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 26 | 1 Ci. | 1 Ci. | 0 | 1 Ci. | 0 | 0·3 |
| 27 | 1 Ci. | 3 Ci. | 3 Ci. | 1 Ci. | 3 Ci. | 2·3 |
| 28 | 7 Ci.-St. | 2 Ci. | 2 Ci. | 0 | 0 | 3·0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0·0 |
| 30 | 0 | 0 | 1 Ci. | 1 Ci. | 0 | 0·3 |
| 31 | 0 | 1 Ci. | 1 Ci. | 1 Ci. | 0 | 0·3 |
| Mean | 1·2 | 0·4 | 0·3 | 0·2 | 0·1 | 0·5 |

## CLOUDS (0—10 scale).

### 1913.

#### September.

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

* Additional observations not used in the daily mean.

#### October.

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

#### November.

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

* Additional observations not used in the daily mean.

#### December.

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

# ACTINOMETRIC OBSERVATIONS.

DAILY AT 14h.—1, Bright Bulb; 2, Black Bulb; 3, Difference.

## 1913.

| DAYS OF MONTH | 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 | 20·0 | 24·7 | 4·7 | 21·1 | 24·8 | 3·7 | 35·8 | 52·3 | 16·5 | 35·5 | 51·7 | 16·2 | 40·5 | 55·2 | 14·7 | 41·3 | 59·2 | 17·9 |
| 2 | 22·5 | 33·5 | 11·0 | 21·0 | 28·5 | 7·5 | 40·5 | 56·4 | 15·9 | 38·2 | 54·8 | 16·6 | 40·0 | 55·7 | 15·7 | 41·0 | 58·8 | 17·8 |
| 3 | 26·7 | 41·4 | 14·7 | 30·2 | 48·3 | 18·1 | 30·4 | 44·5 | 14·1 | 40·3 | 55·7 | 15·4 | 39·9 | 52·3 | 12·4 | 43·5 | 60·8 | 17·3 |
| 4 | 29·8 | 45·4 | 15·6 | 27·2 | 44·3 | 17·1 | 17·6 | 24·8 | 7·2 | 35·2 | 52·2 | 17·0 | 43·9 | 58·1 | 15·1 | 41·6 | 57·2 | 15·6 |
| 5 | 25·9 | 38·3 | 12·4 | 18·8 | 27·8 | 9·0 | 25·8 | 40·0 | 14·2 | 34·8 | 51·0 | 16·2 | 43·0 | 58·4 | 15·4 | 43·5 | 60·4 | 16·9 |
| 6 | 20·2 | 25·8 | 5·6 | 31·7 | 49·0 | 17·3 | 14·0 | 16·6 | 2·6 | 36·8 | 53·6 | 16·8 | 42·4 | 53·0 | 10·6 | 43·0 | 60·0 | 17·0 |
| 7 | 23·1 | 34·9 | 11·8 | 32·7 | 50·8 | 18·1 | 28·2 | 43·8 | 15·6 | 44·4 | 60·7 | 16·3 | 40·2 | 55·3 | 15·1 | 46·0 | 63·2 | 17·2 |
| 8 | 20·8 | 29·8 | 9·0 | 33·6 | 51·2 | 17·6 | 31·9 | 48·8 | 16·9 | 42·8 | 58·5 | 15·7 | 43·2 | 58·7 | 15·5 | 43·7 | 60·7 | 17·0 |
| 9 | 27·5 | 43·6 | 16·1 | 19·0 | 22·9 | 3·9 | 29·9 | 44·8 | 14·9 | 36·4 | 52·8 | 16·4 | 32·9 | 46·2 | 13·3 | 43·0 | 58·7 | 15·7 |
| 10 | 24·7 | 36·0 | 11·3 | 29·0 | 45·0 | 16·0 | 31·4 | 46·2 | 14·8 | 40·0 | 55·3 | 15·3 | 37·0 | 50·0 | 13·0 | 47·5 | 64·3 | 16·8 |
| 11 | 22·9 | 31·0 | 8·1 | 21·5 | 28·4 | 6·9 | 28·4 | 40·5 | 12·1 | 44·3 | 60·0 | 15·7 | 46·4 | 60·0 | 13·6 | 39·4 | 55·0 | 15·6 |
| 12 | 28·8 | 44·9 | 16·1 | 26·6 | 38·8 | 12·2 | 33·0 | 52·7 | 19·7 | 30·5 | 35·4 | 4·9 | 40·2 | 55·5 | 15·3 | 42·0 | 59·3 | 17·3 |
| 13 | 30·4 | 46·8 | 16·4 | 22·6 | 29·8 | 7·2 | 29·5 | 41·3 | 11·8 | 36·4 | 49·0 | 12·6 | 41·0 | 56·2 | 15·2 | 40·0 | 56·0 | 16·0 |
| 14 | 30·0 | 46·5 | 16·5 | 26·1 | 42·7 | 16·6 | 28·8 | 44·8 | 16·0 | 44·7 | 60·7 | 16·0 | 40·0 | 54·5 | 14·5 | 42·0 | 58·2 | 16·2 |
| 15 | 31·0 | 48·6 | 17·6 | 28·2 | 42·2 | 14·0 | 31·8 | 48·8 | 17·0 | 49·8 | 65·0 | 15·2 | 38·0 | 52·7 | 14·7 | 45·8 | 62·9 | 17·1 |
| 16 | 24·0 | 32·3 | 8·3 | 31·5 | 47·9 | 16·4 | 34·2 | 50·7 | 16·5 | 37·2 | 50·1 | 12·9 | 24·8 | 37·0 | 12·2 | 44·6 | 61·0 | 16·4 |
| 17 | 25·2 | 37·0 | 11·8 | 22·9 | 33·6 | 10·7 | 33·7 | 50·5 | 16·8 | 37·4 | 59·0 | 12·6 | 36·4 | 55·2 | 18·8 | 42·3 | 59·2 | 16·9 |
| 18 | 27·2 | 42·0 | 14·8 | 23·2 | 32·3 | 9·1 | 34·8 | 51·2 | 16·4 | 33·6 | 44·8 | 11·2 | 40·0 | 57·5 | 17·5 | 40·0 | 56·2 | 16·2 |
| 19 | 27·5 | 40·0 | 12·5 | 28·4 | 45·0 | 16·6 | 32·2 | 48·0 | 15·8 | 36·2 | 46·3 | 10·1 | 43·3 | 60·9 | 17·6 | 43·6 | 60·8 | 17·2 |
| 20 | 29·5 | 45·7 | 16·2 | 35·0 | 51·6 | 16·6 | 34·5 | 51·2 | 16·7 | 26·5 | 29·2 | 2·7 | 46·6 | 64·2 | 17·6 | 44·4 | 61·0 | 16·6 |
| 21 | 28·5 | 43·7 | 15·2 | 34·0 | 50·2 | 16·2 | 34·5 | 51·0 | 16·5 | 38·0 | 54·2 | 16·2 | 44·9 | 62·5 | 17·6 | 46·9 | 63·8 | 16·9 |
| 22 | 29·4 | 43·8 | 14·4 | 38·8 | 55·4 | 16·6 | 35·9 | 52·5 | 16·6 | 37·6 | 53·5 | 15·9 | 48·4 | 65·7 | 17·3 | 46·1 | 63·7 | 17·6 |
| 23 | 28·3 | 40·8 | 12·5 | 40·6 | 56·0 | 15·4 | 39·2 | 55·8 | 16·6 | 36·3 | 52·9 | 16·6 | 35·1 | 43·3 | 8·2 | 46·7 | 64·0 | 17·3 |
| 24 | 29·2 | 46·5 | 17·3 | 32·4 | 48·9 | 16·5 | 40·0 | 57·8 | 17·8 | 36·6 | 52·2 | 15·6 | 41·3 | 60·5 | 19·2 | 46·5 | 63·4 | 16·9 |
| 25 | 27·0 | 37·5 | 10·5 | 25·5 | 32·8 | 7·3 | 42·6 | 58·7 | 16·1 | 42·0 | 58·3 | 16·3 | 41·8 | 59·4 | 17·6 | 42·4 | 59·2 | 16·8 |
| 26 | 31·0 | 48·4 | 17·4 | 32·7 | 50·7 | 18·0 | 42·1 | 58·1 | 16·0 | 40·0 | 55·5 | 15·5 | 38·2 | 56·9 | 18·7 | 44·5 | 61·7 | 17·2 |
| 27 | 32·4 | 49·2 | 16·8 | 24·8 | 32·9 | 8·1 | 42·0 | 58·2 | 16·2 | 43·2 | 58·4 | 15·2 | 39·3 | 57·2 | 17·9 | 44·1 | 60·7 | 16·6 |
| 28 | 30·8 | 48·0 | 17·2 | 30·8 | 45·3 | 14·5 | 40·2 | 56·1 | 15.9 | 45·6 | 61·0 | 15·4 | 37·4 | 55·5 | 18·1 | 48·0 | 64·8 | 16·8 |
| 29 | 22·6 | 27·8 | 5·2 | — | — | — | 34·1 | 44·1 | 10·0 | 47·5 | 62·2 | 14·7 | 40·3 | 58·1 | 17·8 | 47·0 | 64·2 | 17·2 |
| 30 | 26·5 | 37·6 | 11·1 | — | — | — | 37·7 | 53·4 | 15·7 | 44·3 | 59·1 | 14·8 | 39·5 | 57·6 | 18·1 | 43·2 | 60·3 | 17·1 |
| 31 | 32·1 | 49·9 | 17·8 | — | — | — | 36·5 | 53·5 | 17·0 | — | — | — | 39·5 | 57·6 | 18·1 | — | — | — |
| Mean | 26·95 | 40·05 | 13·09 | 28·21 | 41·32 | 13·11 | 33·26 | 48·29 | 15·03 | 39·07 | 53·47 | 14·40 | 40·15 | 55·84 | 15·69 | 43·79 | 60·62 | 16·84 |

| DAYS OF MONTH | 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 | 42·5 | 58·8 | 16·3 | 43·7 | 60·0 | 16·3 | 40·9 | 58·2 | 17·3 | 38·5 | 55·6 | 17·1 | 34·2 | 51·2 | 17·0 | 24·6 | 35·4 | 10·8 |
| 2 | 43·0 | 60·8 | 17·8 | 48·1 | 64·2 | 16·1 | 42·8 | 60·7 | 17·9 | 40·8 | 58·8 | 18·0 | 38·5 | 58·4 | 19·9 | 25·0 | 30·5 | 5·5 |
| 3 | 43·9 | 60·8 | 16·9 | 43·7 | 61·8 | 18·1 | 45·5 | 63·4 | 17·9 | 38·8 | 55·0 | 16·2 | 35·5 | 53·8 | 18·3 | 29·0 | 46·3 | 17·3 |
| 4 | 41·6 | 57·9 | 16·3 | 40·4 | 56·7 | 16·3 | 45·3 | 62·9 | 17·6 | 42·4 | 61·0 | 18·6 | 35·5 | 53·8 | 18·3 | 30·6 | 47·7 | 17·1 |
| 5 | 43·7 | 60·2 | 16·5 | 42·5 | 59·8 | 17·3 | 45·0 | 62·0 | 17·0 | 39·9 | 55·4 | 15·5 | 32·7 | 49·2 | 16·5 | 30·3 | 49·9 | 19·6 |
| 6 | 48·0 | 65·2 | 17·2 | 41·2 | 57·8 | 16·6 | 43·3 | 60·3 | 17·0 | 41·8 | 56·3 | 14·5 | 35·5 | 54·8 | 19·3 | 32·5 | 53·0 | 20·5 |
| 7 | 48·4 | 65·0 | 16·6 | 43·0 | 61·0 | 18·0 | 45·3 | 63·5 | 18·2 | 43·5 | 60·4 | 16·9 | 35·3 | 53·1 | 17·8 | 31·6 | 50·2 | 18·6 |
| 8 | 46·6 | 63·2 | 17·2 | 44·0 | 60·8 | 16·8 | 46·4 | 65·2 | 18·8 | 45·9 | 66·3 | 20·4 | 31·0 | 40·6 | 9·6 | 26·5 | 42·0 | 15·5 |
| 9 | 49·3 | 66·8 | 17·5 | 46·7 | 63·2 | 16·5 | 45·5 | 64·0 | 18·5 | 47·0 | 63·8 | 16·8 | 36·7 | 53·8 | 17·1 | 30·5 | 48·1 | 17·6 |
| 10 | 51·1 | 68·2 | 17·1 | 46·0 | 63·8 | 17·8 | 43·9 | 62·5 | 18·6 | 44·5 | 61·3 | 16·8 | 34·5 | 51·3 | 16·8 | 17·0 | 40·2 | 23·2 |
| 11 | 48·3 | 65·0 | 17·7 | 45·1 | 61·0 | 15·9 | 43·4 | 60·9 | 17·5 | 44·6 | 62·6 | 18·0 | 35·0 | 53·9 | 18·9 | 15·5 | 17·7 | 2·2 |
| 12 | 51·0 | 68·1 | 17·1 | 48·0 | 65·4 | 17·4 | 46·4 | 64·1 | 17·7 | 41·0 | 56·0 | 15·0 | 30·1 | 43·9 | 13·8 | 26·7 | 46·2 | 19·5 |
| 13 | 54·1 | 72·0 | 17·9 | 46·5 | 63·7 | 17·2 | 47·0 | 65·0 | 18·0 | 41·4 | 57·9 | 16·5 | 35·7 | 54·5 | 18·8 | 23·5 | 36·9 | 13·4 |
| 14 | 46·8 | 63·2 | 16·4 | 48·2 | 65·8 | 17·6 | 47·1 | 65·0 | 17·9 | 41·6 | 59·0 | 17·4 | 33·4 | 48·2 | 14·8 | 23·5 | 34·1 | 10·6 |
| 15 | 43·0 | 60·5 | 17·5 | 46·7 | 63·9 | 17·2 | 48·6 | 66·0 | 17·4 | 40·7 | 58·0 | 17·3 | 36·4 | 53·7 | 17·3 | 27·2 | 46·9 | 19·7 |
| 16 | 43·5 | 60·5 | 17·0 | 46·2 | 66·5 | 20·3 | 48·5 | 67·0 | 18·5 | 42·6 | 61·1 | 18·5 | 34·9 | 54·0 | 19·1 | 27·5 | 44·7 | 17·2 |
| 17 | 46·0 | 63·5 | 17·5 | 47·3 | 65·0 | 17·7 | 44·7 | 62·7 | 18·0 | 43·0 | 57·9 | 14·9 | 34·0 | 49·8 | 15·8 | 24·0 | 40·7 | 16·7 |
| 18 | 40·1 | 62·3 | 16·2 | 44·5 | 61·8 | 17·3 | 48·5 | 66·7 | 18·2 | 41·8 | 59·0 | 17·2 | 35·8 | 54·3 | 18·5 | 20·2 | 29·6 | 9·4 |
| 19 | 47·0 | 64·1 | 17·1 | 45·4 | 63·1 | 17·7 | 45·5 | 63·3 | 17·8 | 39·0 | 56·8 | 17·8 | 32·4 | 46·6 | 14·2 | 30·4 | 49·8 | 19·4 |
| 20 | 41·7 | 58·6 | 16·9 | 46·0 | 63·5 | 17·5 | 42·5 | 57·2 | 14·7 | 38·0 | 55·4 | 17·4 | 33·5 | 52·6 | 19.1 | 27·8 | 45·4 | 17·6 |
| 21 | 42·2 | 60·0 | 17·8 | 46·8 | 64·7 | 17·9 | 40·2 | 64·7 | 18·5 | 41·3 | 60·9 | 19·6 | 32·6 | 49·9 | 17·3 | 27·9 | 45·7 | 17·8 |
| 22 | 44·2 | 61·9 | 17·7 | 47·1 | 64·2 | 17·1 | 43·0 | 60·1 | 17·1 | 39·9 | 58·2 | 18·3 | 32·5 | 50·9 | 18·4 | 27·3 | 45·1 | 17·8 |
| 23 | 44·2 | 61·3 | 17·1 | 45·8 | 61·2 | 15·4 | 41·6 | 59·3 | 17·7 | 29·7 | 34·6 | 4·9 | 18·4 | 23·2 | 4·8 | 27·6 | 45·5 | 17·9 |
| 24 | 44·5 | 62·2 | 17·7 | 47·0 | 64·4 | 17·4 | 45·7 | 63·3 | 17·6 | 30·5 | 40·4 | 9·9 | 30·8 | 46·8 | 16·0 | 28·6 | 45·4 | 16·8 |
| 25 | 42·5 | 59·1 | 16·6 | 42·8 | 59·8 | 17·0 | 41·5 | 60·0 | 18·5 | 30·3 | 40·4 | 10·1 | 33·9 | 53·3 | 19·4 | 29·4 | 50·0 | 20·6 |
| 26 | 44·0 | 61·0 | 17·0 | 44·5 | 62·6 | 18·1 | 40·4 | 57·7 | 17·3 | 40·5 | 61·5 | 21·0 | 30·1 | 45·0 | 14·9 | 30·4 | 48·9 | 18·5 |
| 27 | 43·7 | 61·4 | 17·7 | 42·0 | 58·9 | 16·9 | 42·1 | 59·7 | 17·6 | 36·5 | 54·6 | 18·1 | 33·5 | 53·0 | 19·5 | 28·9 | 45·0 | 16·1 |
| 28 | 45·4 | 63·5 | 18·1 | 44·2 | 62·0 | 17·8 | 43·3 | 62·2 | 18·9 | 38·5 | 57·1 | 18·6 | 29·8 | 45·8 | 16·0 | 29·8 | 48·9 | 19·1 |
| 29 | 45·0 | 63.9 | 18·9 | 42·7 | 59·6 | 16·9 | 45·1 | 63·0 | 17·9 | 29·6 | 36·6 | 7·0 | 29·6 | 44·7 | 15·1 | 23·3 | 32·9 | 9·6 |
| 30 | 42·0 | 58·1 | 16·1 | 44·1 | 61·2 | 17·1 | 39·5 | 56·9 | 17·4 | 38·5 | 56.0 | 17·5 | 29·9 | 46·6 | 16·7 | 35·3 | 54·0 | 18·7 |
| 31 | 44·1 | 63·0 | 18·9 | 43·8 | 62·0 | 18·2 | — | — | — | 35·9 | 52·8 | 16·9 | — | — | — | 35·3 | 51·8 | 16·5 |
| Mean | 45·38 | 62·62 | 17·24 | 44·97 | 62·24 | 17·27 | 44·48 | 62·25 | 17·77 | 39·61 | 55·83 | 16·22 | 33·06 | 49·69 | 16·63 | 27·35 | 43·50 | 16·15 |

# DURATION OF SUNSHINE.

Campbell-Stokes Sunshine Recorder.

## 1913.

| DAYS OF MONTH | 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 | 5 20 | 10 13 | 6 30 | 10 45 | 9 50 | 11 31 | 6 05 | 12 28 | 11 27 | 13 20 | 12 04 | 13 57 | 12 30 | 14 03 | 12 25 | 13 36 | 11 40 | 12 48 | 9 10 | 11 54 | 8 57 | 11 00 | 0 31 | 10 20 |
| 2 | 7 50 | 10 14 | 0 38 | 10 46 | 9 10 | 11 33 | 9 16 | 12 30 | 11 05 | 13 21 | 12 25 | 13 57 | 12 55 | 14 02 | 12 00 | 13 34 | 11 23 | 12 46 | 9 15 | 11 51 | 8 55 | 10 58 | 0 16 | 10 20 |
| 3 | 8 35 | 10 15 | 8 55 | 10 48 | 5 42 | 11 36 | 10 12 | 12 33 | 8 22 | 13 23 | 12 53 | 13 58 | 12 41 | 14 02 | 12 00 | 13 34 | 11 42 | 12 45 | 9 20 | 11 50 | 8 50 | 10 57 | 8 10 | 10 19 |
| 4 | 8 00 | 10 15 | 0 55 | 10 50 | 4 18 | 11 38 | 10 25 | 12 34 | 3 14 | 13 24 | 13 00 | 13 58 | 12 54 | 14 02 | 12 25 | 13 32 | 11 15 | 12 43 | 9 18 | 11 48 | 8 31 | 10 55 | 7 21 | 10 18 |
| 5 | 6 50 | 10 15 | 3 05 | 10 52 | 7 15 | 11 30 | 10 46 | 12 36 | 12 00 | 13 25 | 13 06 | 13 59 | 12 48 | 14 01 | 12 00 | 13 30 | 11 30 | 12 40 | 9 20 | 11 47 | 8 47 | 10 53 | 8 10 | 10 17 |
| 6 | 0 08 | 10 16 | 9 05 | 10 53 | 1 50 | 11 41 | 10 10 | 12 37 | 11 00 | 13 27 | 13 00 | 14 00 | 12 49 | 14 01 | 12 05 | 13 29 | 10 30 | 12 39 | 9 05 | 11 45 | 8 42 | 10 52 | 4 48 | 10 17 |
| 7 | 7 40 | 10 17 | 9 05 | 10 54 | 6 32 | 11 42 | 9 50 | 12 39 | 4 54 | 13 29 | 13 03 | 14 01 | 12 48 | 14 01 | 12 04 | 13 28 | 10 33 | 12 38 | 8 30 | 11 42 | 9 00 | 10 51 | 7 40 | 10 16 |
| 8 | 5 50 | 10 18 | 9 10 | 10 56 | 8 54 | 11 44 | 9 55 | 12 41 | 11 36 | 13 29 | 12 45 | 14 01 | 12 33 | 13 59 | 11 45 | 13 27 | 10 45 | 12 36 | 7 45 | 11 41 | 6 34 | 10 49 | 1 10 | 10 16 |
| 9 | 8 12 | 10 18 | 2 35 | 10 57 | 9 15 | 11 46 | 6 50 | 12 43 | 11 07 | 13 31 | 13 00 | 14 02 | 12 40 | 13 59 | 11 05 | 13 25 | 10 11 | 12 33 | 8 24 | 11 39 | 8 30 | 10 48 | 8 21 | 10 15 |
| 10 | 3 42 | 10 19 | 8 00 | 10 59 | 9 12 | 11 47 | 10 45 | 12 45 | 9 39 | 13 33 | 13 10 | 14 02 | 12 33 | 13 58 | 11 39 | 13 23 | 9 32 | 12 32 | 8 50 | 11 38 | 7 45 | 10 46 | 0 00 | 10 15 |
| 11 | 3 27 | 10 20 | 8 50 | 11 01 | 0 43 | 11 50 | 10 18 | 12 46 | 9 43 | 13 34 | 12 48 | 14 02 | 12 22 | 13 57 | 11 50 | 13 21 | 9 45 | 12 30 | 8 08 | 11 36 | 9 00 | 10 44 | 0 00 | 10 14 |
| 12 | 7 55 | 10 21 | 6 27 | 11 03 | 8 00 | 11 52 | 3 36 | 12 48 | 11 48 | 13 35 | 12 48 | 14 03 | 12 29 | 13 57 | 11 18 | 13 20 | 9 48 | 12 29 | 9 00 | 11 34 | 8 32 | 10 43 | 7 15 | 10 13 |
| 13 | 6 40 | 10 22 | 1 05 | 11 03 | 8 33 | 11 54 | 5 50 | 12 50 | 10 17 | 13 36 | 13 06 | 14 03 | 12 33 | 13 55 | 11 33 | 13 19 | 10 42 | 12 26 | 9 00 | 11 33 | 8 45 | 10 42 | 3 41 | 10 14 |
| 14 | 8 40 | 10 23 | 7 00 | 11 05 | 9 00 | 11 55 | 10 54 | 12 51 | 12 19 | 13 38 | 13 00 | 14 04 | 12 03 | 13 55 | 11 48 | 13 17 | 10 06 | 12 25 | 9 00 | 11 31 | 8 55 | 10 41 | 3 53 | 10 13 |
| 15 | 7 55 | 10 24 | 7 44 | 11 07 | 9 40 | 11 57 | 11 00 | 12 54 | 12 12 | 13 39 | 12 52 | 14 04 | 12 29 | 13 55 | 12 00 | 13 15 | 10 00 | 12 23 | 8 30 | 11 28 | 8 52 | 10 39 | 7 10 | 10 12 |
| 16 | 8 05 | 10 25 | 7 35 | 11 09 | 9 42 | 12 00 | 2 15 | 12 55 | 4 13 | 13 40 | 12 51 | 14 04 | 12 30 | 13 54 | 12 00 | 13 14 | 10 00 | 12 22 | 9 00 | 11 27 | 7 43 | 10 37 | 5 41 | 10 13 |
| 17 | 1 55 | 10 26 | 6 25 | 11 11 | 9 10 | 12 01 | 6 02 | 12 57 | 11 42 | 13 42 | 12 38 | 14 05 | 11 31 | 13 52 | 11 40 | 13 12 | 9 36 | 12 19 | 7 55 | 11 25 | 8 22 | 10 36 | 2 23 | 10 12 |
| 18 | 8 35 | 10 27 | 8 04 | 11 12 | 9 12 | 12 03 | 3 10 | 12 59 | 10 58 | 13 43 | 12 42 | 14 04 | 12 10 | 13 52 | 11 38 | 13 11 | 10 00 | 12 17 | 8 30 | 11 23 | 8 15 | 10 35 | 3 32 | 10 11 |
| 19 | 5 30 | 10 28 | 7 50 | 11 14 | 9 10 | 12 04 | 0 10 | 13 00 | 12 37 | 13 44 | 12 37 | 14 04 | 12 00 | 13 50 | 11 48 | 13 09 | 9 56 | 12 16 | 7 36 | 11 22 | 8 20 | 10 33 | 7 21 | 10 12 |
| 20 | 8 50 | 10 30 | 8 16 | 11 16 | 9 10 | 12 06 | 0 00 | 13 02 | 12 18 | 13 45 | 13 04 | 14 04 | 12 22 | 13 50 | 11 06 | 13 08 | 10 00 | 12 15 | 8 55 | 11 20 | 8 19 | 10 33 | 8 45 | 10 11 |
| 21 | 8 39 | 10 31 | 9 00 | 11 18 | 9 00 | 12 00 | 9 45 | 13 04 | 11 55 | 13 46 | 13 12 | 14 05 | 11 20 | 13 49 | 10 35 | 13 06 | 9 50 | 12 12 | 8 00 | 11 18 | 8 25 | 10 32 | 7 43 | 10 12 |
| 22 | 8 42 | 10 31 | 7 35 | 11 19 | 9 40 | 12 10 | 11 52 | 13 05 | 8 52 | 13 47 | 12 54 | 14 05 | 11 45 | 13 48 | 11 48 | 13 04 | 9 10 | 12 10 | 8 33 | 11 17 | 7 46 | 10 30 | 4 47 | 10 11 |
| 23 | 6 42 | 10 32 | 8 48 | 11 21 | 10 06 | 12 12 | 9 36 | 13 07 | 6 50 | 13 49 | 13 00 | 14 04 | 10 38 | 13 46 | 12 00 | 13 03 | 9 44 | 12 09 | 6 17 | 11 15 | 0 24 | 10 29 | 8 33 | 10 12 |
| 24 | 8 10 | 10 34 | 6 55 | 11 23 | 10 00 | 12 15 | 10 25 | 13 08 | 12 42 | 13 49 | 11 15 | 14 04 | 11 49 | 13 45 | 11 42 | 13 01 | 9 25 | 12 06 | 6 30 | 11 13 | 6 35 | 10 28 | 8 50 | 10 11 |
| 25 | 6 30 | 10 35 | 4 50 | 11 25 | 10 45 | 12 16 | 10 38 | 13 10 | 12 35 | 13 50 | 11 05 | 14 04 | 12 42 | 13 44 | 11 40 | 13 00 | 9 48 | 12 04 | 6 58 | 11 12 | 9 01 | 10 26 | 9 10 | 10 12 |
| 26 | 8 42 | 10 37 | 6 20 | 11 26 | 9 45 | 12 18 | 11 55 | 13 12 | 12 50 | 13 51 | 11 42 | 14 05 | 12 45 | 13 43 | 11 33 | 12 58 | 9 33 | 12 03 | 8 10 | 11 10 | 9 00 | 10 26 | 9 05 | 10 11 |
| 27 | 8 20 | 10 38 | 6 53 | 11 28 | 9 48 | 12 19 | 12 12 | 13 13 | 12 17 | 13 52 | 13 10 | 14 04 | 10 24 | 13 42 | 11 30 | 12 57 | 9 20 | 12 01 | 9 15 | 11 08 | 8 42 | 10 25 | 8 28 | 10 12 |
| 28 | 8 36 | 10 40 | 9 38 | 11 30 | 8 45 | 12 21 | 11 25 | 13 15 | 12 37 | 13 54 | 13 00 | 14 04 | 11 00 | 13 41 | 10 52 | 12 55 | 9 47 | 12 00 | 9 23 | 11 06 | 8 20 | 10 24 | 7 30 | 10 13 |
| 29 | 6 15 | 10 41 | — | — | 0 16 | 12 24 | 8 35 | 13 17 | 12 22 | 13 54 | 12 50 | 14 04 | 12 32 | 13 39 | 11 20 | 12 52 | 9 26 | 11 57 | 8 05 | 11 04 | 8 24 | 10 23 | 5 30 | 10 12 |
| 30 | 7 15 | 10 43 | — | — | 8 48 | 12 25 | 10 50 | 13 18 | 12 55 | 13 55 | 12 51 | 14 03 | 12 27 | 13 39 | 11 18 | 12 51 | 9 25 | 11 56 | 8 20 | 11 03 | 6 00 | 10 21 | 6 58 | 10 13 |
| 31 | 8 55 | 10 43 | — | — | 8 10 | 12 27 | — | — | 12 45 | 13 55 | — | — | 12 31 | 13 37 | 11 42 | 12 49 | — | — | 8 32 | 11 02 | — | — | 9 00 | 10 14 |
| Mean | 6 59 | 10 26 | 6 55 | 11 07 | 8 14 | 11 59 | 8 29 | 12 54 | 10 41 | 13 39 | 12 44 | 14 02 | 12 15 | 13 52 | 11 41 | 13 14 | 10 09 | 12 22 | 8 28 | 11 27 | 8 04 | 10 39 | 5 52 | 10 14 |
| Mean percentage | 66·9 | | 62·2 | | 68·7 | | 65·8 | | 78·3 | | 90·7 | | 88·3 | | 88·3 | | 82·0 | | 74·0 | | 75·8 | | 57·3 | |

## RAINFALL.

(In millimetres.)

| | | 14 h. | 20 h. | 8 h. | Total* | Total for month |
|---|---|---|---|---|---|---|
| January | 5 | — | — | Drops | 0·0 | |
| " | 6 | Drizzle | — | — | 0·0 | |
| " | 10 | — | Drops | Drops | 0·0 | |
| " | 16 | — | — | Drops | 0·0 | |
| " | 17 | — | Drops | — | 0·0 | 0·0 |
| February | 5 | 3·3 | — | — | 3·3 | |
| " | 13 | Drops | 2·6 | 5·2 | 7·8 | |
| " | 18 | — | — | 1·8 | 1·8 | |
| " | 19 | — | Drops | — | 0·0 | 12·9 |
| March | 6 | — | 1·6 | — | 1·6 | |
| " | 29 | — | Drops | — | 0·0 | 1·6 |
| April | 12 | — | Drops | — | 0·0 | |
| " | 20 | Drops | — | — | 0·0 | 0·0 |
| May | 16 | 7·4 | 5·2 | — | 12·6 | |
| " | 23 | — | Drops | — | 0·0 | 12·6 |
| October | 8 | — | Drops | — | 0·0 | |
| " | 23 | Drops | Drops | — | 0·0 | 0·0 |
| November | 16 | Drops | — | — | 0·0 | |
| " | 22 | — | Drops | 9·8 | 9·8 | |
| " | 23 | 5·1 | 0·2 | — | 5·3 | |
| " | 24 | Drops | — | — | 0·0 | 15·1 |
| December | 1 | — | Drops | Drops | 0·0 | |
| " | 2 | — | Drops | — | 0·0 | |
| " | 3 | — | — | Drops | 0·0 | |
| " | 8 | — | Drops | — | 0·0 | |
| " | 9 | — | — | Drops | 0·0 | |
| " | 10 | — | Drops | — | 0·0 | |
| " | 11 | | Drops | — | 0.0 | |
| " | 13 | 0·3 | — | — | 0·3 | |
| " | 14 | — | 4·2 | — | 4·2 | |
| " | 16 | — | — | Drops | 0·0 | |
| " | 17 | Drops | — | — | 0·0 | |
| " | 21 | — | 1·4 | 1·9 | 3·3 | |
| " | 22 | 1·2 | — | — | 1·2 | 9·0 |
| | TOTAL | | | | | 51·2 |

* From 8 a.m. to 8 a.m.

## EVAPORATION (in millimetres).

DAY'S TOTAL FROM 8 a.m. to 8 a.m. — WILD EVAPORIMETER IN SCREEN.

| DAYS OF MONTH | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | |
| 1 | 1·8 | 3·0 | 7·2 | 3·2 | 7·6 | 7·5 | 8·2 | 7·3 | 6·2 | 5·2 | 5·2 | 3·3 |
| 2 | 2·7 | 3·6 | 5·6 | 4·4 | 6·5 | 7·8 | 8·1 | 10·7 | 5·6 | 5·1 | 4·0 | 2·0 |
| 3 | 2·6 | 3·5 | 5·6 | 6·8 | 9·3 | 9·0 | 8·0 | 7·8 | 7·2 | 5·7 | 3·8 | 3·2 |
| 4 | 2·9 | 2·0 | 3·9 | 5·8 | 8·3 | 8·4 | 8·8 | 6·9 | 7·4 | 8·5 | 3·2 | 2·4 |
| 5 | 3·2 | 1·4 | 2·4 | 5·0 | 9·5 | 10·5 | 9·6 | 7·4 | 6·8 | 6·6 | 3·4 | 2·6 |
| 6 | 2·7 | 5·6 | 1·4 | 5·5 | 10·9 | 9·8 | 11·2 | 6·8 | 6·5 | 4·8 | 2·4 | 2·4 |
| 7 | 3·6 | 5·7 | 5·2 | 7·2 | 11·0 | 11·2 | 13·3 | 7·0 | 6·8 | 5·3 | 3·1 | 3·3 |
| 8 | 1·6 | 4·6 | 5·5 | 7·3 | 9·4 | 9·4 | 8·3 | 7·6 | 7·4 | 6·6 | 4·0 | 1·5 |
| 9 | 1·7 | 3·4 | 6·0 | 5·6 | 5·6 | 9·0 | 13·9 | 9·0 | 6·7 | 6·8 | 3·8 | 3·3 |
| 10 | 2·5 | 2·7 | 5·0 | 5·3 | 7·2 | 10·0 | 12·3 | 7·8 | 5·0 | 5·1 | 4·4 | 1·8 |
| 11 | 2·1 | 2·4 | 5·0 | 6·5 | 7·8 | 7·9 | 11·8 | 6·9 | 5·8 | 5·1 | 3·9 | 1·4 |
| 12 | 1·6 | 2·5 | 4·6 | 6·6 | 5·9 | 8·3 | 14·7 | 8·5 | 7·0 | 7·8 | 3·2 | 2·3 |
| 13 | 1·0 | 1·0 | 4·2 | 6·0 | 6·6 | 7·0 | 17·2 | 9·8 | 7·3 | 6·4 | 4·6 | 1·7 |
| 14 | 1·8 | 2·0 | 5·6 | 8·0 | 8·3 | 8·4 | 10·1 | 7·8 | 8·2 | 3·3 | 4·7 | 1·4 |
| 15 | 3·0 | 2·1 | 5·1 | 9·2 | 7·0 | 8·8 | 8·6 | 10·4 | 11·3 | 4·9 | 3·4 | 1·3 |
| 16 | 2·4 | 3·2 | 6·2 | 5·8 | 0·9 | 9·2 | 7·9 | 10·5 | 9·6 | 5·3 | 2·4 | 3·0 |
| 17 | 2·8 | 3·2 | 7·4 | 7·2 | 5·6 | 8·6 | 9·1 | 8·6 | 6·6 | 5·3 | 2·3 | 2·1 |
| 18 | 2·3 | 1·6 | 6·2 | 7·2 | 7·3 | 7·8 | 8·3 | 7·5 | 9·3 | 6·7 | 2·8 | 1·5 |
| 19 | 1·4 | 3·1 | 6·2 | 11·5 | 7·6 | 8·9 | 9·5 | 7·6 | 8·9 | 4·6 | 3·3 | 1·7 |
| 20 | 2·6 | 5·7 | 5·6 | 7·4 | 10·6 | 10·7 | 7·1 | 7·6 | 8·8 | 4·4 | 2·4 | 2·3 |
| 21 | 3·8 | 3·6 | 5·5 | 6·5 | 10·6 | 11·8 | 7·0 | 7·8 | 7·2 | 4·4 | 1·7 | 1·2 |
| 22 | 2·4 | 6·2 | 6·0 | 6·5 | 9·9 | 10·8 | 7·2 | 8·4 | 5·8 | 3·9 | 2·4 | 1·4 |
| 23 | 1·9 | 7·2 | 6·9 | 6·4 | 11·2 | 11·0 | 7·9 | 10·6 | 5·6 | 7·6 | 0·9 | 2·0 |
| 24 | 3·6 | 4·3 | 8·5 | 5·4 | 9·0 | 10·0 | 8·5 | 8·0 | 6·2 | 3·8 | 2·4 | 2·5 |
| 25 | 2·3 | 2·9 | 8·8 | 7·4 | 8·4 | 7·7 | 9·3 | 6·6 | 5·9 | 2·4 | 1·8 | 2·2 |
| 26 | 2·6 | 3·6 | 8·0 | 8·1 | 6·8 | 8·8 | 8·6 | 6·8 | 6·8 | 3·0 | 2·0 | 2·2 |
| 27 | 3·3 | 3·4 | 7·4 | 9·6 | 7·5 | 10·0 | 7·8 | 6·1 | 7·0 | 3·7 | 2·2 | 2·2 |
| 28 | 3·2 | 3·5 | 6·0 | 12·7 | 7·7 | 12·2 | 7·6 | 5·8 | 6·7 | 2·9 | 2·4 | 3·0 |
| 29 | 2·5 | — | 4·4 | 12·8 | 7·2 | 9·4 | 8·5 | 6·5 | 7·4 | 2·6 | 1·9 | 2·7 |
| 30 | 2·2 | — | 5·8 | 8·8 | 7·6 | 8·5 | 6·8 | 7·3 | 5·5 | 4·0 | 2·2 | 3·0 |
| 31 | 2·2 | — | 4·7 | — | 7·6 | — | 6·8 | 6·7 | — | 4·5 | — | 3·7 |
| Sum | 76·3 | 97·0 | 175·9 | 215·7 | 246·4 | 278·4 | 292·0 | 244·1 | 212·5 | 156·3 | 90·2 | 70·6 |
| **Mean** | 2·46 | 3·46 | 5·67 | 7·19 | 7·95 | 9·28 | 9·42 | 7·87 | 7·08 | 5·04 | 3·01 | 2·28 |

# CLIMATOLOGICAL FACTORS.

## TEMPERATURE.

### 1913.

| MONTHS | Mean Temperature for 24 h. | Mean 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 Maxim. | Mean Minim. | Range | | | | Absol. Maxim. | Date | Absol. Minim. | Date | Range | |
| December 1912 | 14·1 | 11·2 | 18·2 | 14·5 | 19·1 | 9·3 | 9·8 | 16·5 | 12·2 | 4·3 | 21·3 | 4 | 6·5 | 26 | 14·8 | 0·8 |
| January 1913 | 13·1 | 10·2 | 17·2 | 13·7 | 18·3 | 8·2 | 10·1 | 14·5 | 11·1 | 3·4 | 20·2 | 27 | 5·5 | 16 | 14·7 | 0·8 |
| February „ | 13·8 | 10·5 | 18·2 | 14·6 | 19·5 | 8·2 | 11·3 | 22·2 | 10·4 | 11·8 | 29·0 | 23 | 3·7 | 4 | 25·3 | 1·4 |
| March „ | 15·7 | 12·2 | 21·3 | 16·7 | 22·6 | 9·3 | 13·3 | 22·9 | 8·9 | 14·0 | 31·8 | 25 | 4·3 | 4 | 27·5 | 1·3 |
| April „ | 21·1 | 18·6 | 26·7 | 21·8 | 28·9 | 14·2 | 14·7 | 28·1 | 16·3 | 11·8 | 38·7 | 15 | 9·6 | 6 | 29·1 | 2·5 |
| May „ | 23·1 | 20·9 | 28·0 | 24·0 | 30·2 | 16·7 | 13·5 | 29·3 | 16·5 | 12·8 | 37·6 | 22 | 12·8 | 17 | 14·8 | 2·1 |
| June „ | 25·3 | 22·1 | 31·3 | 27·2 | 33·0 | 17·8 | 15·2 | 29·4 | 21·8 | 7·6 | 38·2 | 28 | 14·4 | 1 | 23·8 | 1·2 |
| July „ | 27·0 | 23·6 | 32·9 | 28·8 | 34·6 | 19·8 | 14·8 | 33·8 | 24·8 | 9·0 | 42·9 | 13 | 18·2 | 4 | 24·7 | 1·2 |
| August „ | 26·9 | 23·6 | 32·6 | 29·1 | 33·9 | 20·5 | 13·4 | 30·1 | 24·5 | 5·6 | 39·3 | 2 | 18·8 | 4 | 20·5 | 0·9 |
| September „ | 26·0 | 22·6 | 32·0 | 27·5 | 32·8 | 19·6 | 13·2 | 28·7 | 23·6 | 5·1 | 37·8 | 15 | 17·9 | 19 | 19·9 | 0·9 |
| October „ | 23·4 | 20·8 | 28·9 | 24·0 | 29·7 | 17·6 | 12·1 | 28·0 | 20·2 | 7·8 | 38·0 | 9 | 14·2 | 28 | 23·8 | 0·8 |
| November „ | 17·7 | 15·4 | 22·1 | 18·2 | 23·0 | 12·6 | 10·4 | 20·6 | 15·0 | 5·6 | 26·7 | 15 | 9·7 | 27 | 17·0 | 0·7 |
| December „ | 13·5 | 10·7 | 17·6 | 14·1 | 18·5 | 8·9 | 9·6 | 19·2 | 10·2 | 9·0 | 26·3 | 31 | 4·9 | 25 | 21·4 | 1·1 |
| Civil year | 20·6 | 17·6 | 25·7 | 21·6 | 27·1 | 14·4 | 12·6 | 33·8 | 8·9 | 24·9 | 42·9 | July 13th | 3·7 | Febr. 4th | 39·2 | 1·2 |
| Meteor. year | 20·6 | 17·6 | 25·8 | 21·7 | 27·1 | 14·5 | 12·6 | July 13th | March 4th | — | — | — | — | — | — | 1·2 |

NOTES.— Mean diurnal variability $= \dfrac{(t_1-t_2)+(t_2-t_3)\ldots\ldots+(t_n-t_{n+1})}{n}$ 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.

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

| MONTHS | Vapour Pressure Mean mm. | Relative Humidity | | | | Rain | | Cloudness 0-10 | Duration of Sunshine | | Evaporation mm. | Mean Wind Velocity Kilometres per hour. | Mean Wind Direction degrees E of N | Standard Pressure Mean mm. 700 + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 8 a.m. | 2 p.m. | 8 p.m. | Mean* | Amount mm. | N° of rainy days | | Total Hours | Percentage of Possible | | | | |
| December 1912 | 7·3 | 74 | 46 | 60 | 62 | 19·4 | 4 | 3·5 | 203·9 | 64·2 | 75 | 12·5 | 26 | 56·5 |
| January 1913 | 6·4 | 66 | 44 | 54 | 57 | Drops | 0 | 2·9 | 210·4 | 66·9 | 76 | 12·6 | 24 | 55·0 |
| February „ | 5·7 | 68 | 37 | 48 | 51 | 12·9 | 3 | 2·6 | 193·6 | 62·2 | 97 | 17·2 | 45 | 52·7 |
| March „ | 6·2 | 69 | 29 | 42 | 50 | 1·6 | 1 | 2·0 | 255·4 | 68·7 | 176 | 19·9 | 7 | 53·0 |
| April „ | 7·0 | 54 | 25 | 36 | 43 | Drops | 0 | 3·0 | 254·7 | 65·8 | 216 | 18·9 | 12 | 49·1 |
| May „ | 7·8 | 54 | 26 | 36 | 41 | 12·6 | 1 | 2·3 | 331·3 | 78·3 | 246 | 18·0 | 0 | 48·7 |
| June „ | 9·4 | 61 | 22 | 28 | 43 | 0·0 | 0 | 0·4 | 381·8 | 90·7 | 278 | 21·2 | — 2 | 49·1 |
| July „ | 10·5 | 64 | 26 | 33 | 44 | 0·0 | 0 | 0·7 | 379·6 | 88·3 | 292 | 19·7 | 9 | 48·0 |
| August „ | 12·8 | 71 | 27 | 39 | 53 | 0·0 | 0 | 0·5 | 362·2 | 88·3 | 244 | 17·7 | 10 | 47·7 |
| September „ | 12·4 | 74 | 27 | 43 | 53 | 0·0 | 0 | 0·8 | 304·4 | 82·0 | 212 | 17·6 | 0 | 49·5 |
| October „ | 11·0 | 66 | 31 | 47 | 55 | Drops | 0 | 1·5 | 262·6 | 74·0 | 156 | 14·1 | 4 | 51·2 |
| November „ | 8·7 | 71 | 43 | 54 | 59 | 15·1 | 2 | 1·8 | 242·2 | 75·8 | 90 | 11·0 | — 2 | 53·2 |
| December „ | 6·1 | 62 | 43 | 53 | 53 | 9·0 | 4 | 3·9 | 181·7 | 57·3 | 71 | 13·2 | 169 | 54·8 |
| Civil year | 8·7 | 65 | 32 | 43 | 50 | 51·2 | 11 | 1·9 | 3365·9 | 74·9 | 2154 | 16·8 | 23 | 51·0 |
| Meteor. year. | 8·8 | 66 | 32 | 43 | 51 | 61·6 | 11 | 1·8 | 3388·1 | 75·4 | 2158 | 16·7 | 11 | 51·1 |

* See page 8.

NOTES.—Minimum vapour pressure ... ... ... ... ... ... 0·2 mm. May 6th at 9h p.m. and 7th at 3h a.m. July 13th at 10h, 11h a.m. and 12h of noon.
Maximum „ „ ... ... ... ... ... ... 19·5 mm. August 9th at 1h a.m.
Minimum relative humidity ... ... ... ... ... ... 1% May 6th at 9h p.m. and 7th at 3h a.m. July 13th at 10h, 11h a.m. and 12h of noon.
Maximum „ „ ... ... ... ... ... ... 100% April 9th at 5h a.m.
Of the rainfall ... ... ... ... ... ... ... ... ... 12·6 mm. fell on May 16th.
Maximum evaporation ... ... ... ... ... ... ... 17·2 mm. July 13th.
Minimum standard pressure ... ... ... ... ... ... 743·3 mm. August 21st at 5h and 6h p.m.
Maximum „ „ ... ... ... ... ... 762·8 mm. December 24th at 10h a.m.

## PILOT BALLOON

WIND DIRECTION AT EACH 500 METRES. MEAN WIND VELOCITY

| DATE. | G.M.T. OF STARTING. | HEIGHT ABOVE 130 | 500 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | H. M. | | | | | | | | | | | | | |
| **1913** | | | | | | | | | | | | | | |
| January 3 | 8 26 | N 3 | N 20 E 7 | N 30 E 7 | N 10 E — | — — | — — | — — | — — | — — | — — | — — | — — | — — |
| February 6 | 8 34 | N 40 E 16 | N 40 E 14 | E 30 N 9 | N 40 E 10 | N 30 E 12 | E 40 N 14 | N 40 E 14 | N 30 E — | — — | — — | — — | — — | — — |
| " 7 | 8 13 | E 40 N 12 | E 20 N 8 | E 30 N 16 | E 20 N 5 | E 20 S 8 | E 10 N 17 | E 20 N 8 | E 20 N 9 | E 20 N 9 | E 20 N 16 | E 10 N 14 | E 10 N 17 | E 10 N 12 |
| " 8 | 8 00 | N 40 E 12 | E 40 N 7 | E 20 N 11 | E 30 N 7 | E 40 N 6 | E 30 N 3 | N 30 E 7 | N 40 E 7 | N 30 E 5 | N 10 W 4 | W 40 N 3 | W 10 N 5 | W 30 S 6 |
| March 6 | 11 57 | N 10 W 8 | N 4 | N 10 E 5 | N 40 E — | — — | — — | — — | — — | — — | — — | — — | — — | — — |
| April 4 | 8 29 | N 40 W 6 | W 40 N 6 | W 20 N 9 | W 30 N — | — — | — — | — — | — — | — — | — — | — — | — — | — — |
| May 5 | 8 00 | N 40 E 8 | E 20 N 3 | N 20 E 4 | W 40 N 5 | W 10 N 7 | W 10 N 4 | W 10 N 6 | W 20 N 6 | W 10 N 9 | W 10 S 12 | W 10 N — | — — | — — |
| " 6 | 8 00 | E 20 S 6 | E 20 S 4 | S 30 E 5 | E 20 S 5 | E 20 N 5 | N 20 E 5 | N 30 E 7 | N 30 W 8 | W 30 N 9 | N 30 W 9 | N 40 W 10 | W 30 N 10 | W 10 N 12 |
| " 7 | 8 00 | N 40 W 7 | W 40 N — | — — | — — | — — | — — | — — | — — | — — | — — | — — | — — | — — |
| " 8 | 8 00 | S 30 W 4 | W 40 S 7 | W 10 S 12 | W 10 N 12 | W 10 S 12 | W 10 S 18 | W 10 S — | — — | — — | — — | — — | — — | — — |
| " 9 | 8 00 | N 30 W 6 | N 30 W 4 | N 40 E 3 | W 40 N 9 | W 30 N 11 | W 40 N 14 | W 40 N 19 | W 40 N 26 | W 40 N — | — — | — — | — — | — — |
| " 10 | 8 05 | N 10 W 2 | N 30 E 4 | N 40 E 4 | N 20 W 9 | N 30 W 12 | N 30 W 11 | N 30 W 11 | N 40 W 12 | N 40 W 10 | W 30 N 10 | W 20 N — | — — | — — |
| June 12 | 8 00 | N 20 W 6 | N 10 W 6 | N 10 E 8 | N 8 | N 10 W 5 | W 20 N 6 | W 10 N 5 | W 30 S 6 | S 40 W 11 | S 40 W 10 | W 30 S 15 | W 40 S 20 | S 40 W 21 |
| July 3 | 8 51 | N 10 W 5 | N 10 E 6 | N 10 E 7 | N 20 W 4 | N 10 W 3 | N 20 W 3 | W 40 N 2 | W 30 N 2 | W 5 | W 4 | W 5 | W 10 N 6 | W 20 N 7 |
| August 6 | 8 00 | N 2 | N 4 | N 20 W 5 | W 30 N 6 | N 40 W 9 | W 40 N 8 | W 40 N 11 | W 30 N 11 | W 30 N 11 | W 30 N 13 | W 20 N 13 | W 10 N 14 | W 20 N 16 |
| " 7 | 9 17 | N 30 W 4 | N 30 W 3 | N 40 W — | — — | — — | — — | — — | — — | — — | — — | — — | — — | — — |
| " 8 | 9 17 | W 40 N 6 | N 20 W 5 | N 10 W 5 | N 4 | N 10 W 9 | N 11 | N 10 E 11 | N 40 E 11 | N 10 E 11 | N 10 W 10 | N 10 W 10 | N 12 | N 10 |
| September 4 | 9 15 | N 10 W 7 | N 10 W 5 | N 40 E 7 | N 20 E 8 | N 3 | W 30 S 1 | W 20 S 3 | S 10 W 3 | S 20 W 3 | S 30 W 5 | S 30 W — | — — | — — |
| October 2 | 8 00 | N 6 | N 10 E 5 | N 11 | N 11 | N 12 | N 20 W 15 | N 10 W 10 | N 30 W 6 | N 40 W 5 | W 20 N 6 | W 10 N 6 | W 10 N 8 | W 10 S 9 |
| November 5 | 8 00 | W 2 | W 4 | W 20 N 7 | W 30 N 5 | N 20 E 2 | N 20 W 4 | W 10 N 6 | W 20 N 6 | W 40 N 6 | N 30 W 7 | W 40 N 8 | W 20 N 9 | W 10 N 8 |
| " 6 | 8 00 | S 2 | W 30 N 4 | N 30 W 7 | N 10 W 8 | N 10 W 8 | N 6 | N 20 W 6 | N 40 W 6 | W 40 N 11 | W 30 N 10 | W 40 N 9 | W 40 N 5 | N 20 W 6 |
| " 7 | 7 40 | W 30 N 2 | N 10 E 4 | N 10 E 7 | N 7 | N 6 | N 7 | N 10 W 5 | N 6 | N 30 W 6 | N 30 W 5 | N 20 W 6 | N 40 W 3 | W 30 N 2 |
| December 4 | 8 00 | S 30 W 2 | W 10 N 7 | W 30 N 12 | W 40 N 11 | N 40 W 12 | W 30 N 12 | N 30 W 14 | N 20 W 16 | W 10 N — | — — | — — | — — | — — |

## RESULTS AT HELWAN.

(IN METRES PER SECOND) FOR EACH STRATUM OF 500 METRES.

SEA IN METRES.

| 6500 | | 7000 | | 7500 | | 8000 | | 8500 | | 9000 | | 9500 | | 10000 | | 10500 | | 11000 | | 11500 | | 12000 | | 12500 | | 13000 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| E 10 S | 5 | E 10 S | 9 | E 10 N | 11 | E 10 N | 11 | E 10 N | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| W 20 S | 6 | S 40 W | 9 | W 30 S | 14 | W 10 N | 22 | W 10 N | 25 | W 20 N | 28 | W 20 N | 30 | W 10 N | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| W | 11 | W 10 S | 12 | W | 16 | W 20 N | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| S 40 W | 22 | S 40 W | 30 | S 40 W | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| W | 8 | W 10 S | 8 | W 10 N | 5 | W | 3 | W 20 S | 3 | S | 5 | W 40 S | 4 | W 40 N | 4 | N | 2 | W 30 N | 8 | W 30 N | 12 | W | 17 | W | — | — | — |
| W 10 N | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| N | 15 | N 10 E | 20 | N 10 E | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| W 10 S | 12 | W 10 S | 10 | W 30 S | 10 | W 10 S | 9 | W 10 S | 11 | W 10 S | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| W 20 N | 11 | W 30 N | 12 | N 40 W | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| W 10 N | 8 | W 30 S | 7 | W 10 S | 9 | W 30 S | 9 | W 40 S | 11 | S 40 W | 12 | W 40 S | 15 | W 40 S | 14 | S 40 W | 16 | S 40 W | 16 | S 40 W | 13 | W 30 S | 17 | W 20 S | 23 | W 10 S | — |
| E 40 N | 2 | N | 2 | N 10 W | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

# TERRESTRIAL MAGNETISM.

## Hourly Deviations from the Mean for each Month.

## DECLINATION (Westerly).

(The unit is one minute of arc).

| Month | Hours of observation. 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Midnt. | Number of days utilised | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... ... ... | −0·5 | −0·4 | −0·2 | +0·1 | +0·3 | +0·3 | +0·3 | +0·2 | −0·6 | −1·3 | −0·4 | +0·8 | +1·3 | +1·0 | +0·7 | +0·4 | 0·0 | −0·1 | −0·1 | −0·2 | −0·2 | −0·4 | −0·5 | −0·6 | −0·5 | 31 | 2°20′·5 |
| February ... ... ... ... | −0·7 | −0·4 | −0·2 | −0·1 | +0·1 | +0·2 | +0·2 | +0·4 | −0·3 | −0·8 | −0·7 | −0·1 | +0·7 | +1·0 | +0·9 | +0·6 | +0·3 | +0·2 | +0·3 | 0·0 | −0·1 | −0·5 | −0·5 | −0·6 | −0·6 | 27 | 2°20·6 |
| March ... ... ... ... ... | −0·5 | −0·4 | −0·3 | −0·3 | −0·1 | −0·1 | −0·1 | −0·6 | −1·5 | −1·7 | −1·1 | +0·1 | +1·4 | +2·0 | +1·7 | +1·0 | +0·3 | +0·1 | +0·3 | +0·2 | −0·1 | −0·4 | −0·5 | −0·5 | −0·5 | 30 | 2°20·1 |
| April ... ... ... ... ... | −0·5 | −0·6 | −0·3 | −0·4 | −0·3 | −0·4 | −0·8 | −1·8 | −2·7 | −2·5 | −0·8 | +1·3 | +2·6 | +2·7 | +2·4 | +1·7 | +0·8 | +0·2 | +0·3 | +0·2 | −0·1 | −0·3 | −0·4 | −0·4 | −0·5 | 29 | 2°18·0 |
| May ... ... ... ... ... | −0·4 | −0·4 | −0·4 | −0·4 | −0·4 | −0·7 | −1·0 | −2·5 | −2·5 | −1·5 | +0·1 | +1·8 | +2·5 | +2·5 | +2·1 | +1·5 | +0·8 | +0·4 | +0·4 | +0·4 | +0·1 | −0·1 | −0·2 | −0·3 | −0·4 | 29 | 2°17·5 |
| June ... ... ... ... ... | −0·5 | −0·6 | −0·7 | −0·7 | −0·7 | −1·1 | −2·0 | −3·0 | −2·7 | −1·6 | 0·0 | +1·6 | +2·5 | +2·8 | +2·0 | +2·1 | +1·3 | +0·7 | +0·4 | +0·5 | +0·2 | +0·1 | −0·2 | −0·3 | −0·5 | 30 | 2°17·9 |
| July ... ... ... ... ... | −0·4 | −0·4 | −0·5 | −0·5 | −0·5 | −0·9 | −2·2 | −2·8 | −2·9 | −2·2 | −0·5 | +1·0 | +2·0 | +2·5 | +2·7 | +2·3 | +1·6 | +1·0 | +0·7 | +0·6 | +0·4 | 0·0 | −0·2 | −0·3 | −0·4 | 30 | 2°16·7 |
| August ... ... ... ... | −0·5 | −0·5 | −0·6 | −0·6 | −0·8 | −1·0 | −2·1 | −2·9 | −3·1 | −1·8 | +0·3 | +2·3 | +3·0 | +3·0 | +2·6 | +1·5 | +0·5 | +0·0 | +0·1 | +0·3 | 0·0 | −0·1 | −0·3 | −0·4 | −0·6 | 31 | 2°14·9 |
| September ... ... ... ... | −0·4 | −0·4 | −0·4 | −0·5 | −0·5 | −0·7 | −1·1 | −2·3 | −2·8 | −1·9 | +0·1 | +1·8 | +2·9 | +3·3 | +2·6 | +1·3 | +0·4 | +0·1 | +0·5 | +0·3 | −0·1 | −0·3 | −0·4 | −0·4 | −0·4 | 30 | 2°15·3 |
| October ... ... ... ... | −0·6 | −0·5 | −0·3 | −0·2 | −0·1 | −0·1 | −0·2 | −1·1 | −2·0 | −1·8 | −0·5 | +1·1 | +2·4 | +2·5 | +1·6 | +0·7 | +0·3 | +0·3 | +0·4 | 0·0 | −0·3 | −0·6 | −0·7 | −0·7 | −0·7 | 29 | 2°14·4 |
| November ... ... ... ... | −0·7 | −0·5 | −0·3 | −0·1 | 0·0 | +0·2 | +0·2 | −0·1 | −0·8 | −1·0 | −0·3 | +0·7 | +1·4 | +1·3 | +1·0 | +0·6 | +0·4 | +0·2 | −0·1 | −0·2 | −0·5 | −0·6 | −0·7 | −0·8 | −0·6 | 30 | 2°14·2 |
| December ... ... ... ... | −0·5 | −0·3 | −0·2 | 0·0 | +0·2 | +0·1 | +0·2 | +0·3 | +0·3 | +0·1 | −0·1 | +0·5 | +0·7 | +0·4 | +0·1 | −0·1 | −0·1 | 0·0 | −0·1 | −0·3 | −0·5 | −0·5 | −0·5 | −0·6 | −0·5 | 30 | 2°13·5 |
| **Mean** ... ... ... ... | −0·6 | −0·5 | −0·4 | −0·3 | −0·3 | −0·4 | −0·9 | −1·4 | −1·8 | −1·5 | −0·4 | +1·0 | +1·9 | +2·0 | +1·7 | +1·1 | +0·5 | +0·2 | +0·2 | +0·1 | −0·1 | −0·3 | −0·5 | −0·5 | −0·6 | 30 | 2°17·0 |

Positive values of the deviation signify that the westerly declination is greater than the mean.

## HORIZONTAL INTENSITY.

(The unit is $1\,\gamma = 10^{-5}$ C.G.S. units).

| Month | Hours of observation. 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Midnt. | Number of days utilised | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | | | γ |
| January ... ... ... ... | −3 | −4 | −3 | −2 | −2 | −1 | +2 | +6 | +9 | +9 | +4 | +5 | +8 | +7 | +1 | −2 | −5 | −7 | −6 | −5 | −5 | −6 | −6 | −3 | −4 | 31 | 30029 |
| February ... ... ... ... | −6 | −6 | −4 | −4 | −3 | −2 | +2 | +5 | +10 | +12 | +14 | +14 | +13 | +8 | +3 | −2 | −5 | −5 | −7 | −8 | −8 | −6 | −4 | −5 | −6 | 27 | 30025 |
| March ... ... ... ... ... | −7 | −7 | −7 | −6 | −6 | −5 | −3 | −2 | −1 | +6 | +15 | +20 | +23 | +23 | +18 | +8 | −2 | −8 | −11 | −10 | −9 | −7 | −9 | −7 | −7 | 30 | 30026 |
| April ... ... ... ... ... | −7 | −4 | −5 | −6 | −7 | −6 | −5 | −9 | −9 | 0 | +10 | +21 | +26 | +26 | +19 | +10 | −1 | −9 | −10 | −9 | −9 | −7 | −7 | −6 | −5 | 29 | 30028 |
| May ... ... ... ... ... | −6 | −5 | −3 | −3 | −5 | −4 | −6 | −10 | −12 | −7 | +5 | +17 | +26 | +29 | +25 | +15 | +4 | −8 | −12 | −9 | −7 | −6 | −5 | −4 | −5 | 31 | 30037 |
| June ... ... ... ... ... | −2 | −2 | −3 | −3 | −2 | −3 | −4 | −7 | −9 | −7 | 0 | +10 | +19 | +22 | +18 | +11 | +1 | −7 | −9 | −6 | −5 | −3 | −3 | −2 | −3 | 30 | 30039 |
| July ... ... ... ... ... | −2 | −1 | −1 | −2 | −2 | −2 | −2 | −5 | −9 | −9 | −4 | +5 | +14 | +19 | +17 | +10 | +1 | −6 | −8 | −7 | −4 | −2 | −1 | −1 | −2 | 30 | 30044 |
| August... ... ... ... ... | −1 | −2 | −2 | −1 | −2 | −2 | −2 | −8 | −15 | −17 | −9 | +5 | +15 | +20 | +19 | +14 | +7 | −1 | −5 | −4 | −3 | −1 | −1 | −1 | −1 | 31 | 30041 |
| September ... ... ... ... | −0 | 0 | 0 | +2 | +1 | +1 | +1 | −6 | −12 | −14 | −8 | +2 | +12 | +19 | +17 | +11 | +3 | −4 | −5 | −4 | −3 | −3 | −2 | −2 | −1 | 30 | 30030 |
| October ... ... ... ... | −5 | −3 | −3 | −2 | −1 | 0 | +1 | 0 | −4 | −4 | +3 | +11 | +16 | +16 | +9 | +3 | −3 | −6 | −6 | −5 | −4 | −6 | −5 | −3 | −3 | 29 | 30022 |
| November ... ... ... ... | −4 | −4 | −4 | −4 | −2 | −1 | +2 | +6 | +6 | +8 | +9 | +10 | +11 | +8 | +2 | −4 | −6 | −5 | −7 | −7 | −6 | −6 | −6 | −5 | −4 | 28 | 30027 |
| December ... ... ... ... | −6 | −5 | −5 | −5 | −4 | −2 | 0 | +5 | +9 | +10 | +10 | +10 | +9 | +6 | +2 | −1 | −3 | −7 | −6 | −5 | −5 | −6 | −5 | −5 | −6 | 29 | 30023 |
| **Mean** ... ... ... ... | −4 | −4 | −3 | −3 | −3 | −2 | −1 | −2 | −3 | −1 | +4 | +11 | +16 | +17 | +12 | +6 | −1 | −6 | −8 | −7 | −6 | −5 | −5 | −4 | −4 | 30 | 30031 |

Positive values of the deviation signify that the horizontal intensity is greater than the mean.

# TERRESTRIAL MAGNETISM.

HOURLY DEVIATIONS FROM THE MEAN FOR EACH MONTH.

## VERTICAL INTENSITY.

(The unit is $1\gamma = 10^{-5}$ C.G.S. units).

| Month | Hours of observation. 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Midnt. | Number of days utilised | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | | | γ |
| January | +2 | +1 | 0 | +1 | +1 | +1 | +1 | 0 | +2 | −2 | −7 | −9 | −6 | −3 | −1 | +1 | +3 | +2 | +2 | +2 | +2 | +2 | +2 | +2 | +2 | 31 | 25886 |
| February | +2 | +2 | +1 | +2 | +2 | +2 | +1 | +1 | +1 | −2 | −5 | −8 | −9 | −5 | −1 | +1 | +1 | +1 | +2 | +2 | +2 | +2 | +1 | +2 | +2 | 26 | 25892 |
| March | +2 | +3 | +3 | +3 | +3 | +2 | +2 | +3 | +2 | −5 | −11 | −14 | −14 | −9 | −3 | +2 | +4 | +3 | +2 | +2 | +3 | +2 | +3 | +2 | +2 | 28 | 25886 |
| April | 0 | +3 | +3 | +3 | +3 | +3 | +4 | +6 | +2 | −8 | −17 | −18 | −12 | −4 | +1 | +3 | +5 | +3 | +1 | +1 | +2 | +2 | +1 | +1 | +1 | 29 | 25899 |
| May | +1 | +3 | +2 | +3 | +3 | +4 | +6 | +3 | −1 | −9 | −16 | −16 | −10 | −4 | 0 | +5 | +6 | +5 | +2 | 0 | +1 | +1 | +2 | +1 | +1 | 31 | 25919 |
| June | +3 | +4 | +4 | +4 | +4 | +7 | +7 | +3 | −3 | −9 | −14 | −15 | −12 | −6 | −1 | +4 | +6 | +6 | +4 | +2 | +3 | +3 | +3 | +3 | +3 | 28 | 25926 |
| July | +3 | +4 | +4 | +4 | +4 | +6 | +8 | +5 | +1 | −6 | −13 | −16 | −13 | −8 | −3 | +2 | +5 | +5 | +4 | +2 | +2 | +2 | +3 | +3 | +3 | 28 | 25936 |
| August | +3 | +3 | +3 | +3 | +4 | +4 | +6 | +6 | +1 | −8 | −16 | −18 | −14 | −9 | −2 | +2 | +5 | +4 | +2 | +2 | +2 | +2 | +3 | +3 | +3 | 29 | 25932 |
| September | +3 | +2 | +2 | +2 | +3 | +3 | +5 | +7 | +3 | −6 | −14 | −15 | −14 | −9 | −1 | +4 | +5 | +4 | +2 | +3 | +3 | +3 | +3 | +3 | +3 | 27 | 25934 |
| October | +4 | +2 | +2 | +2 | +2 | +3 | +4 | +6 | +2 | −4 | −12 | −15 | −13 | −5 | +2 | +4 | +4 | +2 | +3 | +3 | +3 | +4 | +3 | +3 | +3 | 27 | 25933 |
| November | +3 | 0 | 0 | 0 | 0 | +1 | +1 | +1 | 0 | −4 | −9 | −11 | −8 | −3 | +1 | +3 | +3 | +3 | +3 | +3 | +3 | +3 | +3 | +3 | +3 | 30 | 25922 |
| December | +2 | 0 | 0 | 0 | +1 | +1 | +1 | −1 | −2 | −3 | −4 | −7 | −4 | −1 | +1 | +3 | +3 | +3 | +4 | +3 | +3 | +3 | +3 | +3 | +3 | 30 | 25930 |
| Mean | +3 | +2 | +2 | +2 | +3 | +3 | +4 | +4 | +1 | −5 | −11 | −13 | −10 | −5 | 0 | +3 | +4 | +4 | +3 | +2 | +3 | +3 | +3 | +3 | +3 | 29 | 25916 |

Positive values of the deviation signify that the vertical intensity is greater than the mean.

## INCLINATION.

(The unit is one minute of arc).

| Month | Hours of observation. 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Midnt. | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | +0·2 | +0·2 | +0·1 | +0·1 | +0·1 | 0·0 | −0·1 | −0·4 | −0·4 | −0·7 | −0·7 | −0·9 | −0·9 | −0·7 | −0·2 | +0·1 | +0·4 | +0·5 | +0·4 | +0·4 | +0·4 | +0·4 | +0·4 | +0·2 | +0·3 | 40° 45′·8 |
| February | +0·5 | +0·5 | +0·3 | +0·4 | +0·4 | +0·3 | 0·0 | −0·2 | −0·5 | −0·8 | −1·1 | −1·3 | −1·3 | −0·7 | −0·2 | +0·3 | +0·4 | +0·4 | +0·6 | +0·6 | +0·6 | +0·5 | +0·3 | +0·5 | +0·5 | 40° 46·3 |
| March | +0·5 | +0·6 | +0·6 | +0·6 | +0·6 | +0·4 | +0·3 | +0·3 | +0·2 | −0·6 | −1·5 | −2·0 | −2·2 | −1·9 | −1·2 | −0·3 | +0·4 | +0·7 | +0·8 | +0·7 | +0·7 | +0·5 | +0·7 | +0·5 | +0·5 | 40° 45·9 |
| April | +0·4 | +0·5 | +0·5 | +0·6 | +0·6 | +0·6 | +0·6 | +0·9 | +0·7 | −0·5 | −1·6 | −2·3 | −2·2 | −1·7 | −0·9 | −0·3 | +0·5 | +0·7 | +0·7 | +0·6 | +0·7 | +0·6 | +0·5 | +0·5 | +0·4 | 40° 46·6 |
| May | +0·5 | +0·6 | +0·4 | +0·4 | +0·6 | +0·6 | +0·8 | +0·8 | +0·7 | −0·1 | −1·3 | −1·9 | −2·1 | −1·9 | −1·4 | −0·5 | +0·2 | +0·8 | +0·9 | +0·6 | +0·5 | +0·5 | +0·5 | +0·4 | +0·4 | 40° 47·4 |
| June | +0·3 | +0·4 | +0·4 | +0·4 | +0·4 | +0·6 | +0·7 | +0·6 | +0·3 | −0·2 | −0·9 | −1·6 | −1·9 | −1·6 | −1·1 | −0·3 | +0·4 | +0·8 | +0·7 | +0·5 | +0·5 | +0·4 | +0·4 | +0·3 | +0·4 | 40° 47·8 |
| July | +0·3 | +0·3 | +0·3 | +0·3 | +0·3 | +0·5 | +0·6 | +0·6 | +0·5 | +0·1 | −0·6 | −1·3 | −1·6 | −1·6 | −1·2 | −0·4 | +0·3 | +0·7 | +0·7 | +0·5 | +0·3 | +0·2 | +0·2 | +0·2 | +0·3 | 40° 48·2 |
| August | +0·3 | +0·3 | +0·3 | +0·3 | +0·3 | +0·3 | +0·5 | +0·8 | +0·9 | +0·4 | −0·5 | −1·5 | −1·8 | −1·7 | −1·2 | −0·7 | −0·1 | +0·3 | +0·4 | +0·3 | +0·3 | +0·2 | +0·3 | +0·3 | +0·3 | 40° 48·1 |
| September | +0·2 | +0·1 | +0·1 | +0·1 | +0·2 | +0·2 | +0·3 | +0·8 | +0·9 | +0·5 | −0·4 | −1·0 | −1·5 | −1·6 | −1·0 | −0·3 | +0·2 | +0·5 | +0·5 | +0·5 | +0·4 | +0·4 | +0·3 | +0·3 | +0·3 | 40° 48·8 |
| October | +0·6 | +0·3 | +0·3 | +0·3 | +0·2 | +0·2 | +0·2 | +0·4 | +0·4 | 0·0 | −0·9 | −1·6 | −1·7 | −1·2 | −0·3 | +0·1 | +0·4 | +0·5 | +0·6 | +0·5 | +0·4 | +0·6 | +0·5 | +0·4 | +0·4 | 40° 49·2 |
| November | +0·5 | +0·3 | +0·3 | +0·3 | +0·2 | +0·2 | 0·0 | −0·2 | −0·3 | −0·7 | −1·1 | −1·3 | −1·1 | −0·6 | 0·0 | +0·5 | +0·5 | +0·5 | +0·6 | +0·6 | +0·5 | +0·5 | +0·5 | +0·5 | +0·5 | 40° 48·2 |
| December | +0·4 | +0·3 | +0·3 | +0·3 | +0·3 | +0·1 | +0·1 | −0·4 | −0·6 | −0·8 | −0·8 | −1·0 | −0·8 | −0·4 | −0·1 | +0·2 | +0·3 | +0·6 | +0·6 | +0·4 | +0·4 | +0·5 | +0·4 | +0·4 | +0·5 | 40° 49·0 |
| Mean | +0·4 | +0·4 | +0·3 | +0·4 | +0·4 | +0·3 | +0·3 | +0·3 | +0·2 | −0·3 | −0·9 | −1·5 | −1·6 | −1·3 | −0·7 | −0·1 | +0·3 | +0·6 | +0·6 | +0·5 | +0·5 | +0·4 | +0·4 | +0·4 | +0·4 | 40° 47·6 |

Positive values of the deviation signify that the inclination is greater than the mean.

# TERRESTRIAL MAGNETISM.

## Hourly deviations from the mean for each month.

## NORTHERLY COMPONENT OF THE MAGNETIC INTENSITY.

(The unit is 1 $\gamma = 10^{-5}$ C.G.S. units.)

| Month | Hours of observation. | | | | | | | | | | | | | | | | | | | | | | | | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Midnt | |
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | | γ |
| January | −3 | −4 | −3 | −2 | −2 | −1 | +2 | +6 | +9 | +9 | +4 | +4 | +8 | +6 | +1 | −2 | −5 | −7 | −6 | −5 | −5 | −6 | −6 | −3 | −4 | 30004 |
| February | −6 | −6 | −4 | −4 | −3 | −2 | +2 | +5 | +10 | +12 | +14 | +14 | +12 | +8 | +3 | −3 | −5 | −5 | −7 | −8 | −8 | −6 | −4 | −5 | −6 | 30000 |
| March | −7 | −7 | −7 | −6 | −6 | −5 | −3 | −2 | 0 | +7 | +15 | +20 | +22 | +22 | +18 | +7 | −2 | −8 | −11 | −10 | −9 | −7 | −9 | −7 | −7 | 30001 |
| April | −7 | −4 | −5 | −6 | −7 | −6 | −5 | −8 | −8 | +1 | +10 | +20 | +25 | +25 | +18 | +9 | −1 | −9 | −10 | −9 | −9 | −7 | −7 | −6 | −5 | 30004 |
| May | −6 | −5 | −3 | −3 | −5 | −3 | −5 | −10 | −12 | −6 | +5 | +16 | +25 | +28 | +24 | +14 | +3 | −8 | −12 | −9 | −7 | −6 | −5 | −4 | −5 | 30013 |
| June | −2 | −2 | −3 | −3 | −2 | −3 | −3 | −6 | −8 | −7 | 0 | +9 | +18 | +21 | +17 | +10 | 0 | −7 | −9 | −6 | −5 | −3 | −3 | −2 | −3 | 30015 |
| July | −1 | −1 | −1 | −1 | −1 | −1 | −1 | −4 | −8 | −8 | −4 | +5 | +14 | +18 | +16 | +9 | +1 | −6 | −8 | −7 | −4 | −1 | −1 | −1 | −1 | 30020 |
| August | −1 | −2 | −2 | −1 | −2 | −2 | −1 | −7 | −14 | −17 | −10 | +4 | +14 | +19 | +18 | +14 | +7 | −1 | −6 | −4 | −3 | −1 | −1 | −1 | −1 | 30018 |
| September | +1 | +1 | +1 | +2 | +1 | +1 | +1 | −6 | −11 | −14 | −8 | +1 | +11 | +15 | +16 | +10 | +3 | −4 | −6 | −4 | −4 | −4 | −2 | −2 | −1 | 30007 |
| October | −5 | −3 | −3 | −2 | 0 | 0 | +1 | 0 | −3 | −3 | +3 | +11 | +15 | +15 | +9 | +2 | −3 | −6 | −6 | −5 | −4 | −6 | −5 | −3 | −3 | 29999 |
| November | −4 | −4 | −4 | −4 | −2 | −1 | +2 | +6 | +6 | +8 | +9 | +10 | +10 | +8 | +1 | −4 | −5 | −5 | −7 | −7 | −5 | −5 | −5 | −5 | −4 | 30004 |
| December | −6 | −5 | −5 | −5 | −4 | −1 | 0 | +5 | +9 | +10 | +10 | +10 | +9 | +6 | +2 | −1 | −3 | −7 | −6 | −5 | −5 | −6 | −5 | −4 | −6 | 30000 |
| **Mean** | −4 | −3 | −3 | −3 | −3 | −2 | −1 | −2 | −2 | −1 | +4 | +10 | +15 | +16 | +12 | +5 | −1 | −6 | −8 | −7 | −6 | −5 | −4 | −3 | −4 | 30007 |

Positive values of the deviation signify that the northerly component is greater than the mean.

## WESTERLY COMPONENT OF THE MAGNETIC INTENSITY.

(The unit is 1 $\gamma = 10^{-5}$ C.G.S. units.)

| Month | Hours of observation. | | | | | | | | | | | | | | | | | | | | | | | | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Midnt | |
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | | γ |
| January | −5 | −4 | −2 | +1 | +2 | +3 | +3 | +2 | −5 | −11 | −3 | +7 | +12 | +9 | +6 | +3 | 0 | −1 | −1 | −2 | −2 | −4 | −5 | −5 | −5 | 1227 |
| February | −7 | −4 | −2 | −1 | 0 | +1 | +1 | +3 | −3 | −7 | −6 | −1 | +6 | +9 | +8 | +5 | +2 | +1 | +2 | −1 | −2 | −5 | −5 | −6 | −6 | 1228 |
| March | −4 | −3 | −3 | −3 | −1 | −1 | −1 | −5 | −13 | −14 | −9 | +2 | +13 | +19 | +16 | +9 | +3 | +1 | +2 | +2 | −1 | −3 | −4 | −4 | −4 | 1223 |
| April | −5 | −5 | −3 | −4 | −3 | −4 | −7 | −16 | −24 | −22 | −7 | +12 | +24 | +25 | +22 | +15 | +7 | +1 | +2 | +1 | −1 | −3 | −4 | −4 | −5 | 1205 |
| May | −4 | −4 | −4 | −4 | −4 | −6 | −17 | −22 | −22 | −13 | +1 | +16 | +23 | +23 | +19 | +14 | +7 | +3 | +3 | +3 | +1 | −1 | −2 | −3 | −4 | 1201 |
| June | −5 | −6 | −7 | −7 | −7 | −10 | −23 | −27 | −24 | −15 | 0 | +14 | +22 | +25 | +23 | +18 | +11 | +5 | +3 | +4 | +1 | 0 | −2 | −3 | −5 | 1205 |
| July | −4 | −4 | −5 | −5 | −5 | −9 | −20 | −25 | −26 | −20 | −5 | +8 | +17 | +22 | +24 | +20 | +13 | +8 | +5 | +4 | +3 | −1 | −2 | −3 | −4 | 1165 |
| August | −4 | −4 | −5 | −5 | −7 | −8 | −18 | −25 | −27 | −16 | +3 | +21 | +27 | +28 | +24 | +14 | +5 | +1 | +1 | +3 | 0 | 0 | −2 | −3 | −5 | 1178 |
| September | −4 | −4 | −4 | −5 | −5 | −6 | −10 | −21 | −25 | −18 | 0 | +15 | +25 | +29 | +23 | +11 | +3 | 0 | +4 | +2 | −1 | −3 | −4 | −4 | −4 | 1182 |
| October | −5 | −4 | −2 | −1 | 0 | 0 | −1 | −9 | −17 | −15 | −4 | +10 | +22 | +23 | +15 | +7 | +3 | +3 | +4 | 0 | −2 | −5 | −6 | −6 | −6 | 1173 |
| November | −6 | −5 | −3 | −1 | 0 | +2 | +2 | −1 | −7 | −9 | −2 | +6 | +13 | +12 | +9 | +5 | +3 | +1 | −1 | −2 | −5 | −6 | −6 | −7 | −6 | 1172 |
| December | −4 | −2 | −1 | 0 | +2 | +1 | +2 | +3 | +4 | +2 | 0 | +5 | +7 | +4 | +2 | 0 | 0 | 0 | 0 | −2 | −4 | −4 | −4 | −5 | −4 | 1165 |
| **Mean** | −5 | −4 | −3 | −3 | −2 | −3 | −7 | −12 | −16 | −13 | −2 | +10 | +18 | +19 | +16 | +10 | +5 | +2 | +2 | +1 | −1 | −3 | −4 | −4 | −5 | 1196 |

Positive values of the deviation signify that the westerly component is greater than the mean.

# TERRESTRIAL MAGNETISM.

## DECLINATION (Westerly).

### Daily Means.

2° +

**1913.**

(The unit is one minute of arc).

| DAYS | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ′ | ′ | ′ | ′ | ′ | ′ | ′ | ′ | ′ | ′ | ′ | |
| 1 | 21·0 | 20·5 | 20·7 | 18·4 | 17·9 | 17·9 | 17·1 | 15·4 | 15·8 | 14·9 | 14·5 | 13·9 |
| 2 | 21·0 | 21·1 | 20·6 | 18·6 | 17·9 | 17·4 | 16·9 | 15·0 | 15·8 | 15·1 | 14·4 | 14·1 |
| 3 | 20·6 | 20·7 | 20·6 | 18·4 | 18·1 | 17·9 | 17·4 | 14·9 | 15·8 | 14·7 | 14·4 | 13·8 |
| 4 | 20·3 | 20·8 | 20·2 | 18·5 | 17·5 | 17·5 | 16·5 | 15·4 | 15·6 | 14·9 | 14·3 | 13·7* |
| 5 | 20·7 | 20·8 | 19·9 | 18·3 | 17·1 | 17·6 | 16·9 | 15·3 | 15·9 | 14·3* | 14·3 | 13·7 |
| 6 | 20·8 | 20·9 | 20·4 | 18·2 | 17·1 | 18·1 | 17·0 | 15·0 | 15·7 | 14·6* | 14·3 | 13·6 |
| 7 | 20·8 | 20·8 | 19·8 | 18·7 | 17·3 | 17·9 | 16·7 | 15·1 | 15·6 | 14·3 | 14·2 | 13·8 |
| 8 | 20·7 | 20·7 | 20·5 | 18·5 | 17·4 | 18·0 | 17·1 | 14·7 | 15·6 | 14·4 | 13·8 | 13·6 |
| 9 | 21·0 | 20·8 | 19·7 | 18·2* | 17·5 | 17·8 | 17·0 | 14·8 | 15·2 | 14·2 | 14·0 | 13·6 |
| 10 | 20·4 | 20·8 | 20·5 | 17·6 | 17·5 | 17·5 | 16·9 | 14·5 | 15·2 | 14·5 | 14·4 | 13·8 |
| 11 | 20.4 | 20·9 | 20·3 | 17·4 | 17·4 | 17·7 | 16·7 | 15·1 | 15·0 | 14·9 | 14·5 | 13·4 |
| 12 | 20·4 | 20·9 | 20·3 | 17·9 | 17·5 | 17·8 | 16·6* | 14·8 | 15·3 | 14·4 | 14·4 | 13·6 |
| 13 | 20·7 | 20·8 | 20·7 | 17·8 | 17·4 | 18·0 | 16·3 | 14·8 | 15·2 | 14·3 | 14·2 | 13·3 |
| 14 | 20·6 | 20·8* | 20·1* | 18·0 | 17·5 | 18·2 | 16·5 | 15·1 | 15·3 | 14·3 | 14·1 | 13·5 |
| 15 | 20·4 | 20·2 | 19·7 | 17·6 | 17·8 | 17·8 | 16·7 | 15·1 | 15·9 | 14·4 | 14·0 | 13·3 |
| 16 | 20·8 | 20·3 | 19·5 | 17·8 | 17·3 | 17·8 | 16·4 | 14·8 | 15·1 | 14·6 | 14·0 | 13·3 |
| 17 | 20·6 | 20·2 | 19·8 | 18·2 | 17·3 | 18·1 | 16·5 | 14·7 | 15·3 | 14·4 | 14·5 | 13·4 |
| 18 | 20·4 | 20·3 | 19·6 | 17·7 | 18·0 | 18·3 | 17·0 | 14·9 | 15·5 | 14·3 | 14·3 | 13·5 |
| 19 | 20·2 | 20·5 | 19·8 | 17·8 | 17·7 | 18·2 | 16·6 | 14·7 | 15·3 | 13·8 | 14·3 | 13·5 |
| 20 | 20·2 | 20·4 | 19·9 | 17·7 | 18·0 | 18·1 | 16·8 | 15·0 | 15·0 | 14·4 | 14·4 | 13·0 |
| 21 | 20·4 | 20·6 | 19·9 | 18·1 | 17·5 | 18·3 | 16·5 | 14·8 | 15·3 | 14·2 | 14·0 | 13·4 |
| 22 | 20·3 | 20·4 | 19·8 | 17·9 | 17·4 | 18·0 | 16·8 | 15·2 | 15·2 | 14·3 | 14·0 | 13·2 |
| 23 | 20·3 | 20·6 | 20·0 | 18·0 | 17·7 | 17·8 | 16·4 | 15·0 | 14·7 | 14·2 | 14·1 | 13·5 |
| 24 | 20·2 | 20·4 | 19·9 | 18·2 | 17·9 | 18·2 | 17·0 | 14·8 | 15·2 | 14·3 | 14·2 | 13·4 |
| 25 | 20·2 | 20·7 | 20·1 | 18·0 | 17·4 | 17·8 | 16·7 | 14·7 | 15·5 | 14·2 | 14·0 | 13·3 |
| 26 | 20·4 | 20·2 | 19·7 | 17·8 | — | 18·1 | 16·5 | 14·7 | 15·5 | 14·1 | 14·2 | 13·0 |
| 27 | 20·4 | 20·6 | 20·3 | 18·2 | — | 18·0 | 16·4 | 14·7 | 15·1 | 14·2 | 13·9 | 12·9 |
| 28 | 20·3 | 20·5 | 20·1 | 17·4 | 17·5 | 18·3 | 16·5 | 14·4 | 15·0 | 14·2 | 13·8 | 13·2 |
| 29 | 20·4 | — | 19·8 | 17·5 | 17·6 | 17·7 | 16·7 | 14·3 | 15·0 | 14·2 | 13·7 | 13·1 |
| 30 | 20·2 | — | 19·8 | 17·6 | 17·3 | 17·4 | 16·7 | 14·5 | 15·0 | 14·3 | 13·9 | 13·5 |
| 31 | 20·5 | — | 19·9 | — | 17·2 | — | 16·4 | 14·7 | — | 13·9 | — | 13·2 |
| Mean | 20·5 | 20·6 | 20·1 | 18·0 | 17·5 | 17·9 | 16·7 | 14·9 | 15·4 | 14·4 | 14·2 | 13·5 |

* These days were disturbed.

## TERRESTRIAL MAGNETISM.

### HORIZONTAL INTENSITY.

DAILY MEANS.

29900 γ +

**1913.**

(1 γ = $10^{-5}$ C. G. S. units).

| DAYS | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 143 | 124 | 132 | 121 | 134 | 141 | 142 | 147 | 150 | 135 | 118 | 128 |
| 2 | 143 | 130 | 134 | 122 | 135 | 125 | 139 | 151 | 133 | 136 | 108 | 123 |
| 3 | 122 | 150 | 134 | 135 | 140 | 125 | 141 | 147 | 133 | 137 | 113 | 124 |
| 4 | 122 | 137 | 125 | 134 | 136 | 127 | 144 | 151 | 133 | 137 | 118 | 119* |
| 5 | 128 | 130 | 125 | 130 | 123 | 130 | 147 | 144 | 140 | 119* | 128 | 111 |
| 6 | 130 | 137 | 129 | 139 | 122 | 134 | 150 | 144 | 137 | 103* | 123 | 120 |
| 7 | 130 | 125 | 124 | 144 | 121 | 134 | 150 | 138 | 131 | 105 | 117 | 129 |
| 8 | 137 | 129 | 139 | 143 | 129 | 140 | 148 | 136 | 125 | 107 | 117 | 123 |
| 9 | 137 | 127 | 133 | 112* | 130 | 141 | 147 | 139 | 122 | 110 | 118 | 124 |
| 10 | 121 | 128 | 140 | 96 | 127 | 140 | 148 | 132 | 127 | 112 | 128 | 125 |
| 11 | 124 | 134 | 135 | 114 | 128 | 141 | 144 | 138 | 120 | 114 | 134 | 122 |
| 12 | 130 | 133 | 135 | 114 | 133 | 143 | 151* | 140 | 126 | 117 | 133 | 129 |
| 13 | 134 | 130 | 136 | 111 | 132 | 144 | 143 | 132 | 124 | 117 | 131 | 125 |
| 14 | 139 | 116* | 127* | 113 | 139 | 146 | 143 | 135 | 131 | 119 | 127 | 126 |
| 15 | 129 | 110 | 112 | 118 | 140 | 141 | 144 | 141 | 133 | 127 | 129 | 125 |
| 16 | 130 | 115 | 112 | 119 | 134 | 143 | 141 | 132 | 131 | 124 | 136 | 127 |
| 17 | 129 | 116 | 111 | 124 | 137 | 135 | 141 | 136 | 131 | 122 | 137 | 123 |
| 18 | 129 | 119 | 116 | 121 | 152 | 138 | 148 | 135 | 138 | 121 | 137 | 127 |
| 19 | 117 | 119 | 117 | 125 | 145 | 139 | 144 | 133 | 133 | 98 | — | 121 |
| 20 | 119 | 121 | 120 | 132 | 142 | 143 | 136 | 139 | 132 | 111 | — | 120 |
| 21 | 120 | 126 | 121 | 139 | 138 | 139 | 139 | 140 | 134 | 120 | 133 | 126 |
| 22 | 127 | 124 | 117 | 136 | 142 | 139 | 142 | 147 | 123 | 123 | 135 | 123 |
| 23 | 124 | 126 | 131 | 137 | 145 | 137 | 140 | 146 | 118 | 125 | 137 | 125 |
| 24 | 128 | 126 | 125 | 137 | 144 | 146 | 143 | 140 | 131 | 126 | 130 | 124 |
| 25 | 130 | 118 | 125 | 136 | 139 | 149 | 146 | 142 | 134 | 123 | 132 | 120 |
| 26 | 127 | 128 | 131 | 140 | 142 | 148 | 137 | 148 | 131 | 123 | 131 | 112 |
| 27 | 131 | 121 | 132 | 142 | 147 | 148 | 142 | 146 | 127 | 130 | 126 | 118 |
| 28 | 134 | 120 | 132 | 132 | 147 | 148 | 150 | 144 | 127 | 134 | 122 | 116 |
| 29 | 131 | — | 123 | 126 | 143 | 136 | 148 | 141 | 129 | 135 | 120 | 121 |
| 30 | 125 | — | 121 | 127 | 143 | 132 | 143 | 143 | 128 | 129 | 126 | — |
| 31 | 122 | — | 123 | — | 151 | — | 146 | 147 | — | 123 | — | 121 |
| Mean | 129 | 125 | 126 | 127 | 137 | 139 | 144 | 141 | 130 | 121 | 127 | 123 |

* These days were disturbed.

# TERRESTRIAL MAGNETISM.

## VERTICAL INTENSITY.

### Daily Means.

25800 γ +

**1913.**

(1 γ = $10^{-5}$ C. G. S. units).

| DAYS | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 86 | 90 | 86 | 91 | 116 | 120 | 137 | 132 | 130 | 136 | 127 | 115 |
| 2 | 86 | 86 | 84 | 89 | 115 | 127 | 137 | 123 | 133 | 134 | 127 | 117 |
| 3 | 87 | 89 | 83 | 86 | 116 | 126 | 133 | — | 134 | 136 | 131 | 116 |
| 4 | 89 | 86 | 81 | 89 | 120 | 125 | 137 | — | 133 | 140 | 129 | 120* |
| 5 | 88 | 89 | 79 | 86 | 121 | — | — | 128 | 131 | 139* | 125 | 119 |
| 6 | 86 | 86 | 81 | 90 | 114 | — | — | 132 | 133 | 143* | 128 | 119 |
| 7 | 88 | 91 | 79 | 90 | 112 | 125 | 136 | 132 | 133 | 145 | 130 | 117 |
| 8 | 86 | 85 | 76 | 90 | 116 | 125 | 136 | 135 | 135 | 143 | 130 | 120 |
| 9 | 85 | 90 | 78 | 97* | 116 | 130 | 138 | 133 | — | 142 | 128 | 119 |
| 10 | 88 | 92 | 80 | 100 | 118 | 127 | 135 | 133 | — | 143 | 128 | 119 |
| 11 | 88 | 92 | 78 | 97 | 115 | 125 | 138 | 136 | 135 | 142 | 126 | 119 |
| 12 | 88 | 92 | 77 | 97 | 115 | 125 | 134* | 135 | 134 | 140 | 124 | 121 |
| 13 | 84 | 92 | 81 | 100 | 118 | 128 | 138 | 135 | 135 | 137 | 122 | 121 |
| 14 | 83 | 98* | 80* | 102 | 118 | 131 | 137 | 131 | 136 | 139 | 121 | 125 |
| 15 | 86 | 97 | 86 | 101 | 117 | 129 | 139 | 135 | 138 | 137 | 121 | 126 |
| 16 | 86 | 95 | 85 | 98 | 118 | 130 | 140 | 135 | 138 | 135 | 121 | 127 |
| 17 | 87 | 99 | 87 | 100 | 120 | 131 | 137 | 133 | 138 | 135 | 120 | 129 |
| 18 | 84 | 97 | 87 | 100 | 118 | 128 | 137 | 131 | 134 | 135 | 119 | 131 |
| 19 | 87 | 96 | 88 | 100 | 123 | 126 | 134 | 130 | 133 | 136 | 120 | 132 |
| 20 | 84 | 97 | 88 | 99 | 121 | 121 | 141 | 128 | 132 | 132 | 120 | 138 |
| 21 | 87 | — | 89 | 96 | 123 | 127 | 137 | 129 | 132 | 129 | 118 | 142 |
| 22 | 86 | 93 | 90 | 98 | 122 | 125 | 131 | 131 | 131 | 127 | 119 | 145 |
| 23 | 84 | 93 | 93 | 102 | 117 | 125 | 132 | 130 | 133 | 127 | 117 | 144 |
| 24 | 86 | 92 | 92 | 104 | 124 | 124 | 136 | 132 | 133 | 126 | 118 | 144 |
| 25 | 85 | 95 | — | 107 | 126 | 124 | 136 | 133 | 132 | 123 | 115 | 145 |
| 26 | 85 | 92 | — | 106 | 127 | 127 | 134 | 130 | 133 | 122 | 114 | 145 |
| 27 | 84 | 91 | 93 | 104 | 124 | 122 | 137 | 132 | 136 | 122 | 115 | 146 |
| 28 | 84 | 91 | 92 | 107 | 122 | 128 | 138 | 132 | 137 | 120 | 114 | 146 |
| 29 | 85 | — | 94 | 111 | 119 | 127 | 136 | 132 | — | 119 | 116 | 146 |
| 30 | 87 | — | 94 | 116 | 117 | 128 | 138 | 129 | 135 | — | 117 | 143 |
| 31 | 86 | — | 95 | — | 119 | — | 136 | 129 | — | — | — | 144 |
| Mean | 86 | 92 | 85 | 98 | 119 | 126 | 136 | 132 | 134 | 134 | 122 | 130 |

* These days were disturbed.

## MEAN MONTHLY VALUES OF THE MAGNETIC ELEMENTS.

| 1913. | Declination W. | Dip. | Horizontal intensity, c.g.s. units. | Vertical intensity, c.g.s. units. | Northerly components, c.g.s. units. | Westerly components, c.g.s. units. | Total intensity, c.g.s. units. |
|---|---|---|---|---|---|---|---|
| January ... ... ... ... ... ... ... ... | 2° 20'·5 | 40° 45'·8 | 0·30029 | 0·25886 | 0·30004 | 0·01227 | 0·39646 |
| February ... ... ... ... ... ... ... ... | 2 20·6 | 40 46·3 | 0·30025 | 0·25892 | 0·30000 | 0·01228 | 0·39647 |
| March ... ... ... ... ... ... ... ... ... | 2 20·1 | 40 45·9 | 0·30026 | 0·25886 | 0·30001 | 0·01223 | 0·39644 |
| April ... ... ... ... ... ... ... ... ... | 2 18·0 | 40 46·6 | 0·30028 | 0·25899 | 0·30004 | 0·01205 | 0·39653 |
| May ... ... ... ... ... ... ... ... ... | 2 17·5 | 40 47·4 | 0·30037 | 0·25919 | 0·30013 | 0·01201 | 0·39674 |
| June ... ... ... ... ... ... ... ... ... | 2 17·9 | 40 47·8 | 0·30039 | 0·25926 | 0·30015 | 0·01205 | 0·39681 |
| July ... ... ... ... ... ... ... ... ... | 2 16·7 | 40 48·2 | 0·30044 | 0·25936 | 0·30020 | 0·01195 | 0·39691 |
| August ... ... ... ... ... ... ... ... | 2 14·9 | 40 48·1 | 0·30041 | 0·25932 | 0·30018 | 0·01178 | 0·39685 |
| September ... ... ... ... ... ... ... ... | 2 15·3 | 40 48·8 | 0·30030 | 0·25934 | 0·30007 | 0·01182 | 0·39678 |
| October ... ... ... ... ... ... ... ... | 2 14·4 | 40 49·2 | 0·30022 | 0·25933 | 0·29999 | 0·01173 | 0·39672 |
| November ... ... ... ... ... ... ... ... | 2 14·2 | 40 48·2 | 0·30027 | 0·25922 | 0·30004 | 0·01172 | 0·39668 |
| December ... ... ... ... ... ... ... ... | 2 13·5 | 40 49·0 | 0·30023 | 0·25930 | 0·30000 | 0·01165 | 0·39671 |
| MEAN... ... ... ... ... ... | 2 17·0 | 40 47·6 | 0·30031 | 0·25916 | 0·30007 | 0·01196 | 0·39668 |

## TERRESTRIAL MAGNETISM.

### Description of Principal Magnetic Disturbances during 1913.

In the following table will be found the maximum and minimum values of the magnetic elements during disturbances, and notices of any remarkable features. The selection of days to be included in this list was made by examining the horizontal intensity curves, as these show the largest variations. Disturbed days with a range of more than 100 γ in the horizontal intensity are included.

Westerly declinations are considered positive.

γ = 0·00001 c.g.s. units.

| Horizontal Intensity. | Vertical Intensity. | Declination. |
|---|---|---|
| | **February 14.** | |
| Maximum 0·30062 at 9 h. 29 m.<br>Minimum 0·29953 at 15 h. 48 m.<br>Range 109 γ. | Maximum 0·25915 at 15 h. 49 m.<br>Minimum 0·25885 at 11 h. 50 m.<br>Range 30 γ. | Maximum 2° 24′·0 at 12 h. 47 m.<br>Minimum 2° 17′·5 at 16 h. 18 m.<br>Range 6′.5. |
| | **March 14.** | |
| Maximum 0·30068 at 6 h. 34 m.<br>Minimum 0·29963 at 16 h. 04 m.<br>Range 105 γ. | Maximum 0·25904 at 15 h. 58 m.<br>Minimum 0·25860 at 12 h. 05 m.<br>Range 44 γ. | Maximum 2° 23′·5 at 14 h. 29 m.<br>Minimum 2° 18′·0 at 23 h. 00 m.<br>Range 5′·5. |
| | **April 9.** | |
| Maximum 0·30078 at 13 h. 51 m.<br>Minimum 0·29929 at 19 h. 48 m.<br>Range 149 γ. | Maximum 0·25915 at 17 h. 09 m.<br>Minimum 0·25868 at 11 h. 26 m.<br>Range 47 γ. | Maximum 2° 24′·0 at 14 h. 48 m.<br>Minimum 2° 14′·0 at 21 h. 20 m.<br>Range 10′·0. |

## ATMOSPHERIC ELECTRICITY.

POTENTIAL GRADIENT IN THE OPEN—DEVIATION FROM THE MEAN.

| MONTH. | HOURS OF OBSERVATION. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | N° of days included | Mean Volts |
| **1913** | | | | | | | | | | | | | | |
| January ... ... ... ... ... ... | −25 | −32 | −46 | −56 | −22 | +47 | +41 | 0 | + 4 | +16 | +43 | +26 | 14 | 164 |
| February ... ... ... ... ... ... | −17 | −41 | −53 | −61 | +22 | +34 | +13 | +22 | + 6 | +20 | +51 | + 8 | 19 | 144 |
| March ... ... ... ... ... ... ... | − 2 | −19 | −32 | −29 | +35 | +30 | − 5 | − 5 | −17 | − 7 | +26 | +21 | 21 | 163 |
| April ... ... ... ... ... ... ... | −19 | −30 | −40 | −42 | +15 | +21 | −13 | +11 | +28 | +32 | +37 | + 4 | 26 | 165 |
| May ... ... ... ... ... ... ... | − 9 | −28 | −41 | −35 | +29 | +16 | − 4 | + 4 | +10 | + 4 | +33 | +17 | 27 | 165 |
| June ... ... ... ... ... ... ... | +18 | +19 | + 2 | − 7 | + 8 | + 7 | −11 | −14 | −15 | −27 | + 2 | +15 | 25 | 186 |
| July ... ... ... ... ... ... ... | +40 | − 1 | −23 | −28 | + 9 | + 6 | + 6 | − 8 | −22 | −34 | + 4 | +45 | 26 | 212 |
| August ... ... ... ... ... ... ... | +28 | − 1 | −27 | −45 | −25 | + 9 | +12 | − 2 | + 1 | −16 | +25 | +43 | 23 | 195 |
| September ... ... ... ... ... ... | − 1 | −27 | −21 | −30 | −10 | 0 | + 1 | − 3 | + 8 | − 1 | +42 | +36 | 27 | 192 |
| October... ... ... ... ... ... ... | 0 | −33 | −23 | −36 | − 4 | +23 | + 7 | −16 | − 9 | +25 | +53 | +17 | 25 | 169 |
| November ... ... ... ... ... ... | −10 | −24 | −46 | −52 | +20 | +61 | + 2 | −16 | − 8 | + 5 | +39 | +31 | 21 | 173 |
| December ... ... ... ... ... ... | −15 | −37 | −48 | −44 | −18 | +29 | +26 | +29 | +29 | +16 | + 1 | +30 | 13 | 139 |
| MEAN... ... ... ... ... | − 1 | −21 | −33 | −38 | + 5 | +24 | + 6 | 0 | + 2 | + 3 | +30 | +25 | 22 | 172 |

Note.—The potential gradient is in volts per metre. Positive values of the deviation signify that the potential gradient is greater than the mean.

# MONTHLY BULLETINS.

# ALEXANDRIA (Kôm el Nadûra).

$\varphi$ = 31° 11′ 36″ N.  $\lambda$ = 29° 53′ 10″ E.  H = 32·0 m.  $h_t$ = 1·7 m.  $h_r$ = 2·0 m.

$C_h$ = + 3 mm.

## January 1913.

| Date | Standard Pressure (mm.) 700 + | | | AIR TEMPERATURE (°C) | | | | | Relative Humidity (per cent) | | | Vapour Pressure (mm.) | | | Clouds Amount (0-10) | | | WIND DIRECTION AND VELOCITY (kilometres per hour) | | | | | | Rain in 24 hours | Evaporation in 24 hours |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | 8 h. Vel. | 14 h. Direct. | 14 h. Vol. | 20 h. Direct. | 20 h. Vel. | (mm.) | (mm.) |
| 1 | 64·6 | 61·8 | 62·3 | 19·7 | 13·2 | 14·2 | 16·8 | 15·2 | 88 | 55 | 54 | 10·6 | 7·8 | 7·0 | 10 | 10 | 5 | SW | 8 | W | 34 | NNW | 32 | 1·2 | 2·8 |
| 2 | 63·3 | 63·1 | 64·2 | 17·3 | 14·0 | 14·6 | 16·4 | 15·0 | 56 | 49 | 64 | 7·0 | 6·8 | 8·1 | 6 | 5 | 6 | N | 12 | N | 12 | N | 5 | 0·0 | 1·4 |
| 3 | 65·4 | 65·0 | 66·2 | 18·7 | 11·1 | 12·4 | 16·6 | 13·2 | 85 | 53 | 65 | 8·9 | 7·4 | 7·3 | 10 | 3 | 0 | Calm | 0 | Calm | 1 | Calm | 2 | 0·0 | 1·0 |
| 4 | 66·0 | 64·5 | 65·1 | 18·8 | 10·8 | 14·0 | 17·8 | 14·4 | 71 | 66 | 84 | 8·5 | 10·0 | 10.2 | 10 | 5 | 0 | Calm | 0 | NE | 5 | N | 5 | 0·0 | 0·8 |
| 5 | 66·4 | 64·2 | 64·6 | 19·7 | 11·1 | 12·2 | 17·4 | 15·6 | 84 | 65 | 77 | 8·8 | 9·6 | 10.2 | 10 | 10 | 10 | Calm | 2 | NE | 5 | NE | 5 | 0·0 | 0·8 |
| 6 | 62·8 | 61·0 | 61·1 | 20·1 | 12·1 | 14·2 | 17·8 | 15·6 | 83 | 63 | 73 | 9·9 | 9·6 | 9·6 | 10 | 6 | 7 | Calm | 0 | NNE | 1 | NE | 8 | 0·0 | 1·8 |
| 7 | 61·3 | 60·8 | 60·8 | 16·2 | 13·6 | 14·0 | 14·6 | 14·0 | 59 | 48 | 53 | 7·0 | 5·9 | 6·3 | 10 | 9 | 9 | N | 25 | NNW | 26 | NNW | 24 | Drops | 2·8 |
| 8 | 61·2 | 60·8 | 61·8 | 17·7 | 11·7 | 13·4 | 15·6 | 13·4 | 66 | 61 | 62 | 7·6 | 8·1 | 7·1 | 7 | 8 | 8 | NW | 22 | W | 22 | W | 20 | 2·5 | 1·6 |
| 9 | 62·6 | 61·8 | 62·7 | 15·7 | 10·1 | 11·6 | 13·4 | 12·2 | 86 | 82 | 87 | 8·7 | 9·4 | 9·1 | 10 | 10 | 9 | SW | 5 | W | 13 | W | 3 | 0·5 | 0·4 |
| 10 | 62·8 | 60·6 | 59·6 | 17·2 | 10·2 | 10·8 | 15·1 | 13·4 | 89 | 56 | 62 | 8·4 | 7·2 | 7·1 | 8 | 10 | 8 | S | 4 | S | 6 | SE | 4 | 0·0 | 2·2 |
| 11 | 57·2 | 56·1 | 57·2 | 17·2 | 8·5 | 9·0 | 16·4 | 14·8 | 84 | 64 | 76 | 7·2 | 8·8 | 9·5 | 0 | 5 | 5 | S | 9 | W | 34 | W | 26 | 0·0 | 1·2 |
| 12 | 59·2 | 58·1 | 60·0 | 19·2 | 9·0 | 13·1 | 18·0 | 15·6 | 78 | 69 | 73 | 8·8 | 10·6 | 9·6 | 5 | 8 | 5 | SW | 2 | W | 11 | NW | 8 | 0·0 | 1·2 |
| 13 | 61·1 | 60·7 | 61·4 | 18·7 | 9·1 | 12·8 | 18·1 | 14·4 | 85 | 52 | 74 | 9·2 | 8·1 | 9·0 | 5 | 5 | 2 | Calm | 0 | W | 22 | SW | 3 | 5·0 | 1·0 |
| 14 | 62·8 | 62·3 | 64·4 | 19·7 | 12·0 | 16·1 | 18·2 | 14·8 | 59 | 55 | 72 | 8·1 | 8·5 | 9·0 | 0 | 0 | 5 | WNW | 16 | Calm | 2 | Calm | 0 | 0·0 | 1·2 |
| 15 | 64·1 | 62·5 | 62·7 | 18·7 | 11·2 | 12·9 | 16·0 | 13·6 | 69 | 54 | 64 | 7·7 | 7·3 | 7·5 | 8 | 8 | 10 | Calm | 0 | NE | 3 | Calm | 1 | Drops | 1·1 |
| 16 | 61·0 | 59·4 | 60·1 | 19·3 | 10.7 | 13·6 | 18·4 | 14·2 | 71 | 52 | 67 | 8·2 | 8·1 | 8·1 | 0 | 8 | 1 | Calm | 0 | W | 11 | SE | 4 | 0·0 | 1·8 |
| 17 | 59·5 | 59·7 | 61·5 | 18·7 | 11·7 | 14·2 | 17·6 | 14·4 | 66 | 60 | 70 | 8·0 | 8·9 | 8·5 | 10 | 8 | 8 | NW | 12 | W | 12 | Calm | 0 | Drops | 1·0 |
| 18 | 64 5 | 64·6 | 66·3 | 19·7 | 10·6 | 11·6 | 19·2 | 14·8 | 88 | 58 | 71 | 8·9 | 9·6 | 8·9 | 3 | 3 | 0 | Calm | 0 | SW | 8 | W | 10 | 0·0 | 1·0 |
| 19 | 66·7 | 66·1 | 66·1 | 17·7 | 10·6 | 11·8 | 16·6 | 14·6 | 91 | 63 | 70 | 9·3 | 8·8 | 8·6 | 5 | 9 | 5 | SW | 4 | W | 14 | Calm | 2 | 0·0 | 1·6 |
| 20 | 66·2 | 64·8 | 66·2 | 20·2 | 10·2 | 12·8 | 19·8 | 16·2 | 80 | 65 | 75 | 8·7 | 11·2 | 10·3 | 0 | 1 | 1 | SW | 10 | W | 16 | NE | 2 | 0·0 | 1·0 |
| 21 | 66·7 | 66·0 | 64·9 | 18·4 | 12·6 | 14·0 | 16·6 | 13·3 | 77 | 55 | 63 | 9·1 | 7·7 | 7·2 | 9 | 2 | 0 | Calm | 1 | NE | 4 | NE | 3 | 0·0 | 1·8 |
| 22 | 65·1 | 63·0 | 63·5 | 19·5 | 11·6 | 14·2 | 18·6 | 15·0 | 65 | 55 | 53 | 7·9 | 8·8 | 6·8 | 8 | 6 | 7 | Calm | 0 | W | 4 | N | 2 | 0·0 | 1·4 |
| 23 | 62·5 | 61·1 | 60·7 | 19·3 | 12·7 | 13·4 | 18·6 | 15·0 | 69 | 57 | 66 | 7·8 | 9·1 | 8·4 | 0 | 0 | 0 | Calm | 0 | W | 12 | Calm | 0 | 0·0 | 1·1 |
| 24 | 59·1 | 59·5 | 61·1 | 17·1 | 11·6 | 15·0 | 15·4 | 13·4 | 65 | 55 | 72 | 8·3 | 7·1 | 8·2 | 5 | 8 | 10 | WNW | 31 | W | 33 | W | 32 | 1·0 | 1·9 |
| 25 | 64·0 | 63·9 | 65·7 | 18·3 | 11·9 | 14·9 | 16·8 | 15·2 | 60 | 55 | 63 | 7·6 | 7·8 | 8·1 | 7 | 4 | 5 | NW | 21 | NW | 18 | NW | 13 | 0·0 | 1·1 |
| 26 | 65·8 | 64·6 | 65·4 | 20·7 | 11·6 | 13·0 | 19·4 | 14·5 | 75 | 55 | 77 | 8·3 | 9·2 | 9·5 | 9 | 2 | 0 | Calm | 0 | W | 11 | W | 4 | 0·0 | 1·0 |
| 27 | 64·9 | 63·3 | 63·0 | 20·2 | 9·5 | 11·4 | 18·6 | 14·8 | 87 | 57 | 62 | 8·7 | 9·1 | 7·7 | 0 | 10 | 0 | Calm | 1 | W | 10 | Calm | 0 | 0·0 | 1·7 |
| 28 | 61·6 | 60·6 | 62·3 | 19·2 | 10·0 | 11·6 | 18·8 | 15·2 | 67 | 59 | 67 | 6·8 | 9·5 | 8·6 | 0 | 3 | 3 | SW | 15 | W | 31 | NW | 14 | 0·2 | 1·4 |
| 29 | 63·9 | 62·5 | 63·0 | 18·8 | 11·5 | 12·6 | 18.2 | 15·2 | 93 | 62 | 62 | 10·0 | 9·6 | 8·0 | 10 | 5 | 10 | SSW | 10 | W | 19 | WNW | 11 | Drops | 1·1 |
| 30 | 61·0 | 60·0 | 60·7 | 19·2 | 11·1 | 11·9 | 18·5 | 15·4 | 68 | 48 | 70 | 7·1 | 7·6 | 9·2 | 6 | 2 | 0 | SSW | 10 | SW | 21 | W | 9 | 0·0 | 1·9 |
| 31 | 61·7 | 61·4 | 62.5 | 20·7 | 11·7 | 13·2 | 20·2 | 15·9 | 86 | 65 | 82 | 9·6 | 11·4 | 11·0 | 3 | 5 | 0 | Calm | 0 | W | 10 | Calm | 0 | 1·5 | 1·0 |
| Month | 63·06 | 62·06 | 62·81 | 18·8 | 11·2 | 13·0 | 17·4 | 14·6 | 76 | 58 | 69 | 8·4 | 8·7 | 8·5 | 5·9 | 5·7 | 4·5 | — | 13·5 | — | 13·9 | — | 8·1 | 11·9 | 1·39 |

**Remarks**:—1 ●$^{2}$ $8^{30}$–$9^{h}$.—2 ≋ $3^{h}$–$8^{h}$.—3 ≋ $8^{h}$–$9^{h}$.—5 ≋ $23^{h}$–$8^{h}$.—6 ≋ $8^{h}$–$11^{h}$.—7 ●° $22^{45}$–$22^{53}$.—8 ●° $0^{25}$–$0^{35}$, ● $4^{h}$–$4^{10}$, ⌒ E $15^{45}$.—9 ⌒ W $7^{45}$, ●° $10^{25}$–$15^{50}$. —10 ≋ $2^{h}$–$8^{h}$.—13 ∞ $0^{1}$–$7^{35}$, ● $10^{20}$–$10^{30}$.—14 ●$^{2}$ $5^{15}$–$7^{37}$.—16 ●° $7^{40}$–$8^{h}$, ∞ $8^{h}$–$8^{35}$.—17 ∞ $0^{1}$–$7^{08}$, ● $8^{05}$–$8^{09}$, ⌒ W $8^{30}$, E $14^{19}$, ●° $9^{20}$–$9^{30}$, ● $9^{35}$–$9^{40}$ —18 ●° $7^{h}$–$7^{02}$.—22 ∞ $0^{1}$–$8^{h}$, $9^{h}$–$10^{h}$.—23 ∞ $8^{h}$–$10^{h}$.—24 ●° $8^{45}$–$11^{25}$, $19^{30}$–$20^{15}$.—28 ● $15^{20}$–$15^{30}$.—29 ● $6^{10}$–$6^{30}$, ≋ $6^{h}$–$7^{50}$, ●° $9^{40}$–$9^{42}$.—30 ∞ $6^{h}$–$8^{h}$ —31 ∞ $8^{h}$–$8^{35}$.

$C_h$ = + 3 mm.

## February 1913.

| Date | P 8 h. | P 14 h. | P 20 h. | Max. | Min. | T 8 h. | T 14 h. | T 20 h. | RH 8 h. | RH 14 h. | RH 20 h. | VP 8 h. | VP 14 h. | VP 20 h. | Cl 8 h. | Cl 14 h. | Cl 20 h. | 8 h. Direct. | 8 h. Vel. | 14 h. Direct. | 14 h. Vol. | 20 h. Direct. | 20 h. Vel. | Rain (mm.) | Evap. (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63·4 | 63·2 | 64·7 | 16·7 | 11·7 | 14·8 | 16·0 | 14·4 | 74 | 60 | 57 | 9·3 | 8·2 | 7·0 | 10 | 5 | 5 | NW | 16 | NW | 21 | NW | 19 | 0·0 | 3·0 |
| 2 | 65·7 | 65·3 | 66·5 | 16·7 | 13·2 | 14·2 | 16·5 | 14·4 | 65 | 58 | 65 | 7·9 | 8 1 | 8·0 | 5 | 4 | 2 | NW | 12 | N | 15 | N | 4 | 0·0 | 1·9 |
| 3 | 66·3 | 64·8 | 64·3 | 19·7 | 10·8 | 12·1 | 17·0 | 13·6 | 84 | 57 | 69 | 8·8 | 8·2 | 8·0 | 3 | 4 | 0 | Calm | 0 | NE | 1 | E | 7 | 0·0 | 1·2 |
| 4 | 62·9 | 61·1 | 59·8 | 16·0 | 10·0 | 10·6 | 14·8 | 15·0 | 80 | 69 | 78 | 7·6 | 8·6 | 9·9 | 10 | 10 | 5 | Calm | 0 | Calm | 0 | W | 18 | 4·0 | 2·0 |
| 5 | 58·6 | 60·5 | 63·5 | 16·5 | 10·3 | 13·3 | 15·8 | 12·8 | 74 | 66 | 94 | 8·4 | 8·9 | 10·2 | 5 | 3 | 10 | NW | 34 | NW | 18 | E | 10 | 3·2 | 1·1 |
| 6 | 66·2 | 66·0 | 67·7 | 17·3 | 11·9 | 14·6 | 16·8 | 13·8 | 71 | 56 | 78 | 8·7 | 7·9 | 9·1 | 5 | 5 | 0 | NE | 11 | NE | 11 | E | 3 | 0·0 | 1·2 |
| 7 | 68·7 | 67·1 | 67·2 | 19·1 | 12·1 | 14·4 | 16·9 | 14·8 | 76 | 63 | 74 | 9·3 | 9·1 | 9·3 | 7 | 0 | 0 | E | 8 | NE | 16 | NE | 19 | 0·0 | 1·6 |
| 8 | 67·5 | 65·3 | 65·0 | 19·2 | 12·3 | 14·9 | 16·0 | 14·0 | 67 | 61 | 67 | 8·4 | 8·3 | 8·0 | 3 | 1 | 3 | Calm | 0 | NE | 5 | NE | 5 | 0·0 | 1·4 |
| 9 | 63·1 | 61·3 | 61·2 | 16·8 | 12·1 | 13·6 | 16·1 | 14·0 | 78 | 68 | 76 | 9·0 | 9·3 | 9·0 | 10 | 10 | 3 | Calm | 0 | Calm | 2 | Calm | 0 | Drops | 0·8 |
| 10 | 60·3 | 59·2 | 59·7 | 21·0 | 12·5 | 14·9 | 17·2 | 14·5 | 77 | 64 | 73 | 9·7 | 9·4 | 8·9 | 3 | 10 | 2 | Calm | 0 | Calm | 1 | Calm | 0 | Drops | 1·0 |
| 11 | 59·2 | 58·4 | 58·4 | 20·2 | 12·1 | 13·0 | 16·4 | 14·6 | 80 | 64 | 63 | 8·8 | 8·8 | 7·9 | 8 | 4 | 5 | Calm | 0 | Calm | 2 | NW | 6 | 6·2 | 1·0 |
| 12 | 56·6 | 55·7 | 55·5 | 17.4 | 10·7 | 12·2 | 15·8 | 13·8 | 89 | 64 | 73 | 9·3 | 8·7 | 8·6 | 5 | 9 | 5 | SW | 7 | SW | 21 | Calm | 0 | 0·0 | 1·0 |
| 13 | 53·7 | 51·8 | 51·2 | 14·7 | 10·6 | 11·6 | 14·2 | 11·0 | 67 | 69 | 93 | 6·8 | 8·4 | 9·0 | 10 | 10 | 10 | S | 7 | Calm | 2 | Calm | 1 | 9·0 | 0·9 |
| 14 | 49·7 | 50·1 | 52·1 | 12·9 | 9·0 | 9·0 | 12·4 | 10·6 | 87 | 53 | 57 | 7·4 | 5·7 | 5·4 | 10 | 5 | 2 | SW | 30 | SW | 39 | SW | 25 | 0·0 | 3·0 |
| 15 | 55·1 | 56·4 | 57·9 | 14·6 | 8·0 | 8·0 | 14·0 | 12·2 | 81 | 59 | 56 | 6·4 | 7·0 | 6·0 | 3 | 5 | 9 | SW | 22 | SW | 24 | SW | 10 | 0·0 | 2·4 |
| 16 | 57·9 | 54·1 | 54·4 | 18·2 | 6·5 | 8·2 | 17·6 | 14·0 | 75 | 29 | 45 | 6·1 | 4·3 | 5.3 | 0 | 7 | 0 | S | 7 | SW | 32 | SW | 32 | 0·0 | 5·0 |
| 17 | 54·4 | 54·8 | 57·2 | 14·2 | 7·6 | 7·9 | 9·6 | 12·0 | 72 | 89 | 89 | 5·7 | 8·0 | 9·2 | 5 | 10 | 8 | SW | 28 | WSW | 8 | W | 26 | 7·5 | 1·0 |
| 18 | 59·7 | 59·5 | 60·0 | 16·2 | 7·9 | 13·2 | 14·8 | 13·2 | 74 | 72 | 75 | 8·3 | 9·0 | 8·5 | 8 | 8 | 8 | W | 11 | NW | 15 | W | 25 | 6·0 | 1·4 |
| 19 | 61·5 | 61·0 | 61·2 | 17·7 | 10·2 | 11·6 | 16·7 | 12·8 | 84 | 63 | 87 | 8·4 | 8·9 | 9·5 | 8 | 6 | 0 | W | 17 | W | 14 | Calm | 0 | 0·0 | 2·0 |
| 20 | 59·9 | 59·8 | 61·0 | 18·2 | 10·5 | 12·1 | 17·8 | 15·4 | 53 | 63 | 81 | 5·6 | 9·6 | 10·5 | 5 | 0 | 0 | SW | 22 | W | 26 | NW | 15 | 0·0 | 0·8 |
| 21 | 62·8 | 61·9 | 61·7 | 21·3 | 10·2 | 12·4 | 20·1 | 16·8 | 85 | 55 | 68 | 8·9 | 9·6 | 9·7 | 10 | 9 | 10 | Calm | 0 | S | 2 | SE | 8 | 0·0 | 1·8 |
| 22 | 61·6 | 59·6 | 59·4 | 24·7 | 10·2 | 11·2 | 24·2 | 19·2 | 78 | 27 | 51 | 7·7 | 6·1 | 8·5 | 10 | 8 | 5 | SSE | 5 | S | 5 | SE | 9 | 0·0 | 3·7 |
| 23 | 56·6 | 52·4 | 50·2 | 26·7 | 11·2 | 14·0 | 25·8 | 20·0 | 54 | 25 | 47 | 6·4 | 6·1 | 8·3 | 0 | 10 | 10 | S | 8 | S | 31 | S | 5 | 0·0 | 6·4 |
| 24 | 53·8 | 53·3 | 56·0 | 20·7 | 11·1 | 12·3 | 17·8 | 15·0 | 45 | 61 | 76 | 4·9 | 9·3 | 9·7 | 10 | 10 | 5 | S | 13 | SW | 36 | WNW | 34 | 0·5 | 2·8 |
| 25 | 59·7 | 60·7 | 61·8 | 19·2 | 12·1 | 15·2 | 16·6 | 14·6 | 74 | 66 | 72 | 9·6 | 9·2 | 8·9 | 5 | 8 | 3 | NW | 12 | WNW | 17 | N | 4 | Drops | 1·1 |
| 26 | 62·9 | 62·3 | 63·2 | 19·2 | 13·0 | 13·4 | 18·4 | 14·1 | 82 | 62 | 69 | 9·4 | 9·8 | 8·3 | 10 | 3 | 3 | Calm | 0 | WNW | 13 | N | 8 | Drops | 1·4 |
| 27 | 63·0 | 62·3 | 62·8 | 19·7 | 12·9 | 14·2 | 18·6 | 14·0 | 74 | 54 | 63 | 8·9 | 8·6 | 7·5 | 5 | 5 | 1 | Calm | 0 | W | 10 | NW | 8 | 0·0 | 1·6 |
| 28 | 63·2 | 61·8 | 62·6 | 19·7 | 10·4 | 13·4 | 16·2 | 13·8 | 73 | 59 | 73 | 8·3 | 8·2 | 8·6 | 5 | 0 | 0 | Calm | 0 | NW | 8 | Calm | 0 | 0·0 | 0·9 |
| Month | 60·50 | 59·63 | 60·22 | 18·4 | 10·8 | 12·5 | 16·8 | 14·2 | 74 | 59 | 70 | 8·0 | 8·3 | 8·5 | 6·4 | 6·0 | 4·1 | — | 9·6 | — | 14·1 | — | 11·1 | 36·4 | 1·91 |

**Remarks**:—1 ●$^{2}$ $5^{h}$–$5^{10}$, ● $7^{25}$–$7^{40}$.—4 ●$^{2}$ $18^{35}$–$18^{47}$, ● $18^{55}$–$19^{04}$, $20^{35}$, ●$^{2}$ $21^{54}$–$22^{h}$, < $20^{14}$ & T.—5 ● $6^{05}$–$7^{11}$, $8^{20}$–$9^{10}$, ●° $16^{54}$–$20^{7}$.—10 ● $0^{20}$–$0^{30}$.—11 ● $0^{40}$–$0^{50}$, ●° $13^{h}$–$13^{30}$, ⌒ $14^{h}$, ●$^{2}$ $21^{17}$–$21^{20}$.—12 ●$^{2}$ $2^{10}$–$7^{17}$.—13 ● $8^{25}$–$23^{50}$.—17 ● $13^{h}$–$16^{10}$, ▲ ꓘ ●$^{2}$ $18^{35}$–$18^{50}$, ●$^{2}$ $19^{03}$–$22^{h}$.—18 ●$^{2}$ $1^{50}$–$6^{25}$, $8^{40}$–$8^{45}$, ꓘ E $20^{55}$ ▲ $20^{57}$–$21^{15}$, ● $23^{45}$–$23^{50}$.—19 ●$^{2}$ $5^{20}$–$5^{55}$, ● $6^{34}$–$7^{25}$.—20 ≋ $6^{h}$–$8^{h}$.—21 ≋ $8^{h}$–$11^{30}$.—23 ∞ $11^{30}$–$0^{h}$.—24 ∞ $0^{1}$–$18^{h}$.—25 ● $6^{08}$–$6^{15}$, ⌒ W $8^{55}$, ●° $9^{10}$–$9^{13}$, $9^{38}$–$9^{40}$.—26 ∞ $6^{h}$–$7^{30}$, ●° $8^{h}$–$8^{02}$, $8^{40}$–$8^{43}$, $8^{55}$–$8^{59}$.

# ALEXANDRIA (Kôm el Nadûra).

$\varphi = 31° 11' 36''$ N. $\lambda = 29° 53' 10''$ E. H = 32·0 m. $h_t$ = 1·7 m. $h_r$ = 2·0 m.

$C_h$ = + 3 mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 62·2 | 60·0 | 58·8 | 22·7 | 10·7 | 12·0 | 22·3 | 15·2 | 78 | 37 | 74 | 8·1 | 7·4 | 9·6 | 0 | 0 | 0 | S | 8 | SE | 5 | SE | 10 | 0·0 | 1·6 |
| 2 | 55·3 | 52·8 | 54·6 | 27·2 | 9·6 | 11·1 | 23·2 | 16·0 | 79 | 41 | 75 | 7·8 | 8·7 | 10·1 | 0 | 10 | 0 | S | 11 | W | 22 | NW | 15 | 0·0 | 4·0 |
| 3 | 53·8 | 52·0 | 54·7 | 21·8 | 11·1 | 14·2 | 15·0 | 9·8 | 57 | 43 | 69 | 6·9 | 5·4 | 6·3 | 0 | 10 | 10 | SW | 28 | W | 45 | W | 45 | 3·2 | 6·5 |
| 4 | 57·4 | 57·9 | 60·1 | 17·2 | 6·5 | 9·1 | 11·9 | 10·6 | 73 | 72 | 71 | 6·3 | 7·4 | 6·7 | 10 | 10 | 9 | W | 32 | W | 42 | W | 22 | 6·0 | 1·0 |
| 5 | 61·2 | 61·6 | 62·7 | 15·2 | 7·5 | 11·9 | 14·2 | 10·8 | 68 | 67 | 92 | 7·1 | 8·1 | 8·8 | 8 | 5 | 10 | WNW | 12 | NW | 15 | Calm | 0 | 8·5 | 0·1 |
| 6 | 62·9 | 62·3 | 63·9 | 16·2 | 9·6 | 10·1 | 14·6 | 13·9 | 98 | 68 | 70 | 9·0 | 8·4 | 8·3 | 9 | 6 | 9 | Calm | 0 | Calm | 0 | NE | 11 | 3·5 | 0·9 |
| 7 | 65·7 | 65·9 | 66·8 | 16·9 | 10·1 | 13·3 | 15·0 | 12·8 | 66 | 66 | 61 | 7·5 | 8·4 | 6·8 | 9 | 5 | 5 | NE | 2 | NE | 18 | NE | 3 | 0·0 | 1·9 |
| 8 | 66·9 | 65·8 | 65·6 | 16·4 | 12·0 | 14·0 | 15·4 | 14·4 | 59 | 62 | 65 | 7·0 | 8·1 | 8.0 | 3 | 5 | 7 | NE | 4 | NE | 8 | NE | 7 | 0·0 | 1·0 |
| 9 | 64·5 | 63·4 | 64·0 | 17·7 | 12·1 | 14·8 | 15·8 | 14·0 | 63 | 56 | 57 | 7·9 | 7·4 | 6·7 | 9 | 6 | 1 | NE | 3 | NE | 9 | N | 4 | 0·0 | 2·0 |
| 10 | 63·3 | 62·5 | 62·8 | 18·2 | 13·1 | 14·3 | 17·2 | 14·4 | 60 | 49 | 61 | 7·3 | 7·2 | 7·5 | 9 | 1 | 0 | Calm | 2 | N | 2 | Calm | 0 | Drops | 1·4 |
| 11 | 62·6 | 61·9 | 62·1 | 19·7 | 10·6 | 11·6 | 17·4 | 14·6 | 79 | 56 | 71 | 8·0 | 8·2 | 8·7 | 10 | 10 | 0 | Calm | 0 | NW | 9 | NW | 8 | 0·0 | 1·5 |
| 12 | 62·0 | 61·5 | 62·4 | 18·2 | 11·6 | 15·2 | 17·2 | 14·0 | 77 | 62 | 57 | 10·0 | 9·0 | 6·7 | 4 | 5 | 5 | NW | 7 | NW | 16 | NW | 23 | Drops | 2·4 |
| 13 | 63·0 | 63·1 | 63·6 | 18·7 | 13·1 | 14·2 | 16·6 | 14·4 | 55 | 55 | 65 | 6·6 | 7·7 | 8·0 | 3 | 5 | 3 | NW | 15 | W | 22 | NW | 14 | 0·0 | 2·9 |
| 14 | 65·2 | 65·2 | 66·6 | 15·7 | 13·1 | 14·0 | 14·6 | 12·3 | 55 | 44 | 51 | 6·5 | 5·4 | 5·4 | 5 | 5 | 5 | N | 18 | N | 25 | NW | 6 | 0·0 | 2·8 |
| 15 | 67·0 | 66·4 | 66·7 | 17·2 | 11·1 | 13·2 | 15·7 | 13·4 | 57 | 53 | 60 | 6·5 | 6·9 | 6·9 | 5 | 7 | 5 | N | 2 | N | 9 | N | 3 | 0·0 | 1·8 |
| 16 | 66·6 | 66·6 | 66·9 | 17·9 | 12·6 | 13·7 | 16·0 | 14·4 | 63 | 57 | 64 | 7·4 | 7·8 | 7·9 | 7 | 0 | 1 | NE | 6 | N | 8 | NE | 11 | 0·0 | 1·8 |
| 17 | 65·9 | 63·7 | 62·5 | 17·7 | 11·2 | 14·4 | 16·0 | 14·4 | 65 | 59 | 59 | 8·0 | 8·0 | 7·2 | 5 | 2 | 2 | E | 3 | NE | 10 | E | 17 | 0·0 | 2·4 |
| 18 | 58·9 | 57·6 | 58·8 | 18·7 | 13·6 | 15·4 | 17·2 | 15·2 | 70 | 57 | 64 | 9·2 | 8·3 | 8·3 | 1 | 3 | 0 | NE | 10 | NNE | 13 | NNE | 5 | 0·0 | 2·0 |
| 19 | 62·1 | 62·5 | 63·2 | 19·2 | 13·3 | 15·0 | 17·0 | 14·9 | 59 | 57 | 53 | 7·5 | 8·2 | 6·7 | 3 | 0 | 0 | NW | 6 | W | 8 | N | 6 | 0·0 | 2·1 |
| 20 | 65·0 | 65·0 | 65·6 | 18·7 | 13·7 | 15·6 | 17·6 | 14·8 | 55 | 56 | 70 | 7·3 | 8·4 | 8·8 | 1 | 1 | 0 | NE | 5 | NE | 4 | NE | 6 | 0·0 | 1·4 |
| 21 | 65·7 | 64·6 | 65·0 | 22·2 | 14·1 | 15·2 | 20·2 | 16·2 | 76 | 58 | 87 | 9·8 | 10·4 | 12·0 | 0 | 0 | 0 | NW | 6 | W | 14 | N | 7 | 0·0 | 1·0 |
| 22 | 64·4 | 63·1 | 62·9 | 19·2 | 13·6 | 16·0 | 18·4 | 15·6 | 87 | 71 | 83 | 11·8 | 11·2 | 10·9 | 0 | 0 | 0 | Calm | 0 | N | 3 | NE | 5 | 0·0 | 0·8 |
| 23 | 62·2 | 60·7 | 60·9 | 19·7 | 13·6 | 16·2 | 18·0 | 16·0 | 83 | 71 | 79 | 11·4 | 10·9 | 10·7 | 3 | 0 | 0 | ENE | 4 | NE | 9 | ENE | 13 | 0·0 | 1·0 |
| 24 | 61·5 | 61·0 | 61·1 | 18·7 | 13·1 | 16·4 | 18·3 | 16·2 | 83 | 76 | 91 | 11·6 | 11·8 | 12·5 | 0 | 0 | 0 | NE | 12 | NE | 11 | NE | 11 | 0·0 | 0·8 |
| 25 | 61·5 | 60·1 | 60·7 | 19·7 | 15·6 | 17·5 | 18·6 | 16·6 | 81 | 80 | 90 | 12·0 | 12·7 | 12·6 | 0 | 0 | 0 | NE | 7 | NE | 8 | NE | 11 | 0·0 | 0·6 |
| 26 | 60·5 | 59·4 | 59·2 | 20·2 | 16·1 | 17·8 | 19·2 | 16·8 | 80 | 73 | 87 | 12·1 | 12·0 | 12·3 | 0 | 0 | 0 | NE | 5 | NE | 8 | NE | 9 | 0·0 | 1·1 |
| 27 | 59·0 | 58·3 | 58·5 | 20·8 | 16·1 | 18·0 | 19·6 | 17·0 | 81 | 70 | 85 | 12·5 | 11·9 | 12·2 | 0 | 0 | 0 | N | 8 | N | 5 | NNW | 5 | 0·0 | 0·9 |
| 28 | 58·8 | 58·3 | 58·6 | 22·7 | 15·1 | 17·2 | 18·8 | 17·6 | 90 | 77 | 76 | 13·1 | 12·4 | 11·4 | 0 | 10 | 10 | N | 2 | NW | 8 | Calm | 1 | 0·0 | 0·6 |
| 29 | 57·3 | 55·8 | 56·8 | 27·2 | 16·0 | 17·0 | 25·6 | 17·0 | 70 | 26 | 84 | 10·1 | 6·3 | 12·1 | 10 | 10 | 10 | S | 10 | SW | 16 | W | 10 | 0·0 | 2·8 |
| 30 | 56·2 | 55·8 | 56·7 | 21·2 | 15·2 | 17·1 | 19·6 | 16·5 | 83 | 72 | 84 | 12·0 | 12·2 | 11·8 | 5 | 1 | 6 | NW | 15 | NW | 24 | NW | 20 | 0·0 | 1·2 |
| 31 | 56·9 | 56·9 | 57·7 | 21·2 | 15·7 | 16·9 | 19·6 | 16·2 | 83 | 67 | 77 | 11·8 | 11·3 | 10·6 | 6 | 3 | 5 | NNW | 14 | W | 25 | NW | 15 | 0·0 | 1.1 |
| Month | 61·79 | 61·02 | 61·63 | 19·5 | 12·6 | 14·6 | 17·6 | 14·7 | 72 | 60 | 72 | 9·0 | 9·0 | 9·1 | 4·0 | 3·9 | 3·3 | — | 8·3 | — | 13·6 | — | 10·4 | 21·2 | 1·72 |

**Remarks :**—2 ∞ $12^{15}$–$16^{10}$.—3 ∞ $^{10h}$–$16^{h}$, ● $16^{h}$–$22^{h}$.—4 ●° $1^{20}$–$7^{25}$, ● $8^{40}$–$10^{10}$, $15^{50}$–$22^{40}$.—5 ● $0^{03}$–$0^{35}$, $3^{50}$–$5^{20}$, $9^{50}$–$23^{50}$.—6 ●° $3^{40}$–$4^{55}$, ⌒ $6^{10}$, ● $6^{45}$–$7^{40}$, ●° $22^{50}$–$24^{h}$. 7 ●° $0^{01}$–$2^{35}$, ● $2^{50}$–$7^{40}$.—11 ●° $6^{15}$–$7^{40}$.—12 ●° $17^{30}$–$22^{30}$.

$C_h$ = +3 mm.

## April 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57·3 | 56·8 | 58·1 | 21·7 | 15·1 | 16·4 | 21·0 | 16·0 | 69 | 55 | 69 | 9·6 | 10·2 | 9·4 | 10 | 5 | 7 | NW | 15 | W | 18 | NW | 15 | 0·0 | 1·1 |
| 2 | 57·9 | 57·2 | 56·7 | 19·7 | 14·0 | 15·9 | 17·8 | 16·0 | 66 | 60 | 73 | 9·0 | 9·1 | 9·9 | 5 | 0 | 0 | W | 1 | NW | 5 | NW | 9 | 0·0 | 1·0 |
| 3 | 56·6 | 56·5 | 58·0 | 20·2 | 13·0 | 16·6 | 18·8 | 16·1 | 75 | 66 | 80 | 10·6 | 10·7 | 10·9 | 0 | 0 | 0 | E | 3 | NW | 15 | NW | 18 | 0·0 | 1·4 |
| 4 | 58·9 | 59·5 | 60·2 | 21·7 | 15·0 | 17·2 | 20·0 | 15·8 | 66 | 54 | 75 | 9·7 | 9·4 | 10·0 | 9 | 0 | 2 | W | 19 | W | 28 | WNW | 15 | 0·0 | 1·8 |
| 5 | 60·6 | 60·9 | 60·5 | 22·3 | 14·9 | 16·8 | 19·1 | 15·8 | 67 | 59 | 68 | 9·5 | 9·6 | 9·2 | 5 | 3 | 0 | NW | 17 | NW | 20 | NW | 16 | 0·0 | 1·5 |
| 6 | 59·8 | 58·6 | 57·2 | 22·4 | 14·1 | 18·0 | 19·2 | 16·7 | 71 | 59 | 63 | 10·9 | 9·9 | 8·9 | 0 | 0 | 0 | W | 10 | N | 1 | NE | 3 | 0·0 | 1·6 |
| 7 | 55·6 | 52·5 | 51·2 | 29·3 | 13.2 | 15·4 | 28·2 | 21·2 | 69 | 21 | 55 | 9·0 | 6·1 | 10·4 | 0 | 0 | 0 | S | 10 | SSE | 13 | ESE | 11 | 0·0 | 0·6 |
| 8 | 52·9 | 55·1 | 57·0 | 21·6 | 15·2 | 17·9 | 20·1 | 16·8 | 85 | 71 | 77 | 13·0 | 12·4 | 11·0 | 10 | 9 | 0 | NW | 29 | NW | 19 | NW | 28 | 0·0 | 1·0 |
| 9 | 59·4 | 59·5 | 60·3 | 21·7 | 15·1 | 16·0 | 20·1 | 16·4 | 70 | 57 | 69 | 9·5 | 10·0 | 9·6 | 5 | 6 | 3 | N | 6 | NW | 21 | NW | 14 | 0·0 | 1·1 |
| 10 | 60·3 | 58·5 | 57·4 | 24·2 | 14·0 | 16·8 | 20·6 | 18·3 | 76 | 59 | 68 | 10·8 | 10·7 | 10·7 | 0 | 0 | 3 | Calm | 1 | N | 5 | NE | 5 | 0·0 | 2·6 |
| 11 | 54·1 | 53·5 | 53·7 | 25·7 | 15·5 | 18·4 | 21·8 | 16·8 | 38 | 63 | 85 | 6·0 | 12·1 | 12·2 | 0 | 0 | 0 | S | 14 | WNW | 13 | N | 6 | 0·0 | 2·0 |
| 12 | 52·8 | 52·6 | 54·7 | 21·5 | 15·1 | 17·0 | 19·0 | 16·2 | 86 | 77 | 72 | 12·3 | 12·6 | 9·9 | 10 | 10 | 0 | Calm | 1 | NW | 20 | Calm | 2 | 0·0 | 1·1 |
| 13 | 58·1 | 58·1 | 59·0 | 24·7 | 13·7 | 17·0 | 20·6 | 17·4 | 75 | 63 | 78 | 10·8 | 11·3 | 11·5 | 8 | 1 | 0 | N | 3 | NE | 6 | ENE | 10 | 0·0 | 1·8 |
| 14 | 59·6 | 57·9 | 58·3 | 29·9 | 14·1 | 17·8 | 29·6 | 18·5 | 70 | 31 | 83 | 10·7 | 9·5 | 13·2 | 0 | 0 | 0 | SE | 15 | SE | 10 | ENE | 20 | 0·0 | 5·4 |
| 15 | 56·1 | 53·4 | 53·1 | 34·5 | 15·6 | 19·4 | 33·4 | 28·0 | 55 | 20 | 33 | 9·2 | 7·8 | 9·2 | 0 | 0 | 0 | SE | 10 | SE | 12 | SE | 10 | 0·0 | 7·7 |
| 16 | 56·3 | 56·6 | 58·2 | 20·7 | 17·7 | 18·4 | 19·0 | 17·8 | 88 | 88 | 83 | 13·9 | 14·4 | 12·6 | 10 | 10 | 10 | NW | 20 | N | 18 | NW | 5 | 0·0 | 1·0 |
| 17 | 57·5 | 58·9 | 59·5 | 19·7 | 16·4 | 17·2 | 19·0 | 16·9 | 86 | 76 | 85 | 12·5 | 12·4 | 12·1 | 10 | 10 | 10 | NE | 5 | N | 8 | NW | 8 | 0·0 | 2·0 |
| 18 | 60·4 | 60·3 | 59·6 | 19·7 | 16·0 | 17·2 | 18·2 | 16·2 | 68 | 65 | 75 | 10·0 | 10·2 | 10·3 | 0 | 10 | 10 | NNE | 9 | NE | 4 | NE | 7 | 0·0 | 1·3 |
| 19 | 57·9 | 56·5 | 56·3 | 20·0 | 15·5 | 17·4 | 18·5 | 18·0 | 80 | 80 | 82 | 11·8 | 12·6 | 12·6 | 10 | 10 | 10 | NE | 13 | NE | 18 | NE | 6 | Drops | 0·8 |
| 20 | 53·3 | 52·7 | 50·9 | 26·7 | 17·1 | 19·0 | 21·6 | 25·2 | 74 | 74 | 49 | 12·0 | 14·1 | 11·6 | 10 | 10 | 10 | E | 17 | E | 12 | S | 18 | Drops | 2·0 |
| 21 | 55·3 | 57·0 | 58·8 | 27·6 | 16·6 | 18·8 | 21·5 | 16·6 | 73 | 62 | 75 | 11·8 | 11·8 | 10·6 | 8 | 3 | 0 | W | 28 | WNW | 30 | W | 14 | 0·0 | 1·8 |
| 22 | 59·3 | 59·3 | 58·9 | 22·7 | 15·5 | 18·0 | 21·8 | 16·8 | 69 | 62 | 77 | 10·6 | 11·9 | 11·0 | 5 | 5 | 3 | W | 15 | W | 24 | WNW | 14 | 0·0 | 1·8 |
| 23 | 59·6 | 60·0 | 60·7 | 26·1 | 16·1 | 18·0 | 20·6 | 17·2 | 76 | 63 | 68 | 11·7 | 11·3 | 10 0 | 6 | 1 | 5 | W | 18 | W | 28 | NW | 21 | 0·0 | 2·1 |
| 24 | 60·7 | 60·0 | 60·2 | 25·4 | 15·5 | 17·1 | 18·7 | 17·2 | 69 | 71 | 80 | 10·0 | 11·5 | 11·6 | 5 | 5 | 1 | NW | 8 | NW | 17 | NNW | 14 | 0·0 | 1·1 |
| 25 | 59·2 | 58·4 | 58·3 | 21·7 | 15·1 | 17·5 | 20·0 | 16·6 | 71 | 64 | 79 | 10·6 | 11·1 | 11·2 | 0 | 8 | 3 | Calm | 0 | NNW | 18 | NE | 3 | 0·0 | 0·8 |
| 26 | 58·8 | 58·6 | 58·7 | 21·2 | 14·2 | 18·8 | 19·0 | 17·1 | 75 | 72 | 83 | 12·1 | 11·7 | 12·0 | 5 | 0 | 0 | Calm | 0 | NE | 4 | NE | 5 | 0·0 | 1·3 |
| 27 | 59·8 | 59·1 | 59·4 | 25·2 | 14·9 | 18·4 | 20·2 | 16·9 | 77 | 74 | 81 | 12·1 | 13 1 | 13·1 | 8 | 0 | 0 | E | 2 | NE | 9 | NE | 11 | 0·0 | 1·6 |
| 28 | 59·3 | 58·4 | 57·9 | 27·2 | 15·7 | 21·6 | 21·3 | 19·8 | 60 | 71 | 59 | 11·5 | 13·3 | 10·2 | 0 | 5 | 5 | SE | 5 | ENE | 14 | E | 5 | 0·0 | 1·9 |
| 29 | 57·6 | 55·4 | 55·0 | 27·8 | 17·6 | 20·0 | 23·8 | 19·4 | 67 | 49 | 83 | 11·7 | 10·6 | 13·9 | 10 | 10 | 5 | ENE | 6 | E | 7 | NNE | 9 | 0·0 | 2·3 |
| 30 | 54·5 | 53·9 | 54·4 | 22·2 | 17·9 | 19·2 | 20·4 | 18·0 | 89 | 78 | 80 | 14·8 | 13·9 | 12·3 | 10 | 5 | 5 | NE | 10 | NW | 21 | NW | 16 | 0·0 | 1·4 |
| Month | 57·65 | 57·19 | 57·41 | 23·7 | 15·3 | 17·8 | 21·1 | 17·9 | 72 | 62 | 73 | 10·9 | 11·2 | 11·0 | 5·3 | 4·2 | 3·1 | — | 10·3 | — | 14·6 | — | 11·3 | Drops | 1·83 |

**Remarks :**—14 Khamsin.—15 Khamsin.—19 ●° $18^{20}$, $20^{h}$–$20^{01}$, $22^{30}$–$22^{55}$.—20 ● $1^{10}$–$2^{h}$.

# ALEXANDRIA (Kôm el Nadûra).

$\varphi = 31° 11' 36'' N.$ $\lambda = 29° 53' 10'' E.$ $H = 32·0$ m. $h_t = 1·7$ m. $h_r = 2·0$ m.

$C_h = + 3$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Vel. | Wind 14 h. Direct. | Vel. | Wind 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55·0 | 55·7 | 55·4 | 23·1 | 16·1 | 18·8 | 21·4 | 17·8 | 74 | 67 | 78 | 12·0 | 12·7 | 11·9 | 7 | 3 | 0 | W | 16 | NW | 16 | NW | 3 | 0·0 | 1·0 |
| 2 | 57·2 | 57·5 | 57·3 | 23·4 | 16·1 | 18·8 | 22·0 | 17·6 | 77 | 63 | 82 | 12·4 | 12·3 | 12·3 | 5 | 0 | 0 | SW | 6 | W | 15 | N | 1 | 0·0 | 1·0 |
| 3 | 58·1 | 58·3 | 57·9 | 23·4 | 16·1 | 18·2 | 21·1 | 18·1 | 81 | 53 | 79 | 12·6 | 9·9 | 12·2 | 8 | 0 | 0 | Calm | 0 | N | 4 | NE | 3 | 0·0 | 1·4 |
| 4 | 58·0 | 57·3 | 56·8 | 25·6 | 15·1 | 19·5 | 21·0 | 18·8 | 71 | 65 | 76 | 12·0 | 11·8 | 12·3 | 10 | 10 | 5 | E | 8 | NE | 9 | NE | 8 | 0·0 | 2·1 |
| 5 | 56·7 | 55·3 | 54·6 | 30·8 | 16·1 | 19·2 | 25·8 | 21·9 | 74 | 40 | 59 | 12·2 | 9·7 | 11·4 | 1 | 2 | 2 | S | 10 | E | 13 | E | 21 | 0·0 | 4·3 |
| 6 | 53·9 | 51·4 | 50·3 | 34·3 | 17·6 | 22·4 | 32·8 | 27·3 | 41 | 19 | 35 | 8·2 | 7·3 | 9·3 | 4 | 10 | 5 | S | 17 | S | 25 | SE | 22 | 0·0 | 8·9 |
| 7 | 53·5 | 55·7 | 56·0 | 24·3 | 18·6 | 19·6 | 24·0 | 18·6 | 78 | 56 | 57 | 13·1 | 12·3 | 9·1 | 10 | 0 | 0 | W | 33 | W | 36 | NW | 22 | 0·0 | 2·4 |
| 8 | 56·7 | 56·8 | 56·9 | 24·7 | 15·6 | 18·9 | 21·0 | 17·8 | 53 | 57 | 70 | 8·7 | 10·6 | 10·7 | 0 | 0 | 0 | Calm | 0 | NW | 35 | NW | 34 | 0·0 | 2·0 |
| 9 | 57·4 | 57·3 | 57·6 | 24·2 | 16·5 | 20·0 | 21·6 | 17·8 | 65 | 58 | 73 | 11·2 | 10·9 | 11·1 | 3 | 0 | 0 | WNW | 31 | W | 28 | N | 19 | 0·0 | 1·6 |
| 10 | 56·8 | 55·5 | 54·4 | 24·7 | 15·7 | 18·0 | 19·8 | 19·8 | 80 | 70 | 76 | 12·3 | 12·1 | 13·0 | 5 | 5 | 7 | N | 8 | NW | 12 | SE | 27 | 0·0 | 2·6 |
| 11 | 52·7 | 50·5 | 49·7 | 34·1 | 16·6 | 20·6 | 33·2 | 23·6 | 58 | 17 | 56 | 10·4 | 6·5 | 12·2 | 5 | 6 | 6 | SE | 21 | S | 29 | W | 5 | 0·0 | 5·6 |
| 12 | 52·7 | 55·0 | 56·2 | 30·7 | 17·0 | 19·8 | 23·2 | 18·4 | 74 | 76 | 86 | 12·7 | 15·9 | 13·6 | 9 | 10 | 3 | SW | 32 | W | 39 | W | 31 | 0·0 | 1·1 |
| 13 | 58·5 | 58·6 | 58·8 | 27·1 | 17·8 | 20·9 | 21·9 | 18·3 | 77 | 74 | 87 | 14·1 | 14·4 | 13·6 | 0 | 2 | 4 | W | 34 | WNW | 39 | N | 21 | 0·0 | 1·4 |
| 14 | 58·9 | 58·3 | 58·1 | 23·2 | 16·6 | 18·0 | 20·4 | 17·6 | 8[illegible] | 66 | 69 | 13·5 | 11·7 | 10·4 | 8 | 0 | 0 | NW | 21 | NW | 36 | N | 24 | 0·0 | 1·6 |
| 15 | 57·3 | 56·6 | 56·1 | 25·0 | 16·6 | 20·0 | 21·9 | 18·3 | 72 | 62 | 78 | 12·4 | 12·0 | 12·1 | 5 | 5 | 6 | WNW | 26 | WNW | 43 | WNW | 34 | 0·0 | 2·3 |
| 16 | 54·5 | 55·2 | 55·6 | 21·6 | 17·5 | 18·8 | 20·4 | 18·5 | 81 | 78 | 86 | 13·0 | 13·9 | 13·7 | 8 | 8 | 0 | NW | 39 | NW | 34 | N | 25 | 0·0 | 1·4 |
| 17 | 58·2 | 57·7 | 58·0 | 23·2 | 18·0 | 19·7 | 20·8 | 18·4 | 90 | 75 | 84 | 15·3 | 13·6 | 13·3 | 5 | 4 | 7 | N | 22 | NW | 40 | N | 26 | 0·0 | 1·5 |
| 18 | 58·7 | 57·9 | 57·4 | 25·2 | 17·5 | 19·4 | 21·5 | 18·0 | 82 | 66 | 84 | 13·7 | 12·6 | 12·9 | 5 | 3 | 9 | N | 20 | NW | 24 | N | 16 | 0·0 | 1·0 |
| 19 | 57·9 | 57·4 | 55·9 | 29·5 | 15·6 | 20·2 | 27·6 | 23·4 | 55 | 20 | 36 | 9·8 | 5·6 | 7·9 | 10 | 10 | 0 | SW | 6 | W | 19 | SE | 19 | 0·0 | 5·0 |
| 20 | 55·9 | 56·0 | 57·2 | 26·3 | 19·0 | 20·2 | 23·8 | 20·0 | 84 | 75 | 87 | 14·9 | 16·2 | 15·1 | 10 | 7 | 9 | W | 5 | W | 33 | NNE | 17 | 0·0 | 1·0 |
| 21 | 59·3 | 57·1 | 56·8 | 24·7 | 18·9 | 20·5 | 22·8 | 20·6 | 86 | 68 | 83 | 15·4 | 14·0 | 15·0 | 7 | 0 | 0 | NE | 14 | NE | 22 | NE | 21 | Drops | 1·6 |
| 22 | 55·9 | 54·8 | 53·0 | 30·8 | 18·4 | 21·3 | 23·8 | 24·0 | 68 | 61 | 57 | 12·7 | 13·2 | 12·6 | 9 | 10 | 1 | S | 19 | NE | 24 | E | 24 | 0·0 | 4·0 |
| 23 | 52·8 | 53·8 | 55·0 | 25·1 | 19·4 | 20·1 | 22·0 | 19·6 | 92 | 79 | 90 | 16·0 | 15·5 | 15·3 | 10 | 10 | 5 | W | 41 | W | 28 | W | 19 | Drops | 1·0 |
| 24 | 56·4 | 56·4 | 56·1 | 25·3 | 18·0 | 19·6 | 21·5 | 19·2 | 76 | 72 | 81 | 12·8 | 13·7 | 13·4 | 0 | 0 | 0 | NW | 14 | NW | 29 | NE | 28 | 0·0 | 1·2 |
| 25 | 57·3 | 57·6 | 57·9 | 25·2 | 17·8 | 21·2 | 22·0 | 19·0 | 78 | 67 | 72 | 14·5 | 13·2 | 11·7 | 5 | 1 | 0 | W | 16 | W | 31 | N | 19 | 0·0 | 2·0 |
| 26 | 59·7 | 59·8 | 59·9 | 23·8 | 17·2 | 20·4 | 21·2 | 19·0 | 66 | 61 | 72 | 11·7 | 11·2 | 11·7 | 5 | 3 | 3 | W | 20 | W | 36 | NW | 29 | 0·0 | 2·0 |
| 27 | 59·6 | 59·7 | 60·0 | 25·2 | 17·5 | 20·6 | 22·2 | 19·0 | 74 | 66 | 72 | 13·5 | 13·1 | 11·7 | 3 | 3 | 3 | W | 24 | NW | 25 | NNW | 17 | 0·0 | 2·3 |
| 28 | 60·5 | 60·0 | 60·4 | 23·9 | 17·8 | 20·1 | 21·6 | 19·0 | 63 | 61 | 70 | 11·0 | 11·6 | 11·4 | 5 | 5 | 5 | W | 20 | NW | 22 | NNW | 24 | 0·0 | 2·8 |
| 29 | 61·1 | 60·6 | 60·4 | 23·8 | 18·0 | 20·0 | 21·4 | 19·1 | 67 | 70 | 80 | 11·7 | 13·3 | 13·1 | 1 | 1 | 2 | NW | 17 | W | 16 | NW | 14 | 0·0 | 1·4 |
| 30 | 60·1 | 59·7 | 59·6 | 24·2 | 17·6 | 19·8 | 21·6 | 19·0 | 76 | 67 | 76 | 13·0 | 12·8 | 12·4 | 5 | 0 | 0 | N | 5 | NW | 18 | N | 8 | 0·0 | 1·2 |
| 31 | 59·1 | 58·7 | 58·6 | 25·1 | 17·3 | 19·8 | 21·6 | 19·6 | 76 | 69 | 76 | 13·0 | 13·1 | 12·8 | 3 | 0 | 5 | NW | 5 | NW | 23 | N | 12 | 0·0 | 1·6 |
| Month | 57·11 | 56·84 | 56·73 | 25·9 | 17·2 | 19·8 | 22·8 | 19·6 | 73 | 61 | 73 | 12·6 | 12·2 | 12·2 | 5·5 | 3·8 | 2·8 | — | 17·7 | — | 25·9 | — | 19·1 | Drops | 2·27 |

**Remarks:**—7 ∞ $10^h$–$12^h$.—9 Ⓤ.—20 Ⓤ.—22 ●° $6^{40}$–$6^{43}$.—23 ●° $8^{07}$–$8^{09}$.

$C_h = + 3$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Vel. | Wind 14 h. Direct. | Vel. | Wind 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·0 | 57·7 | 57·9 | 24·1 | 18·4 | 20·6 | 21·8 | 19·8 | 77 | 72 | 81 | 13·9 | 14·0 | 13·9 | 5 | 0 | 0 | NW | 13 | NW | 22 | NW | 11 | 0·0 | 1·0 |
| 2 | 57·7 | 58·0 | 58·3 | 26·2 | 18·0 | 21·2 | 25·1 | 20·1 | 80 | 68 | 90 | 15·0 | 16·0 | 15·7 | 0 | 0 | 0 | NW | 13 | WNW | 18 | WNW | 12 | 0·0 | 0·6 |
| 3 | 59·2 | 56·9 | 58·9 | 25·8 | 18·4 | 20·6 | 22·8 | 20·2 | 82 | 78 | 93 | 14·7 | 16·2 | 16·3 | 3 | 3 | 1 | NW | 9 | N | 19 | N | 12 | 0·0 | 1·0 |
| 4 | 59·6 | 59·6 | 59·9 | 24·7 | 19·3 | 21·1 | 22·6 | 20·6 | 83 | 77 | 83 | 15·4 | 15·6 | 15·0 | 0 | 0 | 9 | NW | 15 | NW | 18 | N | 10 | 0·0 | 1·2 |
| 5 | 60·6 | 60·1 | 59·8 | 24·9 | 18·9 | 22·2 | 23·7 | 21·0 | 72 | 58 | 80 | 14·4 | 12·5 | 14·8 | 3 | 0 | 0 | NE | 6 | NE | 19 | NE | 12 | 0·0 | 1·0 |
| 6 | 59·4 | 58·4 | 57·9 | 24·8 | 19·5 | 22·0 | 23·6 | 21·0 | 74 | 75 | 91 | 14·5 | 16·0 | 16·8 | 0 | 0 | 0 | NE | 10 | N | 11 | N | 10 | 0·0 | 1·0 |
| 7 | 57·3 | 56·9 | 56·3 | 26·2 | 19·8 | 22·0 | 24·8 | 21·0 | 79 | 73 | 82 | 15·5 | 16·9 | 15·1 | 0 | 0 | 0 | N | 8 | N | 18 | N | 16 | 0·0 | 1·8 |
| 8 | 57·4 | 57·3 | 57·1 | 26·8 | 19·4 | 22·6 | 24·0 | 21·6 | 77 | 69 | 80 | 15·8 | 15·3 | 15·4 | 0 | 0 | 0 | W | 15 | NW | 21 | NW | 17 | 0·0 | 1·4 |
| 9 | 57·6 | 57·9 | 57·8 | 27·8 | 20·2 | 22·4 | 24·8 | 22·2 | 81 | 73 | 81 | 16·3 | 16·9 | 16·0 | 0 | 0 | 0 | NW | 15 | NW | 18 | N | 16 | 0·0 | 1·0 |
| 10 | 57·6 | 56·7 | 56·7 | 27·7 | 19·0 | 22·2 | 24·2 | 21·2 | 86 | 74 | 78 | 17·1 | 16·5 | 14·7 | 10 | 0 | 5 | W | 15 | NW | 14 | N | 26 | 0·0 | 2·2 |
| 11 | 56·7 | 56·6 | 56·6 | 26·8 | 19·4 | 21·4 | 24·8 | 20·9 | 68 | 63 | 79 | 12·8 | 14·6 | 14·5 | 3 | 5 | 6 | NW | 15 | W | 21 | NW | 18 | 0·0 | 2·0 |
| 12 | 56·7 | 56·2 | 56·5 | 27·2 | 19·8 | 22·5 | 25·8 | 21·4 | 76 | 69 | 83 | 15·3 | 17·0 | 15·7 | 0 | 0 | 0 | NW | 18 | W | 24 | W | 14 | 0·0 | 1·0 |
| 13 | 56·3 | 56·3 | 56·3 | 27·1 | 19·9 | 23·6 | 26·3 | 21·6 | 75 | 61 | 80 | 16·0 | 15·6 | 15·4 | 4 | 0 | 3 | W | 10 | W | 16 | N | 3 | 0·0 | 1·0 |
| 14 | 57·0 | 57·1 | 57·6 | 27·2 | 19·7 | 23·8 | 26·6 | 22·2 | 69 | 65 | 87 | 15·1 | 16·8 | 17·4 | 3 | 3 | 0 | NW | 15 | W | 17 | NW | 12 | 0·0 | 0·4 |
| 15 | 57·8 | 57·9 | 58·0 | 27·7 | 20·0 | 23·9 | 24·7 | 22·2 | 83 | 75 | 89 | 18·1 | 17·3 | 17·8 | 0 | 0 | 0 | NW | 10 | NW | 18 | NW | 15 | 0·0 | 1·2 |
| 16 | 57·8 | 58·2 | 58·2 | 27·7 | 21·2 | 22·8 | 24·6 | 21·6 | 79 | 59 | 74 | 16·4 | 13·0 | 14·1 | 0 | 0 | 0 | NW | 15 | NW | 22 | NW | 15 | 0·0 | 3·2 |
| 17 | 58·6 | 58·7 | 58·7 | 24·2 | 19·9 | 21·6 | 23·4 | 21·6 | 65 | 59 | 62 | 12·4 | 12·7 | 11·9 | 3 | 0 | 0 | N | 21 | NW | 23 | N | 22 | 0·0 | 4·0 |
| 18 | 58·8 | 58·9 | 59·2 | 23·2 | 18·9 | 20·6 | 22·9 | 20·6 | 67 | 60 | 68 | 12·1 | 12·4 | 12·2 | 8 | 1 | 1 | W | 20 | NW | 28 | NW | 19 | 0·0 | 3·8 |
| 19 | 60·0 | 60·0 | 59·6 | 24·1 | 18·9 | 21·0 | 23·2 | 20·8 | 60 | 64 | 80 | 11·0 | 13·6 | 14·6 | 0 | 0 | 2 | N | 16 | N | 16 | N | 16 | 0·0 | 1·4 |
| 20 | 60·0 | 59·3 | 59·2 | 25·5 | 20·0 | 22·4 | 24·4 | 21·6 | 77 | 72 | 79 | 15·6 | 16·4 | 15·1 | 3 | 0 | 0 | NE | 8 | N | 7 | NNE | 9 | 0·0 | 1·0 |
| 21 | 58·5 | 58·0 | 57·7 | 26·3 | 19·9 | 22·6 | 24·6 | 22·0 | 74 | 63 | 74 | 15·1 | 14·6 | 14·5 | 0 | 0 | 0 | NE | 4 | NNE | 15 | NNW | 8 | 0·0 | 2·0 |
| 22 | 57·6 | 57·3 | 57·4 | 26·2 | 20·4 | 23·2 | 25·4 | 22·0 | 76 | 70 | 89 | 15·9 | 16·8 | 17·5 | 0 | 0 | 0 | NNW | 10 | N | 8 | NW | 8 | 0·0 | 1·0 |
| 23 | 57·8 | 57·9 | 58·2 | 27·7 | 21·0 | 23·4 | 25·0 | 22·4 | 85 | 80 | 90 | 18·1 | 18·9 | 18·0 | 0 | 0 | 0 | NW | 14 | NW | 21 | NW | 8 | 0·0 | 0·6 |
| 24 | 58·4 | 57·9 | 57·7 | 27·7 | 20·0 | 24·4 | 25·5 | 22·0 | 80 | 72 | 82 | 18·2 | 17·5 | 16·2 | 0 | 0 | 8 | WNW | 16 | W | 20 | NW | 22 | 0·0 | 1·4 |
| 25 | 57·1 | 56·6 | 56·3 | 27·2 | 20·6 | 22·6 | 26·0 | 22·2 | 74 | 69 | 72 | 15·1 | 17·2 | 14·4 | 0 | 2 | 0 | NW | 15 | WNW | 27 | NW | 15 | 0·0 | 2·0 |
| 26 | 56·6 | 56·3 | 56·2 | 27·8 | 20·5 | 24·0 | 26·2 | 22·0 | 75 | 69 | 86 | 16·5 | 17·4 | 16·8 | 0 | 0 | 0 | W | 17 | W | 21 | NW | 8 | 0·0 | 1·1 |
| 27 | 56·4 | 56·1 | 56·4 | 28·8 | 20·0 | 22·8 | 24·8 | 22·8 | 83 | 68 | 81 | 17·0 | 15·8 | 16·7 | 0 | 0 | 0 | W | 5 | WNW | 14 | N | 5 | 0·0 | 1·1 |
| 28 | 55·5 | 56·0 | 56·7 | 33·4 | 20·8 | 24·9 | 28·8 | 22·9 | 58 | 39 | 84 | 13·4 | 11·5 | 17·3 | 0 | 0 | 0 | SSW | 13 | NW | 22 | NW | 27 | 0·0 | 2·0 |
| 29 | 57·5 | 57·6 | 57·8 | 26·2 | 20·5 | 22·6 | 24·4 | 22·0 | 74 | 69 | 80 | 15·1 | 15·7 | 15·8 | 1 | 0 | 0 | NW | 9 | NW | 21 | N | 10 | 0·0 | 1·8 |
| 30 | 58·6 | 59·0 | 59·0 | 27·2 | 20·1 | 23·6 | 25·1 | 22·2 | 74 | 65 | 72 | 15·9 | 15·3 | 14·4 | 5 | 5 | 5 | W | 9 | NNW | 22 | N | 12 | 0·0 | 1·6 |
| Month | 57·94 | 57·71 | 57·80 | 26·6 | 19·7 | 22·5 | 24·7 | 21·5 | 75 | 68 | 81 | 15·3 | 15·6 | 15·5 | 1·7 | 0·6 | 1·3 | — | 12·6 | — | 18·7 | — | 13·6 | 0·0 | 1·53 |

**Remarks:**—9 ≋ $6^h$–$7^{10}$.—14 ⌓ n.—15 ⌓ n.—22 ⌓ n.—23 ⌓ n.—28 ⌓ n.

# ALEXANDRIA (Kôm el Nadûra).

φ = 31° 11′ 36″ N. λ = 29° 53′ 10″ E. H = 32·0 m. $h_t$ = 1·7 m. $h_r$ = 2·0 m.

$C_h$ = + 3 mm.

## July 1913.

| Date | Standard Pressure (mm.) | | | AIR TEMPERATURE (°C) | | | | | Relative Humidity (per cent) | | | Vapour Pressure (mm.) | | | Clouds Amount (0-10) | | | WIND DIRECTION AND VELOCITY (kilometres per hour) | | | | | | Rain in 24 hours | Evaporation (in 24 hours |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | | 14 h. | | 20 h. | | | |
| | 700 + | | | | | | | | | | | | | | | | | Direct. | Vel. | Direct. | Vel. | Direct. | Vel. | (mm.) | (mm. |
| 1 | 58·8 | 58·4 | 58·4 | 25·5 | 20·9 | 22·8 | 25·0 | 22·2 | 65 | 57 | 64 | 13·4 | 13·3 | 12·8 | 5 | 5 | 5 | N | 8 | N | 13 | N | 11 | 0·0 | 2·1 |
| 2 | 58·5 | 58·2 | 58·2 | 25·8 | 20·0 | 21·6 | 24·4 | 22·1 | 67 | 63 | 76 | 12·8 | 14·4 | 15·1 | 5 | 5 | 6 | NW | 8 | NNW | 15 | NNW | 17 | 0·0 | 2·1 |
| 3 | 58·6 | 58·7 | 58·6 | 25·9 | 20·6 | 22·6 | 25·0 | 22·2 | 66 | 65 | 74 | 13·5 | 15·3 | 14·7 | 8 | 5 | 0 | NW | 15 | N | 15 | NNW | 17 | 0·0 | 2·6 |
| 4 | 58·9 | 59·0 | 58·6 | 28·0 | 20·6 | 22·4 | 26·0 | 22·6 | 74 | 65 | 77 | 14·9 | 16·1 | 15·8 | 0 | 0 | 0 | NW | 13 | NNW | 20 | NW | 16 | 0·0 | 1·8 |
| 5 | 59·0 | 58·4 | 58·1 | 29·4 | 21·8 | 24·9 | 27·8 | 23·6 | 69 | 67 | 79 | 16·1 | 18·7 | 17·1 | 0 | 0 | 0 | W | 12 | WNW | 22 | NNW | 15 | 0·0 | 1·8 |
| 6 | 57·1 | 57·0 | 57·4 | 30·2 | 21·7 | 25·6 | 27·6 | 24·6 | 76 | 67 | 74 | 18·5 | 18·4 | 17·0 | 0 | 0 | 0 | W | 10 | WNW | 13 | N | 5 | 0·0 | 1·0 |
| 7 | 57·0 | 56·7 | 57·1 | 32·1 | 21·8 | 26·4 | 27·4 | 23·4 | 73 | 71 | 88 | 18·6 | 19·3 | 18·8 | 0 | 0 | 2 | NW | 15 | NW | 22 | NW | 20 | 0·0 | 2·2 |
| 8 | 57·8 | 57·4 | 57·3 | 28·1 | 21·5 | 23·9 | 25·9 | 23·6 | 68 | 72 | 88 | 15·0 | 17·6 | 19·0 | 5 | 5 | 0 | NW | 13 | NW | 17 | NNW | 16 | 0·0 | 1·2 |
| 9 | 57·8 | 57·2 | 57·3 | 28·3 | 22·2 | 25·4 | 26·2 | 24·6 | 80 | 75 | 92 | 19·4 | 18·9 | 21·0 | 0 | 0 | 0 | W | 5 | NNW | 17 | N | 3 | 0·0 | 1·2 |
| 10 | 57·7 | 56·6 | 56·4 | 30·5 | 22·9 | 25·2 | 27·0 | 25·5 | 81 | 66 | 75 | 19·2 | 17·3 | 18·2 | 0 | 0 | 0 | NW | 11 | NW | 22 | NW | 18 | 0·0 | 2·6 |
| 11 | 56·4 | 55·9 | 55·7 | 30·6 | 22·6 | 26·2 | 29·0 | 24·2 | 72 | 61 | 82 | 18·2 | 18·1 | 18·3 | 0 | 0 | 0 | W | 16 | NW | 21 | NW | 5 | 0·0 | 1·4 |
| 12 | 55·9 | 56·0 | 56·4 | 30·9 | 22·7 | 26·2 | 29·7 | 26·4 | 78 | 52 | 52 | 19·7 | 16·0 | 13·1 | 0 | 0 | 0 | Calm | 0 | NW | 12 | NE | 5 | 0·0 | 4·0 |
| 13 | 56·5 | 56·1 | 56·6 | 38·7 | 23·3 | 27·4 | 33·0 | 25·4 | 40 | 39 | 84 | 10·9 | 14·7 | 20·2 | 0 | 0 | 0 | S | 7 | N | 11 | NE | 12 | 0·0 | 2·2 |
| 14 | 58·2 | 58·2 | 57·9 | 27·4 | 22·9 | 24·6 | 25·6 | 24·0 | 77 | 67 | 66 | 17·7 | 16·4 | 14·6 | 6 | 1 | 0 | N | 11 | N | 15 | N | 14 | 0·0 | 3·0 |
| 15 | 56·8 | 56·3 | 55·9 | 28·4 | 22·6 | 24·8 | 27·2 | 24·2 | 72 | 60 | 72 | 16·7 | 16·1 | 16·2 | 1 | 0 | 1 | NW | 15 | NW | 22 | NW | 23 | 0·0 | 3·9 |
| 16 | 54·8 | 54·5 | 54·7 | 28·3 | 23·3 | 24·6 | 25·8 | 24·4 | 73 | 67 | 80 | 16·6 | 16·6 | 18·0 | 3 | 0 | 0 | NW | 20 | NW | 20 | N | 16 | 0·0 | 1·4 |
| 17 | 54·7 | 54·8 | 54·7 | 30·2 | 22·4 | 24·4 | 27·7 | 23·9 | 85 | 73 | 92 | 19·3 | 20·1 | 20·4 | 7 | 5 | 5 | W | 17 | W | 23 | W | 9 | 0·0 | 1·0 |
| 18 | 54·8 | 55·6 | 55·1 | 30·1 | 22·9 | 25·4 | 28·8 | 24·6 | 79 | 72 | 87 | 19·0 | 21·2 | 19·9 | 5 | 0 | 0 | W | 8 | WNW | 14 | NW | 13 | 0·0 | 1·2 |
| 19 | 55·2 | 55·7 | 56·0 | 28·4 | 22·4 | 25·6 | 26·0 | 24·0 | 81 | 72 | 68 | 19·7 | 17·9 | 15·1 | 3 | 0 | 0 | W | 12 | NW | 23 | N | 22 | 0·0 | 2·1 |
| 20 | 55·9 | 56·1 | 56·3 | 29·1 | 22·4 | 24·0 | 26·8 | 23·6 | 69 | 61 | 75 | 15·3 | 16·0 | 16·2 | 6 | 4 | 5 | NW | 16 | NW | 16 | NW | 12 | 0·0 | 2·2 |
| 21 | 56·3 | 56·1 | 56·1 | 28·5 | 22·0 | 24·0 | 27·0 | 23·8 | 69 | 64 | 74 | 15·3 | 16·9 | 16·1 | 6 | 5 | 5 | W | 10 | WNW | 22 | NW | 18 | 0·0 | 2·2 |
| 22 | 55·6 | 55·4 | 54·9 | 28·9 | 22·6 | 24·3 | 27·3 | 24·0 | 76 | 70 | 82 | 17·2 | 19·0 | 18·1 | 3 | 0 | 3 | NW | 9 | NW | 24 | NW | 18 | 0·0 | 1·9 |
| 23 | 53·8 | 53·5 | 53·5 | 30·1 | 23·0 | 25·2 | 27·6 | 24·6 | 69 | 59 | 64 | 16·3 | 16·2 | 14·7 | 0 | 0 | 0 | NW | 18 | NW | 24 | NW | 21 | 0·0 | 2·4 |
| 24 | 52·9 | 52·9 | 53·4 | 30·2 | 22·8 | 25·7 | 27·2 | 24·0 | 73 | 69 | 85 | 17·7 | 18·7 | 18·8 | 2 | 0 | 4 | W | 13 | NW | 25 | NW | 14 | 0·0 | 1·0 |
| 25 | 54·9 | 55·6 | 55·7 | 30·2 | 22·0 | 25·2 | 28·3 | 23·6 | 73 | 63 | 84 | 17·3 | 18·0 | 18·1 | 4 | 0 | 0 | W | 9 | W | 17 | Calm | 1 | 0·0 | 1·2 |
| 26 | 56·8 | 56·4 | 55·8 | 29·9 | 21·3 | 24·0 | 26·9 | 24·0 | 79 | 69 | 85 | 17·4 | 18·1 | 18·8 | 5 | 0 | 4 | SW | 5 | NW | 20 | NW | 20 | 0·0 | 1·4 |
| 27 | 55·1 | 55·1 | 54·6 | 27·7 | 22·7 | 24·2 | 26·8 | 24·0 | 68 | 59 | 74 | 15·1 | 15·5 | 16·3 | 5 | 5 | 7 | NW | 20 | NW | 23 | NW | 26 | Drops | 3·2 |
| 28 | 53·6 | 53·8 | 54·0 | 27·3 | 23·4 | 24·8 | 26·3 | 24·0 | 69 | 68 | 74 | 16·2 | 17·2 | 16·3 | 0 | 3 | 0 | NW | 25 | NW | 32 | NW | 26 | 0·0 | 3·6 |
| 29 | 54·6 | 54·7 | 54·7 | 29·3 | 23·0 | 25·8 | 28·6 | 24·4 | 70 | 64 | 71 | 17·3 | 18·6 | 16·1 | 3 | 3 | 0 | NW | 22 | W | 20 | NW | 10 | 0·0 | 2·6 |
| 30 | 55·9 | 56·2 | 56·5 | 28·8 | 22·4 | 25·3 | 26·8 | 24·0 | 74 | 64 | 72 | 17·6 | 16·7 | 16·0 | 5 | 1 | 0 | NW | 14 | W | 16 | N | 16 | 0·0 | 2·2 |
| 31 | 56·8 | 56·7 | 56·7 | 30·3 | 22·9 | 24·8 | 28·6 | 24·0 | 65 | 57 | 72 | 15·1 | 16·3 | 19·0 | 5 | 4 | 0 | NW | 8 | W | 19 | NW | 20 | 0·0 | 2·2 |
| Month | 56·35 | 56·23 | 56·21 | 29·3 | 22·2 | 24·8 | 27·2 | 24·0 | 72 | 64 | 77 | 16·7 | 17·2 | 17·0 | 3·0 | 1·6 | 1·5 | — | 12·4 | — | 19·2 | — | 14·8 | Drops | 2·09 |

**Remarks**:—9 ⌓ *n*.—27 ●° $10^{45}$–$10^{47}$.

$C_h$ = + 3 mm.

## August 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56·6 | 56·1 | 55·9 | 30·3 | 21·9 | 24·6 | 29·2 | 24·4 | 76 | 59 | 77 | 17·3 | 17·8 | 17·5 | 0 | 0 | 0 | NW | 8 | NW | 10 | Calm | 0 | 0·0 | 3·0 |
| 2 | 54·9 | 54·3 | 54·9 | 32·4 | 22·4 | 25·4 | 28·8 | 24·0 | 49 | 68 | 79 | 11·8 | 20·0 | 17·4 | 0 | 0 | 0 | S | 13 | W | 29 | NW | 26 | 0·0 | 3·6 |
| 3 | 55·9 | 55·9 | 56·2 | 29·3 | 22·8 | 25·3 | 27·2 | 23·6 | 72 | 60 | 70 | 17·3 | 16·1 | 15·2 | 5 | 2 | 2 | W | 15 | NW | 25 | NW | 17 | 0·0 | 2·4 |
| 4 | 55·5 | 56·3 | 56·1 | 29·7 | 21·0 | 25·3 | 27·6 | 24·0 | 66 | 54 | 72 | 15·8 | 14·8 | 16·0 | 3 | 4 | 4 | W | 16 | WNW | 21 | NW | 19 | 0·0 | 2·8 |
| 5 | 56·2 | 56·5 | 56·7 | 29·1 | 22·3 | 24·4 | 26·8 | 24·0 | 71 | 64 | 75 | 16·1 | 16·7 | 16·6 | 1 | 3 | 4 | W | 14 | NW | 18 | NW | 18 | 0·0 | 2·9 |
| 6 | 56·7 | 57·2 | 57·0 | 28·4 | 22·9 | 24·4 | 27·0 | 24·2 | 66 | 57 | 66 | 14·9 | 15·2 | 14·8 | 1 | 5 | 5 | NW | 12 | NW | 20 | NW | 15 | 0·0 | 2·0 |
| 7 | 55·7 | 55·4 | 55·4 | 29·3 | 23·1 | 25·0 | 27·4 | 24·4 | 67 | 66 | 77 | 15·7 | 17·8 | 17·5 | 4 | 4 | 4 | NW | 18 | NW | 20 | NNW | 14 | 0·0 | 2·4 |
| 8 | 54·8 | 54·4 | 54·5 | 29·8 | 23·3 | 25·1 | 28·6 | 24·8 | 75 | 65 | 79 | 17·7 | 19·0 | 18·3 | 0 | 0 | 0 | NW | 13 | NW | 18 | NW | 14 | 0·0 | 1·6 |
| 9 | 54·3 | 54·2 | 54·0 | 31·5 | 23·2 | 26·2 | 30·6 | 24·9 | 84 | 60 | 88 | 21·2 | 19·6 | 20·5 | 8 | 0 | 5 | W | 12 | W | 20 | W | 14 | 0·0 | 2·1 |
| 10 | 54·5 | 54·2 | 54·9 | 29·8 | 23·9 | 26·0 | 27·4 | 24·6 | 72 | 68 | 82 | 17·9 | 18·4 | 18·8 | 0 | 7 | 9 | NW | 20 | NW | 25 | NW | 14 | 0·0 | 2·1 |
| 11 | 55·5 | 55·2 | 55·7 | 29·8 | 23·9 | 25·4 | 27·5 | 24·8 | 73 | 72 | 87 | 17·6 | 19·6 | 20·2 | 8 | 2 | 5 | NW | 10 | NW | 22 | NW | 16 | 0·0 | 1·4 |
| 12 | 56·1 | 55·8 | 55·0 | 30·2 | 23·3 | 25·1 | 28·2 | 24·0 | 80 | 71 | 86 | 18·8 | 20·4 | 19·2 | 3 | 0 | 0 | W | 14 | WNW | 20 | W | 16 | 0·0 | 1·5 |
| 13 | 54·1 | 53·9 | 53·9 | 29·1 | 22·9 | 25·0 | 27·2 | 24·4 | 80 | 73 | 83 | 18·9 | 19·8 | 18·9 | 1 | 0 | 3 | W | 10 | NW | 18 | NW | 12 | 0·0 | 1·8 |
| 14 | 54·1 | 54·0 | 53·9 | 29·7 | 22·8 | 25·3 | 26·8 | 24·0 | 73 | 66 | 84 | 17·4 | 17·1 | 18·6 | 0 | 0 | 0 | NW | 5 | W | 15 | N | 8 | 0·0 | 1·6 |
| 15 | 54·3 | 54·3 | 54·8 | 28·8 | 22·1 | 25·0 | 27·0 | 24·4 | 77 | 66 | 87 | 18·0 | 17·3 | 19·6 | 3 | 0 | 2 | Calm | 0 | N | 8 | N | 4 | 0·0 | 1·2 |
| 16 | 56·4 | 56·8 | 57·4 | 30·8 | 23·5 | 25·4 | 27·6 | 24·8 | 80 | 74 | 85 | 19·4 | 20·4 | 19·8 | 0 | 0 | 0 | NE | 2 | NE | 12 | NE | 4 | 0·0 | 1·0 |
| 17 | 58·2 | 58·2 | 58·6 | 29·8 | 23·4 | 25·0 | 26·9 | 24·4 | 79 | 66 | 74 | 18·5 | 17·4 | 16·7 | 5 | 5 | 5 | NNW | 4 | N | 12 | N | 6 | 0·0 | 2·6 |
| 18 | 58·2 | 57·5 | 57·2 | 27·9 | 22·9 | 24·4 | 26·5 | 24·3 | 74 | 64 | 75 | 16·7 | 16·2 | 16·8 | 6 | 3 | 3 | N | 4 | NNE | 13 | N | 19 | 0·0 | 2·8 |
| 19 | 56·6 | 55·7 | 55·1 | 29·4 | 23·4 | 25·0 | 26·8 | 24·8 | 69 | 68 | 77 | 16·2 | 17·6 | 17·9 | 5 | 6 | 7 | NW | 9 | NW | 16 | NW | 11 | 0·0 | 2·1 |
| 20 | 53·7 | 52·8 | 52·6 | 30·5 | 23·3 | 25·2 | 29·0 | 24·6 | 79 | 64 | 83 | 18·8 | 19·1 | 19·2 | 6 | 1 | 4 | NW | 8 | W | 16 | NW | 3 | 0·0 | 1·4 |
| 21 | 52·4 | 52·2 | 52·3 | 30·6 | 22·9 | 25·8 | 27·4 | 24·9 | 78 | 74 | 89 | 19·2 | 20·1 | 20·9 | 3 | 0 | 0 | W | 2 | NW | 10 | NW | 8 | 0·0 | 1·1 |
| 22 | 54·0 | 54·0 | 55·0 | 30·6 | 22·9 | 25·8 | 29·2 | 25·2 | 81 | 71 | 88 | 19·9 | 21·4 | 21·1 | 7 | 0 | 4 | W | 10 | NW | 12 | W | 4 | 0·0 | 1·2 |
| 23 | 56·2 | 56·5 | 56·9 | 30·9 | 23·3 | 26·0 | 30·0 | 25·0 | 81 | 67 | 85 | 20·2 | 21·3 | 20·0 | 0 | 0 | 5 | W | 2 | W | 12 | NW | 17 | 0·0 | 1·1 |
| 24 | 57·6 | 57·2 | 57·9 | 30·3 | 23·4 | 25·2 | 27·8 | 24·6 | 79 | 76 | 69 | 18·8 | 21·0 | 16·0 | 8 | 0 | 0 | NW | 9 | NW | 17 | NW | 17 | 0·0 | 1·1 |
| 25 | 57·5 | 57·4 | 57·7 | 29·8 | 23·2 | 25·2 | 27·4 | 24·8 | 70 | 57 | 69 | 16·6 | 15·6 | 16·2 | 5 | 5 | 4 | NW | 13 | NW | 18 | NW | 9 | 0·0 | 2·1 |
| 26 | 58·3 | 58·0 | 58·1 | 28·8 | 23·0 | 25·1 | 26·6 | 24·4 | 67 | 65 | 73 | 15·8 | 16·8 | 16·6 | 7 | 0 | 0 | NE | 3 | N | 10 | NW | 9 | 0·0 | 2·2 |
| 27 | 57·5 | 56·5 | 56·7 | 31·1 | 23·1 | 26·2 | 30·2 | 25·1 | 67 | 61 | 75 | 17·1 | 19·5 | 17·7 | 3 | 5 | 5 | W | 10 | W | 22 | NW | 11 | 0·0 | 2·2 |
| 28 | 56·1 | 55·7 | 55·6 | 30·9 | 23·5 | 26·2 | 27·8 | 24·4 | 67 | 67 | 82 | 17·1 | 18·7 | 18·5 | 5 | 2 | 0 | NW | 11 | W | 15 | NNE | 2 | 0·0 | 2·2 |
| 29 | 56·1 | 56·0 | 56·6 | 31·3 | 22·3 | 25·0 | 30·0 | 25·0 | 77 | 62 | 77 | 18·2 | 19·7 | 18·2 | 1 | 0 | 0 | SW | 4 | WNW | 15 | NE | 6 | 0·0 | 2·0 |
| 30 | 57·8 | 57·9 | 58·7 | 30·3 | 22·4 | 25·6 | 27·0 | 24·6 | 75 | 64 | 68 | 18·2 | 16·9 | 15·6 | 5 | 1 | 0 | Calm | 0 | NW | 6 | NE | 7 | 0·0 | 2·4 |
| 31 | 60·0 | 60·5 | 60·1 | 28·5 | 21·7 | 24·4 | 27·0 | 24·6 | 60 | 63 | 67 | 13·7 | 16·6 | 15·4 | 3 | 2 | 2 | NE | 3 | NW | 13 | NW | 13 | 0·0 | 4·0 |
| Month | 55·99 | 55·83 | 55·98 | 30·0 | 22·9 | 25·3 | 27·9 | 24·5 | 73 | 66 | 78 | 17·4 | 18·3 | 17·9 | 3·4 | 1·8 | 2·6 | — | 8·8 | — | 16·4 | — | 11·4 | 0·0 | 2·06 |

**Remarks**:—

# ALEXANDRIA (Kôm el Nadûra).

φ = 31° 11′ 36″ N. λ = 29° 53′ 10″ E. H = 32·0 m. $h_t$ = 1·7 m. $h_r$ = 2·0 m.

$C_h$ = + 3 mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·2 | 58·6 | 57·9 | 28·3 | 23·5 | 25·2 | 27·6 | 24·6 | 64 | 61 | 66 | 15·2 | 16·6 | 15·2 | 6 | 6 | 2 | N | 12 | W | 15 | N | 20 | 0·0 | 4·0 |
| 2 | 56·6 | 56·2 | 55·7 | 29·8 | 23·7 | 25·2 | 27·0 | 24·8 | 67 | 66 | 79 | 15·9 | 17·3 | 18·3 | 7 | 5 | 2 | N | 10 | NNW | 15 | NNW | 9 | 0·0 | 2·2 |
| 3 | 56·2 | 56·4 | 56·6 | 30·4 | 23·8 | 24·9 | 28·8 | 25·2 | 77 | 62 | 81 | 17·9 | 18·1 | 19·2 | 4 | 0 | 0 | NW | 8 | W | 17 | N | 10 | 0·0 | 2·0 |
| 4 | 57·1 | 57·1 | 57·6 | 29·8 | 24·0 | 25·6 | 27·2 | 26·0 | 76 | 71 | 71 | 18·5 | 19·1 | 17·6 | 1 | 0 | 0 | NW | 5 | NW | 13 | NW | 9 | 0·0 | 2·2 |
| 5 | 57·1 | 56·9 | 57·1 | 29·3 | 23·9 | 26·0 | 27·8 | 25·0 | 73 | 71 | 82 | 18·3 | 19·8 | 19·3 | 0 | 0 | 5 | N | 9 | N | 13 | N | 8 | 0·0 | 2·0 |
| 6 | 57·2 | 56·3 | 56·6 | 29·9 | 23·3 | 25·4 | 27·2 | 24·6 | 70 | 63 | 80 | 16·8 | 16·8 | 18·3 | 6 | 0 | 5 | NNW | 8 | WNW | 9 | NW | 4 | 0·0 | 2·6 |
| 7 | 57·0 | 56·3 | 56·6 | 29·3 | 23·4 | 24·8 | 27·6 | 24·8 | 76 | 68 | 79 | 17·5 | 18·8 | 18·3 | 5 | 0 | 0 | NW | 8 | NW | 11 | NW | 8 | 0·0 | 2·1 |
| 8 | 57·3 | 56·9 | 57·3 | 30·9 | 23·4 | 25·6 | 28·4 | 24·8 | 73 | 60 | 82 | 17·8 | 17·2 | 19·0 | 0 | 0 | 0 | N | 2 | NW | 16 | NW | 8 | 0·0 | 2·2 |
| 9 | 57·7 | 57·6 | 57·8 | 29·7 | 23·8 | 25·6 | 27·0 | 24·4 | 76 | 64 | 71 | 18·5 | 16·8 | 16·1 | 0 | 3 | 5 | NNW | 12 | NNE | 23 | NW | 22 | 0·0 | 3·0 |
| 10 | 57·8 | 57·1 | 57·4 | 28·3 | 23·5 | 24·2 | 27·2 | 24·4 | 72 | 59 | 74 | 16·2 | 15·7 | 16·7 | 5 | 5 | 5 | N | 12 | N | 17 | NNW | 9 | 0·0 | 2·4 |
| 11 | 57·9 | 57·6 | 58·3 | 28·3 | 23·3 | 24·8 | 27·2 | 24·9 | 73 | 67 | 78 | 16·9 | 17·9 | 18·2 | 5 | 5 | 5 | N | 5 | N | 9 | NNE | 5 | 0·0 | 1·6 |
| 12 | 58·7 | 58·1 | 58·4 | 28·9 | 23·9 | 25·6 | 27·8 | 24·9 | 73 | 66 | 72 | 17·8 | 18·3 | 16·8 | 0 | 0 | 0 | NE | 4 | N | 9 | N | 6 | 0·0 | 1·9 |
| 13 | 58·5 | 57·6 | 58·2 | 29·8 | 22·9 | 24·6 | 27·0 | 25·4 | 80 | 74 | 80 | 18·3 | 19·6 | 19·4 | 0 | 0 | 0 | NW | 4 | NNW | 10 | NW | 4 | 0·0 | 1·8 |
| 14 | 58·5 | 58·0 | 58·1 | 29·9 | 23·9 | 25·8 | 29·4 | 26·2 | 87 | 58 | 82 | 21·5 | 17·7 | 20·8 | 0 | 0 | 0 | Calm | 1 | N | 8 | N | 6 | 0·0 | 1·6 |
| 15 | 58·7 | 57·9 | 57·9 | 31·9 | 24·0 | 27·6 | 29·6 | 27·2 | 73 | 61 | 72 | 20·0 | 18·7 | 19·4 | 0 | 0 | 0 | Calm | 0 | N | 12 | NE | 6 | 0·0 | 3·6 |
| 16 | 57·5 | 56·6 | 56·0 | 31·3 | 25·9 | 27·4 | 30·4 | 25·8 | 66 | 59 | 81 | 17·8 | 19·0 | 19·9 | 0 | 0 | 0 | N | 12 | WNW | 16 | NW | 9 | 0·0 | 3·0 |
| 17 | 54·9 | 54·3 | 54·9 | 29·4 | 23·3 | 25·9 | 27·8 | 25·6 | 78 | 79 | 84 | 19·3 | 22·0 | 20·4 | 0 | 4 | 0 | NNW | 7 | N | 8 | NNW | 10 | 0·0 | 1·9 |
| 18 | 55·5 | 55·5 | 56·2 | 29·9 | 23·8 | 25·8 | 28·6 | 25·8 | 87 | 72 | 79 | 21·5 | 20·9 | 19·5 | 0 | 0 | 0 | NE | 4 | N | 8 | NE | 3 | 0·0 | 1·9 |
| 19 | 56·7 | 56·8 | 58·1 | 31·9 | 23·5 | 25·8 | 29·4 | 25·2 | 81 | 62 | 85 | 19·9 | 18·8 | 20·3 | 1 | 0 | 0 | N | 2 | WNW | 6 | Calm | 1 | 0·0 | 1·4 |
| 20 | 58·7 | 58·6 | 59·0 | 31·8 | 22·9 | 26·6 | 28·0 | 25·0 | 77 | 70 | 85 | 19·8 | 19·7 | 20·0 | 3 | 0 | 3 | NW | 4 | NW | 14 | NW | 16 | 0·0 | 2·1 |
| 21 | 59·5 | 58·6 | 58·5 | 30·9 | 24·0 | 25·8 | 29·4 | 25·6 | 72 | 63 | 69 | 17·7 | 19·2 | 16·7 | 0 | 0 | 0 | W | 12 | NW | 15 | N | 11 | 0·0 | 2·9 |
| 22 | 58·0 | 56·7 | 57·3 | 30·8 | 23·4 | 25·0 | 27·8 | 24·4 | 74 | 58 | 65 | 17·5 | 16·1 | 14·7 | 4 | 3 | 5 | NW | 14 | W | 18 | NW | 21 | 0·0 | 3·6 |
| 23 | 57·0 | 56·9 | 56·9 | 30·4 | 23·0 | 25·0 | 29·6 | 24·0 | 61 | 52 | 79 | 14·3 | 16·1 | 17·4 | 5 | 5 | 0 | W | 6 | W | 11 | N | 5 | 0·0 | 2·4 |
| 24 | 57·3 | 58·1 | 58·7 | 29·3 | 20·4 | 23·9 | 26·8 | 23·8 | 69 | 54 | 64 | 15·2 | 13·9 | 14·0 | 0 | 0 | 0 | SW | 6 | NW | 16 | W | 11 | 0·0 | 2·9 |
| 25 | 59·4 | 58·9 | 59·4 | 30·8 | 22·3 | 24·2 | 28·0 | 23·8 | 60 | 45 | 72 | 14·3 | 12·8 | 15·7 | 2 | 0 | 3 | Calm | 0 | W | 13 | N | 14 | 0·0 | 2·2 |
| 26 | 59·2 | 58·5 | 59·2 | 29·6 | 19·9 | 23·8 | 26·4 | 23·2 | 71 | 55 | 68 | 15·4 | 13·8 | 14·4 | 2 | 0 | 2 | Calm | 0 | W | 11 | NE | 6 | 0·0 | 2·1 |
| 27 | 59·3 | 59·3 | 60·6 | 28·9 | 20·1 | 23·3 | 26·6 | 23·0 | 71 | 57 | 66 | 15·0 | 14·7 | 13·9 | 5 | 0 | 0 | Calm | 0 | NW | 6 | NE | 4 | 0·0 | 1·9 |
| 28 | 60·6 | 60·0 | 60·7 | 31·3 | 19·8 | 22·7 | 27·6 | 23·4 | 70 | 44 | 69 | 14·2 | 12·4 | 14·6 | 0 | 0 | 0 | S | 4 | S | 4 | S | 6 | 0·0 | 3·0 |
| 29 | 59·9 | 59·1 | 59·6 | 30·3 | 19·0 | 21·6 | 29·6 | 23·6 | 69 | 61 | 67 | 13·1 | 18·7 | 14·5 | 0 | 4 | 1 | S | 8 | W | 12 | N | 18 | 0·0 | 3·0 |
| 30 | 59·7 | 58.9 | 59·3 | 27·7 | 21·3 | 24·0 | 25·8 | 23·4 | 63 | 52 | 58 | 13·9 | 12·8 | 12·4 | 6 | 5 | 3 | NW | 12 | NW | 17 | NW | 26 | Drops | 3·4 |
| Month | 57·96 | 57·51 | 57·86 | 30·0 | 22·9 | 25·1 | 28·0 | 24·8 | 73 | 62 | 75 | 17·2 | 17·3 | 17·4 | 2·2 | 1·5 | 1·5 | — | 6·4 | — | 12·4 | — | 9·8 | Drops | 2·43 |

**Remarks:**—30 ●° $10^{05}$–$10^{55}$.

$C_h$ = + 3 mm.

## October 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain | Evaporation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·5 | 58·7 | 59·3 | 26·8 | 22·0 | 23·2 | 25·2 | 23·0 | 58 | 55 | 64 | 12·2 | 12·9 | 13·2 | 3 | 3 | 3 | N | 12 | NW | 20 | NW | 15 | 0·0 | 4·1 |
| 2 | 60·5 | 60·6 | 61·2 | 28·7 | 22·1 | 23·8 | 26·0 | 23·4 | 67 | 62 | 72 | 14·7 | 15·4 | 15·3 | 5 | 5 | 1 | NW | 9 | NNW | 14 | NW | 13 | 0·0 | 3·0 |
| 3 | 61·5 | 61·0 | 61·9 | 27·7 | 22·3 | 24·0 | 26·1 | 23·8 | 66 | 60 | 69 | 14·6 | 15·0 | 15·1 | 5 | 4 | 2 | N | 5 | N | 5 | NE | 8 | 0·0 | 2·0 |
| 4 | 62·4 | 61·4 | 61·3 | 27·4 | 21·9 | 24·6 | 26·0 | 23·2 | 66 | 52 | 67 | 15·1 | 13·0 | 14·1 | 5 | 0 | 0 | NE | 5 | NE | 8 | NE | 9 | 0·0 | 3·0 |
| 5 | 60·5 | 59·1 | 59·1 | 27·1 | 21·2 | 24·0 | 25·0 | 22·8 | 70 | 65 | 76 | 15·4 | 15·3 | 15·7 | 5 | 0 | 1 | Calm | 0 | NE | 5 | NE | 6 | 0·0 | 1·8 |
| 6 | 58·9 | 57·6 | 57·5 | 27·2 | 21·3 | 25·0 | 26·2 | 23·8 | 68 | 67 | 81 | 16·0 | 17·1 | 17·8 | 5 | 0 | 0 | E | 8 | NE | 8 | NE | 8 | 0·0 | 1·8 |
| 7 | 57·8 | 57·1 | 57·7 | 27·9 | 22·4 | 24·6 | 26·2 | 24·6 | 73 | 75 | 77 | 16·6 | 16·9 | 17·7 | 0 | 0 | 0 | N | 3 | N | 8 | NNW | 9 | 0·0 | 2·0 |
| 8 | 58·1 | 56·9 | 57·9 | 28·9 | 22·9 | 24·4 | 27·8 | 24·6 | 82 | 66 | 74 | 18·5 | 18·3 | 17·0 | 5 | 0 | 0 | NW | 5 | N | 10 | N | 3 | 0·0 | 2·0 |
| 9 | 58·3 | 57·4 | 57·6 | 28·3 | 23·4 | 25·2 | 26·6 | 23·8 | 79 | 75 | 86 | 18·8 | 19·4 | 18·9 | 0 | 0 | 2 | NE | 5 | NE | 5 | NE | 6 | 0·0 | 1·0 |
| 10 | 57·6 | 56·7 | 57·7 | 28·3 | 22·9 | 24·4 | 27·0 | 24·2 | 82 | 74 | 90 | 18·5 | 19·6 | 20·2 | 0 | 0 | 2 | NNE | 8 | N | 10 | N | 10 | 0·0 | 1·5 |
| 11 | 58·4 | 57·7 | 58·4 | 28·1 | 23·2 | 24·8 | 27·0 | 24·0 | 76 | 63 | 83 | 17·5 | 16·6 | 18·4 | 0 | 0 | 0 | N | 11 | N | 10 | N | 8 | 0·0 | 2·0 |
| 12 | 59·0 | 57·8 | 58·3 | 30·4 | 22·9 | 24·6 | 26·2 | 24·6 | 76 | 64 | 68 | 17·3 | 16·0 | 15·6 | 0 | 0 | 0 | N | 2 | NW | 15 | NW | 10 | 0·0 | 1·9 |
| 13 | 58·1 | 57·0 | 56·9 | 29·7 | 21·2 | 25·8 | 25·8 | 23·6 | 78 | 73 | 80 | 19·2 | 18·1 | 17·2 | 0 | 0 | 0 | NW | 5 | NW | 12 | NW | 7 | 0·0 | 1·2 |
| 14 | 57·5 | 56·9 | 58·5 | 27·6 | 20·4 | 23·8 | 26·2 | 23·5 | 86 | 67 | 76 | 18·9 | 17·1 | 16·3 | 3 | 8 | 5 | Calm | 0 | NW | 8 | NE | 6 | 0·0 | 1·5 |
| 15 | 60·3 | 60·0 | 61·2 | 27·7 | 21·4 | 24·4 | 25·4 | 23·2 | 71 | 63 | 70 | 16·1 | 15·1 | 14·8 | 5 | 2 | 0 | Calm | 2 | NW | 8 | NE | 3 | 0·0 | 1·1 |
| 16 | 61·7 | 60·4 | 61·0 | 30·2 | 19·9 | 23·6 | 26·2 | 22·8 | 72 | 59 | 83 | 15·5 | 15·0 | 17·0 | 0 | 0 | 0 | Calm | 1 | NE | 2 | SE | 4 | 0·0 | 2·1 |
| 17 | 60·4 | 58·4 | 58·3 | 33·0 | 19·4 | 22·0 | 32·1 | 25·4 | 80 | 33 | 57 | 15·8 | 11·7 | 13·7 | 0 | 0 | 1 | S | 4 | Calm | 2 | SE | 4 | 0·0 | 4·2 |
| 18 | 58·2 | 58·9 | 60·0 | 27·2 | 19·9 | 24·4 | 26·0 | 22·8 | 82 | 52 | 60 | 18·5 | 13·0 | 12·4 | 7 | 1 | 0 | NW | 17 | NW | 16 | NW | 6 | 0·0 | 2·6 |
| 19 | 60·5 | 59·9 | 60·2 | 28·8 | 18·9 | 23·4 | 27·2 | 23·2 | 67 | 63 | 68 | 14·3 | 16·0 | 14·4 | 7 | 7 | 0 | Calm | 0 | W | 17 | NW | 6 | 0·0 | 1·6 |
| 20 | 60·7 | 59·1 | 59·2 | 29·3 | 18·4 | 21·8 | 28·4 | 23·0 | 74 | 51 | 59 | 14·3 | 14·6 | 12·3 | 3 | 3 | 0 | SW | 2 | SW | 10 | Calm | 0 | 0·0 | 2·0 |
| 21 | 58·7 | 57·4 | 58·3 | 30·3 | 17·8 | 20·8 | 27·2 | 23·8 | 67 | 44 | 44 | 12·1 | 11·8 | 9·7 | 0 | 5 | 9 | S | 9 | W | 11 | W | 25 | Drops | 3·9 |
| 22 | 58·4 | 57·5 | 58·4 | 27·7 | 18·3 | 20·1 | 26·2 | 23·4 | 46 | 46 | 72 | 8·1 | 11·6 | 15·3 | 8 | 3 | 1 | S | 11 | W | 26 | W | 15 | 0·0 | 3·2 |
| 23 | 58·5 | 58·4 | 59·4 | 27·7 | 18·7 | 21·6 | 26·2 | 22·4 | 85 | 60 | 72 | 16·2 | 15·3 | 14·6 | 7 | 5 | 3 | W | 16 | W | 29 | W | 18 | 2·5 | 3·6 |
| 24 | 59·1 | 58·3 | 58·8 | 26·8 | 20·5 | 23·0 | 25·6 | 20·6 | 60 | 53 | 66 | 12·5 | 13·0 | 11·9 | 6 | 5 | 2 | W | 18 | W | 19 | W | 6 | 4·0 | 2·0 |
| 25 | 58·3 | 57·8 | 59·9 | 24·2 | 16·1 | 21·0 | 23·0 | 21·0 | 67 | 73 | 72 | 12·3 | 15·2 | 13·2 | 10 | 9 | 6 | W | 13 | W | 17 | NW | 8 | 7·0 | 1·4 |
| 26 | 60·3 | 59·6 | 60·5 | 24·7 | 18·9 | 21·4 | 23·4 | 21·1 | 79 | 72 | 78 | 15·0 | 15·3 | 14·4 | 5 | 7 | 3 | Calm | 2 | SW | 15 | Calm | 0 | 0·0 | 1·6 |
| 27 | 60·6 | 59·1 | 59·5 | 27·2 | 17·0 | 19·2 | 26·0 | 20·4 | 84 | 59 | 66 | 13·8 | 14·7 | 11·7 | 3 | 3 | 1 | SSW | 9 | NW | 6 | Calm | 2 | 0·0 | 2·2 |
| 28 | 59·8 | 58·8 | 59·3 | 27·7 | 16·5 | 19·9 | 24·2 | 20·3 | 61 | 56 | 79 | 10·6 | 12·5 | 13·9 | 8 | 9 | 3 | Calm | 0 | W | 8 | Calm | 2 | 0·0 | 2·5 |
| 29 | 60·1 | 59·0 | 59·5 | 27·2 | 17·5 | 20·2 | 23·2 | 22·0 | 74 | 62 | 67 | 12·9 | 13·1 | 13·2 | 7 | 7 | 5 | Calm | 0 | NW | 14 | NW | 13 | Drops | 2·2 |
| 30 | 59·4 | 59·9 | 60·4 | 29·1 | 20·2 | 23·0 | 25·6 | 22·0 | 62 | 70 | 74 | 12·9 | 17·1 | 14·5 | 1 | 5 | 3 | NW | 12 | N | 4 | NW | 16 | 0·0 | 1·8 |
| 31 | 60·6 | 60·1 | 60·4 | 26·2 | 21·0 | 22·0 | 23·0 | 21·0 | 69 | 66 | 77 | 13·5 | 13·9 | 14·2 | 6 | 3 | 3 | NW | 14 | NW | 10 | W | 4 | Drops | 1·1 |
| Month | 59·47 | 58·66 | 59·28 | 28·0 | 20·3 | 23·0 | 26·0 | 22·9 | 72 | 61 | 72 | 15·1 | 15·2 | 15·0 | 3·8 | 3·0 | 1·8 | — | 6·7 | — | 11·4 | — | 8·1 | 13·5 | 2·19 |

**Remarks:**—21 < $18^{25}$–$24^{h}$, ●° $20^{05}$–$20^{10}$, $23^{h}$–$23^{06}$.—22 < $0^{01}$–$6^{h}$, ● $0^{47}$–$0^{55}$.—23 ●° $9^{12}$–$10^{40}$, T $9^{40}$.—24 ●° $8^{55}$–$8^{57}$, T $9^{13}$, ● ⌒ $9^{24}$, ● $22^{55}$–$23^{15}$.—25 ● $1^{45}$–$5^{55}$, $8^{10}$–$11^{10}$, T $10^{05}$.—28 < $19^{38}$–$20^{05}$.—29 ●° $8^{55}$–$8^{58}$.

# ALEXANDRIA (Kôm el Nadûra).

$\varphi = 31° 11' 36''$ N. $\lambda = 29° 53' 10''$ E. H = 32·0 m. $h_t = 1·7$ m. $h_r = 2·0$ m.

$C_h = +3$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60·4 | 59·5 | 60·2 | 29·8 | 20·0 | 21·2 | 24·2 | 21·0 | 77 | 76 | 82 | 14·4 | 16·9 | 15·1 | 5 | 4 | 10 | W | 2 | W | 12 | W | 2 | 1·0 | 1·0 |
| 2 | 60·3 | 60·2 | 60·8 | 27·7 | 16·1 | 17·2 | 23·2 | 20·0 | 96 | 81 | 81 | 14·0 | 17·1 | 14·1 | 8 | 5 | 3 | SW | 4 | NW | 10 | W | 8 | 2·2 | 0·6 |
| 3 | 60·7 | 60·1 | 60·8 | 27·2 | 16·9 | 21·0 | 23·8 | 20·0 | 80 | 74 | 83 | 14·8 | 16·1 | 14·5 | 8 | 5 | 5 | SW | 2 | NE | 8 | NE | 5 | 24·0 | 0·6 |
| 4 | 61·0 | 59·6 | 59·9 | 23·6 | 14·6 | 16·2 | 22·4 | 19·6 | 89 | 63 | 67 | 12·2 | 12·7 | 11·3 | 8 | 8 | 6 | SW | 3 | W | 7 | W | 15 | 3·0 | 1·0 |
| 5 | 59·7 | 59·1 | 59·9 | 24·7 | 16·2 | 17·2 | 21·4 | 19·9 | 79 | 48 | 59 | 11·5 | 9·1 | 10·3 | 8 | 6 | 4 | S | 2 | W | 8 | NW | 13 | 0·3 | 2·2 |
| 6 | 60·9 | 60·2 | 62·4 | 25·6 | 16·5 | 18·9 | 24·6 | 20·6 | 78 | 53 | 68 | 12·6 | 12·3 | 12·2 | 8 | 8 | 4 | Calm | 0 | W | 10 | Calm | 0 | 1·0 | 1·0 |
| 7 | 62·9 | 61·9 | 62·8 | 25·7 | 16·5 | 18·4 | 25·4 | 20·6 | 71 | 65 | 76 | 11·2 | 15·6 | 13·8 | 8 | 5 | 5 | SSW | 7 | W | 2 | Calm | 0 | 0·0 | 1·2 |
| 8 | 63·2 | 61·7 | 62·5 | 25·2 | 17·0 | 18·8 | 23·2 | 20·2 | 79 | 60 | 73 | 12·7 | 12·6 | 12·8 | 9 | 10 | 10 | Calm | 0 | Calm | 2 | Calm | 0 | 0·0 | 1·2 |
| 9 | 63·1 | 62·3 | 63·5 | 26·5 | 17·1 | 20·4 | 23·8 | 21·6 | 73 | 56 | 69 | 13·0 | 12·1 | 13·1 | 0 | 0 | 5 | Calm | 0 | NW | 12 | NNW | 15 | 0·0 | 2·2 |
| 10 | 63·8 | 62·7 | 63·4 | 23·7 | 19·3 | 20·8 | 22·2 | 19·4 | 64 | 51 | 53 | 11·6 | 10·0 | 8·9 | 8 | 3 | 5 | NNE | 6 | N | 5 | NNW | 7 | 0·0 | 2·6 |
| 11 | 64·0 | 62·9 | 63·0 | 22·7 | 18·3 | 19·4 | 21·0 | 20·0 | 55 | 54 | 60 | 9·2 | 9·9 | 10·5 | 5 | 6 | 8 | NW | 7 | NW | 15 | NW | 12 | 0·0 | 2·6 |
| 12 | 62·6 | 62·1 | 62·9 | 23·2 | 19·3 | 20·4 | 21·6 | 20·0 | 55 | 50 | 57 | 9·9 | 9·5 | 9·9 | 5 | 5 | 3 | NW | 20 | N | 11 | N | 6 | 0·0 | 2·6 |
| 13 | 63·9 | 63·3 | 64·4 | 24·6 | 18·4 | 20·3 | 22·4 | 19·8 | 52 | 52 | 52 | 9·2 | 10·5 | 8·9 | 3 | 3 | 0 | NE | 4 | NNE | 6 | NE | 4 | 0·0 | 2·2 |
| 14 | 63·8 | 62·1 | 62·2 | 25·4 | 16·0 | 19·0 | 21·2 | 18·2 | 54 | 53 | 63 | 8·9 | 9·8 | 9·9 | 3 | 1 | 5 | Calm | 0 | NE | 3 | E | 4 | 0·0 | 1·8 |
| 15 | 60·5 | 58·4 | 58·3 | 24·8 | 16·0 | 18·4 | 21·2 | 19·6 | 68 | 53 | 69 | 10·8 | 9·8 | 11·6 | 8 | 8 | 0 | Calm | 0 | N | 2 | NE | 2 | 0·0 | 1·1 |
| 16 | 58·6 | 58·1 | 59·8 | 23·7 | 15·3 | 18·4 | 22·8 | 20·0 | 77 | 66 | 72 | 12·1 | 13·7 | 12·6 | 9 | 8 | 8 | Calm | 0 | W | 18 | NW | 21 | 0·5 | 1·9 |
| 17 | 61·6 | 61·1 | 61·6 | 22·1 | 17·2 | 18·6 | 20·6 | 20·0 | 77 | 71 | 64 | 12·2 | 12·8 | 11·1 | 8 | 10 | 8 | Calm | 0 | W | 6 | Calm | 0 | 2·0 | 1·6 |
| 18 | 61·3 | 60·0 | 60·9 | 24·2 | 15·4 | 18·2 | 23·2 | 19·4 | 65 | 50 | 66 | 10·2 | 10·6 | 11·2 | 9 | 9 | 9 | SW | 6 | W | 10 | Calm | 0 | 0·0 | 1·8 |
| 19 | 60·7 | 59·3 | 60·0 | 22·2 | 15·9 | 17·0 | 21·1 | 18·2 | 68 | 36 | 50 | 9·8 | 6·8 | 7·7 | 10 | 10 | 10 | SW | 8 | SW | 4 | SW | 5 | 0·0 | 1·9 |
| 20 | 60·5 | 59·0 | 59·8 | 20·2 | 13·8 | 15·0 | 19·5 | 17·2 | 56 | 44 | 54 | 7·1 | 7·5 | 7·8 | 0 | 7 | 5 | SW | 12 | SW | 30 | SW | 28 | 2·0 | 3·0 |
| 21 | 58·2 | 62·1 | 63·1 | 22·7 | 14·8 | 19·4 | 20·8 | 19·3 | 63 | 59 | 63 | 10·6 | 10·8 | 10·6 | 5 | 6 | 3 | NW | 15 | NW | 12 | W | 8 | 0·0 | 1·2 |
| 22 | 61·7 | 60·2 | 59·6 | 23·3 | 17·7 | 19·0 | 20·5 | 19·2 | 75 | 65 | 68 | 12·3 | 11·7 | 11·3 | 5 | 9 | 8 | NNW | 7 | W | 5 | W | 10 | 33·0 | 0·6 |
| 23 | 57·7 | 57·5 | 58·9 | 19·7 | 13·0 | 15·6 | 19·0 | 18·6 | 93 | 77 | 66 | 12·3 | 12·6 | 10·5 | 10 | 9 | 8 | W | 12 | NW | 25 | NW | 28 | 1·0 | 2·0 |
| 24 | 60·4 | 60·3 | 61·7 | 21·7 | 15·6 | 18·6 | 19·8 | 18·2 | 56 | 54 | 57 | 9·0 | 9·2 | 8·8 | 1 | 5 | 2 | NW | 17 | NW | 15 | NW | 10 | 0·0 | 1·9 |
| 25 | 62·0 | 61·4 | 62·4 | 23·7 | 15·8 | 16·0 | 20·6 | 17·9 | 71 | 54 | 58 | 9·6 | 9·8 | 8·9 | 10 | 8 | 3 | SW | 5 | W | 9 | W | 9 | 0·0 | 1·0 |
| 26 | 62·2 | 61·1 | 62·0 | 23·4 | 13·9 | — | 22·2 | 18·5 | — | 53 | 60 | — | 10·6 | 9·4 | 3 | 5 | 2 | Calm | 0 | NW | 2 | NW | 11 | 0·0 | 2·0 |
| 27 | 61·8 | 60·8 | 61·2 | 20·7 | — | 18·4 | 19·0 | 17·8 | 71 | 61 | 56 | 11·2 | 10·0 | 8·4 | 5 | 7 | 0 | N | 3 | NNW | 13 | NW | 6 | 0·0 | 1·8 |
| 28 | 60·4 | 58·7 | 58·7 | 18·7 | 14·2 | 16·0 | 18·2 | 17·4 | 79 | 73 | 63 | 10·7 | 11·3 | 9·3 | 8 | 8 | 3 | SW | 5 | W | 7 | W | 9 | 3·0 | 1·0 |
| 29 | 57·3 | 55·6 | 55·7 | 20·2 | 12·2 | 14·0 | 20·0 | 17·8 | 65 | 43 | 76 | 7·7 | 7·5 | 11·6 | 1 | 5 | 10 | SW | 16 | SW | 35 | W | 22 | 6·0 | 2·0 |
| 30 | 57·7 | 58·3 | 59·9 | 17·9 | 13·8 | 16·8 | 16·9 | 16·2 | 64 | 54 | 57 | 9·1 | 7·6 | 7·8 | 8 | 8 | 8 | NW | 7 | NW | 15 | NW | 6 | 0·0 | 1·1 |
| Month | 61·10 | 60·32 | 61·08 | 23·5 | 16·1 | 18·2 | 21·5 | 19.2 | 71 | 58 | 65 | 11·0 | 11·2 | 10·8 | 6·2 | 6·4 | 5·3 | — | 5·7 | — | 10·6 | — | 8·9 | 79·0 | 1·62 |

**Remarks:**—1 ♅ $6^{45}$, ◠, ● $^{2}$ $6^{58}$.—2 ● $8^{30}$–$9^{40}$.—3 ● $4^{30}$–$4^{33}$ < $18^{40}$, ♅ $20^{20}$, ● $23^{15}$–$1^{h}$.—4 ● $^{2}$ $4^{h}$–$5^{20}$, ● $23^{25}$–$2^{05}$.—5 ● $^{\circ}$ $8^{30}$–$8^{32}$, $17^{45}$–$17^{50}$, $19^{20}$–$19^{30}$.—6 ● $^{\circ}$ $0^{52}$–$1^{0}$ ● $4^{15}$–$5^{55}$, $12^{25}$–$12^{30}$.—7 ● $2^{35}$–$2^{45}$.—8 ≋ $14^{h}$–$24^{h}$.—16 ● $^{\circ}$ $10^{45}$–$10^{50}$, $19^{h}$–$19^{35}$.—17 ● $9^{h}$–$10^{40}$.—20 ● $23^{25}$–$23^{35}$.—21 ● $0^{10}$–$1^{45}$.—22 ● $^{2}$ $10^{27}$–$10^{42}$, ● $^{\circ}$ $10^{50}$–$11^{h}$, < $16^{30}$, ♅ $18^{10}$.—23 ● $^{\circ}$ $0^{01}$–$3^{10}$, $8^{h}$–$8^{10}$, $17^{h}$–$19^{07}$, ● $^{2}$ $4^{50}$–$8^{h}$, ● $12^{20}$–$13^{h}$.—28 ● $11^{25}$–$11^{35}$, $15^{30}$–$15^{40}$, ● $^{2}$ $12^{h}$–$12^{10}$.—29 ● $20^{h}$–$20^{50}$, $21^{13}$–$21^{42}$ $22^{45}$–$22^{52}$.—30 ● $0^{10}$–$2^{30}$, ≋ $2^{30}$–$4^{40}$.

$C_h = +3$ mm.

## December 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·4 | 61·0 | 61·7 | 21·2 | 13·7 | 15·2 | 20·8 | 16·1 | 72 | 47 | 76 | 9·3 | 8·6 | 10·3 | 8 | 3 | 8 | SE | 4 | SE | 7 | SE | 4 | Drops | 1·1 |
| 2 | 58·8 | 56·9 | 58·8 | 21·5 | 13·8 | 15·6 | 20·2 | 17·8 | 83 | 67 | 68 | 10·9 | 11·9 | 10·4 | 10 | 9 | 3 | S | 2 | W | 17 | W | 17 | 0·3 | 1·8 |
| 3 | 59·1 | 58·8 | 60·6 | 19·7 | 11·8 | — | 18·8 | 17·4 | — | 68 | 75 | — | 11·0 | 11·1 | 5 | 5 | 5 | SW | 18 | NW | 27 | NW | 27 | 0·5 | 3·0 |
| 4 | 61·8 | 62·6 | 63·7 | 20·2 | — | 17·2 | 18·2 | 17·6 | 67 | 73 | 58 | 9·8 | 11·3 | 8·6 | 3 | 9 | 5 | NW | 18 | NW | 20 | NW | 10 | 0·5 | 2·2 |
| 5 | 65·5 | 64·8 | 65·4 | 19·7 | 16·0 | 17·4 | 18·8 | 17·0 | 70 | 60 | 70 | 10·4 | 9·8 | 10·1 | 9 | 4 | 9 | NE | 8 | N | 8 | NW | 3 | 0·0 | 1·0 |
| 6 | 63·2 | 60·3 | 58·8 | 18·4 | 14·3 | 15·4 | 17·4 | 14·8 | 84 | 57 | 74 | 10·9 | 8·5 | 9·3 | 10 | 9 | 8 | Calm | 0 | SW | 5 | Calm | 0 | 0·0 | 1·9 |
| 7 | 56·3 | 55·6 | 55·8 | 18·8 | 11·8 | 16·4 | 18·4 | 16·2 | 75 | 65 | 68 | 10·4 | 10·3 | 9·4 | 7 | 5 | 5 | W | 28 | W | 30 | W | 25 | 40·3 | 1·6 |
| 8 | 56·2 | 55·0 | 55·4 | 18·2 | 11·4 | 13·6 | 18·1 | 14·8 | 92 | 60 | 47 | 10·5 | 9·3 | 5·8 | 10 | 0 | 0 | SW | 17 | W | 28 | SW | 13 | 0·0 | 2·4 |
| 9 | 54·5 | 52·9 | 53·5 | 19·4 | 9·6 | 10·9 | 19·1 | 15·9 | 60 | 25 | 40 | 5·8 | 4·2 | 5·3 | 3 | 5 | 10 | SSW | 18 | SSW | 14 | SSW | 12 | 0·0 | 3·9 |
| 10 | 54·3 | 53·6 | 54·7 | 15·8 | 10·5 | 11·6 | 14·4 | 12·2 | 79 | 51 | 50 | 8·0 | 6·3 | 5·3 | 8 | 3 | 10 | SSW | 15 | SSW | 28 | SSW | 21 | 0·5 | 2·6 |
| 11 | 55·4 | 54·4 | 55·8 | 14·7 | 7.2 | 8·8 | 13·0 | 13·4 | 68 | 68 | 80 | 5·8 | 7·6 | 9·1 | 10 | 10 | 10 | SW | 12 | SW | 24 | SSW | 12 | 0·0 | 1·5 |
| 12 | 57·3 | 55·9 | 56·5 | 18·6 | 8·3 | 10·2 | 18·2 | 14·9 | 71 | 43 | 50 | 6·6 | 6·7 | 6·2 | 0 | 10 | 10 | S | 21 | SW | 27 | S | 14 | 0·0 | 4·0 |
| 13 | 56·9 | 56·5 | 58·2 | 17·2 | 9·7 | 11·2 | 17·0 | 14·5 | 59 | 57 | 77 | 5·9 | 8·2 | 9·5 | 5 | 3 | 8 | SW | 17 | SW | 36 | SW | 26 | 3·5 | 2·0 |
| 14 | 59·2 | 58·8 | 60·1 | 16·0 | 9·7 | 11·8 | 15·8 | 13·0 | 78 | 71 | 85 | 8·1 | 9·5 | 9·3 | 8 | 10 | 10 | SW | 15 | W | 32 | W | 18 | 10·5 | 0·6 |
| 15 | 60·2 | 58·9 | 57·7 | 16·7 | 10·2 | 12·0 | 16·0 | 13·2 | 91 | 57 | 64 | 9·4 | 7·8 | 7·2 | 10 | 10 | 6 | SW | 11 | SW | 26 | SW | 26 | 3·4 | 2·3 |
| 16 | 54·0 | 55·1 | 56·8 | 16·6 | 10·3 | 14·1 | 15·6 | 12·1 | 78 | 57 | 66 | 9·3 | 7·5 | 6·9 | 10 | 5 | 7 | SW | 49 | W | 46 | NW | 40 | 8·0 | 2·9 |
| 17 | 60·0 | 60·7 | 61·9 | 15·2 | 8·1 | 11·4 | 11·5 | 12·9 | 64 | 80 | 60 | 6·4 | 8·0 | 6·7 | 8 | 8 | 3 | NW | 40 | NW | 34 | NW | 39 | 6·0 | 2·4 |
| 18 | 64·4 | 64·3 | 65·3 | 17·7 | 8·5 | 13·8 | 15·8 | 13·6 | 53 | 46 | 64 | 6·2 | 6·1 | 7·5 | 8 | 8 | 3 | NW | 34 | W | 20 | W | 16 | 0·0 | 1·6 |
| 19 | 66·5 | 66·3 | 67·2 | 19·2 | 9·7 | 11·2 | 18·4 | 13·4 | 85 | 60 | 75 | 8·4 | 9·5 | 8·6 | 5 | 5 | 6 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 1·0 |
| 20 | 68·3 | 66·8 | 67·7 | 19·4 | 9·8 | 11·4 | 16·5 | 14·4 | 82 | 59 | 76 | 8·2 | 8·2 | 9·3 | 10 | 5 | 8 | Calm | 0 | NNW | 12 | N | 12 | 4·0 | 0·8 |
| 21 | 67·2 | 65·4 | 65·3 | 18·2 | 10·2 | 12·0 | 15·0 | 13·6 | 88 | 80 | 75 | 9·1 | 10·1 | 8·7 | 10 | 9 | 8 | Calm | 0 | Calm | 1 | NW | 24 | 20·5 | 1·2 |
| 22 | 64·6 | 65·0 | 67·0 | 16·8 | 10·9 | 14·2 | 15·2 | 14·6 | 59 | 64 | 61 | 7·1 | 8·3 | 7·6 | 3 | 9 | 8 | NW | 22 | NNE | 10 | N | 25 | 0·3 | 1·9 |
| 23 | 68.5 | 68·1 | 69·2 | 19·7 | 12·7 | 14·3 | 17·0 | 15·4 | 54 | 63 | 64 | 6·6 | 9·0 | 8·4 | 9 | 8 | 9 | NW | 14 | NW | 12 | W | 10 | 0·0 | 0·9 |
| 24 | 70·5 | 70·2 | 69·9 | 21·0 | 11·1 | 12·0 | 20·0 | 13·6 | 84 | 64 | 82 | 8·7 | 11·1 | 9·5 | 9 | 8 | 0 | S | 9 | W | 14 | Calm | 0 | 0·0 | 0·4 |
| 25 | 69·3 | 67·1 | 67·5 | 19·0 | 10·3 | 13·0 | 17·8 | 13·6 | 75 | 59 | 73 | 8·3 | 8·9 | 8·5 | 0 | 0 | 0 | Calm | 0 | S | 11 | S | 7 | 0·0 | 1·0 |
| 26 | 66·6 | 65·2 | 65·1 | 18·7 | 8·2 | 9·5 | 18·4 | 14·4 | 70 | 39 | 55 | 6·2 | 6·1 | 6·7 | 8 | 3 | 0 | S | 8 | SW | 21 | S | 9 | 0·0 | 2·2 |
| 27 | 64·7 | 64·2 | 66·0 | 20·2 | 8·8 | 15·8 | 17·6 | 14·2 | 68 | 74 | 61 | 9·2 | 11·1 | 7·4 | 5 | 8 | 7 | W | 20 | N | 26 | NW | 27 | 0·0 | 1·2 |
| 28 | 66·9 | 65·7 | 65·9 | 19·2 | 13·3 | 13·8 | 16·0 | 12·8 | 66 | 58 | 75 | 7·7 | 7·9 | 8·2 | 9 | 5 | 3 | NE | 10 | W | 6 | Calm | 0 | 0·0 | 0·3 |
| 29 | 64·8 | 61·9 | 61·8 | 16·7 | 9·6 | 11·2 | 16·2 | 13·6 | 78 | 61 | 73 | 7·7 | 8·4 | 8·5 | 10 | 10 | 3 | Calm | 0 | SE | 21 | SE | 18 | 0·0 | 1·2 |
| 30 | 62·0 | 61·5 | 63·7 | 21·2 | 9·8 | 11·4 | 20·3 | 15·4 | 60 | 43 | 68 | 6·1 | 7·5 | 8·9 | 0 | 0 | 0 | S | 14 | WSW | 12 | Calm | 0 | 0·0 | 1·0 |
| 31 | 65·5 | 64·3 | 64·1 | 20·3 | 10·8 | 14·2 | 18·0 | 15·0 | 85 | 71 | 89 | 10·2 | 10·9 | 11·3 | 0 | 0 | 0 | Calm | 0 | NE | 9 | E | 14 | 0·0 | 0·2 |
| Month | 62·06 | 61·22 | 61·97 | 18·6 | 10·7 | 13·0 | 17·2 | 14·6 | 73 | 60 | 68 | 8·2 | 8·7 | 8·4 | 6·8 | 6·0 | 5·5 | — | 13·7 | — | 18·8 | — | 15·1 | 98·3 | 1·68 |

**Remarks:**—1 ● $^{\circ}$ $21^{h}$–$21^{02}$.—2 ● $^{\circ}$ $10^{h}$–$10^{45}$, $14^{35}$–$14^{40}$, $16^{12}$–$16^{22}$, ◠ $16^{50}$.—3 ● $6^{10}$–$6^{25}$, $11^{05}$–$11^{15}$, $14^{h}$–$14^{05}$, ● $^{\circ}$ $14^{15}$–$14^{19}$.—4 ● $^{2}$ $2^{30}$–$2^{37}$, ● $^{\circ}$ $3^{50}$–$4^{h}$, $4^{55}$–$5^{07}$, $6^{h}$–$6^{02}$.—5 ∞ $18^{h}$–$23^{h}$.—6 ♆ $11^{40}$, ♅ $11^{55}$, ● $^{2}$ $12^{h}$–$12^{30}$, $15^{15}$–$15^{55}$, ◠ $15^{47}$, < $20^{40}$, < $23^{15}$.—7 ● $^{2}$ $0^{30}$–$3^{38}$.—10 ≋ $3^{h}$–$8^{h}$ ● $^{\circ}$ $11^{46}$–$12^{h}$.—11 ● $^{\circ}$ $6^{02}$–$6^{37}$.—12 ∞ $14^{h}$, ≋ $15^{h}$–$23^{h}$.—13 ● $6^{15}$–$6^{45}$, ● $^{\circ}$ $17^{15}$–$24^{10}$.—14 ● $0^{25}$–$6^{05}$, ◠ $7^{40}$, $9^{40}$, ● $^{2}$ $8^{h}$–$18^{30}$.—15 ✳ $5^{25}$–$6^{h}$ ● $7^{12}$–$7^{20}$, ● $^{\circ}$ $23^{10}$–$23^{17}$.—16 ● $^{2}$ $8^{30}$–$16^{52}$, $21^{15}$–$21^{30}$, ● $^{\circ}$ $19^{05}$–$19^{10}$, ● $23^{22}$–$24^{h}$.—17 ● $0^{h}$–$6^{45}$, ✳ $10^{45}$–$10^{46}$, $12^{30}$–$13^{h}$, ● $^{2}$ $14^{30}$–$17^{15}$.—19 ≋ $17^{h}$–$18^{h}$.—20 ∞ $1^{h}$–$6^{h}$, ● $^{\circ}$ $4^{20}$–$6^{25}$, ● $7^{55}$–$8^{h}$, ● $^{2}$ $8^{05}$–$9^{10}$, ● $^{\circ}$ $18^{40}$–$19^{h}$, $23^{50}$–$23^{55}$.—21 ● $8^{h}$–$11^{35}$, ◠ $12^{45}$, ● $^{2}$ $14^{35}$–$14^{45}$, < $19^{42}$, ● $^{\circ}$ $20^{h}$–$20^{15}$, ● $23^{30}$–$4^{12}$.—22 ● $^{2}$ $11^{03}$–$11^{15}$, ● $14^{45}$–$14^{50}$, ● $^{\circ}$ $17^{h}$–$18^{27}$.—23 ● $^{\circ}$ $18^{10}$–$18^{45}$, $18^{50}$–$19^{25}$.—24 ∞ $19^{h}$–$20^{h}$.—25 ∞ $8^{h}$–$10^{30}$.—30 ∞ $1^{h}$–$8^{h}$, ⌓ N.—31 ≋ $8^{h}$, ⌓ $19^{h}$.

# GORASHIA.

φ = 30° 50′ 50″ N. λ = 31° 7′ 21″ E. H = 7·6 m. $h_t$ = 1·6 m. $h_r$ = 1·0 m.

$C_h$ = + 1 mm.

## January 1913.

| Date | Standard Pressure in mm. 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Vel. | Wind 14 h. Direct. | Vel. | Wind 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 67·0 | 64·0 | 64·5 | 17·5 | 4·2 | 9·0 | 16·5 | 12·5 | 96 | 78 | 89 | 8·2 | 10·9 | 9·5 | 8 | 10 | 8 | SSW | 6 | W | 17 | W | 3 | 0·4 | 3·2 |
| 2 | 64·6 | 64·7 | 66·1 | 18·4 | 5·0 | 8·1 | 17·0 | 7·2 | 89 | 92 | 90 | 7·2 | 13·2 | 6·8 | 2 | 6 | 0 | WNW | 3 | Calm | 0 | Calm | 0 | 0·0 | 3·5 |
| 3 | 68·1 | 66·9 | 67·7 | 19·2 | 3·4 | 6·7 | 18·0 | 10·0 | 93 | 51 | 87 | 6·8 | 7·9 | 8·0 | 0 | 1 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·0 |
| 4 | 67·8 | 66·3 | 68·2 | 18·5 | 5·1 | 7·5 | 18·1 | 11·5 | 93 | 58 | 95 | 7·2 | 8·9 | 9·5 | 1 | 8 | 0 | Calm | 0 | NE | 4 | NE | 1 | 0·0 | 3·5 |
| 5 | 68·2 | 65·6 | 66·1 | 18·5 | 3·1 | 7·5 | 18·0 | 13·0 | 94 | 57 | 83 | 7·3 | 8·8 | 9·2 | 3 | 8 | 7 | Calm | 0 | NE | 11 | Calm | 0 | 0·0 | 3·0 |
| 6 | 64·5 | 62·5 | 63·1 | 19·2 | 5·4 | 10·2 | 19·0 | 12·8 | 91 | 61 | 85 | 8·4 | 10·0 | 9·2 | 8 | 5 | 9 | NNE | 1 | NE | 3 | Calm | 0 | 0·0 | 3·0 |
| 7 | 63·1 | 62·1 | 62·5 | 17·8 | 7·5 | 12·3 | 15·4 | 11·0 | 88 | 55 | 81 | 9·3 | 7·1 | 8·0 | 10 | 10 | 8 | N | 4 | NNW | 18 | Calm | 0 | 0·0 | 3·5 |
| 8 | 63·8 | 62·8 | 64·0 | 17·0 | 2·6 | 7·5 | 15·4 | 9·1 | 93 | 61 | 89 | 7·2 | 8·0 | 7·6 | 2 | 8 | 5 | WSW | 1 | W | 8 | Calm | 0 | 1·3 | 2·2 |
| 9 | 64·8 | 63·5 | 64·6 | 18·0 | 2·2 | 7·3 | 17·2 | 8,8 | 91 | 63 | 93 | 7·0 | 9·3 | 7·9 | 7 | 5 | 0 | WSW | 4 | W | 6 | Calm | 0 | 0·0 | 3·0 |
| 10 | 65·5 | 63·8 | 64·2 | 19·1 | 2·5 | 7·7 | 18·0 | 11·0 | 91 | 58 | 94 | 7·2 | 8·9 | 9·2 | 8 | 5 | 5 | Calm | 0 | W | 14 | Calm | 0 | 0·0 | 3·4 |
| 11 | 60·4 | 61·6 | 62·2 | 19·5 | 4·7 | 7·7 | 18·8 | 8·0 | 85 | 48 | 86 | 6·6 | 7·8 | 6·9 | 8 | 0 | 0 | ESE | 3 | W | 24 | Calm | 0 | 0·0 | 3·2 |
| 12 | 61·3 | 60·1 | 61·1 | 20·5 | 2·5 | 6·6 | 20·0 | 11·0 | 93 | 55 | 85 | 6·7 | 9·6 | 8·3 | 0 | 7 | 5 | S | 3 | WNW | 11 | Calm | 0 | 0·0 | 3·5 |
| 13 | 63·3 | 62·6 | 63·7 | 20·5 | 2·1 | 7·1 | 19·2 | 10·7 | 94 | 55 | 89 | 7·1 | 9·2 | 8·4 | 0 | 7 | 0 | Calm | 0 | WNW | 7 | Calm | 0 | 0·2 | 2·5 |
| 14 | 65·5 | 63·9 | 66·4 | 21·3 | 3·5 | 9·0 | 18·9 | 12·2 | 88 | 59 | 93 | 7·5 | 9·7 | 9·7 | 10 | 7 | 0 | SSW | 1 | NNE | 3 | Calm | 0 | 0·0 | 3·2 |
| 15 | 66·0 | 64·0 | 64·3 | 18·0 | 2·9 | 5·7 | 17·4 | 10·7 | 90 | 53 | 49 | 6·1 | 7·8 | 4·7 | 6 | 6 | 5 | Calm | 0 | NNE | 3 | Calm | 0 | 0·0 | 3·5 |
| 16 | 63·0 | 60·5 | 61·9 | 20·0 | 3·9 | 8·0 | 19·8 | 9·0 | 86 | 47 | 87 | 6·9 | 8·0 | 7·4 | 0 | 7 | 0 | Calm | 0 | NW | 10 | Calm | 0 | 4·0 | 3·6 |
| 17 | 61·9 | 61·0 | 63·4 | 18·5 | 3·2 | 9·5 | 17·5 | 9·5 | 99 | 57 | 89 | 8·7 | 8·4 | 7·9 | 10 | 5 | 2 | W | 4 | NW | 7 | Calm | 0 | 0·0 | 2·2 |
| 18 | 66·7 | 66·5 | 67·6 | 20·2 | 0·6 | 4·8 | 19·0 | 10·0 | 94 | 56 | 88 | 6·0 | 9·1 | 8·1 | 10 | 7 | 0 | Calm | 0 | SSW | 1 | Calm | 0 | 0·0 | 2·3 |
| 19 | 69·2 | 68·1 | 68·7 | 18·0 | 2·6 | 8·3 | 17·5 | 9·5 | 96 | 66 | 94 | 7·8 | 9·8 | 8·3 | 3 | 9 | 0 | SSE | 1 | WSW | 4 | Calm | 0 | 0·0 | 3·2 |
| 20 | 68·7 | 67·3 | 68·2 | 21·5 | 2·3 | — | 21·0 | 12·3 | — | 49 | 88 | — | 9·0 | 9·3 | 1 | 5 | 0 | SSE | 1 | SE | 7 | Calm | 0 | 0·0 | 3·0 |
| 21 | 68 8 | 67·3 | 67·5 | 19·0 | — | 10·0 | 18·5 | 11·2 | 89 | 50 | 73 | 8·2 | 7·8 | 7·2 | 0 | 1 | 0 | NE | 3 | NE | 3 | Calm | 0 | 0·0 | 3·5 |
| 22 | 66·5 | 64·7 | 66·0 | 18·5 | 2·0 | 7·0 | 18·2 | 9·8 | 90 | 56 | 86 | 6·7 | 8·7 | 7·7 | 0 | 7 | 7 | Calm | 0 | NNE | 7 | Calm | 0 | 0·0 | 3·0 |
| 23 | 64·0 | 62·8 | 63·5 | 21·0 | 3·5 | 9·1 | 20·0 | 11·5 | 91 | 47 | 85 | 7·7 | 8·3 | 8·5 | 8 | 7 | 0 | Calm | 0 | NW | 17 | Calm | 0 | 0·0 | 2·5 |
| 24 | 62·4 | 61·5 | 63·7 | 19·2 | 3·0 | 7·9 | 19·0 | 10·5 | 83 | 42 | 81 | 6·6 | 6·9 | 7·7 | 2 | 7 | 7 | SW | 7 | W | 31 | W | 4 | 0·2 | 3·5 |
| 25 | 66·4 | 65·8 | 67·8 | 19·6 | 5·2 | 9·5 | 19·0 | 8·7 | 91 | 52 | 87 | 8·0 | 8·6 | 7·3 | 4 | 7 | 3 | WSW | 4 | NW | 14 | Calm | 0 | 0·0 | 3·0 |
| 26 | 68·1 | 66·5 | 67·8 | 20·8 | 1·4 | 6·5 | 20·2 | 11·6 | 98 | 55 | 86 | 7·0 | 9·7 | 8·7 | 0 | 8 | 0 | Calm | 0 | W | 3 | Calm | 0 | 0·0 | 2·2 |
| 27 | 67·1 | 64·7 | 65·3 | 21·0 | 0·8 | 4·9 | 20·0 | 11·6 | 92 | 50 | 86 | 5·9 | 8·7 | 8·7 | 10 | 7 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 2·8 |
| 28 | 64·0 | 62·7 | 64·0 | 20·4 | 1·0 | 6·5 | 20·0 | 11·5 | 96 | 40 | 91 | 6·9 | 6·9 | 9·1 | 10 | 7 | 2 | SW | 2 | WNW | 23 | Calm | 0 | 0·0 | 3·5 |
| 29 | 66·4 | 64·5 | 65·4 | 20·0 | 4·5 | 9·8 | 19·5 | 11·8 | 96 | 55 | 85 | 8·7 | 9·3 | 8·7 | 9 | 7 | 2 | SW | 3 | WSW | 17 | Calm | 0 | 0·0 | 2·8 |
| 30 | 63·8 | 62·4 | 63·2 | 21·2 | 3·5 | 7·7 | 19·5 | 9·7 | 88 | 39 | 77 | 6·8 | 6·6 | 7·0 | 2 | 8 | 0 | SSE | 1 | W | 32 | Calm | 0 | 0·0 | 3·5 |
| 31 | 64·1 | 63·1 | 64·2 | 22·2 | 1·6 | 7·5 | 21·2 | 13·0 | 79 | 52 | 82 | 6·1 | 9·6 | 9·1 | 1 | 8 | 6 | S | 1 | NNW | 8 | NW | 1 | 0·0 | 2·8 |
| Month | 65·31 | 63·99 | 65·06 | 19·5 | 3·2 | 7·9 | 18·6 | 10·7 | 91 | 55 | 86 | 7·3 | 8·8 | 8·2 | 4·6 | 6·4 | 2·6 | — | 1·7 | — | 10·1 | — | 0·3 | 6·1 | 3·05 |

**Remarks:**—1 ☊² 7h.—5 ≋ $7^{50}$.—6 ≋ $7^{30}$.—10 ≋ $7^{50}$.—18 ≋ $8^{15}$.—21 ≋ $7^{45}$.—27 ≋ $8^{15}$.—28 ≋ $8^{10}$.

$C_h$ = + 1 mm.

## February 1913.

| Date | Standard Pressure in mm. 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Vel. | Wind 14 h. Direct. | Vel. | Wind 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 65·0 | 64·7 | 66·4 | 19·0 | 2·0 | 10·0 | 17·6 | 9·5 | 94 | 62 | 74 | 8·6 | 9·3 | 6·5 | 7 | 8 | 0 | W | 4 | NNW | 26 | Calm | 0 | 0·0 | 3·5 |
| 2 | 67·3 | 66·5 | 67·2 | 18·4 | 3·1 | 10·4 | 16·9 | 9·0 | 82 | 48 | 83 | 7·7 | 6·9 | 7·1 | 9 | 7 | 0 | Calm | 0 | NNE | 7 | Calm | 0 | 0·0 | 3·5 |
| 3 | 67·9 | 66·3 | 66·6 | 18·5 | 3·2 | 6·0 | 18·3 | 10·5 | 93 | 45 | 74 | 6·5 | 7·0 | 7·0 | 10 | 0 | 0 | Calm | 0 | NNE | 7 | NNE | 4 | 0·0 | 3·2 |
| 4 | 65·5 | 63·0 | 63·4 | 16·4 | 0·0 | 5·7 | 15·8 | 9·5 | 90 | 63 | 75 | 6·1 | 8·4 | 6·6 | 10 | 10 | 0 | Calm | 0 | NNW | 7 | NNW | 4 | 0·4 | 2·5 |
| 5 | 60·7 | 61·5 | 65·8 | 17·7 | 3·9 | 9·5 | 16·0 | 9·8 | 88 | 64 | 89 | 7·8 | 8·8 | 8·1 | 9 | 10 | 0 | WSW | 4 | NE | 6 | Calm | 0 | 0·0 | 2·6 |
| 6 | 67·4 | 67·2 | 68·5 | 19·3 | 6·5 | 11·5 | 19·0 | 10·6 | 85 | 50 | 87 | 8·5 | 8·2 | 8·2 | 0 | 6 | 0 | NNE | 3 | NE | 10 | Calm | 0 | 0·0 | 4·0 |
| 7 | 70·2 | 68·4 | 69·0 | 20·1 | 3·5 | 9·5 | 20·0 | 11·0 | 87 | 43 | 75 | 7·6 | 7·6 | 7·4 | 0 | 0 | 0 | Calm | 0 | NE | 14 | NNE | 3 | 0·0 | 4·0 |
| 8 | 69·1 | 66·5 | 66·9 | 20·0 | 3·2 | 8·5 | 19·5 | 10·5 | 87 | 54 | 76 | 7·2 | 9·1 | 7·3 | 0 | 0 | 0 | Calm | 0 | NE | 6 | Calm | 0 | 0·0 | 3·5 |
| 9 | 64·7 | 62·7 | 62·7 | 18·2 | 5·0 | 10·7 | 18·0 | 13·0 | 87 | 59 | 83 | 8·3 | 9·1 | 9·2 | 8 | 8 | 0 | Calm | 0 | NE | 3 | NE | 1 | 0·0 | 2·8 |
| 10 | 62·2 | 60·7 | 61·6 | 19·1 | 6·5 | 11·0 | 18·9 | 12·0 | 84 | 55 | 88 | 8·2 | 8·9 | 9·1 | 10 | 9 | 0 | Calm | 0 | NE | 1 | Calm | 0 | 0·0 | 2·5 |
| 11 | 61·1 | 60·0 | 60·0 | 21·0 | 3·2 | 9·4 | 18·3 | 10·8 | 87 | 49 | 85 | 7·5 | 7·7 | 8·2 | 5 | 8 | 6 | Calm | 0 | NNW | 3 | Calm | 0 | 7·3 | 2·4 |
| 12 | 59·5 | 63·0 | 58·1 | 18·7 | 2·4 | 8·1 | 18·0 | 9·2 | 94 | 59 | 89 | 7·6 | 9·1 | 7·6 | 1 | 9 | 0 | WSW | 1 | W | 17 | Calm | 0 | 0·0 | 2·3 |
| 13 | 56·5 | 54·8 | 55·4 | 16·5 | 5·5 | 8·7 | 15·5 | 9·5 | 81 | 79 | 80 | 6·8 | 10·3 | 7·1 | 10 | 10 | 10 | Calm | 0 | Calm | 0 | Calm | 0 | 7·0 | 3·5 |
| 14 | 53·7 | 52·8 | 55·5 | 15·1 | 7·0 | 9·1 | 14·7 | 7·0 | 98 | 55 | 79 | 8·4 | 6·9 | 6·0 | 1 | 8 | 10 | WSW | 16 | SW | 14 | SW | 7 | 0·0 | 2·3 |
| 15 | 58·2 | 58·8 | 61·9 | 17·0 | 2.5 | 7·5 | 15·8 | 5·7 | 79 | 53 | 90 | 6·1 | 7·0 | 6·1 | 0 | 7 | 0 | SW | 11 | W | 28 | Calm | 0 | 0·0 | 2·8 |
| 16 | 60·6 | 57·6 | 57·4 | 19·5 | 0·0 | 5·5 | 19·0 | 12·5 | 85 | 37 | 71 | 5·7 | 6·1 | 7·6 | 0 | 2 | 10 | S | 1 | WSW | 21 | Calm | 0 | 0·0 | 5·4 |
| 17 | 57·7 | 57·1 | 60·4 | 15·2 | 3·5 | 8·0 | 14·6 | 10·0 | 59 | 50 | 80 | 4·7 | 6·1 | 7·3 | 0 | 10 | 5 | SW | 23 | W | 31 | W | 4 | 1·5 | 3·2 |
| 18 | 62·4 | 61·4 | 62·1 | 19·0 | 3·6 | 9·2 | 17·7 | 9·8 | 87 | 61 | 87 | 7·5 | 9·2 | 7·9 | 3 | 8 | 3 | WSW | 14 | WNW | 23 | Calm | 0 | 0·3 | 2·5 |
| 19 | 63·2 | 62·8 | 63·6 | 17·9 | 3·0 | 9·5 | 16·0 | 9·3 | 94 | 74 | 96 | 8·3 | 10·0 | 8·4 | 7 | 8 | 0 | W | 3 | NNW | 10 | Calm | 0 | 2·0 | 2·4 |
| 20 | 63·2 | 61·3 | 62·8 | 22·5 | 5·6 | 9·4 | 21·9 | 13·0 | 76 | 25 | 73 | 6·7 | 5·0 | 8·1 | 7 | 0 | 0 | SW | 7 | WNW | 28 | NW | 4 | 0·0 | 4·3 |
| 21 | 65·5 | 64·1 | 64·5 | 23·0 | 5·5 | 9·0 | 22·5 | 15·6 | 96 | 45 | 73 | 8·2 | 9·1 | 9·6 | 0 | 4 | 10 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 3·0 |
| 22 | 64·4 | 62·2 | 62·2 | 27·2 | 3·0 | 11·5 | 27·0 | 15·5 | 82 | 26 | 63 | 8·3 | 6·8 | 8·3 | 7 | 5 | 0 | E | 3 | SE | 6 | NE | 1 | 0·0 | 4·6 |
| 23 | 59·6 | 56·6 | 57·1 | 29·0 | 3·5 | 13·5 | 28·4 | 18·0 | 66 | 23 | 58 | 7·6 | 6·6 | 8·9 | 0 | 0 | 5 | E | 3 | SW | 17 | SW | 3 | 0·0 | 6·3 |
| 24 | 57·2 | 55·8 | 58·8 | 22·6 | 3·0 | 12·5 | 22·0 | 13·5 | 54 | 34 | 77 | 5·9 | 6·6 | 8·9 | 10 | 9 | 7 | SW | 9 | W | 47 | W | 1 | 0·0 | 5·6 |
| 25 | 61·7 | 62·0 | 64·2 | 21·5 | 7·5 | 12·7 | 19·1 | 11·0 | 83 | 58 | 87 | 9·0 | 9·5 | 8·6 | 2 | 9 | 0 | WSW | 10 | WNW | 17 | Calm | 0 | 1·6 | 2·7 |
| 26 | 64·7 | 63·8 | 64·5 | 20·0 | 7·0 | 13·0 | 19·4 | 11·0 | 89 | 51 | 83 | 9·8 | 8·6 | 8·1 | 10 | 10 | 0 | Calm | 0 | W | 13 | Calm | 0 | 0·8 | 2·2 |
| 27 | 65·2 | 64·5 | 64·9 | 19·2 | 3·0 | 12·0 | 18·0 | 9·7 | 85 | 46 | 68 | 8·8 | 7·1 | 6·1 | 0 | 10 | 0 | S | 3 | NW | 13 | Calm | 0 | 0·0 | 2·2 |
| 28 | 65·6 | 63·7 | 64·1 | 21·5 | 3·0 | 10·0 | 19·5 | 12·2 | 83 | 47 | 80 | 7·6 | 7·9 | 8·4 | 0 | 7 | 7 | SSE | 1 | NNE | 3 | Calm | 0 | 0·0 | 3·0 |
| Month | 62·86 | 61·78 | 62·70 | 19·8 | 3·9 | 9·7 | 18·8 | 11·0 | 84 | 51 | 79 | 7·5 | 8·0 | 7·8 | 4·5 | 6·5 | 2·6 | — | 4·1 | — | 13·6 | — | 1·1 | 20·9 | 3·31 |

**Remarks:**—1 ≋ $7^{30}$.—8 ≋ $8^{10}$.—12 ≋ $7^{30}$.—20 ∕ p.—21 ≋ $9^{25}$.

# QORASHIA.

$\varphi = 30° 50' 50''$ N. $\lambda = 31° 7' 21''$ E. H = 7·6 m. $h_t = 1·6$ m. $h_r = 1·0$ m.

$C_h = +1$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 64·6 | 62·9 | 61·1 | 22·5 | 4·0 | 11·6 | 22·0 | 13·5 | 84 | 37 | 77 | 8·4 | 7·3 | 8·9 | 0 | 0 | 0 | ESE | 2 | E | 11 | NE | 4 | 0·0 | 4·0 |
| 2 | 58·0 | 55·7 | 56·4 | 26·0 | 7·0 | 11·8 | 26·0 | 15·0 | 76 | 24 | 73 | 7·8 | 6·0 | 9·3 | 0 | 0 | 0 | SE | 3 | WSW | 21 | Calm | 0 | 0·0 | 5·7 |
| 3 | 56·9 | 54·8 | 56·9 | 20·0 | 7·0 | 12·6 | 18·0 | 9·4 | 76 | 85 | 91 | 8·2 | 13·1 | 8·0 | 0 | 0 | 10 | SW | 7 | W | 52 | SW | 7 | 2·2 | 4·3 |
| 4 | 60·1 | 59·9 | 63·0 | 14·0 | 5·5 | 7·5 | 10·9 | 8·5 | 86 | 84 | 87 | 6·6 | 8·1 | 7·2 | 7 | 9 | 9 | WSW | 20 | W | 20 | Calm | 0 | 0·7 | 1·8 |
| 5 | 63·8 | 63·3 | 64·7 | 17·0 | 5·5 | 8·5 | 16·5 | 11·7 | 87 | 51 | 84 | 7·2 | 7·1 | 8·5 | 10 | 9 | 10 | WSW | 3 | WNW | 14 | NNW | 3 | 0·0 | 2·1 |
| 6 | 64·9 | 63·8 | 65·3 | 17·0 | 8·5 | 11·7 | 16·5 | 12·4 | 81 | 50 | 72 | 8·3 | 6·8 | 7·7 | 10 | 10 | 10 | N | 3 | NNE | 11 | NNE | 1 | 0·0 | 3·4 |
| 7 | 67·3 | 67·0 | 67·9 | 18·2 | 7·0 | 11·4 | 18·0 | 10·5 | 71 | 85 | 81 | 7·1 | 13·1 | 7·7 | 0 | 8 | 0 | Calm | 0 | NNE | 11 | NNE | 3 | 0·0 | 4·5 |
| 8 | 68·7 | 66·4 | 66·9 | 20·0 | 4·7 | 12·5 | 19·8 | 11·5 | 69 | 37 | 70 | 7·4 | 6·4 | 7·1 | 0 | 7 | 0 | NNE | 3 | NE | 13 | NE | 4 | 0·0 | 4·4 |
| 9 | 65·9 | 64·4 | 65·5 | 19·5 | 5·5 | 12·0 | 18·2 | 11·6 | 71 | 41 | 79 | 7·4 | 6·3 | 8·0 | 0 | 7 | 0 | NE | 1 | NNE | 8 | Calm | 0 | 0·0 | 4·6 |
| 10 | 65·1 | 63·6 | 64·8 | 22·0 | 7·0 | 13·6 | 20·0 | 12·3 | 73 | 38 | 83 | 8·5 | 6·5 | 8·8 | 5 | 6 | 0 | NNE | 1 | NNE | 3 | Calm | 0 | 0·0 | 3·7 |
| 11 | 64·4 | 63·5 | 64·3 | 20·0 | 5·0 | 11·8 | 19·5 | 12·0 | 76 | 47 | 82 | 7·8 | 7·9 | 8·4 | 1 | 10 | 0 | Calm | 0 | ESE | 1 | Calm | 0 | 0·0 | 3·0 |
| 12 | 63·6 | 62·9 | 63·9 | 20·5 | 5·0 | 12·0 | 18·8 | 11·7 | 84 | 51 | 84 | 8·7 | 8·3 | 8·5 | 0 | 10 | 0 | WSW | 3 | NW | 23 | NW | 7 | 0·0 | 3·8 |
| 13 | 64·5 | 64·5 | 65·9 | 21·5 | 6·0 | 11·8 | 20·5 | 11·0 | 76 | 42 | 76 | 7·8 | 7·5 | 7·5 | 3 | 6 | 0 | WNW | 7 | NW | 14 | NW | 1 | 0·0 | 3·5 |
| 14 | 67·1 | 66·6 | 67·4 | 19·5 | 5·0 | 12·5 | 18·4 | 9·0 | 75 | 31 | 73 | 8·0 | 4·9 | 6·3 | 5 | 6 | 0 | NW | 7 | NW | 24 | NW | 1 | 0·0 | 5·0 |
| 15 | 68·6 | 67·7 | 68·6 | 19·3 | 2·5 | 10·0 | 14·0 | 10·2 | 68 | 73 | 72 | 6·2 | 8·6 | 6·7 | 0 | 2 | 0 | NNE | 3 | NNE | 7 | Calm | 0 | 0·0 | 3·7 |
| 16 | 68·3 | 67·6 | 68·6 | 20·2 | 4·5 | 11·8 | 19·5 | 11·4 | 69 | 37 | 71 | 7·1 | 6·3 | 7·1 | 0 | 0 | 0 | NNE | 3 | NE | 10 | NNE | 3 | 0·0 | 4·7 |
| 17 | 67·2 | 64·5 | 63·7 | 20·0 | 6·0 | 12·5 | 19·7 | 12·3 | 71 | 25 | 64 | 7·6 | 4·2 | 6·8 | 0 | 0 | 0 | NE | 6 | NE | 17 | NE | 3 | 0·0 | 6·0 |
| 18 | 59·4 | 57·6 | 60·9 | 22·4 | 6·0 | 14·5 | 21·2 | 11·3 | 66 | 42 | 78 | 8·2 | 7·8 | 7·8 | 0 | 0 | 0 | NE | 4 | NNE | 14 | NNE | 1 | 0·0 | 5·2 |
| 19 | 63·4 | 63·7 | 65·0 | 23·1 | 5·5 | 14·5 | 21·8 | 11·3 | 73 | 32 | 72 | 8·9 | 6·2 | 7·2 | 0 | 0 | 0 | N | 7 | NW | 16 | NNW | 1 | 0·0 | 5·7 |
| 20 | 66·6 | 66·1 | 67·2 | 22·4 | 5·7 | 14·5 | 21·2 | 13·0 | 65 | 39 | 75 | 8·0 | 7·3 | 8·3 | 0 | 6 | 0 | NE | 3 | NNE | 8 | Calm | 0 | 0·0 | 5·7 |
| 21 | 67·6 | 66·1 | 66·9 | 23·7 | 5·9 | 13·5 | 22·5 | 14·5 | 80 | 37 | 66 | 9·2 | 7·4 | 8·2 | 0 | 0 | 0 | Calm | 0 | NE | 4 | Calm | 0 | 0·0 | 4·5 |
| 22 | 64·7 | 64·2 | 64·7 | 23·5 | 8·7 | 13·5 | 22·7 | 13·2 | 89 | 29 | 67 | 10·2 | 5·9 | 7·6 | 0 | 0 | 0 | NNE | 1 | NE | 6 | NE | 3 | 0·0 | 4·7 |
| 23 | 64·0 | 62·1 | 63·1 | 24·0 | 6·0 | 13·0 | 23·2 | 14·5 | 95 | 41 | 84 | 10·5 | 8·7 | 10·2 | 2 | 0 | 0 | NE | 3 | NE | 14 | NE | 3 | 0·0 | 3·8 |
| 24 | 62·9 | 61·8 | 62·7 | 28·0 | 7·5 | 15·4 | 26·6 | 15·5 | 80 | 35 | 74 | 10·4 | 9·0 | 9·6 | 0 | 0 | 0 | NE | 7 | NE | 7 | NE | 4 | 0·0 | 5·6 |
| 25 | 62·6 | 61·3 | 61·6 | 29·7 | 8·0 | 16·5 | 29·5 | 15·7 | 79 | 19 | 68 | 11·1 | 5·9 | 9·1 | 0 | 0 | 0 | NE | 7 | NE | 11 | NE | 3 | 0·0 | 6·8 |
| 26 | 61·4 | 59·7 | 60·4 | 29·6 | 8·0 | 17·5 | 29·3 | 15·9 | 73 | 25 | 64 | 10·9 | 7·7 | 8·8 | 0 | 0 | 0 | NE | 6 | NE | 14 | Calm | 0 | 0·0 | 6·4 |
| 27 | 60·1 | 58·7 | 60·6 | 28·5 | 11·8 | 18·0 | 27·7 | 17·0 | 74 | 29 | 75 | 11·3 | 7·9 | 10·8 | 0 | 0 | 0 | NNE | 7 | NNE | 14 | NNE | 3 | 0·0 | 6·4 |
| 28 | 60·0 | 58·2 | 59·1 | 31·0 | 10·0 | 17·7 | 30·5 | 17·5 | 78 | 31 | 72 | 11·8 | 10·1 | 10·8 | 0 | 0 | 0 | NNW | 7 | SE | 7 | Calm | 0 | 0·0 | 5·6 |
| 29 | 60·2 | 58·3 | 59·1 | 29·5 | 13·0 | 18·7 | 29·0 | 17·2 | 79 | 34 | 73 | 12·6 | 10·2 | 10·7 | 10 | 10 | 10 | SE | 4 | SW | 6 | Calm | 0 | 0·0 | 4·4 |
| 30 | 58·4 | 56·8 | 58·2 | 27·0 | 12·0 | 17·8 | 25·8 | 17·2 | 77 | 41 | 76 | 11·7 | 10·1 | 11·1 | 0 | 7 | 7 | WNW | 11 | ESE | 20 | NW | 10 | 0·0 | 4·5 |
| 31 | 58·5 | 57·9 | 59·0 | 26·6 | 12·0 | 18·2 | 25·6 | 16·0 | 81 | 41 | 79 | 12·6 | 9·9 | 10·7 | 0 | 0 | 0 | NW | 10 | NW | 28 | NW | 4 | 0·0 | 4·4 |
| Month | 63·51 | 62·26 | 63·34 | 22·8 | 7·0 | 13·5 | 21·7 | 13·0 | 77 | 42 | 76 | 9·0 | 7·8 | 8·5 | 1·7 | 3·6 | 1·8 | — | 4·8 | — | 13·8 | — | 2·2 | 2·9 | 4·58 |

**Remarks:**—12 ≋ 7³⁰.

$C_h = +1$ mm.

## April 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·2 | 58·3 | 59·8 | 25·0 | 10·0 | 16·5 | 23·2 | 15·5 | 79 | 46 | 65 | 11·1 | 9·7 | 8·6 | 2 | 7 | 0 | WNW | 9 | NW | 10 | NW | 4 | 0·0 | 4·0 |
| 2 | 60·3 | 58·2 | 58·4 | 26·0 | 7·0 | 15·0 | 25·5 | 16·5 | 81 | 35 | 65 | 10·2 | 8·5 | 9·0 | 0 | 0 | 0 | NW | 1 | NE | 3 | NE | 3 | 0·0 | 3·8 |
| 3 | 58·3 | 57·0 | 59·6 | 28·5 | 11·3 | 16·5 | 27·0 | 16·5 | 74 | 31 | 69 | 10·4 | 8·3 | 9·6 | 0 | 0 | 0 | E | 3 | NW | 1 | NW | 6 | 0·0 | 4·5 |
| 4 | 61·0 | 59·3 | 60·8 | 25·0 | 8·0 | 17·2 | 24·5 | 15·0 | 74 | 30 | 69 | 10·8 | 6·9 | 8·8 | 0 | 8 | 0 | W | 11 | W | 17 | NW | 3 | 0·0 | 4·5 |
| 5 | 63·1 | 60·7 | 62·2 | 25·5 | 7·0 | 16·0 | 25·0 | 13·5 | 74 | 25 | 66 | 10·0 | 5·9 | 7·6 | 0 | 5 | 0 | NW | 4 | NE | 7 | NE | 1 | 0·0 | 5·0 |
| 6 | 62·0 | 60·5 | 59·9 | 27·7 | 6·0 | 16·5 | 26·6 | 16·1 | 74 | 26 | 62 | 10·4 | 6·7 | 8·5 | 0 | 0 | 0 | NW | 6 | WNW | 10 | NW | 3 | 0·0 | 5·8 |
| 7 | 58·3 | 55·2 | 57·3 | 30·0 | 11·0 | 17·7 | 29·5 | 18·5 | 63 | 22 | 60 | 9·5 | 6·8 | 9·4 | 0 | 0 | 0 | ESE | 10 | NNE | 10 | NE | 7 | 0·0 | 7·0 |
| 8 | 54·3 | 56·3 | 58·9 | 30·0 | 13·0 | 19·2 | 29·4 | 16·8 | 65 | 28 | 77 | 10·8 | 8·7 | 11·0 | 9 | 0 | 0 | WSW | 11 | NW | 21 | WNW | 4 | 0·0 | 6·5 |
| 9 | 61·2 | 60·3 | 62·1 | 27·0 | 8·7 | 17·5 | 25·5 | 15·0 | 68 | 39 | 71 | 10·1 | 9·2 | 9·0 | 7 | 0 | 0 | NNW | 1 | NNW | 14 | NW | 1 | 0·0 | 4·7 |
| 10 | 62·6 | 60·3 | 60·5 | 26·8 | 7·0 | 16·2 | 25·7 | 18·8 | 79 | 38 | 57 | 10·8 | 9·1 | 9·1 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | SW | 4 | 0·0 | 4·6 |
| 11 | 57·4 | 54·6 | 56·3 | 35·5 | 10·8 | 20·0 | 34·0 | 19·0 | 45 | 19 | 59 | 7·9 | 7·6 | 9·7 | 0 | 8 | 5 | S | 10 | NW | 16 | Calm | 0 | 0·0 | 8·2 |
| 12 | 54·8 | 53·0 | 56·6 | 30·4 | 11·0 | 17·8 | 29·3 | 16·4 | 80 | 28 | 78 | 12·1 | 8·4 | 10·9 | 8 | 10 | 8 | E | 6 | W | 10 | Calm | 0 | 0·0 | 4·0 |
| 13 | 60·0 | 59·4 | 61·7 | 27·9 | 10·0 | 17·0 | 27·0 | 18·5 | 73 | 36 | 58 | 10·5 | 9·4 | 9·2 | 8 | 0 | 0 | NE | 3 | NE | 1 | NE | 1 | 0·0 | 4·3 |
| 14 | 62·2 | 60·2 | 60·9 | 29·4 | 12·4 | 19·0 | 29·3 | 19·0 | 63 | 30 | 58 | 10·3 | 9·2 | 9·6 | 0 | 0 | 0 | E | 9 | E | 17 | E | 9 | 0·0 | 6·0 |
| 15 | 58·9 | 56·1 | 55·7 | 35·8 | 13·0 | 20·0 | 35·5 | 25·2 | 55 | 18 | 57 | 9·6 | 7·9 | 13·4 | 0 | 5 | 9 | E | 4 | E | 6 | E | 1 | 0·0 | 8·4 |
| 16 | 57·1 | 57·1 | 58·6 | 27·7 | 17·0 | 20·7 | 26·5 | 18·8 | 76 | 46 | 82 | 13·7 | 11·7 | 13·2 | 10 | 10 | 7 | NW | 4 | NNW | 9 | NNW | 6 | 0·0 | 4·2 |
| 17 | 59·5 | 59·4 | 61·1 | 26·3 | 15·5 | 19·0 | 24·2 | 17·5 | 76 | 39 | 72 | 12·4 | 8·8 | 10·8 | 9 | 9 | 0 | NNE | 6 | NNE | 7 | NNE | 3 | 0·0 | 5·3 |
| 18 | 61·8 | 61·1 | 61·6 | 24·2 | 15·2 | 17·5 | 23·0 | 16·9 | 79 | 38 | 72 | 11·8 | 8·0 | 10·3 | 10 | 9 | 10 | NE | 10 | NNE | 6 | NNW | 4 | 0·0 | 5·5 |
| 19 | 59·2 | 57·4 | 57·2 | 26·0 | 13·0 | 18·7 | 24·5 | 19·0 | 74 | 31 | 63 | 11·9 | 7·2 | 10·3 | 8 | 10 | 10 | NE | 10 | ENE | 14 | ENE | 6 | 0·0 | 6·8 |
| 20 | 55·9 | 55·5 | 56·2 | 25·5 | 17·0 | 20·5 | 24·0 | 19·5 | 70 | 64 | 61 | 12·6 | 14·3 | 10·3 | 10 | 10 | 7 | Calm | 0 | SE | 7 | W | 14 | 0·0 | 4·3 |
| 21 | 57·4 | 58·8 | 60·1 | 26·8 | 16·0 | 19·0 | 24·8 | 16·5 | 76 | 45 | 76 | 12·4 | 10·4 | 10·7 | 10 | 9 | 0 | W | 13 | NNW | 17 | NNW | 3 | 0·0 | 4·8 |
| 22 | 61·5 | 60·3 | 61·0 | 27·2 | 9·0 | 18·0 | 25·8 | 16·2 | 71 | 35 | 68 | 10·9 | 8·4 | 9·4 | 2 | 7 | 0 | W | 7 | NW | 14 | NW | 1 | 0·0 | 5·3 |
| 23 | 62·1 | 60·9 | 62·3 | 26·2 | 10·5 | 19·7 | 25·3 | 16·8 | 61 | 41 | 65 | 10·5 | 9·8 | 9·3 | 9 | 7 | 0 | WNW | 10 | NNW | 21 | NW | 4 | 0·0 | 5·7 |
| 24 | 62·4 | 60·8 | 61·7 | 27·1 | 11·5 | 18·5 | 26·6 | 17·2 | 67 | 36 | 65 | 10·6 | 9·3 | 9·5 | 8 | 6 | 0 | NNW | 4 | NNE | 4 | NNW | 1 | 0·0 | 4·5 |
| 25 | 61·0 | 59·6 | 60·0 | 28·1 | 10·8 | 18·1 | 27·5 | 19·0 | 76 | 35 | 60 | 11·8 | 9·5 | 9·8 | 0 | 0 | 7 | Calm | 0 | NE | 7 | NE | 4 | 0·0 | 5·4 |
| 26 | 60·9 | 59·6 | 61·1 | 28·5 | 10·5 | 18·5 | 27·8 | 17·0 | 72 | 31 | 66 | 11·4 | 8·6 | 9·5 | 0 | 0 | 0 | NE | 4 | NNE | 7 | NNE | 4 | 0·0 | 4·5 |
| 27 | 61·9 | 60·3 | 61·3 | 30·0 | 10·7 | 19·4 | 29·2 | 18·0 | 71 | 30 | 65 | 11·9 | 9·1 | 10·0 | 0 | 0 | 0 | E | 7 | E | 10 | E | 3 | 0·0 | 6·7 |
| 28 | 61·5 | 59·7 | 59·8 | 30·2 | 11·2 | 20·1 | 29·6 | 19·3 | 67 | 31 | 52 | 11·8 | 9·5 | 8·7 | 0 | 0 | 0 | ENE | 4 | ENE | 25 | ENE | 3 | 0·0 | 8·7 |
| 29 | 58·8 | 56·9 | 57·9 | 28·8 | 12·0 | 20·4 | 28·2 | 20·0 | 73 | 29 | 58 | 13·0 | 8·3 | 10·2 | 9 | 9 | 0 | NE | 10 | NE | 23 | NE | 1 | 0·0 | 7·4 |
| 30 | 56·0 | 53·9 | 55·7 | 33·7 | 15·0 | 22·5 | 32·2 | 20·0 | 66 | 29 | 64 | 13·4 | 10·6 | 11·1 | 3 | 5 | 0 | NNE | 6 | NNE | 6 | NNW | 20 | 0·0 | 7·0 |
| Month | 59·69 | 58·36 | 59·54 | 28·2 | 11·4 | 18·4 | 27·2 | 17·7 | 71 | 34 | 65 | 11·2 | 8·9 | 9·9 | 4·1 | 4·5 | 2·1 | — | 6·1 | — | 10·7 | — | 4·1 | 0·0 | 5·58 |

**Remarks:**—10 ≋ 7³⁰.—12 ≋ 7³⁰.

# QORASHIA.

$\varphi = 30° 50' 50''$ N. $\lambda = 31° 7' 21''$ E. H = 7·6 m. $h_t$ = 1·6 m. $h_r$ = 1·0 m.

$C_h$ = + 1 mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 57·4 | 56·7 | 58·1 | 28·7 | 11·0 | 19·8 | 27·5 | 18·0 | 70 | 36 | 66 | 11·9 | 9·7 | 10·2 | 7 | 7 | 0 | WNW | 11 | NW | 21 | Calm | 0 | 0·0 | 5·5 |
| 2 | 59·2 | 57·9 | 59·6 | 30·2 | 11·0 | 19·8 | 29·5 | 18·0 | 70 | 29 | 63 | 12·1 | 9·1 | 9·6 | 2 | 5 | 0 | Calm | 0 | NE | 6 | Calm | 0 | 0·0 | 6·3 |
| 3 | 59·9 | 58·3 | 59·7 | 31·6 | 11·5 | 19·5 | 30·5 | 19·0 | 71 | 29 | 54 | 12·0 | 9·3 | 8·9 | 0 | 2 | 0 | NE | 1 | NE | 10 | NE | 3 | 0·0 | 7·0 |
| 4 | 59·9 | 57·7 | 58·8 | 30·7 | 14·0 | 20·1 | 29·5 | 19·0 | 64 | 25 | 58 | 11·2 | 7·9 | 9·6 | 3 | 7 | 0 | E | 9 | E | 1 | NE | 4 | 0·0 | 7·0 |
| 5 | 59·1 | 57·1 | 57·8 | 31·8 | 13·0 | 20·7 | 30·1 | 21·5 | 67 | 22 | 54 | 12·2 | 6·7 | 10·2 | 0 | 0 | 0 | E | 4 | E | 10 | E | 10 | 0·0 | 7·5 |
| 6 | 56·6 | 54·6 | 54·5 | 35·8 | 14·0 | 25·2 | 34·5 | 25·5 | 30 | 21 | 48 | 7·1 | 8·5 | 11·6 | 0 | 6 | 5 | SSE | 9 | SE | 9 | SE | 14 | 0·0 | 9·8 |
| 7 | 55·0 | 53·9 | 54·7 | 30·7 | 14·0 | 23·5 | 30·0 | 19·5 | 58 | 23 | 56 | 12·5 | 7·1 | 9·5 | 9 | 0 | 0 | NNW | 28 | NNW | 9 | NNW | 4 | 0·0 | 7·8 |
| 8 | 59·4 | 57·2 | 58·6 | 31·2 | 10·6 | 19·8 | 30·5 | 18·0 | 64 | 22 | 63 | 11·1 | 7·1 | 9·8 | 3 | 0 | 0 | NNW | 4 | WNW | 10 | NW | 4 | 0·0 | 7·6 |
| 9 | 59·3 | 56·7 | 59·9 | 27·5 | 10·8 | 20·3 | 26·2 | 18·0 | 66 | 44 | 75 | 11·6 | 11·1 | 11·6 | 5 | 10 | 0 | NW | 4 | W | 10 | NW | 3 | 0·0 | 5·6 |
| 10 | 58·8 | 57·3 | 57·8 | 28·1 | 11·0 | 19·9 | 27·0 | 21·0 | 70 | 36 | 69 | 12·0 | 9·5 | 12·7 | 7 | 8 | 7 | ESE | 1 | ESE | 4 | E | 10 | 0·0 | 4·5 |
| 11 | 55·4 | 53·1 | 53·9 | 34·2 | 14·5 | 22·6 | 33·8 | 24·0 | 55 | 25 | 50 | 11·1 | 9·8 | 10·9 | 5 | 7 | 5 | ESE | 3 | ESE | 11 | E | 21 | 0·0 | 8·2 |
| 12 | 55·9 | 56·0 | 58·4 | 29·2 | 16·0 | 21·4 | 28·7 | 19·3 | 65 | 45 | 80 | 12·2 | 12·9 | 13·3 | 5 | 7 | 0 | WSW | 21 | W | 36 | WNW | 4 | 0·0 | 5·6 |
| 13 | 60·5 | 59·3 | 60·6 | 29·7 | 15·0 | 20·5 | 28·5 | 18·5 | 74 | 51 | 80 | 13·4 | 14·6 | 12·7 | 10 | 2 | 0 | WNW | 10 | NW | 20 | NNW | 1 | 0·0 | 6·0 |
| 14 | 60·5 | 58·6 | 59·9 | 31·0 | 11·0 | 20·5 | 30·6 | 18·3 | 77 | 39 | 70 | 13·8 | 12·8 | 11·0 | 0 | 7 | 0 | Calm | 0 | NNW | 6 | NNE | 7 | 0·0 | 6·3 |
| 15 | 59·0 | 57·3 | 58·1 | 27·5 | 11·8 | 19·7 | 27·0 | 18·2 | 75 | 40 | 69 | 12·8 | 10·6 | 10·7 | 7 | 5 | 0 | NNE | 4 | NNW | 11 | NNW | 7 | 0·0 | 6·2 |
| 16 | 56·1 | 56·1 | 57·3 | 25·0 | 14·0 | 20·6 | 21·0 | 16·9 | 68 | 55 | 86 | 12·2 | 10·1 | 12·3 | 8 | 10 | 0 | NW | 13 | NNE | 13 | N | 7 | 8·0 | 3·2 |
| 17 | 59·0 | 58·3 | 58·9 | 27·5 | 12·4 | 20·0 | 25·8 | 19·2 | 72 | 37 | 83 | 12·6 | 8·9 | 13·7 | 0 | 8 | 0 | NE | 9 | NNE | 14 | NNE | 1 | 0·0 | 5·8 |
| 18 | 60·6 | 58·5 | 59·2 | 31·9 | 12·0 | 21·0 | 30·6 | 20·5 | 78 | 31 | 74 | 14·3 | 10·1 | 13·4 | 1 | 3 | 0 | N | 7 | NE | 10 | NE | 1 | 0·0 | 6·2 |
| 19 | 60·3 | 58·4 | 59·4 | 34·5 | 11·0 | 20·3 | 33·0 | 23·4 | 69 | 25 | 73 | 12·2 | 9·4 | 15·7 | 0 | 3 | 0 | Calm | 0 | E | 10 | E | 3 | 0·0 | 8·6 |
| 20 | 57·7 | 56·3 | 57·1 | 35·0 | 17·0 | 27·0 | 34·5 | 24·8 | 52 | 27 | 66 | 14·0 | 11·1 | 15·3 | 0 | 0 | 0 | Calm | 0 | ESE | 7 | E | 1 | 0·0 | 7·0 |
| 21 | 58·0 | 56·9 | 57·5 | 36·0 | 15·3 | 22·8 | 33·5 | 22·5 | 68 | 24 | 74 | 14·0 | 9·1 | 15·0 | 0 | 4 | 0 | E | 6 | E | 10 | E | 4 | 0·0 | 8·0 |
| 22 | 58·0 | 56·6 | 57·3 | 34·0 | 15·5 | 23·6 | 33·0 | 20·5 | 72 | 27 | 73 | 15·5 | 10·3 | 13·1 | 7 | 8 | 0 | SE | 9 | ESE | 9 | N | 3 | 0·0 | 8·6 |
| 23 | 54·1 | 53·5 | 54·7 | 29·4 | 18·8 | 25·0 | 29·0 | 21·2 | 56 | 47 | 75 | 13·2 | 13·9 | 14·0 | 8 | 7 | 0 | WNW | 16 | NW | 21 | NW | 1 | 0·0 | 6·0 |
| 24 | 58·4 | 57·3 | 58·3 | 32·5 | 14·5 | 21·6 | 30·5 | 20·5 | 69 | 30 | 66 | 13·1 | 9·8 | 11·8 | 0 | 6 | 0 | NE | 2 | NW | 13 | NW | 1 | 0·0 | 8·3 |
| 25 | 58·9 | 58·3 | 59·8 | 30·5 | 15·6 | 22·5 | 29·3 | 19·8 | 57 | 38 | 68 | 11·5 | 11·7 | 11·7 | 0 | 7 | 0 | NE | 6 | NNW | 10 | NNW | 6 | 0·0 | 6·5 |
| 26 | 61·4 | 60·4 | 60·9 | 29·4 | 12·5 | 21·9 | 26·4 | 19·7 | 64 | 43 | 70 | 12·3 | 11·0 | 12·0 | 6 | 8 | 0 | NW | 6 | N | 10 | N | 3 | 0·0 | 6·0 |
| 27 | 61·6 | 60·5 | 61·4 | 29·5 | 11·5 | 21·7 | 28·0 | 19·0 | 69 | 38 | 65 | 13·2 | 10·7 | 10·7 | 8 | 7 | 0 | WNW | 3 | NNW | 17 | NNW | 7 | 0·0 | 7·4 |
| 28 | 62·5 | 60·8 | 61·7 | 28·0 | 11·6 | 21·0 | 26·7 | 19·2 | 66 | 41 | 68 | 12·1 | 10·5 | 11·3 | 7 | 7 | 0 | NW | 14 | NNW | 21 | NNW | 1 | 0·0 | 6·8 |
| 29 | 62·9 | 61·4 | 61·8 | 28·0 | 11·0 | 21·0 | 26·5 | 19·0 | 63 | 37 | 72 | 11·5 | 9·4 | 11·7 | 6 | 1 | 0 | NNE | 4 | N | 11 | N | 3 | 0·0 | 6·4 |
| 30 | 61·7 | 60·4 | 60·8 | 29·4 | 12·0 | 20·0 | 28·3 | 19·6 | 73 | 40 | 70 | 12·7 | 11·5 | 11·9 | 2 | 7 | 0 | NNE | 1 | N | 11 | N | 3 | 0·0 | 7·3 |
| 31 | 60·7 | 59·4 | 59·7 | 29·5 | 11·5 | 21·3 | 28·3 | 18·8 | 63 | 29 | 66 | 11·8 | 8·3 | 10·7 | 0 | 0 | 0 | NE | 2 | NNE | 14 | N | 1 | 0·0 | 8·5 |
| Month | 58·96 | 57·64 | 58·59 | 30·6 | 13·1 | 21·4 | 29·3 | 20·0 | 66 | 34 | 68 | 12·4 | 10·1 | 11·8 | 3·7 | 5·1 | 0·5 | — | 6·7 | — | 12·1 | — | 4·4 | 8·0 | 6·82 |

**Remarks**:—16 ☈ 12h–15h.

$C_h$ = + 1 mm.

## June 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9·6 | 58·2 | 58·5 | 30·5 | 12·0 | 21·9 | 28·5 | 20·5 | 67 | 38 | 60 | 13·0 | 10·9 | 10·8 | 5 | 6 | 0 | NNE | 6 | NNW | 13 | Calm | 0 | 0·0 | 9·4 |
| 2 | 59·6 | 58·5 | 58·9 | 32·4 | 12·5 | 22·5 | 30·6 | 21·0 | 72 | 32 | 65 | 14·5 | 10·5 | 12·0 | 0 | 0 | 0 | NW | 9 | NNW | 21 | NNW | 4 | 0·0 | 7·8 |
| 3 | 61·3 | 59·3 | 59·6 | 34·3 | 12·9 | 22·6 | 33·0 | 22·5 | 71 | 25 | 65 | 14·5 | 9·6 | 13·2 | 0 | 0 | 0 | NNW | 4 | N | 9 | Calm | 0 | 0·0 | 8·0 |
| 4 | 61·3 | 60·5 | 61·3 | 34·1 | 15·0 | 22·7 | 33·0 | 23·3 | 71 | 28 | 57 | 14·6 | 10·6 | 12·1 | 0 | 0 | 0 | Calm | 0 | NE | 10 | Calm | 0 | 0·0 | 8·5 |
| 5 | 62·1 | 60·7 | 61·2 | 30·5 | 15·7 | 24·0 | 30·3 | 21·0 | 57 | 29 | 61 | 12·6 | 9·1 | 11·2 | 0 | 0 | 0 | NE | 9 | ENE | 17 | ENE | 1 | 0·0 | 8·2 |
| 6 | 60·6 | 58·7 | 59·7 | 31·4 | 14·2 | 24·0 | 30·5 | 21·7 | 60 | 27 | 62 | 13·3 | 8·7 | 11·9 | 0 | 0 | 0 | NE | 10 | NE | 20 | Calm | 0 | 0·0 | 10·0 |
| 7 | 58·7 | 57·4 | 58·3 | 33·5 | 12·9 | 24·7 | 32·5 | 23·0 | 66 | 23 | 63 | 15·4 | 8·6 | 13·1 | 0 | 0 | 0 | NNE | 7 | NE | 14 | Calm | 0 | 0·0 | 10·5 |
| 8 | 59·0 | 57·8 | 58·9 | 35·2 | 12·7 | 24·0 | 34·5 | 23·8 | 73 | 29 | 61 | 16·1 | 12·0 | 13·2 | 0 | 0 | 0 | N | 4 | NNW | 6 | NNW | 3 | 0·0 | 8·0 |
| 9 | 59·4 | 58·5 | 58·9 | 34·5 | 13·7 | 23·0 | 33·2 | 23·0 | 74 | 22 | 63 | 15·5 | 8·1 | 13·1 | 1 | 0 | 0 | Calm | 0 | N | 14 | Calm | 0 | 0·0 | 9·7 |
| 10 | 59·0 | 57·3 | 58·1 | 37·8 | 14·4 | 24·7 | 36·5 | 23·5 | 67 | 28 | 67 | 15·5 | 12·6 | 14·4 | 0 | 0 | 0 | S | 3 | NNW | 6 | NE | 11 | 0·0 | 9·2 |
| 11 | 58·8 | 57·4 | 58·0 | 31·4 | 15·3 | 23·7 | 28·2 | 21·7 | 67 | 45 | 63 | 14·5 | 12·9 | 12·2 | 5 | 7 | 0 | N | 3 | WNW | 11 | NW | 3 | 0·0 | 7·2 |
| 12 | 58·5 | 57·3 | 57·7 | 31·5 | 14·5 | 23·7 | 30·5 | 22·8 | 70 | 31 | 63 | 15·1 | 10·1 | 12·9 | 1 | 2 | 0 | N | 4 | NNW | 9 | NW | 3 | 0·0 | 8·0 |
| 13 | 58·7 | 56·9 | 57·3 | 33·0 | 14·5 | 24·0 | 31·5 | 23·0 | 71 | 40 | 70 | 15·6 | 13·8 | 14·0 | 3 | 7 | 5 | Calm | 0 | NNW | 4 | Calm | 0 | 0·0 | 7·2 |
| 14 | 58·8 | 57·9 | 58·4 | 33·0 | 15·9 | 23·3 | 31·5 | 23·2 | 73 | 38 | 61 | 15·4 | 13·1 | 13·0 | 7 | 2 | 0 | NNW | 1 | NW | 14 | Calm | 0 | 0·0 | 7·0 |
| 15 | 59·4 | 58·6 | 59·3 | 35·0 | 15·6 | 25·7 | 33·5 | 24·5 | 71 | 35 | 64 | 17·4 | 13·5 | 14·6 | 0 | 2 | 0 | NNW | 1 | NNW | 18 | NNW | 3 | 0·0 | 9·0 |
| 16 | 59·3 | 58·9 | 60·0 | 32·5 | 16·2 | 25·0 | 31·0 | 22·0 | 68 | 36 | 63 | 16·0 | 11·8 | 12·3 | 0 | 0 | 0 | NNW | 7 | NNE | 17 | NNE | 1 | 0·0 | 9·0 |
| 17 | 60·1 | 59·2 | 59·7 | 29·7 | 14·1 | 22·8 | 28·5 | 20·3 | 64 | 45 | 67 | 13·2 | 13·0 | 11·9 | 0 | 0 | 0 | N | 7 | N | 21 | N | 3 | 0·0 | 8·8 |
| 18 | 60·3 | 59·6 | 60·5 | 28·9 | 12·6 | 22·0 | 28·5 | 20·4 | 62 | 39 | 67 | 12·1 | 11·3 | 12·0 | 1 | 0 | 0 | NNW | 13 | NNW | 16 | NNW | 4 | 0·0 | 9·8 |
| 19 | 61·5 | 60·1 | 61·0 | 31·2 | 13·8 | 22·7 | 31·0 | 22·7 | 61 | 32 | 58 | 12·5 | 10·6 | 11·9 | 0 | 0 | 0 | NNE | 4 | NNE | 17 | NNE | 3 | 0·0 | 9·2 |
| 20 | 61·5 | 59·8 | 60·6 | 32·7 | 14·1 | 24·0 | 32·2 | 23·4 | 61 | 29 | 53 | 13·6 | 10·4 | 11·3 | 0 | 0 | 0 | NNE | 4 | NE | 17 | NE | 9 | 0·0 | 9·8 |
| 21 | 60·0 | 58·5 | 59·1 | 34·0 | 13·5 | 24·5 | 33·0 | 23·5 | 60 | 20 | 52 | 13·6 | 7·3 | 11·1 | 0 | 0 | 0 | NNE | 7 | NE | 11 | NE | 3 | 0·0 | 11·0 |
| 22 | 59·3 | 57·6 | 58·3 | 35·1 | 13·0 | 23·6 | 34·0 | 23·5 | 72 | 29 | 53 | 15·3 | 11·4 | 11·4 | 0 | 0 | 0 | NE | 1 | NE | 7 | NE | 1 | 0·0 | 8·2 |
| 23 | 59·8 | 58·1 | 59·0 | 35·8 | 14·5 | 22·5 | 34·5 | 25·4 | 92 | 23 | 55 | 18·5 | 9·5 | 13·1 | 10 | 0 | 0 | NW | 1 | NNE | 16 | NE | 1 | 0·0 | 10·5 |
| 24 | 60·3 | 58·3 | 59·1 | 35·5 | 16·4 | 25·5 | 34·5 | 23·5 | 72 | 28 | 56 | 17·5 | 11·4 | 12·0 | 0 | 0 | 0 | WSW | 3 | NNW | 17 | NNW | 9 | 0·0 | 8·5 |
| 25 | 58·8 | 57·5 | 57·7 | 32·5 | 17·0 | 23·8 | 31·2 | 23·5 | 72 | 35 | 65 | 15·7 | 11·7 | 13·9 | 2 | 0 | 0 | N | 6 | NNW | 14 | NNW | 10 | 0·0 | 8·5 |
| 26 | 58·4 | 57·0 | 57·8 | 32·7 | 15·5 | 24·6 | 31·5 | 23·5 | 68 | 33 | 62 | 15·6 | 11·5 | 13·3 | 0 | 0 | 0 | NNW | 7 | N | 17 | NNW | 4 | 0·0 | 9·0 |
| 27 | 58·3 | 56·9 | 57·3 | 35·0 | 14·5 | 24·5 | 34·3 | 25·8 | 72 | 30 | 65 | 16·3 | 12·1 | 15·9 | 0 | 0 | 0 | Calm | 0 | NNE | 9 | NNE | 4 | 0·0 | 9·2 |
| 28 | 57·7 | 56·5 | 57·9 | 38·5 | 15·0 | 26·4 | 37·5 | 27·5 | 64 | 25 | 53 | 16·2 | 11·9 | 14·3 | 0 | 0 | 0 | SSE | 1 | NNE | 14 | Calm | 0 | 0·0 | 10·5 |
| 29 | 59·2 | 58·3 | 59·2 | 34·5 | 18·2 | 24·8 | 33·3 | 24·0 | 71 | 37 | 67 | 16·5 | 14·2 | 14·9 | 0 | 0 | 0 | NE | 4 | N | 7 | N | 7 | 0·0 | 8·0 |
| 30 | 60·6 | 59·7 | 60·4 | 31·6 | 15·5 | 24·0 | 30·4 | 23·3 | 72 | 44 | 66 | 16·0 | 14·3 | 14·0 | 8 | 5 | 3 | NNW | 4 | NNW | 11 | NNW | 10 | 0·0 | 7·2 |
| Month | 59·66 | 58·37 | 59·06 | 33·3 | 14·5 | 23·8 | 32·1 | 23·0 | 69 | 32 | 62 | 15·0 | 11·2 | 12·8 | 1·4 | 1·0 | 0·3 | — | 4·3 | — | 13·2 | — | 3·2 | 0·0 | 8·83 |

**Remarks**:—22 ☾ 6h.—23 ≈ 7h.—30 ☾ 7h.

# QORASHIA.

$\varphi$ = 30° 50′ 50″ N. $\lambda$ = 31° 7′ 21″ E. H = 7·6 m. $h_t$ = 1·6 m. $h_r$ = 1·0 m.

$C_h$ = + 1 mm.

## July 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Vel. | Wind 14 h. Direct. | Vel. | Wind 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60·4 | 58·7 | 59·6 | 31·0 | 15·1 | 24·0 | 29·7 | 22·5 | 63 | 36 | 63 | 14·1 | 11·1 | 12·6 | 8 | 0 | 0 | NNE | 4 | NNE | 13 | NNE | 7 | 0·0 | 7·5 |
| 2 | 60·1 | 58·9 | 60·4 | 31·5 | 14·9 | 23·3 | 30·5 | 22·0 | 62 | 36 | 64 | 13·2 | 11·6 | 12·4 | 7 | 0 | 0 | NE | 3 | N | 11 | N | 1 | 0·0 | 7·5 |
| 3 | 60·5 | 59·2 | 60·2 | 31·6 | 14·2 | 23·6 | 30·8 | 22·6 | 66 | 38 | 70 | 14·4 | 12·5 | 14·3 | 4 | 0 | 0 | N | 4 | NNE | 10 | NNE | 6 | 0·0 | 7·0 |
| 4 | 60·6 | 59·2 | 60·2 | 31·9 | 14·0 | 24·4 | 31·0 | 22·5 | 61 | 36 | 70 | 13·8 | 11·8 | 14·2 | 1 | 0 | 0 | NNE | 7 | NNE | 10 | NNE | 4 | 0·0 | 7·5 |
| 5 | 60·4 | 58·8 | 59·4 | 31·4 | 15·3 | 25·1 | 33·0 | 24·2 | 68 | 32 | 66 | 16·0 | 12·0 | 14·6 | 0 | 0 | 0 | NNW | 7 | NNW | 13 | NNW | 4 | 0·0 | 10·5 |
| 6 | 58·4 | 57·6 | 58·2 | 36·5 | 15·4 | 26·5 | 36·0 | 25·0 | 61 | 28 | 68 | 15·5 | 12·5 | 16·0 | 0 | 0 | 0 | NNE | 3 | NE | 14 | NE | 3 | 0·0 | 11·0 |
| 7 | 58·2 | 57·7 | 58·6 | 37·9 | 15·8 | 26·5 | 36·5 | 25·5 | 66 | 29 | 62 | 16·9 | 13·1 | 14·9 | 0 | 0 | 0 | WSW | 4 | NNW | 16 | NNE | 3 | 0·0 | 9·5 |
| 8 | 59·6 | 58·0 | 58·8 | 34·0 | 17·5 | 24·7 | 33·0 | 25·0 | 74 | 41 | 73 | 17·1 | 15·3 | 17·1 | 3 | 0 | 0 | NNE | 7 | NNE | 13 | NNE | 3 | 0·0 | 6·5 |
| 9 | 59·4 | 57·9 | 58·8 | 38·5 | 20·1 | 25·7 | 37·5 | 27·0 | 74 | 22 | 71 | 18·1 | 10·5 | 18·8 | 0 | 0 | 0 | Calm | 0 | NNE | 10 | NNE | 1 | 0·0 | 9·8 |
| 10 | 59·2 | 57·6 | 57·8 | 38·7 | 18·3 | 27·8 | 37·8 | 26·7 | 61 | 23 | 60 | 17·0 | 11·2 | 15·5 | 0 | 0 | 0 | NNE | 3 | N | 10 | NNE | 1 | 0·0 | 9·8 |
| 11 | 57·9 | 56·9 | 57·5 | 36·0 | 17·5 | 26·2 | 35·0 | 25·5 | 65 | 24 | 58 | 16·4 | 9·9 | 14·0 | 0 | 0 | 0 | NNW | 10 | NNE | 21 | Calm | 0 | 0·0 | 9·9 |
| 12 | 57·7 | 56·8 | 57·9 | 39·2 | 16·8 | 27·6 | 38·5 | 27·0 | 69 | 20 | 54 | 18·9 | 10·4 | 14·3 | 0 | 0 | 0 | Calm | 0 | NE | 11 | NE | 1 | 0·0 | 10·2 |
| 13 | 58·6 | 57·6 | 58·1 | 41·8 | 16·6 | 28·0 | 41·0 | 28·5 | 57 | 18 | 55 | 16·0 | 10·2 | 15·6 | 0 | 0 | 0 | SE | 1 | E | 10 | NE | 7 | 0·0 | 10·2 |
| 14 | 59·6 | 58·7 | 59·6 | 34·0 | 18·6 | 26·5 | 32·0 | 25·3 | 69 | 37 | 68 | 17·6 | 13·0 | 16·2 | 0 | 0 | 0 | N | 9 | N | 16 | N | 1 | 0·0 | 8·0 |
| 15 | 58·9 | 57·2 | 58·0 | 32·1 | 16·0 | 25·3 | 31·0 | 24·2 | 68 | 43 | 66 | 16·2 | 14·5 | 14·8 | 5 | 0 | 0 | N | 7 | N | 17 | N | 1 | 0·0 | 6·7 |
| 16 | 56·6 | 55·1 | 55·8 | 34·0 | 17·0 | 25·0 | 33·5 | 25·5 | 72 | 36 | 68 | 16·9 | 13·9 | 16·4 | 2 | 0 | 0 | NNW | 7 | NNW | 10 | Calm | 0 | 0·0 | 7·3 |
| 17 | 56·5 | 56·5 | 56·9 | 34·0 | 17·4 | 26·9 | 33·0 | 26·0 | 67 | 38 | 62 | 17·6 | 14·3 | 15·4 | 0 | 0 | 0 | NNW | 3 | NNW | 14 | Calm | 0 | 0·0 | 7·2 |
| 18 | 56·9 | 56·0 | 56·5 | 36·0 | 18·0 | 26·0 | 35·0 | 26·2 | 79 | 49 | 69 | 19·6 | 20·5 | 17·4 | 0 | 0 | 0 | NW | 4 | NNE | 7 | Calm | 0 | 0·0 | 7·0 |
| 19 | 57·3 | 56·4 | 57·6 | 36·1 | 18·3 | 25·0 | 34·5 | 25·0 | 82 | 44 | 70 | 19·3 | 17·7 | 16·6 | 2 | 0 | 0 | W | 4 | NNW | 14 | NNW | 7 | 0·0 | 7·8 |
| 20 | 57·5 | 56·9 | 57·6 | 31·7 | 17·0 | 25·0 | 31·3 | 25·0 | 65 | 47 | 66 | 15·3 | 16·0 | 15·5 | 3 | 4 | 0 | NW | 4 | NNW | 14 | Calm | 0 | 0·0 | 7·6 |
| 21 | 58·4 | 56·9 | 57·4 | 31·9 | 16·5 | 24·3 | 31·4 | 24·0 | 69 | 49 | 67 | 15·6 | 16·7 | 14·9 | 7 | 2 | 0 | NNW | 6 | NNW | 16 | NNW | 1 | 0·0 | 6·8 |
| 22 | 57·3 | 56·2 | 57·1 | 33·4 | 17·3 | 25·0 | 32·5 | 25·0 | 74 | 44 | 64 | 17·5 | 16·0 | 15·2 | 5 | 0 | 0 | NNE | 4 | NNW | 14 | NNW | 3 | 0·0 | 7·2 |
| 23 | 55·5 | 54·4 | 55·3 | 33·5 | 17·5 | 25·5 | 32·5 | 23·5 | 77 | 41 | 68 | 18·6 | 15·0 | 14·6 | 2 | 0 | 0 | NW | 10 | N | 14 | N | 4 | 0·0 | 6·6 |
| 24 | 54·7 | 54·2 | 55·1 | 33·3 | 16·3 | 25·2 | 32·0 | 23·8 | 74 | 29 | 61 | 17·7 | 10·4 | 13·2 | 0 | 0 | 0 | NW | 9 | NW | 14 | N | 4 | 0·0 | 7·3 |
| 25 | 56·7 | 56·4 | 57·9 | 33·5 | 15·7 | 24·5 | 32·5 | 23·2 | 78 | 31 | 65 | 17·8 | 11·4 | 13·8 | 1 | 0 | 0 | NW | 3 | NNW | 14 | Calm | 0 | 0·0 | 7·3 |
| 26 | 58·9 | 57·2 | 58·7 | 34·7 | 14·0 | 23·1 | 33·0 | 24·2 | 75 | 41 | 65 | 15·7 | 15·3 | 14·5 | 7 | 0 | 0 | Calm | 0 | NNW | 11 | Calm | 0 | 0·0 | 6·4 |
| 27 | 57·0 | 56·1 | 56·5 | 31·0 | 18·5 | 25·3 | 30·0 | 23·2 | 73 | 47 | 66 | 17·4 | 14·7 | 13·9 | 8 | 7 | 0 | NNE | 3 | NNE | 20 | NNW | 10 | 0·0 | 7·8 |
| 28 | 55·4 | 54·8 | 55·5 | 31·6 | 17·6 | 25·8 | 31·0 | 23·5 | 67 | 48 | 66 | 16·6 | 15·9 | 14·2 | 8 | 7 | 0 | NW | 14 | NW | 27 | NW | 3 | 0·0 | 6·3 |
| 29 | 56·5 | 55·9 | 56·9 | 31·0 | 17·9 | 25·0 | 30·5 | 22·7 | 69 | 42 | 75 | 16·2 | 13·5 | 15·4 | 1 | 0 | 0 | W | 14 | NNW | 18 | NW | 3 | 0·0 | 7·0 |
| 30 | 57·5 | 57·1 | 57·8 | 31·6 | 16·6 | 25·0 | 30·0 | 23·7 | 75 | 51 | 74 | 17·6 | 16·0 | 16·0 | 0 | 7 | 0 | NW | 4 | N | 14 | N | 1 | 0·0 | 6·5 |
| 31 | 58·4 | 57·3 | 57·9 | 31·7 | 16·6 | 24·5 | 30·5 | 23·5 | 72 | 46 | 67 | 16·3 | 14·8 | 14·4 | 3 | 7 | 0 | N | 4 | NNW | 10 | NNW | 4 | 0·0 | 6·6 |
| Month | 58·08 | 57·04 | 57·86 | 34·1 | 16·7 | 25·4 | 33·1 | 24·6 | 69 | 37 | 66 | 16·7 | 13·6 | 15·1 | 2·5 | 1·1 | 0·0 | — | 5·2 | — | 13·7 | — | 2·7 | 0·0 | 7·88 |

**Remarks:**—11 ⌓² $7^{30}$.—12 ⌓² $7^{15}$.—15 ⌓² $7^{h}$.—17 ⌓ $7^{h}$.—19 ≋ $7^{10}$.—23 ⌓ $7^{10}$.—24 ⌓ $7^{15}$.—25 ≋ $7^{10}$.—26 ≋ $6^{30}$.

$C_h$ = + 1 mm.

## August 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Vel. | Wind 14 h. Direct. | Vel. | Wind 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·3 | 57·0 | 57·3 | 34·2 | 16·0 | 24·3 | 33·5 | 25·5 | 74 | 31 | 65 | 16·6 | 12·0 | 15·7 | 0 | 0 | 0 | NE | 3 | NNE | 4 | Calm | 0 | 0·0 | 8·3 |
| 2 | 57·3 | 55·5 | 56·4 | 36·5 | 17·4 | 26·0 | 35·5 | 25·4 | 60 | 34 | 62 | 15·1 | 14·5 | 14·9 | 0 | 0 | 0 | S | 1 | WNW | 10 | WNW | 1 | 0·0 | 7·0 |
| 3 | 57·7 | 56·6 | 57·7 | 32·6 | 18·5 | 25·0 | 31·0 | 23·0 | 79 | 51 | 64 | 18·5 | 17·3 | 13·2 | 8 | 4 | 0 | NNW | 1 | NNW | 10 | NNW | 4 | 0·0 | 5·8 |
| 4 | 57·7 | 56·9 | 58·0 | 31·8 | 16·3 | 24·0 | 30·5 | 23·3 | 75 | 50 | 69 | 16·6 | 16·3 | 14·5 | 6 | 7 | 0 | Calm | 0 | NW | 7 | NW | 7 | 0·0 | 5·0 |
| 5 | 58·3 | 57·4 | 58·1 | 32·5 | 16·3 | 24·2 | 31·0 | 23·3 | 76 | 48 | 67 | 16·9 | 15·9 | 14·2 | 1 | 6 | 0 | WNW | 1 | WNW | 11 | NW | 3 | 0·0 | 5·6 |
| 6 | 58·3 | 58·2 | 58·5 | 31·4 | 16·5 | 24·7 | 30·8 | 23·0 | 72 | 46 | 68 | 16·6 | 15·2 | 14·2 | 5 | 6 | 0 | N | 4 | N | 13 | N | 4 | 0·0 | 6·3 |
| 7 | 57·6 | 56·1 | 57·0 | 31·5 | 16·0 | 24·8 | 31·2 | 24·2 | 73 | 47 | 78 | 17·0 | 15·8 | 17·4 | 2 | 6 | 0 | N | 10 | N | 14 | N | 4 | 0·0 | 5·9 |
| 8 | 56·6 | 55·4 | 55·7 | 34·3 | 17·4 | 24·5 | 33·5 | 25·0 | 83 | 44 | 72 | 19·0 | 16·7 | 16·9 | 1 | 2 | 0 | NNW | 7 | NW | 7 | NNW | 7 | 0·0 | 6·0 |
| 9 | 56·1 | 55·1 | 55·7 | 36·5 | 17·2 | 25·3 | 35·5 | 25·0 | 81 | 40 | 73 | 19·5 | 17·0 | 17·1 | 0 | 0 | 0 | WSW | 3 | W | 9 | NW | 7 | 0·0 | 6·3 |
| 10 | 56·2 | 55·2 | 56·6 | 33·0 | 18·0 | 25·5 | 32·5 | 24·0 | 79 | 52 | 83 | 19·2 | 18·9 | 18·4 | 2 | 0 | 0 | NW | 7 | NW | 11 | NW | 7 | 0·0 | 5·0 |
| 11 | 57·2 | 55·9 | 57·3 | 35·2 | 21·4 | 25·5 | 33·8 | 24·2 | 76 | 47 | 82 | 18·4 | 18·5 | 18·3 | 8 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 4 | 0·0 | 5·8 |
| 12 | 58·2 | 56·1 | 56·6 | 36·0 | 19·5 | 25·6 | 35·3 | 24·3 | 81 | 43 | 78 | 19·7 | 18·0 | 17·5 | 3 | 0 | 0 | NNW | 4 | NNW | 14 | Calm | 0 | 0·0 | 6·5 |
| 13 | 56·1 | 54·4 | 55·1 | 37·4 | 19·5 | 25·0 | 36·0 | 26·0 | 84 | 36 | 69 | 19·7 | 15·8 | 17·2 | 9 | 0 | 0 | NW | 3 | Calm | 0 | NW | 3 | 0·0 | 6·0 |
| 14 | 56·1 | 54·4 | 55·3 | 36·7 | 18·0 | 24·9 | 35·7 | 25·0 | 80 | 37 | 76 | 18·8 | 15·9 | 17·8 | 0 | 0 | 0 | N | 1 | WNW | 4 | NW | 7 | 0·0 | 5·5 |
| 15 | 56·2 | 54·8 | 56·5 | 36·5 | 18·5 | 25·2 | 36·0 | 25·7 | 77 | 36 | 68 | 18·4 | 15·8 | 16·7 | 0 | 0 | 0 | Calm | 0 | NE | 4 | NE | 1 | 0·0 | 6·5 |
| 16 | 58·4 | 57·6 | 58·4 | 35·8 | 19·0 | 25·7 | 35·0 | 25·5 | 81 | 30 | 69 | 19·8 | 12·6 | 16·6 | 0 | 0 | 0 | NE | 1 | NNE | 9 | NNE | 1 | 0·0 | 7·0 |
| 17 | 59·9 | 59·0 | 59·6 | 34·5 | 19·5 | 26·2 | 33·5 | 24·8 | 78 | 45 | 73 | 19·7 | 17·1 | 16·9 | 0 | 0 | 0 | NE | 3 | NNE | 16 | NNE | 3 | 0·0 | 5·8 |
| 18 | 59·6 | 58·2 | 58·5 | 33·0 | 18·3 | 25·0 | 32·0 | 24·0 | 76 | 43 | 72 | 17·8 | 15·3 | 15·8 | 1 | 0 | 0 | NNE | 3 | N | 10 | Calm | 0 | 0·0 | 6·0 |
| 19 | 58·3 | 56·7 | 57·2 | 33·5 | 20·0 | 25·4 | 33·0 | 24·2 | 69 | 45 | 78 | 16·7 | 17·0 | 17·4 | 1 | 0 | 3 | NNE | 3 | N | 10 | N | 3 | 0·0 | 6·0 |
| 20 | 55·9 | 54·0 | 54·2 | 35·4 | 18·4 | 24·5 | 34·5 | 25·8 | 80 | 46 | 75 | 18·3 | 18·5 | 18·4 | 8 | 0 | 0 | Calm | 0 | N | 9 | Calm | 0 | 0·0 | 5·0 |
| 21 | 54·5 | 53·2 | 53·9 | 35·9 | 21·0 | 25·0 | 35·0 | 25·8 | 81 | 50 | 76 | 19·1 | 20·9 | 18·8 | 6 | 0 | 0 | NNW | 1 | NNW | 1 | Calm | 0 | 0·0 | 5·2 |
| 22 | 56·4 | 55·0 | 55·5 | 37·0 | 20·0 | 22·7 | 35·8 | 26·6 | 92 | 43 | 67 | 18·9 | 18·9 | 17·4 | 10 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 5·0 |
| 23 | 58·5 | 57·6 | 58·1 | 37·0 | 18·1 | 23·0 | 35·9 | 25·6 | 96 | 37 | 73 | 20·1 | 16·2 | 17·8 | 10 | 0 | 0 | Calm | 0 | NW | 3 | NNW | 4 | 0·0 | 5·5 |
| 24 | 59·3 | 58·3 | 59·5 | 35·2 | 21·2 | 25·8 | 33·8 | 24·5 | 75 | 46 | 80 | 18·4 | 18·1 | 18·1 | 8 | 0 | 0 | NNW | 4 | N | 14 | N | 4 | 0·0 | 6·8 |
| 25 | 59·6 | 58·0 | 58·8 | 32·5 | 17·0 | 24·6 | 31·3 | 23·7 | 77 | 48 | 74 | 17·5 | 16·1 | 16·0 | 2 | 7 | 0 | N | 1 | N | 11 | N | 1 | 0·0 | 5·5 |
| 26 | 60·4 | 58·8 | 59·9 | 32·0 | 17·5 | 25·5 | 31·2 | 23·7 | 69 | 49 | 78 | 16·6 | 16·4 | 16·8 | 3 | 8 | 0 | NNE | 1 | N | 17 | Calm | 0 | 0·0 | 5·3 |
| 27 | 59·2 | 57·8 | 58·4 | 31·7 | 17·2 | 25·0 | 30·3 | 23·0 | 80 | 57 | 78 | 18·7 | 18·3 | 16·2 | 0 | 7 | 0 | SSW | 3 | WNW | 14 | WNW | 1 | 0·0 | 4·5 |
| 28 | 57·9 | 56·8 | 57·8 | 33·2 | 17·9 | 25·0 | 31·5 | 24·0 | 80 | 53 | 79 | 18·7 | 18·3 | 17·5 | 1 | 7 | 0 | WNW | 3 | WNW | 9 | Calm | 0 | 0·0 | 5·0 |
| 29 | 57·9 | 56·9 | 57·5 | 33·0 | 17·8 | 25·0 | 31·4 | 24·5 | 82 | 54 | 76 | 19·3 | 18·6 | 17·2 | 7 | 5 | 0 | WNW | 3 | WNW | 9 | Calm | 0 | 0·0 | 5·6 |
| 30 | 59·6 | 58·8 | 59·9 | 33·2 | 17·7 | 24·7 | 32·0 | 24·5 | 83 | 44 | 78 | 19·1 | 15·7 | 17·8 | 2 | 7 | 0 | Calm | 0 | NNW | 14 | NNW | 1 | 0·0 | 6·0 |
| 31 | 61·5 | 60·8 | 61·5 | 30·8 | 18·0 | 24·6 | 29·5 | 22·0 | 69 | 40 | 76 | 16·0 | 12·4 | 15·0 | 1 | 6 | 0 | N | 3 | NNE | 14 | Calm | 0 | 0·0 | 6·0 |
| Month | 57·90 | 56·66 | 57·47 | 34·2 | 18·2 | 24·9 | 33·1 | 24·5 | 78 | 44 | 73 | 18·2 | 16·6 | 16·7 | 3·4 | 2·5 | 0·1 | — | 2·5 | — | 9·2 | — | 2·5 | 0·0 | 5·86 |

**Remarks:**—8 ⌓² $7^{15}$.—10 ⌓² $7^{45}$.—14 ≋ $6^{h}$.—17 ⌓² $7^{h}$.—20 ⌓² $7^{h}$.—22 ≋ $7^{30}$.—23 ≋ $8^{05}$.—25 ⌓² $7^{30}$.—30 ⌓² $7^{20}$.

# QORASHIA.

$\varphi = 30° 50' 50''$ N. $\lambda = 31° 7' 21''$ E. H = 7·6 m. $h_b$ = 1·6 m. $h_r$ = 1·0 m.

$C_h$ = + 1 mm. **September 1913.**

| Date | Standard Pressure in mm. 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60·7 | 59·5 | 59·8 | 31·0 | 16·8 | 24·5 | 29·7 | 23·6 | 68 | 42 | 75 | 15·5 | 13·1 | 16·0 | 0 | 5 | 0 | NNW | 10 | NNW | 7 | Calm | 0 | 0·0 | 5·7 |
| 2 | 58·5 | 57·1 | 57·5 | 32·6 | 17·0 | 24·5 | 32·2 | 23·8 | 76 | 42 | 77 | 17·2 | 15·2 | 16·8 | 0 | 4 | 0 | NNE | 4 | NNE | 4 | Calm | 0 | 0·0 | 5·5 |
| 3 | 58·0 | 56·6 | 57·6 | 34·5 | 16·0 | 24·5 | 33·8 | 24·8 | 86 | 44 | 73 | 19·6 | 17·1 | 17·0 | 3 | 5 | 0 | Calm | 0 | NNE | 7 | Calm | 0 | 0·0 | 5·2 |
| 4 | 59·0 | 57·6 | 58·3 | 34·5 | 17·0 | 24·3 | 33·0 | 24·8 | 90 | 44 | 77 | 20·3 | 16·6 | 17·9 | 8 | 4 | 0 | Calm | 0 | NNE | 7 | Calm | 0 | 0·0 | 5·0 |
| 5 | 59·0 | 57·4 | 58·2 | 34·2 | 17·6 | 24·0 | 33·5 | 24·2 | 89 | 44 | 82 | 19·7 | 16·7 | 18·3 | 6 | 1 | 0 | Calm | 0 | NNE | 7 | Calm | 0 | 0·0 | 5·6 |
| 6 | 58·9 | 57·4 | 57·8 | 34·0 | 18·0 | 24·6 | 32·7 | 25·7 | 83 | 46 | 75 | 19·2 | 16·8 | 18·3 | 3 | 1 | 0 | Calm | 0 | NNW | 6 | Calm | 0 | 0·0 | 5·0 |
| 7 | 58·9 | 57·1 | 58·0 | 33·9 | 17·8 | 24·3 | 33·0 | 23·0 | 85 | 39 | 79 | 19·2 | 14·7 | 16·6 | 5 | 0 | 0 | Calm | 0 | N | 4 | Calm | 0 | 0·0 | 5·0 |
| 8 | 59·3 | 57·8 | 58·5 | 33·7 | 17·0 | 23·5 | 33·0 | 24·2 | 89 | 39 | 78 | 19·1 | 14·7 | 17·4 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 6·0 |
| 9 | 59·6 | 58·4 | 59·0 | 33·6 | 17·0 | 24·6 | 32·0 | 23·0 | 87 | 47 | 77 | 20·1 | 16·7 | 16·1 | 5 | 0 | 0 | Calm | 0 | NNW | 14 | Calm | 0 | 0·0 | 5·0 |
| 10 | 59·6 | 57·9 | 58·9 | 32·4 | 18·0 | 25·0 | 31·2 | 23·0 | 78 | 50 | 83 | 18·4 | 16·8 | 17·3 | 0 | 4 | 0 | NNE | 1 | NNW | 9 | Calm | 0 | 0·0 | 4·5 |
| 11 | 59·4 | 58·1 | 59·9 | 32·4 | 18·0 | 24·6 | 31·2 | 23·7 | 82 | 45 | 81 | 18·8 | 15·3 | 17·7 | 8 | 1 | 0 | Calm | 0 | NNE | 6 | Calm | 0 | 0·0 | 5·2 |
| 12 | 60·2 | 58·9 | 59·6 | 34·2 | 18·5 | 25·0 | 32·7 | 24·2 | 82 | 40 | 82 | 19·3 | 14·5 | 18·3 | 2 | 5 | 0 | NNE | 4 | NNE | 4 | Calm | 0 | 0·0 | 6·0 |
| 13 | 60·1 | 58·5 | 59·8 | 35·0 | 15·9 | 24·3 | 34·2 | 22·5 | 85 | 28 | 78 | 19·2 | 11·3 | 15·8 | 0 | 0 | 0 | Calm | 0 | NE | 11 | Calm | 0 | 0·0 | 6·3 |
| 14 | 60·3 | 58·7 | 59·4 | 36·6 | 17·0 | 23·0 | 35·5 | 24·5 | 98 | 33 | 83 | 20·5 | 14·1 | 19·0 | 0 | 0 | 0 | NNW | 1 | NE | 13 | Calm | 0 | 0·0 | 6·4 |
| 15 | 60·1 | 58·4 | 59·0 | 38·0 | 18·9 | 26·0 | 37·5 | 25·0 | 80 | 29 | 80 | 20·0 | 13·8 | 18·7 | 0 | 0 | 0 | NNE | 4 | NE | 9 | Calm | 0 | 0·0 | 7·8 |
| 16 | 59·1 | 57·0 | 57·3 | 36·5 | 18·8 | 25·6 | 34·8 | 24·5 | 81 | 32 | 80 | 19·7 | 13·2 | 18·1 | 0 | 0 | 0 | Calm | 0 | NNE | 11 | Calm | 0 | 0·0 | 7·2 |
| 17 | 57·0 | 55·1 | 56·6 | 35·5 | 17·7 | 25·0 | 34·8 | 23·8 | 87 | 30 | 83 | 20·6 | 12·5 | 18·0 | 0 | 0 | 0 | Calm | 0 | NNE | 6 | Calm | 0 | 0·0 | 5·5 |
| 18 | 57·4 | 56·4 | 57·9 | 35·2 | 17·0 | 23·6 | 34·5 | 23·7 | 99 | 35 | 72 | 21·5 | 14·0 | 15·6 | 0 | 0 | 0 | Calm | 0 | NNE | 1 | Calm | 0 | 0·0 | 5·2 |
| 19 | 58·4 | 57·1 | 59·0 | 35·2 | 17·0 | 20·6 | 34·0 | 23·5 | 99 | 31 | 75 | 17·8 | 12·3 | 16·1 | 10 | 6 | 0 | W | 4 | NW | 7 | Calm | 0 | 0·0 | 4·6 |
| 20 | 60·8 | 59·4 | 60·3 | 35·0 | 16·0 | 22·5 | 33·5 | 23·0 | 91 | 36 | 73 | 18·3 | 13·9 | 15·2 | 8 | 0 | 0 | Calm | 0 | NNW | 7 | N | 3 | 0·0 | 5·6 |
| 21 | 61·0 | 60·5 | 60·2 | 33·7 | 18·0 | 24·7 | 33·0 | 22·3 | 87 | 41 | 83 | 20·2 | 15·5 | 16·5 | 2 | 0 | 0 | N | 3 | NNW | 14 | NNW | 1 | 0·0 | 6·0 |
| 22 | 59·8 | 57·8 | 58·4 | 33·0 | 16·1 | 23·5 | 31·3 | 21·9 | 89 | 51 | 81 | 19·1 | 17·5 | 15·9 | 5 | 0 | 0 | SSE | 1 | NNW | 14 | Calm | 0 | 0·0 | 4·3 |
| 23 | 59·0 | 58·0 | 59·4 | 31·6 | 17·0 | 23·8 | 30·2 | 21·7 | 72 | 46 | 81 | 15·7 | 14·6 | 15·7 | 0 | 0 | 0 | NNW | 1 | NNW | 1 | Calm | 0 | 0·0 | 4·7 |
| 24 | 59·2 | 59·2 | 60·2 | 32·3 | 16·5 | 22·6 | 29·5 | 21·8 | 82 | 49 | 80 | 16·6 | 15·0 | 15·5 | 0 | 5 | 0 | Calm | 0 | NNW | 14 | Calm | 0 | 0·0 | 4·8 |
| 25 | 61·5 | 60·1 | 60·8 | 30·4 | 15·4 | 22·5 | 29·2 | 21·4 | 74 | 45 | 82 | 15·0 | 13·4 | 15·5 | 0 | 2 | 0 | Calm | 0 | NNE | 1 | Calm | 0 | 0·0 | 4·8 |
| 26 | 61·2 | 60·0 | 60·5 | 30·5 | 15·4 | 22·6 | 29·7 | 21·5 | 77 | 40 | 84 | 15·8 | 12·6 | 16·0 | 0 | 4 | 0 | NNE | 1 | NNE | 6 | Calm | 0 | 0·0 | 4·2 |
| 27 | 61·2 | 60·7 | 61·5 | 30·4 | 16·1 | 23·0 | 29·3 | 22·0 | 70 | 47 | 82 | 14·6 | 14·3 | 16·2 | 0 | 6 | 0 | NNE | 1 | Calm | 0 | Calm | 0 | 0·0 | 4·6 |
| 28 | 62·7 | 61·7 | 62·9 | 30·5 | 16·0 | 23·2 | 29·7 | 21·3 | 70 | 45 | 72 | 14·8 | 14·0 | 13·5 | 0 | 0 | 0 | E | 4 | NNE | 10 | NNE | 3 | 0·0 | 5·0 |
| 29 | 62·2 | 60·6 | 61·4 | 33·6 | 14·5 | 21·7 | 32·5 | 22·5 | 77 | 42 | 73 | 14·9 | 15·4 | 14·9 | 0 | 0 | 0 | NE | 3 | Calm | 0 | Calm | 0 | 0·0 | 4·5 |
| 30 | 61·3 | 60·1 | 60·7 | 30·0 | 15·7 | 22·8 | 29·5 | 21·0 | 76 | 46 | 71 | 15·7 | 14·1 | 13·1 | 0 | 7 | 0 | Calm | 0 | NNW | 14 | Calm | 0 | 0·0 | 5·2 |
| Month | 59·78 | 58·44 | 59·28 | 33·5 | 16·9 | 23·8 | 32·4 | 23·2 | 83 | 41 | 78 | 18·2 | 14·7 | 16·6 | 2·2 | 2·0 | 0·0 | — | 1·4 | — | 7·1 | — | 0·2 | 0·0 | 5.35 |

**Remarks:**—4 ≋ $7^{40}$.—6 ☽ $^{2}$ $7^{30}$.—7 ☽ $^{2}$ $7^{30}$.—8 ☽ $^{2}$ $8^{30}$.—9 ≋ $7^{15}$.—10 ☽ $^{2}$ $7^{h}$.—13 ☽ $^{2}$ $8^{25}$.—14 ≋ $8^{30}$.—15 ☽ $^{2}$ $8^{30}$.—16 ☽ $^{2}$ $7^{30}$.—17 ☽ $^{2}$ $8^{35}$.—18 ≋ $8^{35}$.—19 ≋ $9^{h}$.—21 ☽ $^{2}$ $7^{30}$.—22 ☽ $^{2}$ $7^{30}$.—24 ☽ $^{2}$ $7^{30}$.—27 ☽ $^{2}$ $7^{15}$.—29 ☽ $^{2}$ $7^{15}$.—30 ☽ $^{2}$ $7^{30}$.

$C_h$ = + 1 mm. **October 1913.**

| Date | Standard Pressure in mm. 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·1 | 60·0 | 61·4 | 29·5 | 14·4 | 22·7 | 27·5 | 20·0 | 73 | 50 | 75 | 14·9 | 13·6 | 13·0 | 0 | 7 | 2 | NNW | 3 | NNW | 14 | Calm | 0 | 0·0 | 5·2 |
| 2 | 62·3 | 61·6 | 62·9 | 30·0 | 13·8 | 21·8 | 29·1 | 20·5 | 84 | 53 | 86 | 16·3 | 15·6 | 15·4 | 0 | 0 | 0 | Calm | 0 | N | 11 | Calm | 0 | 0·0 | 4·7 |
| 3 | 63·3 | 62·0 | 62·7 | 30·5 | 15·0 | 23·0 | 28·0 | 21·5 | 83 | 54 | 84 | 17·3 | 15·1 | 16·0 | 0 | 7 | 0 | Calm | 0 | NNE | 9 | NNE | 1 | 0·0 | 5·0 |
| 4 | 63·9 | 62·1 | 62·7 | 29·7 | 16·4 | 24·0 | 29·0 | 20·0 | 69 | 40 | 85 | 15·3 | 11·9 | 14·8 | 0 | 0 | 0 | NNE | 6 | NE | 16 | Calm | 0 | 0·0 | 5·6 |
| 5 | 62·0 | 59·9 | 60·6 | 29·7 | 15·0 | 22·7 | 28·5 | 20·5 | 71 | 51 | 85 | 14·6 | 14·4 | 15·3 | 0 | 0 | 0 | NE | 3 | NE | 11 | Calm | 0 | 0·0 | 5·0 |
| 6 | 60·4 | 58·4 | 59·0 | 31·5 | 15·0 | 23·0 | 30·5 | 21·7 | 77 | 50 | 85 | 16·1 | 16·3 | 16·3 | 0 | 0 | 0 | NNE | 6 | NNE | 10 | NNE | 3 | 0·0 | 4·5 |
| 7 | 59·4 | 58·2 | 58·8 | 33·1 | 16·3 | 22·8 | 32·6 | 21·0 | 89 | 43 | 84 | 18·3 | 15·7 | 15·4 | 0 | 0 | 0 | Calm | 0 | N | 6 | Calm | 0 | 0·0 | 4·5 |
| 8 | 59·8 | 58·0 | 58·9 | 33·1 | 15·0 | 22·3 | 32·5 | 22·4 | 93 | 36 | 89 | 18·6 | 13·2 | 17·8 | 0 | 0 | 0 | Calm | 0 | NNE | 10 | NNE | 1 | 0·0 | 4·6 |
| 9 | 59·8 | 58·2 | 58·9 | 34·1 | 19·5 | 23·0 | 33·5 | 24·0 | 96 | 53 | 87 | 20·1 | 20·3 | 19·3 | 6 | 0 | 0 | NNE | 1 | ENE | 1 | ENE | 1 | 0·0 | 3·5 |
| 10 | 59·1 | 57·8 | 58·9 | 33·9 | 18·5 | 22·5 | 32·3 | 23·0 | 97 | 50 | 89 | 19·7 | 20·0 | 18·5 | 5 | 0 | 0 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 5·0 |
| 11 | 59·8 | 58·5 | 60·0 | 33·0 | 19·1 | 24·0 | 32·0 | 21·7 | 88 | 44 | 89 | 19·5 | 15·7 | 17·2 | 0 | 0 | 0 | NNE | 1 | NNE | 4 | Calm | 0 | 0·0 | 5·0 |
| 12 | 60·6 | 58·9 | 59·7 | 32·5 | 16·4 | 22·8 | 31·5 | 21·0 | 89 | 30 | 89 | 18·3 | 10·3 | 16·4 | 0 | 0 | 0 | NNE | 1 | NNE | 7 | Calm | 0 | 0·0 | 5·8 |
| 13 | 60·1 | 58·4 | 59·2 | 33·0 | 14·5 | 20·4 | 31·5 | 23·0 | 97 | 44 | 83 | 17·1 | 15·1 | 17·3 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | NNE | 1 | 0·0 | 3·6 |
| 14 | 59·2 | 58·0 | 59·1 | 31·1 | 17·0 | 20·0 | 30·4 | 22·5 | 96 | 47 | 87 | 16·7 | 15·2 | 17·6 | 0 | 1 | 0 | NNE | 4 | SW | 1 | Calm | 0 | 0·0 | 3·7 |
| 15 | 61·7 | 61·0 | 62·0 | 30·5 | 17·8 | 23·1 | 29·4 | 21·5 | 84 | 53 | 87 | 17·6 | 16·0 | 16·5 | 1 | 7 | 0 | NNE | 4 | Calm | 0 | Calm | 0 | 0·0 | 4·0 |
| 16 | 63·7 | 62·2 | 63·2 | 29·6 | 15·0 | 23·0 | 29·0 | 21·0 | 78 | 49 | 82 | 16·4 | 14·5 | 15·1 | 0 | 0 | 0 | Calm | 0 | NE | 1 | NE | 1 | 0·0 | 3·7 |
| 17 | 62·7 | 60·3 | 61·0 | 31·5 | 16·5 | 22·0 | 31·1 | 21·5 | 81 | 39 | 87 | 16·0 | 13·2 | 16·5 | 0 | 0 | 0 | ESE | 1 | E | 4 | NE | 1 | 0·0 | 4·0 |
| 18 | 60·0 | 59·7 | 61·1 | 31·0 | 15·8 | 21·2 | 29·7 | 20·0 | 89 | 57 | 86 | 16·6 | 17·7 | 14·9 | 0 | 2 | 0 | NW | 1 | NNW | 10 | NNW | 3 | 0·0 | 4·0 |
| 19 | 62·5 | 61·3 | 62·1 | 28·5 | 13·5 | 20·5 | 26·3 | 19·6 | 80 | 57 | 87 | 14·3 | 14·4 | 14·7 | 0 | 9 | 0 | Calm | 0 | NNW | 14 | Calm | 0 | 0·0 | 3·2 |
| 20 | 62·7 | 60·7 | 61·4 | 29·7 | 13·6 | 18·8 | 29·0 | 20·5 | 95 | 49 | 86 | 15·3 | 14·5 | 15·4 | 0 | 7 | 0 | Calm | 0 | NNW | 10 | Calm | 0 | 0·0 | 3·5 |
| 21 | 61·2 | 59·3 | 60·4 | 30·4 | 14·6 | 20·7 | 29·3 | 20·0 | 81 | 31 | 72 | 14·7 | 9·5 | 12·6 | 0 | 6 | 9 | SSW | 3 | WNW | 3 | NW | 3 | 0·1 | 5·0 |
| 22 | 61·0 | 59·7 | 60·8 | 30·0 | 15·5 | 18·3 | 29·1 | 18·0 | 73 | 42 | 85 | 11·4 | 12·6 | 13·1 | 8 | 2 | 5 | SSE | 3 | SW | 7 | Calm | 0 | 0·0 | 4·5 |
| 23 | 61·1 | 59·9 | 61·4 | 29·2 | 13·0 | 20·0 | 27·2 | 18·0 | 76 | 56 | 92 | 13·2 | 15·0 | 14·1 | 0 | 7 | 5 | WSW | 10 | NNW | 13 | Calm | 0 | 0·1 | 3·4 |
| 24 | 61·5 | 60·0 | 61·3 | 27·5 | 13·6 | 19·5 | 24·4 | 17·8 | 86 | 60 | 82 | 14·4 | 13·5 | 12·4 | 0 | 7 | 4 | WSW | 11 | NNW | 11 | Calm | 0 | 0·0 | 3·4 |
| 25 | 61·2 | 59·7 | 61·8 | 26·5 | 12·5 | 18·5 | 25·3 | 17·4 | 81 | 46 | 92 | 12·9 | 10·9 | 13·6 | 1 | 6 | 3 | WSW | 10 | WNW | 23 | Calm | 0 | 0·6 | 3·1 |
| 26 | 62·6 | 61·4 | 62·0 | 27·3 | 12·8 | 19·2 | 25·0 | 17·6 | 87 | 61 | 84 | 14·3 | 14·3 | 12·6 | 0 | 7 | 0 | SW | 1 | NNW | 1 | Calm | 0 | 0·0 | 3·0 |
| 27 | 63·1 | 61·4 | 62·1 | 27·5 | 11·0 | 17·3 | 26·5 | 17·5 | 95 | 40 | 85 | 13·9 | 10·1 | 12·6 | 0 | 3 | 0 | Calm | 0 | WSW | 4 | Calm | 0 | 0·0 | 3·5 |
| 28 | 62·3 | 60·4 | 61·2 | 28·5 | 13·5 | 18·5 | 28·0 | 16·5 | 85 | 54 | 90 | 13·5 | 15·1 | 12·5 | 3 | 7 | 0 | Calm | 0 | SW | 3 | Calm | 0 | 0·0 | 3·0 |
| 29 | 61·8 | 60·4 | 61·2 | 28·4 | 12·1 | 19·5 | 26·5 | 17·6 | 81 | 43 | 87 | 13·7 | 10·9 | 13·0 | 1 | 7 | 5 | W | 3 | N | 9 | Calm | 0 | 0·0 | 3·4 |
| 30 | 61·1 | 60·9 | 62·3 | 27·2 | 15.0 | 20·4 | 26·1 | 17·5 | 85 | 50 | 86 | 15·2 | 12·5 | 12·8 | 0 | 6 | 0 | WSW | 1 | NNE | 14 | Calm | 0 | 0·0 | 4·6 |
| 31 | 62·4 | 61·2 | 62·0 | 27·5 | 12·5 | 19·4 | 26·2 | 17·5 | 87 | 50 | 83 | 14·5 | 12·6 | 12·3 | 0 | 7 | 0 | NNW | 1 | NNW | 17 | Calm | 0 | 0·0 | 4·0 |
| Month | 61·40 | 59·98 | 60·97 | 30·2 | 15·0 | 21·1 | 28·9 | 20·1 | 85 | 48 | 85 | 15·8 | 14·2 | 15·0 | 0·8 | 3·4 | 1·1 | — | 2·4 | — | 8·2 | — | 0·5 | 0·8 | 4·16 |

**Remarks:**—1 ☽ $^{30}$.—2 ☽ $^{45}$.—4 ☽ $^{30}$.—5 ☽ $^{35}$.—6 ☽ $^{h}$.—7 ☽ $^{35}$.—8 ≋ $^{h}$.—9 ≋ $^{45}$.—11 ☽ $^{35}$.—12 ☽ $^{45}$.—13 ≋ $^{45}$.—14 ≋ $^{35}$.—15 ☽ $^{40}$.—16 ≋ $^{15}$.—17 ≋ $^{15}$.—18 ≋ $^{30}$.—19 ≋ $^{15}$.—20 ≋ $^{50}$.—21 ≋ $^{10}$, < $19^{h}$-$22^{h}$.—22 < $19^{h}$-$23^{h}$.—23 < $19^{h}$-$23^{h}$.—24 < $19^{h}$-$23^{h}$.—25 < $^{h}$-$22^{30}$.—27 ≋ $^{45}$.—28 ≋ $^{h}$.—2 ≋ $^{20}$.—30 ☽ $^{2}$ $8^{30}$.—31 ☽ $^{2}$ $8^{30}$.

# QORASHIA.

$\varphi = 30° 50' 50''$ N. $\lambda = 31° 7' 21''$ E. H = 7·6 m. $h_t = 1·6$ m. $h_r = 1·0$ m.

$C_h = +1$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 62·9 | 61·2 | 62·1 | 27·5 | 11·3 | 17·0 | 26·2 | 16·3 | 89 | 48 | 86 | 12·8 | 12·1 | 11·9 | 3 | 6 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·3 |
| 2 | 62·6 | 61·7 | 62·2 | 26·8 | 11.7 | 18·0 | 26·0 | 16·7 | 85 | 44 | 88 | 13·1 | 10·9 | 12·4 | 1 | 4 | 0 | WSW | 4 | W | 9 | Calm | 0 | 0·0 | 3·7 |
| 3 | 63·1 | 61·3 | 62·4 | 27·0 | 11·5 | 16·8 | 26·0 | 17·2 | 92 | 44 | 84 | 13·1 | 10·9 | 12·2 | 0 | 5 | 0 | WSW | 4 | NNW | 4 | Calm | 0 | 0·0 | 3·5 |
| 4 | 62·6 | 61·0 | 62·1 | 27·0 | 12·3 | 17·5 | 24·5 | 16·7 | 87 | 53 | 93 | 12·9 | 12·2 | 13·1 | 7 | 9 | 9 | Calm | 0 | NNW | 6 | Calm | 0 | 0·7 | 2·5 |
| 5 | 61·8 | 60·6 | 61·7 | 26·0 | 12·0 | 16·8 | 24·6 | 14·8 | 90 | 51 | 91 | 12·8 | 11·8 | 11·4 | 8 | 8 | 3 | WNW | 3 | NNW | 16 | Calm | 0 | 0·0 | 3·0 |
| 6 | 63·0 | 62·0 | 63·5 | 26·0 | 10·5 | 16·2 | 23·7 | 17·6 | 89 | 59 | 79 | 12·2 | 12·7 | 11·8 | 0 | 8 | 0 | WNW | 3 | NNW | 9 | Calm | 0 | 0·0 | 3·3 |
| 7 | 65·1 | 63·5 | 64·7 | 25·6 | 11·0 | 15·6 | 24·4 | 18·0 | 87 | 55 | 80 | 11·5 | 12·4 | 12·3 | 0 | 5 | 0 | Calm | 0 | NNW | 6 | Calm | 0 | 0·0 | 3·5 |
| 8 | 65·1 | 63·0 | 64·3 | 26·0 | 10·9 | 15·6 | 24·5 | 18·3 | 93 | 57 | 79 | 12·3 | 13·0 | 12·3 | 0 | 9 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·2 |
| 9 | 65·0 | 64·0 | 64·3 | 27·2 | 13·[illegible] | 18·5 | 26·3 | 17·2 | 85 | 54 | 83 | 13·5 | 13·5 | 12·1 | 0 | 6 | 0 | Calm | 0 | NNW | 7 | Calm | 0 | 0·0 | 3·8 |
| 10 | 65·6 | 64·5 | 65·5 | 23·5 | 12·0 | 17·5 | 22·8 | 14·0 | 85 | 55 | 90 | 12·6 | 11·3 | 10·6 | 0 | 7 | 0 | NNE | 4 | NNW | 4 | Calm | 0 | 0·0 | 4·1 |
| 11 | 65·7 | 64·1 | 65·1 | 24·5 | 8·8 | 16·0 | 23·0 | 14·0 | 79 | 52 | 87 | 10·7 | 10·8 | 10·3 | 0 | 6 | 0 | Calm | 0 | NNE | 7 | Calm | 0 | 0·0 | 3·5 |
| 12 | 64·4 | 63·4 | 64·4 | 24·3 | 10.3 | 14·5 | 23·0 | 14·4 | 93 | 56 | 85 | 11·3 | 11·5 | 10·3 | 9 | 6 | 0 | Calm | 0 | N | 14 | Calm | 0 | 0·0 | 3·5 |
| 13 | 65·6 | 64·7 | 65·5 | 24·5 | 10·1 | 16·4 | 22·7 | 15·0 | 83 | 46 | 84 | 11·6 | 9·4 | 10·6 | 8 | 7 | 0 | Calm | 0 | NE | 3 | Calm | 0 | 0·0 | 3·4 |
| 14 | 65·6 | 63·6 | 63·8 | 23·5 | 9·1 | 14·6 | 23·0 | 13·7 | 78 | 52 | 92 | 9·7 | 10·8 | 10·6 | 0 | 0 | 0 | Calm | 0 | NNE | 6 | Calm | 0 | 0·0 | 3·7 |
| 15 | 62·4 | 60·2 | 60·7 | 26 4 | 5·3 | 14·0 | 24·7 | 15·5 | 95 | 49 | 92 | 11·2 | 11·3 | 12·1 | 6 | 7 | 0 | Calm | 0 | NE | 3 | Calm | 0 | 0·0 | 3·2 |
| 16 | 60·4 | 60·0 | 60·8 | 26·0 | 9·3 | 14·7 | 25·0 | 15·2 | 91 | 48 | 82 | 11·3 | 11·2 | 10·5 | 0 | 7 | 0 | SW | 1 | W | 3 | Calm | 0 | 0·0 | 3·3 |
| 17 | 63·7 | 62·6 | 63·1 | 25·8 | 13·3 | 16·3 | 24·9 | 18·7 | 88 | 62 | 84 | 12·2 | 14·4 | 13·4 | 8 | 8 | 8 | W | 1 | WNW | 6 | Calm | 0 | 0·0 | 2·8 |
| 18 | 63·2 | 61·8 | 63·0 | 25·4 | 14·5 | 16·5 | 24·7 | 16·5 | 91 | 50 | 82 | 12·6 | 11·4 | 11·5 | 9 | 7 | 10 | Calm | 0 | W | 7 | Calm | 0 | 0·0 | 2·8 |
| 19 | 62·7 | 61·2 | 62·0 | 25·0 | 9·8 | 14·9 | 24·2 | 16·5 | 92 | 51 | 81 | 11·6 | 11·6 | 11·4 | 0 | 6 | 0 | Calm | 0 | WNW | 3 | Calm | 0 | 0·0 | 3·0 |
| 20 | 63·0 | 62·0 | 62·9 | 23·0 | 9·2 | 13·6 | 22·0 | 12·7 | 75 | 38 | 76 | 8·7 | 7·5 | 8·3 | 0 | 0 | 0 | WSW | 7 | WSW | 20 | Calm | 0 | 0·0 | 4·3 |
| 21 | 64·5 | 63·6 | 64·3 | 23·6 | 10·0 | 15·0 | 21·7 | 14·0 | 82 | 62 | 79 | 10·4 | 11·9 | 9·4 | 0 | 9 | 0 | WSW | 9 | N | 3 | Calm | 0 | 0·0 | 2·7 |
| 22 | 63·6 | 61·5 | 62·5 | 23·5 | 9·5 | 15·0 | 22·6 | 15·4 | 86 | 58 | 75 | 10·9 | 11·8 | 9·7 | 3 | 7 | 0 | NW | 1 | NNE | 3 | Calm | 0 | 0·0 | 3·6 |
| 23 | 60·4 | 59·1 | 59·9 | 22·5 | 11·5 | 13·7 | 20·0 | 15·7 | 97 | 73 | 75 | 11·3 | 12·7 | 9·9 | 10 | 9 | 10 | SW | 14 | WSW | 11 | Calm | 0 | 0·1 | 2·2 |
| 24 | 61·9 | 61·8 | 63·6 | 22·5 | 12·0 | 15·0 | 21·0 | 13·5 | 89 | 61 | 75 | 11·3 | 11·2 | 8·7 | 2 | 9 | 0 | W | 13 | NNW | 9 | Calm | 0 | 0·0 | 3·5 |
| 25 | 64·1 | 63·1 | 64·6 | 24·6 | 8·5 | 13·3 | 23·7 | 15·4 | 91 | 51 | 87 | 10·3 | 11·1 | 11·3 | 3 | 7 | 10 | SSW | 4 | W | 10 | Calm | 0 | 0·0 | 2·8 |
| 26 | 64·2 | 63·0 | 63·5 | 24·5 | 8·0 | 12·5 | 22·2 | 13·5 | 90 | 61 | 83 | 9·6 | 12·0 | 9·5 | 0 | 7 | 0 | SSW | 1 | NNW | 3 | Calm | 0 | 0·0 | 2·8 |
| 27 | 63·9 | 62·3 | 62·8 | 22·4 | 8·5 | 13·5 | 21·0 | 12·6 | 89 | 58 | 82 | 10·2 | 10·8 | 8·8 | 0 | 8 | 0 | W | 3 | NNW | 10 | Calm | 0 | 0·0 | 2·7 |
| 28 | 62·4 | 60·4 | 61·0 | 22·3 | 7·0 | 11·0 | 21·7 | 12·4 | 94 | 62 | 85 | 9·2 | 12·0 | 8·9 | 0 | 8 | 0 | Calm | 0 | WNW | 14 | Calm | 0 | 0·0 | 2·4 |
| 29 | 60·2 | 58·1 | 58·9 | 21·0 | 7·5 | 12·6 | 20·2 | 12·0 | 83 | 54 | 76 | 8·9 | 9·5 | 8·0 | 2 | 8 | 0 | WSW | 11 | WSW | 26 | Calm | 0 | 0·0 | 3·6 |
| 30 | 59·7 | 60·3 | 62·0 | 20·9 | 10·5 | 12·5 | 18·2 | 12·5 | 85 | 64 | 77 | 9·0 | 10·0 | 8·3 | 3 | 7 | 0 | S | 1 | NNW | 27 | Calm | 0 | 0·0 | 2·6 |
| Month | 63·28 | 61·99 | 62·91 | 24·6 | 10·3 | 15·2 | 23·3 | 15·2 | 88 | 54 | 83 | 11·3 | 11·5 | 10·7 | 2·7 | 6·7 | 1·7 | — | 2·8 | — | 8·3 | — | 0·0 | 0·8 | 3·21 |

**Remarks** :—1 ≋ 7^45.—2 ≋ 7^45.—3 ≋ 7^30.—4 ≋ 7^20.—6 ≋ 7^30.—7 ⌓² 9^h.—8 ≋ 8^45.—9 ≋ 7^40.—10 ⌓² 8^40.—11 ⌓² 8^05.—15 ≋ 7^45.—16 ≋ 8^10.—18 ≋ 7^30.—19 ≋ 8^05.—22 ⌓ 7^40.—25 ≋ 7^40.—26 ≋ 7^30.—27 ⌓² 8^30.—28 ≋ 8^h.—29 ≋ 7^30.

$C_h = +1$ mm.

## December 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63·8 | 62·7 | 62·7 | 20·6 | 8·0 | 11·5 | 20·0 | 16·0 | 86 | 58 | 69 | 8 6 | 10·2 | 9·4 | 0 | 7 | 0 | Calm | 0 | E | 10 | Calm | 0 | 0·0 | 3·8 |
| 2 | 60·8 | 59·6 | 60·7 | 18·8 | 11·2 | 15·0 | 18·5 | 15·0 | 81 | 72 | 76 | 10·2 | 11·4 | 9·7 | 10 | 10 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 2·0 |
| 3 | 62·2 | 60·6 | 61·9 | 20·1 | 9·0 | 11·2 | 19·4 | 12·5 | 79 | 55 | 76 | 7·8 | 9·3 | 8·1 | 0 | 7 | 0 | WSW | 21 | W | 34 | Calm | 0 | 0·0 | 2·6 |
| 4 | 63·9 | 63·8 | 66·1 | 21·0 | 10·0 | 12·9 | 20·0 | 14·0 | 87 | 59 | 78 | 9·5 | 10·4 | 9·2 | 0 | 5 | 0 | W | 11 | NNW | 11 | Calm | 0 | 0·0 | 3·0 |
| 5 | 67·6 | 65·0 | 66·8 | 21·6 | 8·1 | 12·0 | 20·2 | 14·4 | 88 | 58 | 74 | 9·1 | 10·4 | 9·0 | 3 | 6 | 10 | Calm | 0 | NNW | 11 | Calm | 0 | 0·0 | 3·1 |
| 6 | 65·0 | 61·9 | 62·5 | 22·5 | 6·5 | 10·9 | 20·5 | 12·0 | 89 | 52 | 72 | 8·6 | 9·3 | 7·5 | 7 | 7 | 7 | Calm | 0 | N | 3 | Calm | 0 | 0·0 | 2·8 |
| 7 | 59·6 | 58·5 | 59·3 | 20·8 | 8·4 | 11·0 | 17·0 | 11·7 | 75 | 61 | 72 | 7·4 | 8·7 | 7·3 | 10 | 8 | 5 | WSW | 14 | NNW | 14 | Calm | 0 | 0·3 | 3·0 |
| 8 | 59·1 | 57·9 | 58·7 | 20·6 | 8·8 | 11·5 | 19·6 | 12·8 | 87 | 57 | 70 | 8·7 | 9·8 | 7·7 | 10 | 8 | 0 | WSW | 10 | W | 21 | Calm | 0 | 0·0 | 2·8 |
| 9 | 58·1 | 56·3 | 57·2 | 19·6 | 7·8 | 11·4 | 19·0 | 11·8 | 81 | 35 | 73 | 8·1 | 5·7 | 7·5 | 0 | 0 | 0 | SSE | 7 | SSW | 28 | Calm | 0 | 0·0 | 4·2 |
| 10 | 57·5 | 56·5 | 57·4 | 16·5 | 7·0 | 10 2 | 15·0 | 10·5 | 66 | 59 | 70 | 6·1 | 7·5 | 6·6 | 10 | 10 | 8 | Calm | 0 | SW | 17 | Calm | 0 | 2·6 | 2·5 |
| 11 | 58·1 | 57·5 | 59·1 | 15·5 | 6·5 | 8·3 | 15·0 | 12·7 | 82 | 68 | 88 | 6·7 | 8·6 | 9·5 | 10 | 10 | 10 | SSE | 3 | SW | 18 | Calm | 0 | 0·0 | 2·3 |
| 12 | 61·0 | 59·4 | 60·0 | 19·0 | 7·9 | 10·7 | 18·6 | 12·1 | 84 | 41 | 85 | 8·0 | 6·5 | 8·9 | 0 | 0 | 0 | S | 11 | SSW | 26 | Calm | 0 | 0·0 | 4·2 |
| 13 | 60·0 | 59·2 | 60·1 | 18·5 | 6·5 | 9·5 | 17·7 | 10·5 | 84 | 41 | 81 | 7·4 | 6·1 | 7·7 | 9 | 0 | 0 | SSE | 4 | W | 26 | Calm | 0 | 0·0 | 3·3 |
| 14 | 61·9 | 60·6 | 61·2 | 19·5 | 4·0 | 7·5 | 18·8 | 12·2 | 86 | 51 | 83 | 6·6 | 8·3 | 8·7 | 0 | 6 | 0 | SSW | 4 | WSW | 20 | Calm | 0 | 0·0 | 2·3 |
| 15 | 62·7 | 61·3 | 62·1 | 19·0 | 5·0 | 8·0 | 17·7 | 10·5 | 93 | 51 | 81 | 7·5 | 7·0 | 7·7 | 0 | 7 | 0 | SSW | 4 | WSW | 14 | Calm | 0 | 0·0 | 3·3 |
| 16 | 57·6 | 57·5 | 57·8 | 17·0 | 8·0 | 12·3 | 14·9 | 11·0 | 72 | 59 | 75 | 7·7 | 7·4 | 7·4 | 9 | 7 | 10 | WSW | 20 | W | 30 | W | 30 | 2·1 | 2·5 |
| 17 | 62·5 | 62·8 | 64·5 | 14·0 | 6·8 | 8·0 | 13·4 | 9·0 | 96 | 67 | 77 | 7·7 | 7·7 | 6.6 | 8 | 8 | 0 | WSW | 11 | W | 23 | Calm | 0 | 2·4 | 1·3 |
| 18 | 66·5 | 66·6 | 67·5 | 17·5 | 7·3 | 8·5 | 15·6 | 9·3 | 89 | 59 | 83 | 7·4 | 7·8 | 7·2 | 3 | 7 | 0 | Calm | 0 | NW | 13 | Calm | 0 | 0·0 | 1·8 |
| 19 | 69·0 | 68·4 | 69·2 | 19·3 | 6·0 | 8·3 | 18·2 | 9·0 | 96 | 58 | 84 | 7·8 | 8·9 | 7·2 | 2 | 8 | 0 | Calm | 0 | W | 7 | Calm | 0 | 0·0 | 2·0 |
| 20 | 70·0 | 68·6 | 69·3 | 18·3 | 2·6 | 6·2 | 18·0 | 9·0 | 93 | 53 | 87 | 6·5 | 8·1 | 7·4 | 0 | 6 | 0 | Calm | 0 | NNE | 10 | Calm | 0 | 0·0 | 2·0 |
| 21 | 69·1 | 67·0 | 67·6 | 19·0 | 3·5 | 6·8 | 13·0 | 9·0 | 96 | 95 | 91 | 7·1 | 10.5 | 7·7 | 0 | 9 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 11·2 | 1·1 |
| 22 | 66·4 | 66·1 | 67·5 | 17·0 | 0·5 | 10·4 | 16·4 | 10·5 | 98 | 60 | 81 | 9·2 | 8·3 | 7·7 | 10 | 9 | 0 | Calm | 0 | N | 13 | Calm | 0 | 0·0 | 2·0 |
| 23 | 71·0 | 70·4 | 72·6 | 18·2 | 4·1 | 6·6 | 17·0 | 8·3 | 96 | 61 | 82 | 7·0 | 8·7 | 6·7 | 0 | 8 | 0 | Calm | 0 | NNW | 1 | Calm | 0 | 0·0 | 1·8 |
| 24 | 73·0 | 72·0 | 72·5 | 20·0 | 4·9 | 6·2 | 18·0 | 10·0 | 97 | 53 | 84 | 6·9 | 8·1 | 7·7 | 0 | 1 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 2·0 |
| 25 | 71·3 | 69·1 | 69·5 | 18·9 | 4·0 | 8·0 | 18·5 | 11·5 | 96 | 56 | 81 | 7·7 | 8·9 | 8·1 | 0 | 0 | 0 | Calm | 0 | NW | 7 | Calm | 0 | 0·0 | 2·0 |
| 26 | 69·3 | 67·6 | 68·4 | 19·5 | 0·2 | 4 0 | 19·0 | 9·5 | 95 | 49 | 80 | 5·8 | 7·9 | 7·1 | 0 | 0 | 0 | Calm | 0 | W | 7 | Calm | 0 | 0·0 | 2·4 |
| 27 | 67·2 | 65·8 | 67·1 | 20·6 | 2·4 | 4·5 | 20·1 | 10·8 | 84 | 67 | 81 | 5·3 | 11·8 | 7·7 | 0 | 7 | 0 | Calm | 0 | NNW | 14 | Calm | 0 | 0·0 | 2·4 |
| 28 | 68·6 | 67·0 | 67·7 | 18·5 | 4·5 | 11·5 | 17·6 | 11·0 | 88 | 54 | 81 | 8·9 | 8·1 | 8·0 | 8 | 4 | 0 | Calm | 0 | NNE | 6 | Calm | 0 | 0·0 | 2·8 |
| 29 | 66·3 | 64.6 | 64·8 | 19·0 | 6·0 | 8·5 | 18·2 | 11·2 | 88 | 50 | 81 | 7·3 | 7·7 | 8·1 | 0 | 7 | 8 | Calm | 0 | E | 7 | Calm | 0 | 0·0 | 2·4 |
| 30 | 64·7 | 63·3 | 65·0 | 23·3 | 6·5 | 10·0 | 22·5 | 11·7 | 74 | 55 | 84 | 6·8 | 11·1 | 8·5 | 1 | 2 | 0 | Calm | 0 | E | 6 | Calm | 0 | 0·0 | 3·3 |
| 31 | 67·6 | 65·9 | 66·8 | 22·5 | 5·0 | 8·1 | 22·0 | 13·0 | 86 | 47 | 85 | 6·9 | 9·3 | 9·3 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 2·8 |
| Month | 64·56 | 63·34 | 64·31 | 19·2 | 6·2 | 9·3 | 18·0 | 11·4 | 87 | 57 | 80 | 7·6 | 8·7 | 8·0 | 3·5 | 5·6 | 1·9 | — | 3·9 | — | 12·8 | — | 1·0 | 18·6 | 2·58 |

**Remarks:**—1 ≋ 8^15.—4 ⌓ 8^30.—5 ≋ 7^40.—19 ≋ 7^40.—20 ≋ 8^25.—21 ≋ 8^10.—23 ≋ 7^40.—24 ≋ 8^10.—25 ≋ 8^15.—26 ≋ 8^20.—31 ≋ 8^h.

# GIZA.

$\varphi = 30° 1' 57''$ N. $\lambda = 31° 12' 53''$ E. H = 27·8 m. $h_t = 1·9$ m. $h_r = 0·9$ m.

$C_h = +2$ mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 65·8 | 62·8 | 62·3 | 19·1 | 3·5 | 8·6 | 18·6 | 15·7 | 99 | 51 | 82 | 8·2 | 8·2 | 10·9 | 3 | 10 | 8 | Calm | 0 | W | 8 | NW | 4 | 0·0 | 1·7 |
| 2 | 63·2 | 62·8 | 64·3 | 18·1 | 7·0 | 10·1 | 17·0 | 9·5 | 82 | 42 | 80 | 7·6 | 6·0 | 7·1 | 5 | 8 | 0 | WNW | 3 | NW | 13 | Calm | 0 | 0·0 | 1·4 |
| 3 | 65·8 | 64·7 | 65·8 | 16·9 | 2·2 | 6·7 | 16·2 | 8·6 | 90 | 46 | 89 | 6·6 | 6·3 | 7·4 | 0 | 0 | 0 | Calm | 0 | N | 3 | Calm | 0 | 0·0 | 1·0 |
| 4 | 66·3 | 64·1 | 64·5 | 18·8 | 3·5 | 6·1 | 18·1 | 9·2 | 91 | 40 | 91 | 6·4 | 6·1 | 7·8 | 3 | 3 | 0 | Calm | 0 | NNE | 8 | Calm | 0 | Drops | 1·4 |
| 5 | 65·8 | 63·3 | 63·9 | 18·1 | 2·6 | 5·1 | 17·8 | 13·1 | 100 | 49 | 77 | 6·6 | 7·3 | 8·6 | 10 | 2 | 0 | Calm | 0 | NNE | 8 | N | 1 | Drops | 1·3 |
| 6 | 61·2 | 60·5 | 60·4 | 19·1 | 5·0 | 11·4 | 18·5 | 14·1 | 86 | 57 | 87 | 8·6 | 9·0 | 10·4 | 10 | 10 | 0 | N | 10 | N | 10 | NNW | 2 | 0·0 | 0·2 |
| 7 | 61·2 | 59·8 | 61·1 | 17·4 | 9·0 | 13·1 | 16·7 | 9·1 | 82 | 54 | 81 | 9·1 | 7·6 | 7·0 | 8 | 8 | 0 | Calm | 0 | N | 23 | Calm | 0 | 0·0 | 1·6 |
| 8 | 62·3 | 61·5 | 62·6 | 17·0 | 3·9 | 8·2 | 15·7 | 10·1 | 88 | 51 | 87 | 7·1 | 6·7 | 8·0 | 2 | 9 | 2 | SE | 3 | NW | 3 | Calm | 0 | 0·0 | 0·2 |
| 9 | 63·8 | 62·2 | 62·6 | 18·1 | 4·0 | 7·6 | 17·6 | 10·3 | 91 | 74 | 74 | 7·1 | 11·1 | 6·9 | 0 | 0 | 0 | Calm | 0 | SW | 5 | Calm | 0 | 0·0 | 1·1 |
| 10 | 63·8 | 61·2 | 60·3 | 18·1 | 4·5 | 8·6 | 17·6 | 11·6 | 78 | 39 | 80 | 6·5 | 5·8 | 8·2 | 8 | 5 | 8 | Calm | 0 | Calm | 0 | Calm | 0 | Drops | 1·0 |
| 11 | 58·3 | 57·1 | 58·6 | 19·8 | 5·0 | 12·1 | 19·6 | 10·1 | 54 | 38 | 73 | 5·7 | 6·5 | 6·7 | 10 | 5 | 0 | SSE | 3 | SW | 5 | S | 1 | 0·0 | 2·2 |
| 12 | 60·2 | 58·6 | 59·8 | 20·4 | 6·4 | 8·7 | 20·1 | 11·4 | 76 | 39 | 79 | 6·4 | 6·7 | 8·0 | 0 | 0 | 0 | SSE | 3 | Calm | 0 | N | 2 | 0·0 | 1·0 |
| 13 | 62·0 | 61·4 | 62·4 | 19·6 | 4·0 | 9·1 | 19·1 | 10·1 | 86 | 50 | 86 | 7·3 | 8·1 | 7·9 | 0 | 3 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 1·1 |
| 14 | 63·9 | 62·6 | 63·7 | 20·0 | 7·7 | 10·1 | 18·9 | 13·1 | 78 | 52 | 80 | 7·1 | 8·5 | 8·9 | 3 | 2 | 0 | SSE | 5 | NNW | 3 | Calm | 0 | 0·0 | 0·6 |
| 15 | 63·9 | 61·7 | 61·9 | 18·1 | 6·0 | 7·5 | 17·2 | 12·1 | 99 | 50 | 75 | 7·6 | 7·3 | 7·9 | 10 | 8 | 0 | Calm | 0 | N | 5 | N | 2 | 0·0 | 0·2 |
| 16 | 61·1 | 59·2 | 60·3 | 18·0 | 4·5 | 8·6 | 17·1 | 10·0 | 92 | 46 | 78 | 7·7 | 6·7 | 7·1 | 5 | 5 | 3 | Calm | 0 | Calm | 0 | N | 2 | Drops | 1·4 |
| 17 | 60·4 | 59·5 | 61·6 | 18·6 | 5·9 | 10·1 | 17·0 | 13·6 | 73 | 43 | 81 | 6·7 | 6·2 | 9·4 | 10 | 9 | 10 | SE | 3 | NW | 10 | NE | 1 | Drops | 1·3 |
| 18 | 64·8 | 64·5 | 66·2 | 18·5 | 4·5 | 7·6 | 17·9 | 10·5 | 98 | 55 | 90 | 7·6 | 8·3 | 8·4 | 0 | 3 | 0 | Calm | 0 | Calm | 0 | N | 2 | 0·0 | 0·4 |
| 19 | 68·1 | 66·4 | 66·4 | 19·2 | 4·0 | 8·6 | 18·9 | 10·5 | 86 | 48 | 91 | 7·1 | 7·8 | 8·5 | 0 | 8 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 1·2 |
| 20 | 67·2 | 65·3 | 66·0 | 20·1 | 6·0 | 9·6 | 19·1 | 11·0 | 79 | 43 | 87 | 7·0 | 7·1 | 8·4 | 2 | 0 | 2 | SE | 5 | WNW | 5 | Calm | 0 | 0·0 | 0·6 |
| 21 | 66·7 | 64·8 | 65·4 | 19·6 | 5·9 | 9·1 | 19·1 | 12·6 | 100 | 46 | 70 | 8·6 | 7·5 | 7·6 | 10 | 0 | 0 | N | 3 | Calm | 0 | Calm | 0 | 0·0 | 1·1 |
| 22 | 64·9 | 62·6 | 62·9 | 19·3 | 3·0 | 6·6 | 17·3 | 11·1 | 99 | 60 | 86 | 7·2 | 8·8 | 8.5 | 0 | 8 | 0 | NNW | 3 | N | 8 | N | 2 | 0·0 | 1·2 |
| 23 | 62·6 | 61·3 | 61·9 | 19·4 | 5·0 | 8·1 | 18·2 | 11·1 | 96 | 60 | 86 | 7·7 | 9·3 | 8·5 | 8 | 8 | 0 | Calm | 0 | NW | 5 | Calm | 0 | 0·0 | 0·1 |
| 24 | 61·7 | 61·1 | 62·9 | 18·8 | 6·6 | 8·6 | 18·6 | 12·2 | 86 | 35 | 60 | 7·1 | 5·6 | 6·3 | 0 | 0 | 0 | S | 3 | WSW | 16 | W | 3 | 0·0 | 3·0 |
| 25 | 65·3 | 64·6 | 66·1 | 18·1 | 8·0 | 11·1 | 16·6 | 11·6 | 74 | 59 | 80 | 7·3 | 8·3 | 8·2 | 3 | 10 | 0 | S | 3 | NNW | 3 | Calm | 0 | 0·0 | 0·5 |
| 26 | 66·6 | 64·8 | 65·9 | 18·4 | 2·5 | 6·9 | 18·0 | 10·1 | 99 | 54 | 87 | 7·3 | 8·3 | 8·0 | 2 | 3 | 0 | Calm | 0 | NW | 8 | Calm | 0 | 0·0 | 0·3 |
| 27 | 65·3 | 62·5 | 62·5 | 19·3 | 2·9 | 5·9 | 19·1 | 11·7 | 100 | 42 | 79 | 7·0 | 6·8 | 8·1 | 0 | 0 | 0 | Calm | 0 | ENE | 3 | Calm | 0 | 0·0 | 0·1 |
| 28 | 63·0 | 62·0 | 63·1 | 20·1 | 2·5 | 8·1 | 19·6 | 10·1 | 99 | 27 | 79 | 8·0 | 4·6 | 7·3 | 0 | 0 | 0 | Calm | 0 | NW | 8 | Calm | 0 | 0·0 | 2·0 |
| 29 | 65·0 | 63·0 | 63·7 | 20·0 | 5·5 | 9·7 | 19·1 | 10·6 | 76 | 38 | 68 | 6·9 | 6·1 | 6·4 | 5 | 9 | 0 | SE | 3 | NW | 3 | Calm | 0 | 0·0 | 1·0 |
| 30 | 62·4 | 60·6 | 61·2 | 20·4 | 6·0 | 8·6 | 19·3 | 10·7 | 81 | 36 | 76 | 6·7 | 5·9 | 7·3 | 0 | 8 | 0 | Calm | 0 | S | 3 | N | 2 | 0·0 | 0·2 |
| 31 | 62·7 | 62·0 | 62·6 | 21·1 | 5·5 | 9·1 | 20·1 | 12·6 | 66 | 47 | 88 | 5·7 | 8·2 | 9·4 | 0 | 3 | 0 | SE | 3 | Calm | 0 | N | 1 | 0·0 | 1·4 |
| Month | 63·72 | 62·21 | 63·00 | 19·0 | 4·9 | 8·7 | 18·2 | 11·2 | 87 | 47 | 81 | 7·2 | 7·3 | 8·0 | 3·8 | 4·7 | 1·1 | — | 1·7 | — | 5·4 | — | 0·8 | Drops | 1·03 |

**Remarks**:—1 ≋ $7^{50}$.—10 ●° $17^{30}$.—11 ●° $7^{45}$.—17 ●° $8^{10}$, ● $15^{10}$, ⌒ $15^{40}$.—27 ⌓ *m*.—28 ≋ $7^{25}$.

$C_h = +2$ mm.

## February 1913.

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63·5 | 62·5 | 64·6 | 19·6 | — | 11·6 | 18·5 | 11·6 | 86 | 63 | 80 | 8·7 | 10·1 | 8·2 | 2 | 8 | 0 | Calm | 0 | NW | 20 | N | 1 | Drops | 0·6 |
| 2 | 65·9 | 64·7 | 65·7 | 17.1 | 6·4 | 10·9 | 16·6 | 10·5 | 82 | 56 | 74 | 7·9 | 7·8 | 7·0 | 8 | 8 | 0 | Calm | 0 | N | 8 | N | 2 | 0·0 | 0·2 |
| 3 | 66·3 | 64·3 | 64·0 | 18·1 | 1·0 | 6·1 | 17·6 | 13·1 | 91 | 43 | 54 | 6·4 | 6·4 | 6·1 | 3 | 0 | 0 | Calm | 0 | NE | 5 | NE | 2 | 0·0 | 2·0 |
| 4 | 63·8 | 60·9 | 61·0 | 15·1 | 1·0 | 4·9 | 14·1 | 9·3 | 98 | 56 | 96 | 6·3 | 6·7 | 8·4 | 10 | 8 | 8 | Calm | 0 | NW | 13 | Calm | 0 | Drops | 0·4 |
| 5 | 60·5 | 58·9 | 62·0 | 17·6 | 4·5 | 11·1 | 16·6 | 12·0 | 89 | 56 | 76 | 8·7 | 7·8 | 8·0 | 8 | 5 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | Drops | 0·4 |
| 6 | 65·3 | 64·8 | 66·6 | 19·6 | 4·5 | 8·1 | 19·1 | 12·6 | 99 | 30 | 59 | 8·0 | 4·9 | 6·4 | 0 | 0 | 0 | N | 3 | NE | 8 | N | 2 | 0·0 | 3·0 |
| 7 | 67·5 | 66·0 | 66·1 | 20·1 | 1·6 | 3·8 | 19·6 | 9·1 | 100 | 18 | 70 | 6·0 | 3·0 | 6·0 | 2 | 0 | 0 | WNW | 3 | NNW | 10 | N | 1 | 0·0 | 1·9 |
| 8 | 66·8 | 64·1 | 64·0 | 20·3 | 2·0 | 6·1 | 19·6 | 13·2 | 97 | 30 | 72 | 6·8 | 5·2 | 8·1 | 0 | 0 | 0 | N | 3 | N | 8 | N | 3 | 0·0 | 1·0 |
| 9 | 62·8 | 60·2 | 60·6 | 17·8 | 5·5 | 9·1 | 16·9 | 13·9 | 92 | 43 | 75 | 7·9 | 6·1 | 8·8 | 0 | 10 | 0 | NW | 3 | N | 8 | N | 3 | 0·0 | 1·7 |
| 10 | 60·1 | 58·6 | 59·2 | 18·5 | 7·7 | 10·1 | 18·1 | 11·1 | 95 | 53 | 86 | 8·7 | 8·2 | 8·5 | 9 | 6 | 3 | Calm | 0 | NNW | 8 | Calm | 0 | 0·0 | 1·0 |
| 11 | 59·7 | 58·6 | 58·8 | 19·6 | 4·1 | 8·5 | 19·1 | 12·9 | 96 | 49 | 80 | 7·9 | 8·0 | 8·8 | 0 | 3 | 3 | Calm | 0 | WSW | 5 | NW | 2 | 0·0 | 1·0 |
| 12 | 58·1 | 56·5 | 56·7 | 20·1 | 6·5 | 10·6 | 19·6 | 13·1 | 87 | 42 | 65 | 8·2 | 7·2 | 7·3 | 0 | 5 | 3 | Calm | 0 | SW | 5 | Calm | 0 | Drops | 2·8 |
| 13 | 54.8 | 52·5 | 52·2 | 20·1 | 7·5 | 11·0 | 17·1 | 11·2 | 63 | 53 | 98 | 6·2 | 7·7 | 9·7 | 10 | 10 | 10 | SE | 5 | SW | 3 | N | 1 | 4·5 | 0·1 |
| 14 | 51·9 | 52·2 | 54·0 | 16·1 | 8·7 | 10·3 | 15·7 | 10·1 | 90 | 36 | 59 | 8·4 | 4·8 | 5·4 | 0 | 0 | 0 | S | 3 | S | 26 | S | 4 | 0·0 | 3·0 |
| 15 | 57·6 | 57·8 | 59·2 | 17·1 | 3·5 | 6·6 | 16·1 | 11·1 | 62 | 41 | 57 | 4·5 | 5·5 | 5·6 | 0 | 3 | 3 | SSE | 5 | SW | 10 | Calm | 0 | 0·0 | 3·0 |
| 16 | 59·3 | 56·6 | 55·0 | 19·6 | 2·9 | 7·6 | 18·6 | 14·3 | 67 | 24 | 45 | 5·2 | 3·8 | 5·4 | 8 | 0 | 9 | SSE | 5 | SSW | 16 | W | 1 | 0·0 | 5·1 |
| 17 | 57·6 | 56·9 | 58·9 | 15·8 | 5·8 | 7·6 | 15·0 | 14·1 | 56 | 40 | 41 | 4·3 | 5·1 | 4·9 | 0 | 10 | 10 | S | 8 | SSW | 16 | SSW | 3 | 0·0 | 3·4 |
| 18 | 61·7 | 60·4 | 61·0 | 18·6 | 6·5 | 8·6 | 17·6 | 12·6 | 65 | 43 | 82 | 5·4 | 6·4 | 8·8 | 3 | 5 | 8 | SE | 5 | SSW | 3 | Calm | 0 | 0·5 | 1·6 |
| 19 | 62·3 | 61·4 | 61·8 | 18·4 | 4·7 | 9·1 | 17·6 | 10·1 | 86 | 43 | 86 | 7·3 | 6·4 | 7·9 | 8 | 5 | 0 | SE | 3 | NW | 8 | Calm | 0 | 0·0 | 1·3 |
| 20 | 62·6 | 60·6 | 61·6 | 23·3 | 5·6 | 10·6 | 23·0 | 13·0 | 61 | 20 | 65 | 5·8 | 4·2 | 7·2 | 8 | 8 | 0 | SSE | 8 | S | 16 | S | 2 | 0·0 | 4·0 |
| 21 | 63·9 | 62·4 | 62·5 | 24·2 | 5·0 | 10·6 | 23·6 | 12·6 | 87 | 28 | 70 | 8·2 | 6·1 | 7·6 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 2·0 |
| 22 | 62·1 | 60·1 | 59·2 | 27·6 | 6·9 | 14·6 | 27·1 | 21·4 | 51 | 19 | 22 | 6·3 | 5·0 | 4·3 | 2 | 3 | 2 | SSW | 3 | S | 3 | Calm | 0 | 0·0 | 3·6 |
| 23 | 57·6 | 64·4 | 62·4 | 29·1 | 6·3 | 14·2 | 29·0 | 21·3 | 47 | 15 | 35 | 5·7 | 4·5 | 6·5 | 0 | 10 | 0 | S | 3 | S | 20 | S | 4 | 0·0 | 8·0 |
| 24 | 56·3 | 55·9 | 57·3 | 23·7 | 10·0 | 14·1 | 23·1 | 16·1 | 46 | 18 | 55 | 5·5 | 3·7 | 7·3 | 0 | 0 | 0 | SW | 5 | SW | 13 | SSW | 3 | 0·0 | 7·2 |
| 25 | 60·3 | 60·2 | 61·6 | 20·6 | 9·0 | 13·6 | 19·1 | 14·6 | 75 | 46 | 72 | 8·7 | 7·5 | 8·9 | 0 | 8 | 0 | Calm | 0 | WSW | 5 | N | 1 | 0·0 | 2·3 |
| 26 | 63·4 | 62·0 | 63·0 | 19·1 | 8·5 | 12·1 | 18·6 | 14·1 | 88 | 53 | 77 | 9·1 | 8·4 | 9·2 | 5 | 5 | 0 | N | 3 | NW | 3 | N | 1 | 0·0 | 1·3 |
| 27 | 64·1 | 62·6 | 63·2 | 18·6 | 4·0 | 8·1 | 18·1 | 11·6 | 92 | 44 | 87 | 7·4 | 6·8 | 8·8 | 0 | 5 | 0 | Calm | 0 | NW | 3 | Calm | 0 | 0·0 | 1·5 |
| 28 | 63·5 | 61·6 | 62·4 | 18·9 | 4·0 | 10·0 | 18·3 | 11·6 | 87 | 48 | 80 | 8·0 | 7·4 | 8·2 | 0 | 2 | 0 | Calm | 0 | N | 10 | Calm | 0 | 0·0 | 2·0 |
| Month | 61·40 | 60·28 | 60·81 | 19·8 | 5·3 | 9·6 | 19·0 | 12·9 | 80 | 40 | 68 | 7·1 | 6·2 | 7·4 | 3·1 | 4·5 | 2·1 | — | 2·4 | — | 9·0 | — | 1·3 | 5·0 | 2·34 |

**Remarks**:—1 ●° $15^{15}$.—4 ●° $17^{20}$.—5 ●° $12^{30}$.—7 ⌓ $8^{h}$.—12 ●° $16^{30}$.—13 ●° $8^{30}$, $14^{h}$, ● $15^{50}$ *n*.—19 ●° $8^{30}$.

# GIZA.

$\varphi = 30° 1' 57''$ N. $\lambda = 31° 12' 53''$ E. $H = 27·8$ m. $h_t = 1·9$ m. $h_r = 0·9$ m.

$C_h = +2$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 62·6 | 59·6 | 58·1 | 23·8 | 3·5 | 8·2 | 23·6 | 18·6 | 94 | 22 | 27 | 7·7 | 4·7 | 4·3 | 0 | 0 | 0 | Calm | 0 | NE | 8 | NE | 5 | 0·0 | 5·0 |
| 2 | 56·6 | 54·7 | 55·3 | 28·0 | 4·0 | 12·6 | 27·6 | 17·6 | 48 | 18 | 43 | 5·2 | 5·0 | 6·4 | 0 | 0 | 0 | SSE | 3 | SW | 8 | SE | 2 | 0·0 | 7·0 |
| 3 | 56·1 | 53·8 | 55·7 | 21·2 | 6·5 | 14·1 | 20·1 | 12·5 | 70 | 25 | 62 | 8·4 | 4·4 | 6·7 | 0 | 6 | 6 | SE | 3 | WSW | 23 | WSW | 6 | 0·0 | 7·4 |
| 4 | 6 ·0 | 59·1 | 61·2 | 14·3 | 4·4 | 8·0 | 13·1 | 9·1 | 63 | 53 | 84 | 5·1 | 6·0 | 7·2 | 3 | 10 | 3 | S | 13 | W | 20 | W | 4 | Drops | 2·2 |
| 5 | 63·2 | 62·1 | 62·7 | 16·1 | 5·0 | 8·6 | 15·6 | 12·6 | 71 | 44 | 76 | 6·0 | 5·8 | 8·2 | 8 | 10 | 10 | Calm | 0 | SW | 5 | N | 1 | Drops | 1·8 |
| 6 | 63·0 | 61·7 | 62·7 | 15·9 | 8·3 | 11·1 | 14·7 | 9·6 | 89 | 68 | 92 | 8·7 | 8·4 | 8·2 | 10 | 10 | 2 | NNW | 3 | NNW | 10 | N | 1 | 0·0 | 1·2 |
| 7 | 65·3 | 65·0 | 65·9 | 17·7 | 7·5 | 10·5 | 16·2 | 12·6 | 88 | 54 | 62 | 8·3 | 7·3 | 6·8 | 3 | 8 | 0 | N | 8 | N | 13 | N | 5 | 0·0 | 2·2 |
| 8 | 66·3 | 64·3 | 64·3 | 19·6 | 4·0 | 10·6 | 19·1 | 13·6 | 73 | 38 | 60 | 7·0 | 6·1 | 7·0 | 5 | 2 | 0 | Calm | 0 | NE | 5 | N | 1 | 0·0 | 2·9 |
| 9 | 63·8 | 62·1 | 62·7 | 19·3 | 3·4 | 9·6 | 19·1 | 12·1 | 79 | 41 | 72 | 7·0 | 6·7 | 7·5 | 0 | 2 | 0 | N | 3 | NNW | 10 | N | 2 | 0·0 | 2·2 |
| 10 | 63·2 | 62·0 | 62·0 | 19·1 | 5.0 | 10·6 | 18·6 | 12·0 | 92 | 42 | 71 | 8·7 | 6·7 | 7·4 | 3 | 3 | 0 | Calm | 0 | N | 10 | Calm | 0 | 0·0 | 2·0 |
| 11 | 62·9 | 62·2 | 62·0 | 19·6 | 4·5 | 10·1 | 19·1 | 14·1 | 86 | 38 | 72 | 7·9 | 6·1 | 8·5 | 3 | 5 | 5 | NW | 3 | NNW | 5 | N | 1 | 0·0 | 1·7 |
| 12 | 62·1 | 61·0 | 62·3 | 19·7 | 6·2 | 11·1 | 18·4 | 13·1 | 86 | 55 | 77 | 8·5 | 8·7 | 8·6 | 0 | 8 | 10 | NNW | 3 | NNW | 16 | N | 1 | 0·4 | 2·0 |
| 13 | 63·3 | 63·2 | 64·1 | 19·6 | 7·4 | 11·6 | 18·8 | 11·2 | 75 | 40 | 79 | 7·6 | 6·5 | 7·8 | 3 | 3 | 0 | WSW | 3 | N | 5 | N | 3 | 0·0 | 2·0 |
| 14 | 65·3 | 64·5 | 66·2 | 18·6 | 7·5 | 12·1 | 18·1 | 10·1 | 75 | 44 | 67 | 7·9 | 6·8 | 6·2 | 3 | 3 | 0 | Calm | 0 | NNW | 8 | NW | 1 | 0·0 | 3·1 |
| 15 | 66·8 | 65·4 | 65 8 | 18·1 | 1·0 | 7·7 | 17·6 | 13·3 | 82 | 34 | 60 | 6·4 | 5·1 | 6·8 | 0 | 0 | 0 | NNW | 3 | NNW | 10 | N | 2 | 0·0 | 3·0 |
| 16 | 66·5 | 65·6 | 65·7 | 19·6 | 2·5 | 8·6 | 19·3 | 13·5 | 91 | 33 | 58 | 7·5 | 5·5 | 6·7 | 0 | 0 | 0 | Calm | 0 | N | 10 | N | 5 | 0·0 | 3·2 |
| 17 | 64·7 | 61·9 | 61·1 | 20·6 | 2·5 | 11·6 | 20·1 | 13·6 | 69 | 28 | 60 | 7·0 | 4·9 | 7·0 | 3 | 0 | 0 | NNE | 5 | N | 18 | N | 4 | 0·0 | 4·8 |
| 18 | 57·2 | 55·4 | 57·7 | 21·2 | 3·9 | 9·2 | 20·8 | 12·6 | 93 | 37 | 80 | 8·1 | 6·8 | 8·6 | 0 | 0 | 0 | NNW | 5 | NW | 10 | N | 1 | 0·0 | 2·9 |
| 19 | 61·8 | 61·8 | 62·9 | 20·2 | 6·0 | 12·1 | 20·0 | 13·1 | 88 | 33 | 65 | 9·1 | 5·7 | 7·3 | 0 | 0 | 0 | N | 3 | N | 10 | N | 3 | 0·0 | 2·3 |
| 20 | 64·9 | 64·0 | 64·8 | 20·6 | 4·5 | 11·6 | 20·1 | 16·1 | 75 | 40 | 55 | 7·6 | 6·8 | 7·3 | 0 | 0 | 0 | NE | 8 | N | 14 | N | 2 | 0·0 | 3·2 |
| 21 | 65·6 | 63·7 | 64·0 | 21·8 | 5·5 | 10·8 | 21·0 | 15·3 | 90 | 46 | 71 | 8·7 | 8·5 | 9·2 | 2 | 2 | 0 | Calm | 0 | N | 3 | N | 2 | 0·0 | 2·9 |
| 22 | 64·3 | 62·4 | 62·0 | 22·4 | 9·5 | 12·3 | 22·3 | 16·6 | 100 | 32 | 40 | 10·7 | 6·3 | 5·5 | 10 | 0 | 0 | N | 3 | N | 10 | N | 3 | 0·0 | 3·4 |
| 23 | 61·8 | 59·4 | 59·6 | 25·1 | 6·5 | 13·1 | 24·6 | 17·6 | 88 | 27 | 65 | 9·8 | 6·1 | 9·7 | 8 | 0 | 0 | N | 7 | NE | 10 | NE | 6 | 0·0 | 5·0 |
| 24 | 60·4 | 59·3 | 59·4 | 26·9 | 9·3 | 13·1 | 26·1 | 19·6 | 88 | 31 | 52 | 9·8 | 7·7 | 8·8 | 0 | 0 | 0 | NNW | 2 | NNE | 7 | NE | 2 | 0·0 | 4·2 |
| 25 | 60·9 | 58·8 | 59·2 | 29 0 | 7·5 | 13·5 | 27·9 | 19·8 | 88 | 31 | 48 | 10·1 | 8·5 | 8·2 | 0 | 0 | 0 | N | 9 | N | 10 | N | 4 | 0·0 | 4·3 |
| 26 | 59·7 | 57·5 | 58·0 | 29·5 | 8·0 | 13·1 | 28·5 | 19·1 | 88 | 37 | 58 | 9·8 | 10·5 | 9·5 | 0 | 0 | 0 | N | 9 | NW | 14 | N | 1 | 0·0 | 4·0 |
| 27 | 58·1 | 56·5 | 57·2 | 28·5 | 8·8 | 14·1 | 28·1 | 16·8 | 88 | 28 | 70 | 10·5 | 7·8 | 10·0 | 0 | 2 | 0 | N | 3 | NE | 16 | N | 1 | 0·0 | 4·0 |
| 28 | 59·0 | 57·8 | 58·2 | 28·0 | 11·1 | 16·1 | 26·6 | 19·6 | 88 | 46 | 77 | 12·0 | 11·9 | 13·0 | 0 | 0 | 0 | N | 9 | NNW | 5 | N | 2 | 0·0 | 3·0 |
| 29 | 58·8 | 56·9 | 56·8 | 30·0 | 13·0 | 17·6 | 29·1 | 22·6 | 74 | 26 | 43 | 11·1 | 7·8 | 8·8 | 8 | 8 | 5 | Calm | 0 | SW | 16 | Calm | 0 | Drops | 4·3 |
| 30 | 56·9 | 54·7 | 56·1 | 25·8 | 14·4 | 16·6 | 25·1 | 16·0 | 83 | 35 | 80 | 11·7 | 8·3 | 10·8 | 10 | 0 | 0 | NNW | 7 | NW | 10 | N | 1 | 0·0 | 3·2 |
| 31 | 57·3 | 56·4 | 57·3 | 24·0 | 13·5 | 17·0 | 23·6 | 16·5 | 85 | 42 | 79 | 12·2 | 9·2 | 11 1 | 10 | 3 | 0 | N | 10 | NW | 12 | N | 1 | Drops | 2·1 |
| Month | 61·88 | 60·41 | 61·00 | 22·1 | 6·6 | 11·8 | 21·4 | 14·9 | 82 | 38 | 65 | 8·6 | 7·0 | 8·0 | 3·0 | 2·7 | 1·3 | — | 4·0 | — | 10·4 | — | 2·4 | 0·4 | 3·31 |

**Remarks:**—1 ≋.—3 ∞.—7 ≋.—9 ≋.—12 ●° $15^{30}$, $15^{50}$, $19^{55}$.—14 ∞ $14^{h}$.—27 ∞.—29 ●° $17^{30}$.—31 ●° *p*.

$C_h = +2$ mm.

## April 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·0 | 57·3 | 57·8 | 23·2 | 11·0 | 16·1 | 22·6 | 16·6 | 78 | 43 | 69 | 10 6 | 8·8 | 9·7 | 8 | 3 | — | NNW | 3 | E | 7 | — | — | 0·0 | 2·2 |
| 2 | 58·3 | 56·8 | 55·7 | 26·5 | 7·3 | 14·6 | 24·1 | 19·4 | 83 | 33 | 51 | 10·2 | 7·4 | 8·6 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·9 |
| 3 | 55·5 | 55·1 | 57·2 | 26·7 | 11·7 | 18·0 | 26·1 | 18·5 | 71 | 38 | 70 | 10·9 | 9·3 | 11·0 | 0 | 0 | 0 | Calm | 0 | NNW | 10 | NNW | 5 | 0·0 | 3·2 |
| 4 | 60·1 | 59·4 | 60·4 | 22·6 | 9·0 | 16·1 | 22·1 | 15·6 | 78 | 65 | 73 | 10·6 | 12·8 | 9·6 | 2 | 2 | 0 | Calm | 0 | NW | 9 | NW | 2 | 0·0 | 3·4 |
| 5 | 61·2 | 60·3 | 60·5 | 22·6 | 7·9 | 14·8 | 22·0 | 14·7 | 81 | 43 | 71 | 10·1 | 8·4 | 8·8 | 8 | 2 | 0 | Calm | 0 | NNW | 10 | Calm | 0 | 0·0 | 3·0 |
| 6 | 60·6 | 59·2 | 57·9 | 24·2 | 6·5 | 13·6 | 23·1 | 16·6 | 82 | 32 | 64 | 9·5 | 6·7 | 9·0 | 0 | 3 | 0 | Calm | 0 | N | 3 | N | 3 | 0·0 | 2·2 |
| 7 | 56·2 | 53·7 | 51·6 | 33·1 | 8·5 | 18·1 | 31·6 | 20·1 | 57 | 40 | 55 | 8·7 | 13·7 | 9·6 | 0 | 0 | 0 | Calm | 0 | SE | 5 | Calm | 0 | 0·0 | 7·0 |
| 8 | 53·7 | 53·9 | 56·3 | 29·0 | 16·5 | 22·1 | 28·6 | 18 8 | 33 | 34 | 73 | 6·4 | 10·0 | 11·8 | 8 | 2 | 0 | Calm | 0 | NNW | 12 | N | 1 | 0·0 | 4·2 |
| 9 | 59·5 | 58·8 | 59·7 | 23·7 | 12·7 | 15·8 | 23·1 | 17·4 | 79 | 44 | 67 | 10·5 | 9·2 | 9·8 | 10 | 0 | 0 | N | 5 | N | 7 | N | 3 | 0·0 | 2·4 |
| 10 | 61·0 | 58·8 | 58·1 | 25·7 | 8·0 | 15·1 | 25·1 | 17·1 | 77 | 28 | 69 | 9·9 | 6·5 | 10·0 | 0 | 0 | 0 | NNE | 3 | N | 9 | Calm | 0 | 0·0 | 3·5 |
| 11 | 56·1 | 53·3 | 53·5 | 33·4 | 9·5 | 18·1 | 32·8 | 21·6 | 52 | 13 | 50 | 8·1 | 4·9 | 9·5 | 0 | 3 | 0 | S | 5 | SSW | 9 | Calm | 0 | 0·0 | 8·6 |
| 12 | 52·8 | 51·2 | 54·6 | 30·1 | 11·4 | 18·7 | 28·1 | 19·1 | 71 | 28 | 71 | 11·5 | 8·0 | 11·6 | 8 | 10 | 10 | NNW | 3 | S | 16 | S | 6 | 0·0 | 6·0 |
| 13 | 57·8 | 58·0 | 58·5 | 26·7 | 10·0 | 17·1 | 25·6 | 19·6 | 79 | 57 | 54 | 11·4 | 13·9 | 9·2 | 5 | 3 | 0 | NE | 12 | NNE | 7 | N | 1 | 0·0 | 3·2 |
| 14 | 59·5 | 57·9 | 57·8 | 31·5 | 11·5 | 19·0 | 30·6 | 23·7 | 65 | 14 | 34 | 10·7 | 4·6 | 7·5 | 5 | 0 | 0 | NNE | 5 | NE | 10 | N | 1 | 0·0 | 6·4 |
| 15 | 57·3 | 54·5 | 53·9 | 37·8 | 11·2 | 18·9 | 36·3 | 25·6 | 65 | 19 | 44 | 10·6 | 8·9 | 10·7 | 0 | 0 | 10 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 6·0 |
| 16 | 55·9 | 56·1 | 56·5 | 30·0 | 17·0 | 21·1 | 28·1 | 21·6 | 73 | 60 | 77 | 13·5 | 16·8 | 14·7 | 10 | 10 | 7 | Calm | 0 | N | 5 | N | 3 | 0·0 | 2·4 |
| 17 | 57·8 | 56·9 | 58·7 | 27·0 | 15·0 | 18·0 | 26·5 | 19·6 | 85 | 50 | 57 | 13·1 | 12·9 | 9·8 | 10 | 10 | 8 | NNW | 12 | N | 16 | N | 1 | 0·0 | 5·2 |
| 18 | 59·7 | 58·6 | 58·8 | 23·7 | 14·3 | 17·0 | 22·2 | 19·6 | 85 | 61 | 58 | 12·2 | 12·0 | 9·9 | 10 | 8 | 10 | N | 9 | NNE | 12 | NNE | 6 | 0·0 | 4·0 |
| 19 | 56·8 | 54·8 | 53·9 | 27·6 | 14·5 | 17·6 | 27·1 | 21·6 | 74 | 34 | 38 | 11·1 | 9·0 | 7·3 | 10 | 8 | 10 | N | 7 | N | 16 | N | 8 | 0·0 | 7·0 |
| 20 | 52·1 | 53·6 | 53·5 | 27·2 | 17·0 | 19·6 | 22·1 | 26·2 | 67 | 76 | 41 | 11·3 | 15·1 | 10·3 | 10 | 10 | 10 | NW | 7 | Calm | 0 | WSW | 6 | Drops | 4·2 |
| 21 | 56·3 | 57·0 | 58·5 | 26·6 | 16·9 | 19·2 | 25·6 | 18·1 | 78 | 40 | 71 | 12·9 | 9·6 | 10·9 | 8 | 0 | 0 | NW | 10 | WNW | 10 | N | 2 | 0·0 | 3·2 |
| 22 | 59·9 | 59·0 | 59·1 | 25·2 | 9·0 | 17·6 | 24·6 | 18·1 | 74 | 36 | 61 | 11·1 | 8·3 | 9·[illegible] | 0 | 3 | 0 | NW | 7 | NW | 10 | NW | 4 | 0·0 | 3·5 |
| 23 | 60·2 | 59·2 | 59·7 | 23·8 | 11·0 | 17·1 | 23·4 | 15·9 | 78 | 44 | 63 | 11·3 | 9·5 | 8·5 | 2 | 8 | 0 | NNW | 12 | NW | 20 | N | 2 | 0·0 | 3·4 |
| 24 | 60·9 | 59·4 | 58·7 | 24·7 | 10·4 | 17·0 | 23·1 | 18·8 | 70 | 44 | 65 | 10·1 | 9·2 | 10·5 | 8 | 0 | 0 | N | 7 | NNW | 7 | N | 3 | 0·0 | 3·0 |
| 25 | 59·4 | 57·0 | 57·7 | 26·7 | 10·9 | 16·6 | 25·6 | 21·6 | 81 | 44 | 45 | 11·4 | 10·7 | 8·7 | 10 | 5 | 3 | NNE | 3 | NNW | 9 | NW | 8 | 0·0 | 4·2 |
| 26 | 58·7 | 57·4 | 57·6 | 27·5 | 9·0 | 17·6 | 26·6 | 21·6 | 74 | 30 | 47 | 11·1 | 7·8 | 9·0 | 0 | 0 | 0 | NNW | 7 | NE | 7 | N | 2 | 0·0 | 5·2 |
| 27 | 59·6 | 58·1 | 58·3 | 29·0 | 9·1 | 18·0 | 29·0 | 21·3 | 74 | 23 | 47 | 11·3 | 6·8 | 8·9 | 0 | 0 | 0 | N | 10 | N | 7 | N | 2 | 0·0 | 6·0 |
| 28 | 59·0 | 56·9 | 57·2 | 32·5 | 10·0 | 18·6 | 32·1 | 24·6 | 66 | 12 | 24 | 10·5 | 4·4 | 5·5 | 0 | 0 | 0 | NE | 3 | NNE | 10 | NE | 9 | 0·0 | 10·5 |
| 29 | 55·8 | 54·3 | 53·9 | 32·3 | 10·5 | 20·1 | 31·6 | 22·1 | — | 30 | 48 | — | 10·3 | 9·5 | 9 | 9 | 5 | NNW | 10 | NNE | 14 | N | 1 | 0·0 | 7·4 |
| 30 | 53·8 | 52 0 | 53·8 | 32·4 | 12·9 | 19·8 | 31·8 | 21·0 | 70 | 31 | 67 | 11·9 | 11·0 | 12·3 | 0 | 0 | 0 | N | 12 | Calm | 0 | N | 6 | 0·0 | 5·0 |
| Month | 57·78 | 56·62 | 56·98 | 27·8 | 11·3 | 17·7 | 26·7 | 19·9 | 72 | 38 | 57 | 10·8 | 9·6 | 9·7 | 4·7 | 3·3 | 2·5 | — | 5·1 | — | 8·6 | — | 2·9 | Drops | 4·65 |

**Remarks:**—11 ∞.—12 ☳ $19^{40}$.—20 ●° $10^{h}$, $12^{30}$–$19^{35}$.—25 ∞ $20^{h}$.—28 ∞ $14^{h}$, $20^{h}$.—29 ∞.

# GIZA.

$\varphi = 30° 1' 57''$ N. $\lambda = 31° 12' 53''$ E. H = 27·8 m. $h_t$ = 1·9 m. $h_r$ = 0·9 m.

$C_b$ = + 2 mm.

## May 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | 8 h. Vel. | 14 h. Direct. | 14 h. Vel. | 20 h. Direct. | 20 h. Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55·6 | 55·2 | 55·5 | 28·0 | 11·5 | 18·6 | 27·6 | 20·6 | 75 | 59 | 59 | 11·9 | 16·2 | 10·7 | 0 | 3 | 0 | Calm | 0 | NW | 9 | NE | 4 | 0·0 | 4·5 |
| 2 | 57·3 | 56·8 | 57·2 | 27·4 | 12·2 | 18·5 | 26·6 | 20·6 | 81 | 30 | 51 | 12·0 | 7·8 | 9·3 | 5 | 3 | 0 | N | 3 | SE | 5 | Calm | 0 | 0·0 | 5·0 |
| 3 | 58·0 | 57·1 | 57·6 | 30·5 | 11·5 | 20·6 | 29·6 | 23·6 | 68 | 55 | 55 | 12·2 | 16·8 | 11·9 | 0 | 5 | 0 | N | 9 | NW | 10 | N | 5 | 0·0 | 6·0 |
| 4 | 57·6 | 56·1 | 56·2 | 29·7 | 14·0 | 19·6 | 29·4 | 23·1 | 58 | 28 | 44 | 9·9 | 8·7 | 9·2 | 8 | 8 | 6 | N | 3 | NE | 7 | NNE | 3 | 0·0 | 6·0 |
| 5 | 56·9 | 55·5 | 55·0 | 29·8 | 12·1 | 20·6 | 29·1 | 24·6 | 61 | 18 | 29 | 11·0 | 5·4 | 6·6 | 0 | 0 | 3 | NNE | 7 | NNW | 10 | NE | 1 | 0·0 | 6·8 |
| 6 | 54·4 | 52·7 | 51·9 | 35·3 | 14·2 | 25·5 | 34·6 | 23·9 | 27 | 14 | 33 | 5·4 | 6·0 | 7·3 | 0 | 7 | 2 | SE | 3 | SE | 1 | Calm | 0 | 0·0 | 10·0 |
| 7 | 53·7 | 55·4 | 56·4 | 29·5 | 16·0 | 23·6 | 28·6 | 22·1 | 55 | 36 | 43 | 11·9 | 10·5 | 8·4 | 8 | 0 | 0 | NW | 7 | NW | 9 | N | 3 | 0·0 | 6·2 |
| 8 | 57·3 | 56·0 | 56·4 | 30·0 | 11·5 | 21·1 | 29·6 | 20·1 | 34 | 12 | 47 | 6·2 | 3·8 | 8·2 | 0 | 0 | 0 | Calm | 0 | SW | 10 | SW | 3 | 0·0 | 8·0 |
| 9 | 58·2 | 57·7 | 57·6 | 25·2 | 10·5 | 18·3 | 24·1 | 19·6 | 68 | 34 | 58 | 10·7 | 7·9 | 9·9 | 2 | 5 | 0 | N | 3 | N | 9 | Calm | 0 | 0·0 | 3·4 |
| 10 | 56·7 | 55·1 | 54·8 | 28·0 | 11·6 | 20·6 | 27·5 | 22·9 | 58 | 30 | 51 | 10·6 | 8·0 | 10·5 | 4 | 10 | 2 | E | 1 | NNW | 3 | Calm | 0 | 0·0 | 4·3 |
| 11 | 53·3 | 51·3 | 50·0 | 85·4 | 13·2 | 23·4 | 34·8 | 29·0 | 48 | 13 | 24 | 10·2 | 5·5 | 7·1 | 2 | 6 | 3 | Calm | 0 | SW | 7 | Calm | 0 | 0·0 | 10·2 |
| 12 | 54·8 | 55·0 | 56·3 | 29·7 | 18·0 | 22·1 | 29·4 | 22·4 | 54 | 33 | 56 | 10·7 | 10·0 | 11·4 | 1 | 1 | 0 | SSW | 10 | SW | 12 | W | 2 | 0·0 | 7·6 |
| 13 | 58·8 | 57·4 | 58·7 | 28·8 | 15·0 | 20·6 | 27·6 | 21·3 | 70 | 40 | 63 | 12·7 | 11·1 | 11·8 | 10 | 0 | 0 | NNW | 1 | WNW | 10 | NW | 1 | 0·0 | 4·2 |
| 14 | 58·5 | 56·9 | 57·4 | 29·0 | 12·1 | 20·1 | 28·2 | 21·6 | 75 | 33 | 60 | 13·1 | 9·4 | 11·5 | 1 | 1 | 0 | NNW | 5 | NW | 9 | NNE | 2 | 0·0 | 4·8 |
| 15 | 57·3 | 55·6 | 56·2 | 26·2 | 12·5 | 18·6 | 25·5 | 18·7 | 64 | 38 | 70 | 10·2 | 9·1 | 11·3 | 2 | 2 | 0 | NNW | 5 | NE | 7 | N | 1 | 0·0 | 4·0 |
| 16 | 54·7 | 55·3 | 55·2 | 34·7 | 13·6 | 19·1 | 16·6 | 16·5 | 67 | 81 | 84 | 11·1 | 11·4 | 11·8 | 9 | 10 | 8 | NW | 9 | NNW | 14 | N | 1 | 2·6 | 2·0 |
| 17 | 57·7 | 56·7 | 57·2 | 26·2 | 13·0 | 18·6 | 25·6 | 21·6 | 84 | 44 | 61 | 13·4 | 10·7 | 11·6 | 2 | 5 | 0 | N | 7 | NNE | 5 | N | 4 | 0·0 | 4·0 |
| 18 | 59·0 | 57·3 | 57·1 | 29·0 | 14·5 | 19·6 | 28·1 | 23·6 | 76 | 44 | 52 | 12·8 | 12·4 | 11·2 | 8 | 2 | 2 | N | 7 | N | 5 | N | 2 | 0·0 | 4·0 |
| 19 | 58 6 | 57·5 | 57·2 | 32·0 | 12·5 | 20·1 | 31·6 | 23·6 | 72 | 20 | 48 | 12·5 | 7·0 | 10·4 | 0 | 0 | 0 | N | 9 | SSW | 7 | Calm | 0 | 0·0 | 5·1 |
| 20 | 56·2 | 55·2 | 55·8 | 34·1 | 16·0 | 26·6 | 33·1 | 24·1 | 42 | 25 | 52 | 10·9 | 9·3 | 11·6 | 0 | 0 | 2 | S | 9 | NW | 5 | Calm | 0 | 0·0 | 8·0 |
| 21 | 57·7 | 56·2 | 55·9 | 32·5 | 15·5 | 22·6 | 32·1 | 27·1 | 69 | 28 | 40 | 14·1 | 10·0 | 10·6 | 2 | 0 | 0 | NNE | 9 | NNE | 10 | N | 3 | 0·0 | 7·0 |
| 22 | 56·1 | 54·6 | 52·6 | 35·1 | 15·0 | 24·1 | 34·6 | 27·1 | 56 | 15 | 37 | 12·4 | 6·3 | 9·8 | 8 | 10 | 5 | Calm | 0 | NNE | 7 | Calm | 0 | 0·0 | 7·1 |
| 23 | 52·6 | 53·3 | 54·7 | 31·5 | 17·0 | 25·6 | 30·1 | 24·6 | 44 | 30 | 60 | 10·7 | 9·5 | 13·7 | 8 | 10 | 10 | W | 3 | W | 9 | W | 4 | Drops | 5·5 |
| 24 | 56·7 | 55·4 | 55·8 | 30·0 | 15·7 | 21·1 | 29·6 | 24·4 | 75 | 32 | 48 | 13·9 | 9·8 | 10·8 | 6 | 2 | 0 | NE | 3 | NNW | 7 | N | 3 | 0·0 | 4·8 |
| 25 | 56·5 | 56·2 | 57·4 | 28·7 | 15·4 | 22·5 | 28·1 | 22·6 | 65 | 35 | 54 | 13·1 | 10·0 | 11·0 | 1 | 5 | 2 | NNE | 10 | NNW | 7 | NE | 2 | 0·0 | 5·2 |
| 26 | 59·9 | 59·0 | 59·2 | 26·7 | 13·5 | 21·1 | 25·6 | 21·3 | 63 | 40 | 53 | 11·6 | 9·5 | 9·9 | 0 | 3 | 3 | WNW | 5 | NW | 10 | NE | 2 | 0·0 | 4·3 |
| 27 | 60·2 | 58·7 | 59·5 | 27·6 | 14·0 | 20·1 | 27·1 | 20·6 | 72 | 37 | 59 | 12·5 | 9·8 | 10·7 | 2 | 6 | 1 | NW | 5 | NNW | 7 | N | 2 | 0·0 | 4·0 |
| 28 | 61·0 | 59·6 | 59·8 | 26·7 | 13·5 | 20·1 | 26·1 | 20·2 | 63 | 30 | 54 | 11·0 | 7·4 | 9·5 | 2 | 2 | 0 | NW | 10 | W | 7 | W | 3 | 0·0 | 4·3 |
| 29 | 61·2 | 59·3 | 59·4 | 27·2 | 13·0 | 19·6 | 26·6 | 22·1 | 71 | 36 | 50 | 12·0 | 9·3 | 9·8 | 2 | 0 | 0 | N | 5 | N | 7 | N | 4 | 0·0 | 5·0 |
| 30 | 59·6 | 58·1 | 58·6 | 27·5 | 12·5 | 20·4 | 26·6 | 21·3 | 69 | 33 | 56 | 12·3 | 8·4 | 10·4 | 2 | 0 | 0 | NNW | 7 | NW | 16 | NNE | 2 | 0·0 | 5·0 |
| 31 | 59·1 | 57·4 | 58·0 | 28·0 | 12·0 | 20·6 | 27·6 | 22·1 | 64 | 26 | 43 | 11·5 | 7·2 | 8·4 | 2 | 0 | 0 | NE | 5 | NNW | 10 | NW | 4 | 0·0 | 5·3 |
| Month | 57·26 | 56·25 | 56·47 | 29·4 | 13·6 | 21·1 | 28·4 | 22·5 | 63 | 33 | 51 | 11·5 | 9·2 | 10·2 | 3·1 | 3·4 | 1·6 | — | 5·2 | — | 7·9 | — | 2·0 | 2·6 | 5·54 |

**Remarks:**—4 ∞ W $20^h$.—8 ∞ $14^h$.—16 ●° $9^{05}$, $10^h$, $11^h$, $19^{40}$, ▲ ☈ W $12^{15}$, ⌒ $16^{20}$, T $16^{35}$, $16^{43}$, < SE $19^{30}$.

$C_b$ = + 2 mm.

## June 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | 8 h. Vel. | 14 h. Direct. | 14 h. Vel. | 20 h. Direct. | 20 h. Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·0 | 56·5 | 57·3 | 29·0 | 13·0 | 20·1 | 28·1 | 23·1 | 67 | 33 | 44 | 11·8 | 9·2 | 9·2 | 2 | 2 | 0 | NW | 5 | NNW | 9 | NW | 3 | Drops | 5·0 |
| 2 | 58·5 | 57·2 | 57·4 | 30·0 | 14·0 | 20·1 | 29·1 | 23·6 | 81 | 29 | 52 | 14·1 | 8·6 | 11·2 | 8 | 0 | 0 | W | 7 | W | 9 | NW | 3 | 0·0 | 4·1 |
| 3 | 59·2 | 57·8 | 58·0 | 31·5 | 14·0 | 20·6 | 30·6 | 27·1 | 85 | 31 | 37 | 15·4 | 10·1 | 9·8 | 2 | 0 | 0 | W | 7 | NW | 5 | NW | 2 | 0·0 | 5·2 |
| 4 | 59·6 | 58·4 | 58·8 | 31·5 | 16·0 | 20·6 | 31·1 | 26·1 | 81 | 32 | 42 | 14·6 | 10·6 | 10·4 | 8 | 0 | 0 | NNW | 9 | N | 7 | N | 4 | 0·0 | 6·0 |
| 5 | 59·6 | 58·1 | 58·3 | 30·5 | 17·5 | 22·6 | 30·1 | 23·6 | 73 | 36 | 41 | 15·0 | 11·2 | 8·9 | 2 | 0 | 0 | N | 9 | NE | 12 | NE | 7 | 0·0 | 7·3 |
| 6 | 58·5 | 55·8 | 56·3 | 31·5 | 13·5 | 22·1 | 30·6 | 24·6 | 65 | 39 | 43 | 12·8 | 12·6 | 9·8 | 0 | 0 | 0 | N | 10 | NNW | 14 | N | 4 | 0·0 | — |
| 7 | 56·6 | 54·6 | 55·1 | 33·1 | 14·6 | 20·6 | 32·4 | 25·6 | 87 | 22 | 40 | 15·7 | 8·1 | 9·6 | 3 | 0 | 0 | NW | 9 | NW | 14 | NW | 3 | 0·0 | — |
| 8 | 57·2 | 55·7 | 56·3 | 32·5 | 15·0 | 21·1 | 32·0 | 24·7 | 83 | 25 | 47 | 15·4 | 8·7 | 10·8 | 9 | 0 | 0 | NW | 5 | NNW | 9 | NW | 1 | 0·0 | — |
| 9 | 57·7 | 56·4 | 56·8 | 33·1 | 16·4 | 22·1 | 31·9 | 26·6 | 79 | 24 | 39 | 15·6 | 8·3 | 9·9 | 2 | 0 | 0 | NW | 5 | NNW | 10 | N | 1 | 0·0 | — |
| 10 | 57·3 | 55·7 | 54·6 | 35·2 | 16·8 | 24·8 | 34·5 | 29·6 | 73 | 25 | 36 | 17·0 | 10·2 | 11·2 | 0 | 0 | 0 | Calm | 0 | NW | 5 | N | 1 | 0·0 | — |
| 11 | 56·7 | 55·4 | 55·9 | 31·0 | 17·3 | 23·1 | 29·6 | 23·1 | 73 | 32 | 62 | 15·3 | 9·8 | 13·0 | 2 | 0 | 0 | NW | 9 | WSW | 12 | NW | 1 | 0·0 | 4·0 |
| 12 | 56·6 | 55·1 | 55·8 | 30·0 | 16·4 | 22·6 | 29·8 | 24·0 | 68 | 34 | 49 | 13·8 | 10·7 | 10·8 | 8 | 2 | 0 | NW | 9 | NNW | 12 | NW | 2 | 0·0 | 4·2 |
| 13 | 56·5 | 55·3 | 55·5 | 30·8 | 15·5 | 22·8 | 29·8 | 25·2 | 75 | 40 | 52 | 15·5 | 12·6 | 12·4 | 7 | 2 | 2 | Calm | 0 | NW | 5 | N | 1 | 0·0 | 3·4 |
| 14 | 56·9 | 56·3 | 56·8 | 31·0 | 17·0 | 23·6 | 30·6 | 24·6 | 78 | 28 | 49 | 16·9 | 9·2 | 11·3 | 0 | 0 | 0 | NW | 7 | SE | 9 | N | 3 | 0·0 | 4·1 |
| 15 | 57·7 | 56·8 | 57·3 | 33·1 | 16·5 | 24·6 | 32·6 | 27·1 | 63 | 31 | 49 | 14·6 | 11·4 | 13·0 | 0 | 0 | 0 | NW | 7 | N | 10 | NE | 4 | 0·0 | 4·1 |
| 16 | 57·5 | 56·5 | 57·6 | 32·7 | 17·5 | 23·6 | 32·1 | 24·9 | 78 | 35 | 51 | 16·9 | 12·5 | 11·8 | 0 | 0 | 0 | NW | 7 | NNW | 12 | N | 3 | 0·0 | 4·3 |
| 17 | 58·6 | 57·2 | 58·0 | 30·5 | 16·5 | 22·6 | 30·1 | 23·1 | 62 | 37 | 51 | 12·6 | 11·5 | 10·7 | 2 | 0 | 0 | NW | 14 | W | 9 | W | 5 | 0·0 | 4·2 |
| 18 | 58·8 | 57·2 | 58·0 | 29·5 | 14·5 | 20·6 | 29·1 | 23·1 | 64 | 36 | 51 | 11·5 | 11·0 | 10·7 | 2 | 0 | 0 | NW | 9 | N | 7 | N | 4 | 0·0 | 4·0 |
| 19 | 59·3 | 57·9 | 58·3 | 31·0 | 16·5 | 21·6 | 30·1 | 25·6 | 69 | 36 | 46 | 13·1 | 11·2 | 11·0 | 5 | 0 | 0 | NW | 18 | NW | 10 | N | 5 | 0·0 | 5·0 |
| 20 | 59·3 | 57·5 | 57·8 | 33·1 | 14·0 | 22·6 | 32·6 | 26·6 | 69 | 26 | 33 | 14·1 | 9·7 | 8·5 | 2 | 0 | 0 | NNW | 9 | N | 12 | N | 6 | 0·0 | 6·8 |
| 21 | 57·8 | 55·9 | 56·5 | 33·6 | 16·1 | 23·6 | 33·1 | 27·0 | 62 | 25 | 31 | 13·5 | 9·2 | 8·2 | 0 | 0 | 0 | NNE | 9 | NNE | 14 | NNE | 3 | 0·0 | 7·5 |
| 22 | 57·4 | 55·6 | 55·7 | 34·1 | 14·6 | 22·6 | 33·1 | 27·6 | 71 | 21 | 38 | 14·5 | 7·7 | 10·4 | 2 | 0 | 0 | NNW | 7 | NNW | 12 | NW | 1 | 0·0 | 5·9 |
| 23 | 57·5 | 56·2 | 57·4 | 35·1 | 16·8 | 22·6 | 33·6 | 27·6 | 83 | 23 | 40 | 17·0 | 9·0 | 11·1 | 8 | 0 | 0 | N | 5 | NW | 12 | Calm | 0 | 0·0 | 6·2 |
| 24 | 58·7 | 56·8 | 56·9 | 34·6 | 18·0 | 23·1 | 33·6 | 27·1 | 76 | 28 | 44 | 15·8 | 10·7 | 11·7 | 8 | 0 | 0 | N | 3 | NNW | 9 | N | 4 | 0·0 | 5·1 |
| 25 | 57·1 | 55·7 | 55·6 | 32·0 | 17·0 | 22·6 | 31·2 | 25·1 | 69 | 39 | 50 | 14·1 | 13·1 | 11·8 | 5 | 0 | 0 | N | 7 | N | 9 | N | 3 | 0·0 | 4·1 |
| 26 | 56·7 | 54·9 | 55·4 | 32·5 | 16·0 | 22·6 | 31·6 | 26·6 | 77 | 30 | 45 | 15·8 | 10·3 | 11·5 | 2 | 0 | 0 | N | 9 | NW | 7 | N | 3 | 0·0 | 5·3 |
| 27 | 56·6 | 55·1 | 54·9 | 33·6 | 15·5 | 21·1 | 32·6 | 29·6 | 86 | 32 | 35 | 15·9 | 11·7 | 10·8 | 10 | 0 | 0 | N | 7 | NNW | 9 | N | 3 | 0·0 | 6·0 |
| 28 | 56·1 | 55·2 | 56·0 | 87·1 | 16·5 | 26·6 | 36·1 | 31·1 | 52 | 20 | 32 | 13·3 | 9·2 | 10·6 | 0 | 0 | 0 | NW | 7 | NNW | 9 | N | 3 | 0·0 | 7·0 |
| 29 | 57·2 | 56·3 | 56·7 | 34·5 | 19·0 | 24·1 | 34·1 | 27·0 | 75 | 29 | 46 | 16·6 | 11·3 | 12·4 | 8 | 0 | 0 | N | 7 | N | 5 | NNE | 2 | 0·0 | 4·6 |
| 30 | 58·2 | 57·5 | 57·6 | 31·4 | 17·6 | 24·6 | 30·6 | 25·6 | 66 | 41 | 50 | 15·1 | 13·5 | 12·3 | 0 | 2 | 0 | NNW | 10 | NNW | 14 | N | 2 | 0·0 | 4·2 |
| Month | 57·78 | 56·35 | 56·75 | 32·3 | 16·0 | 22·5 | 31·5 | 25·9 | 73 | 31 | 44 | 14·8 | 10·4 | 10·8 | 3·6 | 0·3 | 0·1 | — | 7·5 | — | 9·7 | — | 2·9 | Drops | 5·10 |

**Remarks:**—1 ●° $16^{50}$.—5 ∞ $14^h$–n.—6 ∞ all day.

# GIZA.

$\varphi = 30° 1' 57''$ N. $\lambda = 31° 12' 53''$ E. $H = 27·8$ m. $h_t = 1·9$ m. $h_r = 0·9$ m.

$C_h = +2$ mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·1 | 56·3 | 56·8 | 30·9 | 16·5 | 23·6 | 30·1 | 25·6 | 64 | 39 | 46 | 13·9 | 12·2 | 11·2 | 2 | 0 | 0 | NE | 1 | NW | 2 | NNE | 2 | 0·0 | 6·5 |
| 2 | 58·3 | 56·8 | 57·1 | 31·5 | 16·5 | 22·6 | 30·1 | 25·8 | 62 | 36 | 49 | 12·6 | 11·2 | 12·2 | 2 | 0 | 0 | NNW | 2 | NE | 1 | NW | 4 | 0·0 | 6·0 |
| 3 | 58·3 | 57·4 | 57·2 | 31·5 | 17·5 | 22·6 | 30·1 | 26·1 | 69 | 36 | 52 | 14·1 | 11·2 | 13·0 | 5 | 0 | 0 | N | 2 | NNE | 1 | N | 5 | 0·0 | 5·0 |
| 4 | 58·9 | 57·8 | 57·5 | 32·2 | 15·6 | 23·5 | 31·1 | 25·1 | 70 | 32 | 44 | 15·1 | 10·6 | 10·4 | 3 | 0 | 0 | N | 1 | NNW | 2 | N | 2 | 0·0 | 6·0 |
| 5 | 58·7 | 56·7 | 57·0 | 34·6 | 16·5 | 23·6 | 33·7 | 25·2 | 69 | 28 | 48 | 14·8 | 11·0 | 11·4 | 3 | 0 | 0 | NNW | 1 | NW | 2 | NW | 1 | 0·0 | 5·9 |
| 6 | 57·1 | 55·3 | 56·1 | 36·8 | 17·4 | 24·6 | 36·1 | 27·7 | 73 | 24 | 41 | 16·6 | 10·6 | 11·5 | 0 | 0 | 0 | NW | 1 | NW | 2 | N | 1 | 0·0 | 7·0 |
| 7 | 56·4 | 55·7 | 55·8 | 37·1 | 17·0 | 26·3 | 36·5 | 28·3 | 59 | 21 | 43 | 15·1 | 9·7 | 12·3 | 0 | 0 | 0 | Calm | 0 | NW | 2 | Calm | 0 | 0·0 | 7·1 |
| 8 | 57·5 | 56·3 | 56·3 | 33·0 | 20·6 | 24·0 | 32·1 | 27·2 | 79 | 39 | 55 | 17·4 | 14·0 | 14·7 | 8 | 0 | 0 | NNW | 1 | NNW | 1 | NNW | 1 | 0·0 | 4·5 |
| 9 | 57·4 | 55·8 | 56·2 | 36·7 | 20·3 | 24·6 | 36·1 | 29·6 | 72 | 28 | 34 | 16·5 | 12·4 | 10·7 | 0 | 0 | 0 | NNW | 1 | NNE | 2 | Calm | 0 | 0·0 | 7·4 |
| 10 | 57·3 | 55·3 | 54·9 | 37·7 | 18·0 | 26·2 | 37·1 | 29·1 | 63 | 22 | 45 | 15·8 | 10·5 | 13·5 | 0 | 0 | 0 | NNW | 1 | NNW | 1 | Calm | 0 | 0·0 | 7·0 |
| 11 | 56·3 | 54·7 | 55·0 | 36·3 | 20·0 | 25·6 | 36·0 | 26·6 | 65 | 19 | 39 | 15·8 | 8·7 | 10·1 | 0 | 0 | 0 | NNW | 1 | NNW | 2 | Calm | 0 | 0·0 | 7·4 |
| 12 | 55.8 | 54·6 | 55·5 | 38·1 | 17·5 | 24·6 | 37·1 | 32·1 | 75 | 24 | 30 | 17·2 | 11·3 | 10·8 | 0 | 0 | 0 | N | 3 | N | 4 | NE | 5 | 0·0 | 7·2 |
| 13 | 56·7 | 55·5 | 55·6 | 41·6 | 17·5 | 26·6 | 41·1 | 32·6 | 52 | 9 | 43 | 13·3 | 5·3 | 15·9 | 0 | 0 | 0 | N | 4 | W | 5 | Calm | 0 | 0·0 | 10·0 |
| 14 | 57·9 | 56·3 | 57·1 | 36·1 | 19·0 | 25·1 | 35·1 | 26·8 | 83 | 28 | 71 | 19·6 | 11·6 | 18·5 | 0 | 0 | 0 | N | 3 | W | 4 | NE | 4 | 0·0 | 6·2 |
| 15 | 57·2 | 55·6 | 55·6 | 32·0 | 17·5 | 24·1 | 31·1 | 26·1 | 83 | 45 | 61 | 18·4 | 15·1 | 15·4 | 2 | 0 | 0 | N | 3 | NNE | 4 | N | 3 | 0·0 | 4·0 |
| 16 | 55·2 | 53·2 | 53·6 | 33·6 | 19·0 | 25·1 | 32·6 | 27·1 | 69 | 36 | 52 | 16·3 | 13·1 | 13·9 | 5 | 0 | 0 | N | 4 | W | 3 | NNE | 5 | 0·0 | 5·0 |
| 17 | 55·0 | 54·2 | 54·3 | 34·6 | 19·5 | 24·6 | 34·1 | 27·6 | 79 | 29 | 46 | 18·1 | 11·3 | 12·7 | 0 | 0 | 0 | N | 2 | NW | 3 | N | 4 | 0·0 | 4·1 |
| 18 | 55·3 | 54·4 | 55·0 | 36·6 | 17·5 | 24·8 | 36·1 | 28·1 | 77 | 27 | 47 | 17·9 | 11·9 | 13·3 | 0 | 0 | 0 | Calm | 0 | NW | 3 | N | 4 | 0·0 | 4·2 |
| 19 | 55·2 | 54·6 | 54·9 | 36·8 | 18·5 | 25·0 | 35·6 | 27·7 | 77 | 34 | 66 | 18·2 | 14·4 | 18·0 | 0 | 0 | 0 | Calm | 0 | NNW | 2 | NNW | 3 | 0·0 | 5·4 |
| 20 | 55·6 | 55·0 | 55·5 | 32·1 | 19·0 | 24·6 | 31·6 | 25·9 | 71 | 46 | 64 | 16 3 | 15·8 | 15·8 | 3 | 0 | 0 | NNW | 2 | NNW | 3 | NW | 2 | 0·0 | 4·0 |
| 21 | 56·3 | 55·1 | 55·3 | 32·0 | 17·6 | 24·6 | 31·5 | 26·0 | 70 | 46 | 65 | 16·1 | 15 6 | 16·1 | 5 | 1 | 0 | NNE | 2 | NE | 3 | N | 2 | 0·0 | 5·0 |
| 22 | 55·6 | 54·3 | 54·2 | 33·4 | 18·9 | 23·6 | 32·1 | 26·5 | 77 | 46 | 59 | 16·6 | 16·4 | 15·1 | 8 | 0 | 0 | N | 1 | NNE | 2 | N | 3 | 0·0 | 5·3 |
| 23 | 53·9 | 52·4 | 53·0 | 34·1 | 19·8 | 24·5 | 33·6 | 26·0 | 80 | 36 | 59 | 18·1 | 14·0 | 14·7 | 9 | 0 | 0 | N | 2 | NNW | 2 | NNW | 2 | 0·0 | 5.0 |
| 24 | 53·3 | 52·2 | 52·8 | 33·6 | 17·2 | 24·3 | 33·1 | 26 8 | 76 | 37 | 54 | 17·2 | 13·7 | 13·9 | 2 | 0 | 0 | Calm | 0 | NW | 3 | NW | 1 | 0·0 | 5·2 |
| 25 | 55·2 | 54·7 | 55·6 | 33·6 | 15·6 | 22·9 | 32·5 | 26·1 | 84 | 31 | 42 | 17·3 | 11·4 | 10·4 | 8 | 0 | 0 | NW | 1 | NW | 2 | WNW | 2 | 0·0 | 5·1 |
| 26 | 57·0 | 55·7 | 55·5 | 35·1 | 15·0 | 23·6 | 34·1 | 28·5 | 66 | 29 | 48 | 14·4 | 11·5 | 13·8 | 0 | 0 | 0 | N | 3 | Calm | 0 | N | 3 | 0·0 | 5·3 |
| 27 | 55·3 | 54·1 | 54·6 | 32·0 | 19·0 | 24·6 | 31·8 | 25·1 | 71 | 39 | 64 | 16·3 | 13·4 | 15·1 | 5 | 6 | 3 | N | 3 | NW | 3 | NNW | 2 | 0·0 | 4·0 |
| 28 | 54·1 | 53·0 | 53·8 | 32·0 | 19·0 | 25·1 | 31·1 | 24·8 | 68 | 39 | 62 | 16·0 | 13·2 | 14·4 | 5 | 5 | 0 | N | 2 | NW | 4 | W | 3 | 0·0 | 3·4 |
| 29 | 55·3 | 54·3 | 54·8 | 31·5 | 17·5 | 25·1 | 31·1 | 25·1 | 71 | 37 | 54 | 16·9 | 12·3 | 12·6 | 2 | 2 | 0 | N | 2 | NW | 4 | N | 3 | 0·0 | 5·1 |
| 30 | 56·1 | 55·5 | 55·6 | 32·0 | 17·0 | 24·6 | 31·1 | 27·1 | 71 | 37 | 52 | 16·3 | 12·3 | 13·9 | 0 | 2 | 0 | N | 2 | NNW | 3 | N | 3 | 0·0 | 4·1 |
| 31 | 56·9 | 55·8 | 56·1 | 30·5 | 17·0 | 24 1 | 30·1 | 25·1 | 75 | 42 | 57 | 16·6 | 13·2 | 13·4 | 2 | 5 | 0 | NE | 3 | N | 3 | N | 2 | 0·0 | 3·3 |
| Month | 56·36 | 55·12 | 55·43 | 34·2 | 17·9 | 24·5 | 33·4 | 27·0 | 72 | 33 | 51 | 16·3 | 12·2 | 13·5 | 2·5 | 0·7 | 0·1 | — | 1·7 | — | 2·5 | — | 2·3 | 0·0 | 5·51 |

**Remarks :—**

$C_h = +2$ mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56·8 | 55·6 | 55·4 | 32·0 | 17·0 | 22·6 | 31·6 | 28·6 | 82 | 40 | 48 | 16·6 | 13·7 | 13·8 | 0 | 0 | 0 | N | 2 | NNW | 2 | N | 3 | 0·0 | 3·8 |
| 2 | 55·2 | 54·1 | 54·3 | 38·8 | 16·6 | 26·6 | 38·0 | 28·6 | 52 | 30 | 65 | 13·3 | 14·7 | 18·8 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 6·4 |
| 3 | 55·7 | 54·9 | 55·4 | 32·1 | 19·5 | 24·1 | 31·6 | 25·8 | 79 | 47 | 69 | 17·7 | 16·1 | 17·0 | 8 | 0 | 0 | NNW | 1 | NNW | 2 | NNW | 3 | 0·0 | 3·4 |
| 4 | 55·9 | 55·3 | 55·4 | 31·3 | 16·5 | 23·6 | 29·8 | 24·5 | 75 | 55 | 73 | 16·0 | 17·1 | 16·5 | 2 | 6 | 0 | N | 1 | NNW | 2 | NNW | 2 | 0·0 | 3·8 |
| 5 | 56·5 | 55·9 | 56·1 | 31·4 | 17·5 | 23·7 | 30·5 | 25·0 | 78 | 51 | 68 | 16·8 | 16·6 | 15·9 | 1 | 2 | 0 | NNW | 1 | NNW | 3 | N | 2 | 0·0 | 3·0 |
| 6 | 56·8 | 56·2 | 56·4 | 31·3 | 17·8 | 24·0 | 30·6 | 24·6 | 79 | 55 | 70 | 17·4 | 18·1 | 16·1 | 4 | 2 | 0 | NNW | 2 | N | 3 | N | 3 | 0·0 | 3·5 |
| 7 | 55·9 | 54·4 | 54·8 | 31·4 | 17·8 | 24·6 | 30·2 | 25·4 | 77 | 58 | 82 | 17·7 | 18·3 | 19·6 | 6 | 4 | 0 | NW | 2 | NW | 3 | N | 2 | 0·0 | 2·8 |
| 8 | 55·2 | 53·6 | 53·8 | 33·5 | 19·5 | 24·6 | 32·6 | 26·1 | 84 | 31 | 61 | 19·4 | 11·4 | 15·4 | 8 | 0 | 0 | NW | 2 | N | 2 | NNW | 2 | 0·0 | 4·0 |
| 9 | 54·9 | 53·9 | 53·6 | 36·1 | 19·5 | 24·6 | 34·6 | 29·1 | 83 | 34 | 48 | 18·9 | 13·7 | 14·4 | 0 | 0 | 0 | N | 2 | W | 2 | N | 3 | 0·0 | 4·1 |
| 10 | 54·9 | 53·6 | 54·3 | 34·1 | 21.0 | 25·1 | 33·6 | 27·6 | 79 | 37 | 66 | 18 7 | 14.3 | 18·0 | 5 | 0 | 0 | N | 2 | NW | 2 | W | 3 | 0·0 | 4·0 |
| 11 | 55·9 | 54·6 | 55·0 | 35·1 | 20·0 | 25·1 | 34·1 | 27·1 | 75 | 40 | 66 | 17·7 | 15·9 | 17·4 | 5 | 0 | 0 | N | 2 | W | 2 | N | 2 | 0·0 | 2·0 |
| 12 | 56·3 | 54·5 | 54·6 | 34·6 | 20·0 | 24·6 | 34·1 | 28·1 | 83 | 40 | 57 | 18·9 | 15·9 | 15·9 | 10 | 0 | 0 | N | 2 | NE | 2 | N | 2 | 0·0 | 3·2 |
| 13 | 54·4 | 53·2 | 52·5 | 36·1 | 19·5 | 23·8 | 35·1 | 26·6 | 81 | 28 | 58 | 17·7 | 11·6 | 15·0 | 0 | 0 | 0 | N | 2 | NNE | 2 | N | 1 | 0·0 | 3·4 |
| 14 | 54·5 | 52·8 | 53·2 | 35·1 | 21·0 | 24·6 | 35·1 | 28·6 | 81 | 35 | 64 | 18·6 | 14·4 | 18·6 | 8 | 0 | 0 | N | 2 | NW | 2 | N | 3 | 0·0 | 2·2 |
| 15 | 54·0 | 53·0 | 53·8 | 34·6 | 19·0 | 23·6 | 34·1 | 29·1 | 90 | 43 | 57 | 19·6 | 16·9 | 17·1 | 0 | 0 | 0 | N | 2 | NW | 1 | N | 3 | 0·0 | 3·5 |
| 16 | 56·0 | 55·3 | 56·4 | 33·9 | 19·5 | 23·4 | 33·3 | 27·6 | 90 | 43 | 59 | 19·2 | 16·2 | 16·2 | 10 | 0 | 0 | N | 2 | NNE | 3 | N | 3 | 0·0 | 4·6 |
| 17 | 57·7 | 56·6 | 57·4 | 33·6 | 19·9 | 25·6 | 33·2 | 26·6 | 81 | 50 | 65 | 19·7 | 18·7 | 16·8 | 3 | 0 | 0 | N | 2 | N | 3 | N | 3 | 0·0 | 4·7 |
| 18 | 57·7 | 56·0 | 56·2 | 32·0 | 19·4 | 24·6 | 31·4 | 26·0 | 79 | 52 | 67 | 18·1 | 17·8 | 16·7 | 8 | 0 | 0 | NNE | 2 | NNE | 4 | NNW | 4 | 0·0 | 4·0 |
| 19 | 56·3 | 54·7 | 54·4 | 32·6 | 19·6 | 24·5 | 31·6 | 26·1 | 73 | 50 | 73 | 16·5 | 17·1 | 18·4 | 3 | 0 | 0 | NNW | 3 | NNE | 3 | NNE | 3 | 0·0 | 3·2 |
| 20 | 53·8 | 52·1 | 51·8 | 33·1 | 20·0 | 24·1 | 32·5 | 26·6 | 75 | 40 | 65 | 16·6 | 14·6 | 16·8 | 3 | 0 | 0 | NNE | 3 | N | 2 | N | 2 | 0·0 | 3·3 |
| 21 | 52·7 | 51·6 | 51·7 | 34·1 | 20·6 | 23·6 | 33·8 | 27·9 | 85 | 42 | 61 | 18·3 | 16·3 | 17·1 | 10 | 0 | 0 | N | 1 | NNW | 1 | Calm | 0 | 0·0 | 3·0 |
| 22 | 54·3 | 53·5 | 54·2 | 34·6 | 20·0 | 24·1 | 33·7 | 25·6 | 76 | 42 | 70 | 16·8 | 16·2 | 17·1 | 8 | 0 | 1 | N | 1 | N | 1 | Calm | 0 | 0·0 | 3·1 |
| 23 | 56·7 | 55·8 | 56·6 | 35·1 | 20·0 | 24·1 | 34·6 | 28·1 | 90 | 43 | 66 | 20·2 | 17·6 | 18·7 | 5 | 0 | 0 | N | 2 | N | 2 | N | 3 | 0·0 | 2·3 |
| 24 | 57·7 | 56·5 | 57·1 | 33·6 | 21·0 | 24·6 | 32·6 | 26·6 | 83 | 57 | 72 | 18·9 | 20·9 | 18·7 | 8 | 0 | 0 | N | 2 | N | 2 | N | 2 | 0·0 | 3·0 |
| 25 | 57·7 | 56·7 | 57·0 | 31·0 | 18·0 | 24·6 | 30·1 | 26·1 | 75 | 58 | 68 | 17·2 | 18·4 | 17·1 | 3 | 0 | 0 | N | 3 | N | 3 | N | 4 | 0 0 | 3·0 |
| 26 | 58·5 | 57·1 | 57·7 | 31·0 | 17·5 | 24·1 | 30·3 | 25·6 | 87 | 51 | 71 | 19·3 | 16·4 | 17·4 | 3 | 3 | 0 | N | 2 | NNE | 2 | N | 2 | 0·0 | 2·2 |
| 27 | 57·7 | 56·4 | 56·5 | 31 5 | 17·5 | 24·1 | 30·1 | 25·8 | 83 | 55 | 74 | 18·4 | 17·5 | 18·2 | 0 | 5 | 2 | N | 2 | N | 2 | N | 3 | 0·0 | 2·4 |
| 28 | 56·7 | 55·6 | 55·7 | 31·5 | 18·5 | 23·6 | 31·1 | 25·1 | 86 | 54 | 73 | 18·7 | 18·2 | 17·2 | 8 | 3 | 0 | N | 2 | N | 2 | NE | 3 | 0·0 | 2·0 |
| 29 | 56·2 | 55·5 | 56·7 | 31·5 | 19·0 | 24·1 | 31·1 | 26·8 | 83 | 48 | 65 | 18·4 | 15·9 | 16·9 | 0 | 0 | 0 | N | 2 | NNE | 2 | N | 1 | 0·0 | 2·0 |
| 30 | 57·4 | 57·1 | 58·1 | 32·2 | 18·7 | 26·0 | 32·1 | 26·6 | 73 | 53 | 60 | 18·1 | 18·9 | 15·4 | 3 | 3 | 0 | Calm | 0 | N | 2 | NNE | 4 | 0·0 | 3·4 |
| 31 | 59·4 | 58·9 | 59·7 | 29·8 | 18·3 | 23·8 | 29·6 | 23·8 | 76 | 44 | 66 | 16·6 | 13·6 | 14·4 | 2 | 6 | 0 | N | 2 | NNE | 4 | NNE | 3 | 0·0 | 3·2 |
| Month | 56·11 | 55·00 | 55·35 | 33·2 | 19·0 | 24·3 | 32·5 | 26·6 | 80 | 45 | 65 | 17·9 | 16·2 | 16·9 | 4·3 | 1·1 | 0·1 | — | 1·8 | — | 2·2 | — | 2·4 | 0·0 | 3.31 |

**Remarks :—**

# GIZA.

$\varphi = 30° 1' 57''$ N. $\lambda = 31° 12' 53''$ E. H = 27·8 m. $h_t$ = 1·9 m. $h_r$ = 0·9 m.

$C_h$ = + 2 mm.

## September 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·1 | 57·3 | 57·6 | 30·3 | 16·5 | 23·4 | 30·1 | 23·6 | 77 | 48 | 78 | 16·3 | 15·0 | 16·7 | 3 | 8 | 2 | N | 1 | NNW | 4 | N | 2 | 0·0 | 2·8 |
| 2 | 56·9 | 55·3 | 55·2 | 31·0 | 17·8 | 24·6 | 30·1 | 24·6 | 73 | 45 | 71 | 16·8 | 14·3 | 16·3 | 2 | 5 | 2 | NNW | 1 | N | 3 | NNE | 3 | 0·0 | 2.8 |
| 3 | 56·5 | 55·7 | 56·1 | 32·4 | 17·8 | 24·0 | 31·5 | 25·6 | 83 | 43 | 67 | 18·4 | 14·7 | 16·2 | 5 | 2 | 0 | NNE | 1 | NNE | 3 | NNE | 2 | 0·0 | 2·5 |
| 4 | 57·4 | 56·2 | 56·9 | 32·8 | 18·3 | 23·4 | 32·0 | 25·7 | 86 | 39 | 70 | 18·3 | 13·9 | 17·0 | 9 | 0 | 0 | NNE | 1 | NE | 4 | N | 2 | 0·0 | 2·7 |
| 5 | 57·3 | 55·9 | 56·4 | 32·6 | 19·8 | 25·0 | 32·0 | 24·1 | 78 | 43 | 75 | 18·4 | 15·2 | 16·6 | 4 | 0 | 0 | NNE | 2 | NE | 4 | NNE | 2 | 0·0 | 2·2 |
| 6 | 57·3 | 55·9 | 55·8 | 32·6 | 19·5 | 24·6 | 31·6 | 24·6 | 87 | 46 | 71 | 19·9 | 16·5 | 16·3 | 8 | 0 | 0 | N | 2 | N | 2 | N | 2 | 0·0 | 2·2 |
| 7 | 57·4 | 55·8 | 56·0 | 32·0 | 19·5 | 24·6 | 31·3 | 24·1 | 83 | 41 | 75 | 18·9 | 13·9 | 16·6 | 8 | 0 | 0 | N | 1 | N | 2 | N | 2 | 0·0 | 1·0 |
| 8 | 57·7 | 56·6 | 56·8 | 31·5 | 19·0 | 24·1 | 31·1 | 24·6 | 79 | 37 | 65 | 17·7 | 12·3 | 14·9 | 6 | 0 | 0 | N | 2 | N | 2 | N | 3 | 0·0 | 3.0 |
| 9 | 58·2 | 57·1 | 57·7 | 32 0 | 18·0 | 25·1 | 31·6 | 23·4 | 79 | 48 | 80 | 18·7 | 16·5 | 17·0 | 8 | 0 | 0 | N | 2 | NE | 2 | N | 3 | 0·0 | 2·0 |
| 10 | 58·2 | 56·3 | 56·6 | 31·0 | 17·5 | 24·1 | 30·6 | 24·6 | 79 | 51 | 75 | 17·5 | 16·6 | 17·2 | 8 | 0 | ·0 | N | 2 | NE | 2 | N | 3 | 0·0 | 1·1 |
| 11 | 57·6 | 56·5 | 57·2 | 31·0 | 18·5 | 23·6 | 30 2 | 25·6 | 86 | 52 | 71 | 18·7 | 16·4 | 17·4 | 5 | 0 | 0 | N | 1 | N | 2 | NE | 3 | 0·0 | 2·0 |
| 12 | 58·5 | 56·7 | 57·7 | — | 20·0 | 24·1 | 32·6 | 26·1 | 87 | 43 | 65 | 19·3 | 15·9 | 16·2 | 8 | 0 | 0 | N | 2 | N | 3 | NNE | 2 | 0·0 | 2·5 |
| 13 | 58·3 | 56·8 | 57·4 | 32·6 | 19·4 | 20·6 | 31·7 | 24·1 | 97 | 41 | 66 | 17·5 | 14·2 | 14·5 | 10 | 0 | 0 | NE | 1 | NNE | 3 | ENE | 1 | 0·0 | 2·4 |
| 14 | 58·6 | 56·9 | 57·1 | 34·6 | 16·5 | 21·1 | 33·6 | 25·9 | 99 | 46 | 66 | 18·4 | 18·0 | 16·2 | 10 | 0 | 0 | NNE | 1 | NNE | 4 | NNE | 2 | 0·0 | 2·2 |
| 15 | 58·4 | 56·4 | 56·9 | 35·2 | 19·0 | 22·1 | 34·7 | 25·6 | 97 | 43 | 70 | 19·2 | 17·5 | 16·9 | 9 | 0 | 0 | N | 2 | N | 4 | N | 1 | 0·0 | 3·2 |
| 16 | 57·4 | 55·2 | 55·6 | 34·9 | 18·8 | 25·1 | 34·1 | 24·6 | 83 | 44 | 77 | 19·6 | 17·5 | 17·5 | 0 | 0 | 0 | N | 1 | NNE | 4 | Calm | 0 | 0·0 | 2·8 |
| 17 | 55·5 | 53·6 | 54·0 | 33·1 | 19·4 | 24·6 | 32·6 | 24·0 | 85 | 44 | 84 | 19·5 | 16·3 | 18·6 | 8 | 0 | 0 | Calm | 0 | NNW | 3 | N | 1 | 0·0 | 2·2 |
| 18 | 55·5 | 54·5 | 55·5 | 33·6 | 20·4 | 22·6 | 33·1 | 27·1 | 99 | 49 | 49 | 20·2 | 18·5 | 13·0 | 10 | 0 | 0 | Calm | 0 | NNW | 2 | NE | 2 | 0·0 | 2·0 |
| 19 | 56·9 | 56·6 | 57·3 | 32·6 | 17·3 | 21·2 | 32·0 | 22·2 | 99 | 41 | 90 | 18·5 | 14·6 | 17·9 | 10 | 0 | 0 | NNW | 1 | NNW | 3 | Calm | 0 | 0·0 | 2·2 |
| 20 | 59·0 | 58·0 | 58·6 | 32·6 | 17·0 | 21·6 | 32·1 | 25·1 | 95 | 40 | 64 | 18·1 | 14·3 | 15·1 | 10 | 0 | 0 | N | 2 | NNE | 3 | N | 2 | 0·0 | 1·4 |
| 21 | 59·5 | 57·8 | 58·3 | 32·6 | 19·5 | 24·2 | 32·1 | 24·6 | 82 | 40 | 99 | 18·3 | 17·2 | 22·8 | 5 | 0 | 0 | N | 2 | N | 2 | NE | 2 | 0·0 | 1·4 |
| 22 | 58·5 | 56·4 | 57·3 | 32·0 | 17·5 | 24·1 | 31·6 | 23·6 | 83 | 51 | 78 | 18·4 | 17·5 | 16·9 | 8 | 0 | 0 | N | 1 | N | 2 | NNE | 2 | 0·0 | 2·0 |
| 23 | 57·7 | 56·5 | 57·2 | 30·5 | 17·0 | 23·6 | 30·1 | 23·6 | 70 | 47 | 75 | 15·2 | 14·7 | 16·0 | 8 | 0 | 0 | N | 1 | NNW | 2 | N | 2 | 0·0 | 2·3 |
| 24 | 57·7 | 57·0 | 57·4 | 34·1 | 17·2 | 24·1 | 33·6 | 23·1 | 67 | 32 | 74 | 14·0 | 12·5 | 15·5 | 0 | 0 | 0 | N | 2 | NNW | 3 | N | 2 | 0·0 | 3·2 |
| 25 | 59·9 | 59·0 | 59·4 | 29·0 | 15·5 | 22·1 | 28·6 | 19·6 | 82 | 39 | 85 | 16·1 | 11·3 | 14·4 | 0 | 0 | 0 | N | 2 | NNW | 1 | N | 1 | 0·0 | 2·1 |
| 26 | 59·3 | 58·2 | 59·1 | 29·5 | 15·0 | 22·3 | 29·1 | 23·6 | 75 | 43 | 70 | 15·0 | 12·8 | 15·2 | 0 | 2 | 0 | N | 1 | N | 2 | N | 3 | 0·0 | 2·5 |
| 27 | 59·2 | 58·7 | 59·9 | 30·5 | 15·9 | 23·1 | 30·0 | 23·6 | 74 | 41 | 62 | 15·5 | 13·0 | 13·4 | 0 | 5 | 0 | Calm | 0 | N | 3 | NE | 4 | 0·0 | 2·9 |
| 28 | 60·4 | 59·7 | 60·6 | 30·7 | 15·0 | 22·0 | 30·1 | 24·0 | 78 | 36 | 59 | 15·3 | 11·2 | 13·0 | 1 | 0 | 0 | Calm | 0 | NNE | 3 | NNE | 4 | 0·0 | 2·6 |
| 29 | 60·0 | 58·9 | 58·7 | 32·4 | 14·0 | 22·2 | 31·7 | 22·1 | 72 | 44 | 78 | 14·4 | 15·3 | 15·4 | 1 | 0 | 0 | Calm | 0 | N | 3 | N | 2 | 0·0 | 2·8 |
| 30 | 59·5 | 57·9 | 59·1 | — | 16·8 | 23·0 | 28·7 | 21·1 | 77 | 43 | 77 | 16·1 | 12·4 | 14·3 | 0 | 3 | 1 | N | 1 | NNE | 4 | NNW | 2 | 0·0 | 2·5 |
| Month | 58·11 | 56·78 | 57·31 | 32·1 | 17·8 | 23·3 | 31·5 | 24·1 | 83 | 44 | 73 | 17·6 | 15·0 | 16·2 | 5·5 | 0·8 | 0·2 | — | 1·2 | — | 2·8 | — | 2·1 | 0·0 | 2·32 |

**Remarks:**—14 ≡².—15 ≡, [symbol].—17 ≡ to 7h.—18 ⌓.—19 ⌓.—20 ≡ to 7h.—27 ≡.

$C_h$ = + 2 mm.

## October 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·7 | 58·1 | 59·0 | 28·8 | 14·4 | 21·6 | 27·6 | 20·1 | 77 | 46 | 78 | 14·7 | 12·7 | 13·6 | 6 | 7 | 0 | N | 1 | N | 4 | NNE | 1 | 0·0 | 2·1 |
| 2 | 60·6 | 60·1 | 61·0 | 29·0 | 14·0 | 21·1 | 28·6 | 22·1 | 81 | 51 | 80 | 15·1 | 14·7 | 15·8 | 0 | 0 | 0 | N | 1 | NE | 2 | NNE | 1 | 0·0 | 0·9 |
| 3 | 61·7 | 60·3 | 60·9 | 28·6 | 15·0 | 22·0 | 28·5 | 23·6 | 84 | 52 | 79 | 16·5 | 14·8 | 17·1 | 0 | 0 | 0 | Calm | 0 | N | 1 | NE | 3 | 0·0 | 1·3 |
| 4 | 61·3 | 59·8 | 60·6 | 29 4 | 17·0 | 22·1 | 28·9 | 21·9 | 76 | 42 | 67 | 14·9 | 12·3 | 13·0 | 0 | 0 | 0 | N | 3 | NNW | 5 | NNE | 2 | 0·0 | 3·3 |
| 5 | 60·1 | 57·8 | 58·4 | 29·5 | 14·0 | 20·6 | 29·1 | 23·1 | 76 | 47 | 66 | 13·8 | 14·2 | 13·8 | 0 | 0 | 0 | N | 2 | NW | 3 | N | 2 | 0·0 | 3·0 |
| 6 | 58·5 | 56·3 | 57·0 | 30·5 | 15·5 | 21·1 | 30·5 | 23·3 | 89 | 55 | 88 | 16·5 | 18·2 | 18·7 | 0 | 0 | 0 | Calm | 0 | N | 2 | NE | 1 | 0·0 | 2·0 |
| 7 | 57·6 | 56·2 | 57·1 | 31·6 | 17·6 | 22·2 | 31·3 | 22·6 | 94 | 52 | 78 | 18·6 | 17·7 | 16·0 | 8 | 1 | 0 | NNE | 1 | NNE | 2 | Calm | 0 | 0·0 | 1·3 |
| 8 | 58·2 | 56·4 | 56·9 | 31·5 | 18·5 | 21·6 | 31·1 | 24·1 | 95 | 42 | 79 | 18·1 | 14·0 | 17·5 | 10 | 2 | 8 | N | 1 | N | 2 | N | 2 | Drops | 2·4 |
| 9 | 57·8 | 55·8 | 56 4 | 33·5 | 21·0 | 23·3 | 31·8 | 25·1 | 91 | 47 | 83 | 19·4 | 16·4 | 19·6 | 8 | 0 | 0 | N | 1 | N | 3 | N | 3 | Drops | 2·8 |
| 10 | 57·1 | 56·0 | 56·4 | 32·2 | 22·0 | 24·8 | 31·8 | 24·6 | 82 | 55 | 85 | 19·0 | 19·3 | 19·5 | 8 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 1 | 0.0 | 2·0 |
| 11 | 58·2 | 56·5 | 57·7 | 32·0 | 21·0 | 23·1 | 31·1 | 24·1 | 95 | 53 | 75 | 19·9 | 17·8 | 16·6 | 10 | 0 | 0 | NW | 2 | NNW | 2 | N | 2 | 0·0 | 2·1 |
| 12 | 58·8 | 57·2 | 57·7 | 31·4 | 18·4 | 21·0 | 31·3 | 23·2 | 95 | 32 | 66 | 17·6 | 11·0 | 13·9 | 5 | 0 | 0 | N | 2 | N | 3 | NNW | 2 | 0·0 | 3·0 |
| 13 | 58·2 | 56·8 | 57·0 | 30·9 | 15·9 | 21·6 | 30·3 | 19·6 | 94 | 45 | 83 | 18·0 | 14·4 | 14·1 | 9 | 0 | 0 | NNW | 1 | N | 2 | Calm | 0 | 0·0 | 2·0 |
| 14 | 57·6 | 56·5 | 57·7 | 31·5 | 14·5 | 21·6 | 31·1 | 23·1 | 57 | 29 | 82 | 10·8 | 9·7 | 17·2 | 0 | 0 | 0 | S | 1 | SW | 2 | SSW | 2 | 0·0 | 4·2 |
| 15 | 60·2 | 59·4 | 60·6 | 30·0 | 16·5 | 21·9 | 29·6 | 24·1 | 90 | 49 | 68 | 17·6 | 15·0 | 15·0 | 8 | 3 | 0 | N | 1 | N | 2 | N | 2 | 0·0 | 2·4 |
| 16 | 61·6 | 60·2 | 60·7 | 29·5 | 16·3 | 20·6 | 29·1 | 23·8 | 93 | 39 | 61 | 16·9 | 11·8 | 13·4 | 0 | 0 | 0 | Calm | 0 | NNE | 3 | NE | 3 | 0·0 | 3·3 |
| 17 | 60·8 | 58·2 | 58·6 | 34·6 | 14·6 | 21·1 | 34·1 | 22·1 | 89 | 15 | 69 | 16·5 | 6·3 | 13·6 | 2 | 2 | 0 | NNE | 1 | NE | 2 | NW | 1 | 0·0 | 3·9 |
| 18 | 58·5 | 57·8 | 59·7 | 33·1 | 14·4 | 21·6 | 33·0 | 21·7 | 81 | 30 | 78 | 15·6 | 11·1 | 15·0 | 0 | 3 | 3 | Calm | 0 | N | 3 | N | 1 | 0·0 | 2·8 |
| 19 | 60·8 | 59·8 | 60·3 | 28·1 | 14·4 | 20·1 | 27·9 | 21·8 | 86 | 45 | 75 | 15·0 | 12·5 | 14·6 | 3 | 9 | 3 | Calm | 0 | NE | 2 | NNE | 1 | 0·0 | 2·1 |
| 20 | 61·1 | 59·2 | 59·6 | 27·9 | 14·0 | 20·6 | 27·6 | 18·6 | 81 | 40 | 85 | 14·6 | 11·1 | 13·6 | 0 | 2 | 0 | Calm | 0 | N | 3 | Calm | 0 | 0·0 | 2·4 |
| 21 | 59·6 | 57·7 | 58·4 | 30·5 | 13·6 | 20·9 | 29·6 | 17·9 | 71 | 26 | 74 | 12·9 | 8·0 | 11·2 | 0 | 3 | 3 | S | 1 | SSW | 3 | Calm | 0 | 0·0 | 4·0 |
| 22 | 59·6 | 58·2 | 59·2 | 29·9 | 14·3 | 20·6 | 29·5 | 17·6 | 51 | 22 | 74 | 9·3 | 6·8 | 11·1 | 2 | 2 | 0 | SSW | 1 | SSW | 3 | Calm | 0 | 0·0 | 6·0 |
| 23 | 60·2 | 58·8 | 60·0 | 28·5 | 14 5 | 20 1 | 28·1 | 21·6 | 55 | 39 | 73 | 9·6 | 10·8 | 14·0 | 0 | 8 | 8 | S | 2 | W | 3 | S | 2 | Drops | 4·1 |
| 24 | 60·5 | 58·6 | 59·3 | 27·2 | 15·1 | 20·3 | 26·1 | 20·0 | 79 | 36 | 72 | 13·9 | 8·7 | 12·6 | 0 | 10 | 0 | S | 1 | Calm | 0 | Calm | 0 | Drops | 3·4 |
| 25 | 59·8 | 58·3 | 60·3 | 26·9 | 13·5 | 19·1 | 25·2 | 18·1 | 65 | 39 | 81 | 10·8 | 9·4 | 12·5 | 1 | 7 | 0 | SSE | 1 | SSW | 2 | Calm | 0 | 0·0 | 3·2 |
| 26 | 61·4 | 59·9 | 60·5 | 27·4 | 13·5 | 18·6 | 26·6 | 16·5 | 80 | 33 | 76 | 12·7 | 8·4 | 10·7 | 0 | 3 | 3 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·1 |
| 27 | 61·5 | 59·8 | 59·7 | 27·2 | 12·4 | 19·3 | 26·6 | 16·0 | 71 | 27 | 70 | 11·8 | 6·9 | 9·5 | 0 | 0 | 0 | S | 1 | Calm | 0 | Calm | 0 | 0·0 | 3·0 |
| 28 | 60·5 | 58·7 | 59·2 | 28·2 | 10·5 | 16·6 | 27·6 | 19·2 | 62 | 29 | 75 | 8·7 | 7·9 | 12.5 | 2 | 4 | 0 | SSE | 1 | SE | 1 | E | 2 | 0·0 | 3·0 |
| 29 | 60·3 | 58·9 | 59·5 | 27·2 | 11·6 | 17·6 | 26·2 | 17·6 | 79 | 44 | 84 | 11·8 | 11·1 | 12·6 | 0 | 5 | 0 | E | 1 | N | 2 | N | 2 | Drops | 2·0 |
| 30 | 60·0 | 58·9 | 60·1 | 27·5 | 13·1 | 18·1 | 27·1 | 19·5 | 86 | 45 | 72 | 13·3 | 12·2 | 12·1 | 5 | 3 | 0 | SSE | 1 | NNE | 4 | N | 3 | 0·0 | 2·2 |
| 31 | 60·8 | 59·1 | 60·2 | 26·7 | 13·5 | 18·3 | 26·1 | 18·1 | 87 | 44 | 86 | 13·6 | 10·9 | 13·3 | 6 | 5 | 0 | SSE | 1 | NNE | 3 | Calm | 0 | 0·0 | 2·1 |
| Month | 59·76 | 58·24 | 59·02 | 29·7 | 15·3 | 20·7 | 29·1 | 21·1 | 80 | 40 | 76 | 14·8 | 12·1 | 14·3 | 3·0 | 2·5 | 0·9 | — | 1·0 | — | 2·3 | — | 1·3 | Drops | 2·75 |

**Remarks:**—8 ●° 7[45].—22 < 24h.—23 ●° 17h.—24 ●° 13[15].—28 < N 17[30]-*n*.—29 < N 20h-*n*.

# GIZA.

$\varphi = 30° 1' 57''$ N. $\lambda = 31° 12' 53''$ E. $H = 27·8$ m. $h_t = 1·9$ m. $h_r = 0·9$ m.

$C_h = +2$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·3 | 59·6 | 60·1 | 25·4 | 12·5 | 18·1 | 25·1 | 17·1 | 84 | 43 | 79 | 13·0 | 10·2 | 11·4 | 2 | 2 | 0 | Calm | 0 | N | 2 | Calm | 0 | 0·0 | 1·9 |
| 2 | 60·6 | 60·0 | 60·6 | 26·8 | 11·3 | 18·5 | 25·9 | 16·7 | 76 | 36 | 82 | 12·0 | 8·8 | 11·7 | 0 | 3 | 0 | Calm | 0 | N | 3 | Calm | 0 | 0·0 | 1·0 |
| 3 | 61·5 | 59·6 | 60·3 | 26·2 | 12·4 | 19·1 | 25·9 | 18·6 | 78 | 43 | 80 | 12·8 | 10·5 | 12·7 | 0 | 4 | 5 | Calm | 0 | NE | 1 | Calm | 0 | 0·0 | 1·8 |
| 4 | 61·1 | 59.2 | 60·2 | 25·2 | 12·1 | 18·1 | 24·7 | 17·6 | 79 | 47 | 86 | 12·2 | 10·6 | 12·9 | 0 | 5 | 3 | N | 1 | N | 2 | N | 2 | 0·0 | 1·2 |
| 5 | 60·7 | 59·1 | 60·1 | 23·7 | 11·0 | 16·6 | 23·1 | 18·6 | 73 | 47 | 75 | 10·3 | 9·9 | 11·9 | 2 | 8 | 5 | Calm | 0 | N | 3 | N | 2 | 0·0 | 1·5 |
| 6 | 61·6 | 60·2 | 61·5 | 25·0 | 11·0 | 16·4 | 24·1 | 15·3 | 83 | 48 | 91 | 11·6 | 10·5 | 11·8 | 1 | 7 | 2 | SSW | 1 | NNE | 2 | Calm | 0 | 0·0 | 1·3 |
| 7 | 63·1 | 61·8 | 62·8 | 24·7 | 10·5 | 16·6 | 24·1 | 18·6 | 83 | 49 | 70 | 11·7 | 10·9 | 11·2 | 0 | 2 | 0 | Calm | 0 | N | 2 | N | 1 | 0·0 | 1·7 |
| 8 | 62·9 | 61·2 | 62·4 | 25·5 | 11·5 | 15·4 | 24·8 | 18·7 | 94 | 45 | 74 | 12·3 | 10 4 | 11·9 | 3 | 5 | 10 | Calm | 0 | N | 3 | Calm | 0 | 0·0 | 2·1 |
| 9 | 62·9 | 61·7 | 63·2 | 26·7 | 14·0 | 16·8 | 26·2 | 19·6 | 92 | 43 | 80 | 13·1 | 10·7 | 13·4 | 6 | 1 | 0 | NNW | 1 | NNE | 2 | NE | 2 | 0·0 | 2·1 |
| 10 | 64·1 | 62·0 | 63·5 | 25·2 | 13·0 | 17·1 | 24·6 | 18·1 | 94 | 47 | 70 | 13·6 | 10·5 | 10·8 | 8 | 5 | 6 | N | 1 | N | 2 | NE | 2 | 0·0 | 2·4 |
| 11 | 64·0 | 62·1 | 63·0 | 23·4 | 8·6 | 14·8 | 23·1 | 16·2 | 85 | 45 | 78 | 10·6 | 9·4 | 10·7 | 0 | 0 | 0 | N | 1 | N | 3 | Calm | 0 | 0·0 | 2·0 |
| 12 | 62·9 | 61·2 | 62·5 | 23·8 | 9·3 | 14·8 | 23·2 | 16·6 | 90 | 49 | 83 | 11·3 | 10·3 | 11·7 | 5 | 7 | 6 | Calm | 0 | NNE | 2 | Calm | 0 | 0·0 | 2·1 |
| 13 | 63·8 | 62·6 | 64·0 | 24·2 | 10·0 | 15·6 | 23·6 | 17·6 | 83 | 34 | 65 | 10·9 | 7·5 | 9·7 | 8 | 2 | 0 | N | 1 | NE | 2 | N | 2 | 0·0 | 3·2 |
| 14 | 63·6 | 61·4 | 61·3 | 24·0 | 8·8 | 13 5 | 23·5 | 17·0 | 83 | 43 | 83 | 9·5 | 9·3 | 11·9 | 0 | 0 | 0 | N | 2 | ENE | 4 | E | 2 | 0·0 | 2·9 |
| 15 | 60·0 | 58·3 | 58·4 | 26·0 | 7·4 | 11·0 | 25·0 | 14·1 | 99 | 37 | 88 | 9·7 | 8·8 | 10·5 | 5 | 3 | 6 | NNE | 1 | NNW | 1 | Calm | 0 | 0·0 | 2·0 |
| 16 | 59·3 | 58·8 | 60·6 | 24·7 | 8·7 | 15·6 | 23·6 | 14·1 | 62 | 44 | 88 | 8·3 | 9·6 | 10·5 | 2 | 5 | 0 | Calm | 0 | W | 2 | W | 1 | 0·0 | 2·1 |
| 17 | 62·4 | 61·1 | 61·3 | 25·2 | 11·5 | 16·6 | 23·5 | 16·6 | 78 | 57 | 93 | 11·0 | 12·3 | 13·0 | 8 | 5 | 0 | SSE | 1 | WNW | 1 | Calm | 0 | 0·0 | 1·1 |
| 18 | 61·5 | 60·0 | 61·1 | 25·3 | 12·2 | 17·5 | 24·3 | 14·7 | 87 | 49 | 90 | 12·9 | 11·0 | 11·2 | 3 | 8 | 0 | W | 1 | NW | 1 | NW | 1 | 0·0 | 1·3 |
| 19 | 61·2 | 59·4 | 60·1 | 25·9 | 10·0 | 15·1 | 24·6 | 15·5 | 77 | 30 | 76 | 9·9 | 6·8 | 9·9 | 8 | 2 | 0 | W | 1 | NW | 1 | Calm | 0 | 0·0 | 2·0 |
| 20 | 62·0 | 60·6 | 62·0 | 22·8 | 9·9 | 14·1 | 22·1 | 14·1 | 80 | 36 | 66 | 9.6 | 7·0 | 7·9 | 5 | 0 | 0 | SW | 2 | WSW | 3 | WSW | 1 | 0·0 | 3·7 |
| 21 | 63·8 | 62·1 | 62·7 | 23·6 | 10·2 | 14·1 | 23·2 | 15·4 | 72 | 50 | 91 | 8·5 | 10·6 | 11·9 | 2 | 6 | 8 | SW | 2 | SE | 1 | W | 1 | 0·0 | 1·2 |
| 22 | 62·3 | 60·1 | 60·5 | 24·2 | 10·0 | 15·2 | 23·2 | 16·1 | 87 | 50 | 88 | 11·2 | 10·6 | 12·0 | 2 | 8 | 10 | W | 1 | NW | 2 | NW | 2 | 1·3 | 1·5 |
| 23 | 59.7 | 57·9 | 59·1 | 19·2 | 12·0 | 14·1 | 17·9 | 16·4 | 88 | 79 | 85 | 10·5 | 12·1 | 11·8 | 3 | 10 | 0 | S | 3 | WSW | 5 | W | 4 | Drops | 1·9 |
| 24 | 61·0 | 60·0 | 62·1 | 22·2 | 12·0 | 14·1 | 21·8 | 14·1 | 87 | 47 | 86 | 10·4 | 9·1 | 10·2 | 7 | 8 | 0 | WSW | 1 | NW | 3 | WNW | 1 | Drops | 1·4 |
| 25 | 62·9 | 61·6 | 63·0 | 22·6 | 8·5 | 13·6 | 21·6 | 13·1 | 88 | 38 | 76 | 10·1 | 7·3 | 8·5 | 2 | 2 | 2 | SW | 1 | NW | 2 | W | 1 | 0·0 | 1·3 |
| 26 | 62·9 | 61·4 | 62·2 | 22·0 | 7·2 | 12·8 | 21·5 | 12·4 | 81 | 50 | 95 | 8·8 | 9·5 | 10·1 | 0 | 0 | 0 | SW | 1 | NW | 1 | Calm | 0 | 0·0 | 1·3 |
| 27 | 62·5 | 60·3 | 61·1 | 22·0 | 7·1 | 12·1 | 21·3 | 14·8 | 96 | 55 | 90 | 10·0 | 10·3 | 11·3 | 3 | 8 | 2 | WSW | 1 | NNW | 2 | NW | 1 | 0·0 | 1·2 |
| 28 | 61·1 | 58·8 | 59·6 | 21·2 | 8·0 | 12·6 | 20·1 | 12·1 | 93 | 54 | 94 | 10·1 | 9·4 | 9·8 | 0 | 3 | 2 | W | 1 | W | 3 | NW | 1 | 0·0 | 1·4 |
| 29 | 58·8 | 57·3 | 57·4 | 21·5 | 8·5 | 13·1 | 21·1 | 13·9 | 81 | 45 | 70 | 9·0 | 8·3 | 8·3 | 0 | 5 | 0 | Calm | 0 | SW | 3 | WSW | 1 | 0·0 | 3·4 |
| 30 | 58·9 | 58·4 | 59·7 | 21·5 | 11·1 | 13·6 | 20·5 | 14·8 | 79 | 52 | 80 | 9·1 | 9·3 | 9·9 | 7 | 9 | 2 | SW | 2 | SE | 1 | NW | 2 | 0·0 | 2·0 |
| Month | 61·81 | 60·26 | 61·21 | 24·0 | 10·3 | 15·2 | 23·2 | 16·0 | 84 | 46 | 82 | 10·8 | 9·7 | 11·0 | 3·1 | 4·4 | 2·3 | — | 0·9 | — | 2·2 | — | 1·0 | 1·3 | 1·87 |

**Remarks:**—3 < 20h.—4 20m.—22 < ● 19h.

$C_h = +2$ mm.

## December 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·2 | 60·2 | 60·7 | 20·6 | 10·0 | 13·6 | 19·8 | 17·1 | 76 | 49 | 64 | 8·8 | 8·4 | 9·3 | 10 | 10 | 10 | NE | 2 | NNE | 3 | NNW | 2 | Drops | 2·4 |
| 2 | 59·1 | 58·9 | 59·7 | 22·1 | 13·5 | 18·6 | 21·3 | 15·3 | 65 | 47 | 86 | 10·4 | 8·9 | 11·1 | 10 | 8 | 8 | SW | 3 | WSW | 1 | Calm | 0 | Drops | 3·4 |
| 3 | 60·9 | 59·9 | 61·4 | 20·1 | 10·6 | 12·2 | 19·8 | 13·6 | 72 | 39 | 93 | 7·6 | 6·6 | 10·7 | 4 | 3 | 6 | W | 2 | W | 4 | W | 1 | Drops | 3·2 |
| 4 | 62·8 | 62·2 | 63·6 | 21·1 | 10·5 | 12·8 | 20·6 | 13·6 | 86 | 44 | 82 | 9·3 | 7·9 | 9·5 | 2 | 2 | 0 | SW | 2 | NW | 2 | NW | 1 | 0·0 | 1·9 |
| 5 | 65·9 | 64·1 | 64·6 | 21·0 | 7·0 | 11·3 | 20·2 | 14·6 | 92 | 54 | 82 | 9·1 | 9·4 | 10·1 | 0 | 5 | 8 | W | 1 | NW | 3 | NW | 2 | 0·0 | 1·7 |
| 6 | 63·0 | 60·4 | 59·4 | 20·1 | 7·9 | 10·6 | 19·6 | 10·1 | 97 | 49 | 91 | 9·2 | 8·4 | 8·4 | 10 | 8 | 6 | W | 1 | WNW | 2 | Calm | 0 | 0·0 | 1·2 |
| 7 | 59·0 | 57·3 | 57·7 | 20·6 | 8·0 | 12·0 | 19.6 | 15·1 | 59 | 36 | 48 | 6·4 | 6·1 | 6·1 | 5 | 0 | 8 | WSW | 1 | W | 3 | WSW | 2 | 0·0 | 4·7 |
| 8 | 58·8 | 57·0 | 56·9 | 19·7 | 10·9 | 12·3 | 18·5 | 16·1 | 73 | 56 | 70 | 7·8 | 8·9 | 9·5 | 8 | 10 | 8 | SSW | 4 | SW | 5 | Calm | 0 | Drops | 2·5 |
| 9 | 56·8 | 54·7 | 55·6 | 20·4 | 11·2 | 13·1 | 20·1 | 13·6 | 74 | 25 | 52 | 8·3 | 4·3 | 6·0 | 1 | 0 | 0 | SSW | 2 | SE | 5 | SSW | 2 | 0·0 | 5·0 |
| 10 | 56·6 | 55·4 | 56·0 | 17·1 | 8·0 | 10·6 | 16·6 | 12·6 | 56 | 41 | 61 | 5 3 | 5·8 | 6·6 | 8 | 10 | 10 | SW | 2 | SW | 3 | SW | 2 | 0·0 | 3·2 |
| 11 | 56·9 | 56·8 | 58·1 | 16·0 | 7·9 | 9·3 | 15·0 | 14·0 | 61 | 60 | 81 | 5·3 | 7·6 | 9·6 | 10 | 10 | 10 | S | 4 | SW | 5 | S | 3 | Drops | 2·6 |
| 12 | 60·1 | 58·4 | 59·2 | 19·1 | 9·0 | 11·7 | 18·9 | 12·1 | 84 | 37 | 72 | 8·5 | 6·0 | 7·5 | 5 | 0 | 0 | SSE | 2 | SSW | 5 | Calm | 0 | 0·0 | 5·0 |
| 13 | 59·1 | 56·6 | 59·8 | 18·6 | 8·0 | 9·6 | 17·8 | 11·3 | 66 | 42 | 60 | 5·9 | 6·3 | 6·0 | 5 | 0 | 0 | SE | 2 | SW | 2 | Calm | 0 | Drops | 3·2 |
| 14 | 60·8 | 59·4 | 60·7 | 19·4 | 8·2 | 10·7 | 18·2 | 11·5 | 76 | 44 | 86 | 7·3 | 6·8 | 8·6 | 10 | 8 | 8 | S | 2 | SSW | 3 | SSW | 1 | 2·0 | 1·9 |
| 15 | 61.7 | 60·2 | 59·5 | 18·9 | 6·4 | 9·1 | 18·2 | 14·1 | 88 | 37 | 65 | 7·5 | 5·7 | 7·8 | 1 | 9 | 10 | S | 2 | WSW | 3 | WSW | 2 | Drops | 3·2 |
| 16 | 57·6 | 56·8 | 58·8 | 18·1 | 8·5 | 10·6 | 17·2 | 14·1 | 80 | 46 | 56 | 7·6 | 6·7 | 6·7 | 9 | 2 | 10 | SW | 2 | SW | 6 | W | 5 | Drops | 5·4 |
| 17 | 62·4 | 62·2 | 63·5 | 15·5 | 7·3 | 8·6 | 14·6 | 11·2 | 71 | 52 | 84 | 6·0 | 6.4 | 8·5 | 10 | 8 | 8 | WSW | 3 | W | 3 | W | 2 | Drops | 1·8 |
| 18 | 65·6 | 65·0 | 66·0 | 17·2 | 8·1 | 10·4 | 16·1 | 9·6 | 89 | 48 | 91 | 8·3 | 6·5 | 8·1 | 10 | 8 | 4 | SW | 1 | NW | 2 | WNW | 1 | 0·0 | 1·0 |
| 19 | 67·4 | 66·7 | 67·7 | 18·1 | 4·6 | 8·6 | 17·6 | 8·6 | 86 | 52 | 92 | 7·1 | 7·7 | 7·7 | 2 | 5 | 0 | WSW | 2 | NW | 2 | NW | 3 | 0·0 | 0·6 |
| 20 | 68·2 | 66·8 | 67·5 | 17·6 | 3·0 | 6·9 | 17·4 | 9·1 | 100 | 51 | 98 | 7·4 | 7·6 | 8·4 | 0 | 3 | 0 | NW | 1 | NNW | 3 | NW | 2 | 0·0 | 1·0 |
| 21 | 68·0 | 65·4 | 66·0 | 19·0 | 2·0 | 6·0 | 17·6 | 9·5 | 100 | 59 | 98 | 7·0 | 8·7 | 8·6 | 10 | 7 | 0 | WSW | 1 | W | 2 | W | 2 | 1·3 | 1·0 |
| 22 | 65·4 | 64·5 | 67·1 | 18·1 | 5·5 | 9·1 | 17·1 | 12·1 | 99 | 51 | 88 | 8·5 | 7·4 | 9·1 | 10 | 2 | 8 | SW | 2 | NW | 3 | NW | 2 | 0·6 | 0·8 |
| 23 | 69·4 | 68·9 | 69·9 | 18·1 | 5·6 | 8·6 | 17·7 | 8·7 | 96 | 48 | 91 | 8·0 | 7·1 | 7·6 | 3 | 3 | 0 | WNW | 1 | WSW | 2 | Calm | 0 | 0·0 | 1·1 |
| 24 | 70·8 | 69·9 | 69·8 | 18·5 | 2·6 | 6·0 | 18·3 | 9·1 | 93 | 43 | 84 | 6·9 | 6·6 | 7·2 | 3 | 0 | 0 | WSW | 1 | NW | 2 | NW | 2 | 0·0 | 1·4 |
| 25 | 69·6 | 67·8 | 67·7 | 20·6 | 1·5 | 3·1 | 20·0 | 7·6 | 98 | 40 | 98 | 5·7 | 6·9 | 7·6 | 10 | 0 | 0 | WNW | 2 | SE | 1 | NW | 2 | 0·0 | 1.0 |
| 26 | 68·0 | 66·1 | 65·8 | 21·5 | 1·7 | 5·9 | 21·3 | 8·2 | 88 | 41 | 91 | 6·1 | 7·6 | 7·3 | 0 | 0 | 0 | WSW | 1 | SW | 3 | SW | 2 | 0·0 | 2·6 |
| 27 | 66·0 | 64·5 | 65·8 | 21·1 | 3·2 | 7·1 | 20·3 | 14·1 | 84 | 61 | 97 | 6·3 | 10·8 | 11·6 | 8 | 0 | 8 | SW | 2 | W | 2 | NW | 2 | 0·0 | 2·0 |
| 28 | 67·3 | 65·2 | 65·9 | 17·9 | 7·0 | 12·1 | 17·2 | 9·2 | 82 | 59 | 98 | 8·5 | 8·6 | 8·4 | 10 | 0 | 0 | NW | 2 | NNW | 2 | NW | 3 | 0·0 | 1·4 |
| 29 | 64·2 | 62·6 | 63·0 | 19·4 | 4·0 | 6·1 | 18·1 | 9·6 | 90 | 53 | 91 | 6·3 | 8·2 | 8·1 | 0 | 10 | 0 | WNW | 1 | WSW | 1 | Calm | 0 | 0·0 | 1·7 |
| 30 | 62·8 | 62·2 | 64·1 | 24·2 | 5·8 | 10·6 | 24·0 | 10·1 | 71 | 27 | 91 | 6·7 | 6·1 | 8·4 | 7 | 4 | 0 | SW | 2 | SW | 3 | NW | 1 | 0·0 | 3·1 |
| 31 | 66·0 | 63·6 | 64·1 | 22·8 | 4·0 | 7·1 | 22·1 | 13·6 | 91 | 39 | 82 | 6·9 | 7·7 | 9·5 | 0 | 0 | 0 | W | 2 | NW | 2 | NW | 1 | 0·0 | 1·4 |
| Month | 63·27 | 61·99 | 62·76 | 19·4 | 6·8 | 9·8 | 18·7 | 11·9 | 82 | 46 | 81 | 7·4 | 7·2 | 8·4 | 5·8 | 4·4 | 4·2 | — | 1·9 | — | 2·8 | — | 1·5 | 3·9 | 2·34 |

**Remarks:**—18 ⌒ 19h.—21 ≈ N.—22 < 19m.—25 ≈ 7m.—30 ≈ 19h.—31 ≈ 7m.

# TOR.

$\varphi = 28° 13' 30''$ N. $\lambda = 33° 37'$ E. H = 1·9 m. $h_t$ = 1·9 m.

$C_h$ = + 0·2 mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 67·0 | 64·1 | 63·7 | 21·6 | 7·1 | 10·2 | 18·0 | 16·4 | 60 | 82 | 53 | 5·6 | 12·6 | 7·3 | 0 | 0 | 0 | NNE | 12 | WNW | 33 | N | 16 | — | 6·6 |
| 2 | 63·1 | 63·1 | 64·7 | 20·7 | 9·8 | 14·3 | 16·6 | 15·0 | 50 | 64 | 58 | 6·1 | 9·0 | 7·4 | 0 | 0 | 0 | NNW | 37 | NW | 50 | NNW | 25 | — | 9·9 |
| 3 | 66·2 | 65·3 | 66·5 | 20·5 | 7·6 | 11·9 | 18·4 | 12·2 | 53 | 63 | 57 | 5·4 | 9·9 | 6·1 | 0 | 0 | 0 | NNE | 8 | NW | 41 | NNW | 8 | — | 3·5 |
| 4 | 66·6 | 65·0 | 65·6 | 20·1 | 5·3 | 6·5 | 18·4 | 11·5 | 78 | 63 | 77 | 5·6 | 9·9 | 7·8 | 1 | 0 | 0 | N | 16 | NW | 25 | N | 4 | — | 3·4 |
| 5 | 66·6 | 63·5 | 64·4 | 19·6 | 6·1 | 8·5 | 19·0 | 14·4 | 69 | 63 | 63 | 5·7 | 10·4 | 7·7 | 0 | 1 | 0 | NNE | 16 | WNW | 25 | N | 12 | — | 2·6 |
| 6 | 63·1 | 63·2 | 61·3 | 20·4 | 8·2 | 12·0 | 19·6 | 18·8 | 67 | 71 | 64 | 7·0 | 12·0 | 10·4 | 4 | 6 | 2 | NNW | 8 | WNW | 25 | NW | 41 | — | 4·9 |
| 7 | 59·8 | 57·7 | 58·9 | 20·4 | 8·2 | — | 20·0 | 17·1 | — | 60 | 64 | — | 10·5 | 9·3 | 0 | 0 | 0 | N | 12 | WNW | 41 | NW | 29 | — | 9·7 |
| 8 | 61·3 | 62·8 | 62·4 | 19·6 | — | 13·8 | 19·6 | 15·0 | 58 | 71 | 63 | 6·7 | 12·0 | 8·0 | 0 | 0 | 0 | NW | 37 | WNW | 33 | NW | 29 | — | 11·1 |
| 9 | 65·0 | 63·0 | 64·2 | 17·6 | 10·5 | 10·5 | 16·6 | 12·4 | 63 | 73 | 68 | 5·9 | 10·3 | 7·2 | 0 | 0 | 0 | NNE | 12 | WNW | 37 | N | 12 | — | 5·9 |
| 10 | 65·4 | 62·8 | 62·9 | 19·2 | 6·6 | 9·3 | 18·7 | 16·5 | 58 | 61 | 60 | 5·1 | 9·9 | 8·4 | 0 | 0 | 1 | NNE | 12 | NNW | 12 | NW | 4 | — | 4·7 |
| 11 | 61·9 | 58·9 | 65·0 | 21·6 | 8·9 | 15·2 | 21·1 | 15·5 | 72 | 65 | 77 | 9·3 | 11·9 | 10·1 | 6 | 6 | 2 | E | 12 | S | 29 | N | 8 | — | 6·0 |
| 12 | 61·4 | 60·1 | 60·9 | 19·8 | 11·8 | 12·5 | 18·6 | 15·6 | 68 | 61 | 48 | 7·3 | 9·8 | 6·3 | 0 | 0 | 1 | N | 4 | WNW | 33 | NNW | 8 | — | 6·3 |
| 13 | 63·0 | 62·6 | 63·3 | 19·1 | 5·6 | 11·6 | 18·5 | 14·9 | 55 | 60 | 47 | 5·6 | 9·4 | 5·8 | 0 | 0 | 0 | NNE | 16 | WNW | 29 | N | 12 | — | 4·0 |
| 14 | 65·5 | 62·8 | 63·7 | 20·4 | 9·0 | 13·9 | 19·0 | 18·3 | 57 | 58 | 48 | 6·7 | 9·6 | 7·5 | 0 | 0 | 0 | N | 8 | WNW | 37 | NW | 21 | — | 5·4 |
| 15 | 63·8 | 59·1 | 62·0 | 21·6 | 7·2 | 9·8 | 20·5 | 15·0 | 69 | 55 | 68 | 6·3 | 9·9 | 8·6 | 1 | 0 | 2 | NE | 12 | NNW | 16 | N | 8 | — | 2·3 |
| 16 | 61·6 | 59·9 | 61·0 | 18·2 | 5·6 | 7·0 | 17·8 | 13·5 | 79 | 63 | 68 | 6·0 | 9·6 | 7·8 | 1 | 1 | 0 | NNE | 8 | WNW | 29 | N | 4 | — | 2·7 |
| 17 | 62·0 | 61·1 | 62·8 | 20·0 | 6·6 | 10·8 | 19·0 | 13·2 | 73 | 52 | 55 | 7·2 | 8·5 | 6·3 | 7 | 2 | 1 | N | 4 | NW | 12 | N | 8 | — | 3·7 |
| 18 | 66·1 | 65·5 | 65·1 | 19·2 | 9·0 | 10·0 | 18·5 | 16·3 | 75 | 58 | 43 | 6·9 | 9·2 | 6·0 | 2 | 3 | 1 | Calm | 0 | W | 45 | NW | 8 | — | 5·8 |
| 19 | 69·0 | 67·7 | 68·0 | 19·5 | 7·0 | 11·1 | 18·0 | 14·0 | 58 | 66 | 73 | 5·7 | 10·2 | 8·6 | 1 | 8 | 1 | NNE | 4 | WNW | 29 | N | 1 | — | 4·3 |
| 20 | 67·9 | 65·3 | 66·1 | 20·0 | 5·5 | 7·5 | 19·5 | 13·0 | 73 | 68 | 70 | 5·7 | 11·4 | 7·8 | 0 | 0 | 0 | N | 12 | WNW | 37 | NNE | 4 | — | 4·9 |
| 21 | 66·4 | 64·8 | 65·2 | 21·0 | 5·2 | 7·5 | 20·3 | 15·0 | 69 | 57 | 83 | 5·3 | 10·2 | 10·5 | 0 | 0 | 0 | NNE | 12 | WNW | 12 | N | 4 | — | 3·5 |
| 22 | 65·0 | 62·4 | 62·8 | 20·8 | 6·4 | 9·5 | 20·2 | 16·0 | 70 | 71 | 61 | 6·2 | 12·5 | 8·3 | 0 | 1 | 0 | NNE | 8 | WNW | 16 | N | 4 | — | 3·0 |
| 23 | 62·8 | 61·7 | 62·1 | 20·0 | 8·4 | 13·0 | 19·0 | 13·8 | 67 | 75 | 63 | 7·5 | 12·3 | 7·5 | 8 | 8 | 7 | NNE | 4 | WNW | 25 | N | 8 | — | 4·4 |
| 24 | 63·3 | 62·3 | 64·6 | 23·1 | 6·0 | 9·5 | 22·4 | 17·3 | 72 | 52 | 55 | 6·4 | 10·3 | 8·0 | 1 | 1 | 0 | NNE | 8 | NNW | 12 | NNW | 41 | — | 9·0 |
| 25 | 65·6 | 64·9 | 66·1 | 18·6 | 9·2 | 15·0 | 18·0 | 16·7 | 59 | 70 | 56 | 7·5 | 10·7 | 8·0 | 1 | 0 | 0 | NW | 21 | WNW | 41 | NNW | 21 | — | 9·0 |
| 26 | 66·4 | 64·6 | 65·4 | 18·3 | 8·8 | 11·0 | 17·5 | 13·0 | 65 | 68 | 74 | 6·4 | 10·2 | 8·2 | 0 | 0 | 0 | NNE | 12 | WNW | 41 | NNW | 4 | — | 3·9 |
| 27 | 65·3 | 63·1 | 63·5 | 19·9 | 6·1 | 8·0 | 19·0 | 12·8 | 64 | 52 | 62 | 5·2 | 8·6 | 6·9 | 0 | 0 | 0 | N | 12 | NW | 16 | N | 4 | — | 3·5 |
| 28 | 62·7 | 61·6 | 63·1 | 19·8 | 6·0 | 10·0 | 19·0 | 17·5 | 62 | 63 | 59 | 5·7 | 10·4 | 8·7 | 0 | 0 | 0 | NNE | 16 | WNW | 41 | NNW | 25 | — | 9·6 |
| 29 | 66·2 | 64·7 | 65·1 | 20·0 | 7·8 | 11·7 | 18·2 | 15·1 | 62 | 64 | 46 | 6·4 | 10·0 | 5·8 | 0 | 0 | 0 | N | 12 | WNW | 29 | N | 12 | — | 5·6 |
| 30 | 64·0 | 61·9 | 62·7 | 20·0 | 9·1 | 11·0 | 18·5 | 17·6 | 68 | 55 | 41 | 6·6 | 8·6 | 6·0 | 6 | 2 | 0 | NNE | 12 | WNW | 41 | WNW | 21 | — | 9·0 |
| 31 | 63·0 | 62·0 | 62·8 | 21·7 | 8·5 | 10·6 | 19·0 | 19·0 | 68 | 72 | 48 | 6·4 | 11·7 | 7·8 | 0 | 0 | 0 | NNE | 12 | NW | 37 | NNW | 25 | — | 8·0 |
| Month | 64·42 | 62·82 | 63·74 | 20·1 | 7·6 | 10·8 | 18·9 | 15·2 | 65 | 64 | 60 | 6·3 | 10·4 | 7·7 | 1·3 | 1·3 | 0·6 | — | 12·2 | — | 30·0 | — | 13·9 | — | 5·68 |

**Remarks**:—2 ● 4h.—10 ●° 21h30.—17 ● 22h15–22h35.

$C_h$ = + 0·2 mm.

## February 1913.

| Date | 8 h. (700 +) | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63·0 | 61·6 | 62·9 | 22·3 | 8·6 | 12·0 | 19·6 | 19·5 | 65 | 69 | 52 | 6·8 | 11·6 | 8·7 | 0 | 1 | 2 | N | 16 | WNW | 50 | NW | 25 | — | 12·6 |
| 2 | 65·0 | 63·5 | 64·0 | 19·5 | 11·5 | 13·5 | 16·7 | 16·1 | 63 | 72 | 59 | 7·3 | 10·3 | 7·9 | 0 | 0 | 0 | NW | 28 | W | 62 | NNW | 37 | — | 9·0 |
| 3 | 64·8 | 63·7 | 63·9 | 20·0 | 6·8 | 9·0 | 18·5 | 15·0 | 62 | 71 | 58 | 5·3 | 11·3 | 7·4 | 0 | 0 | 0 | N | 12 | NW | 29 | N | 12 | — | 3·4 |
| 4 | 63·2 | 59·4 | 60·7 | 18·2 | 5·5 | 8·0 | 17·5 | 15·0 | 64 | 62 | 53 | 5·2 | 9·2 | 6·8 | 2 | 8 | 4 | NNE | 12 | N | 29 | NNW | 8 | — | 4·9 |
| 5 | 61·0 | 59·9 | 61·0 | 20·2 | 7·4 | 15·7 | 19·5 | 16·4 | 50 | 47 | 52 | 6·6 | 7·9 | 7·2 | 1 | 5 | 2 | NNW | 25 | WNW | 33 | NW | 29 | — | 7·3 |
| 6 | 63·4 | 63·0 | 65·2 | 20·4 | 7·9 | 11·6 | 18·7 | 14·4 | 59 | 60 | 81 | 6·1 | 9·7 | 9·8 | 0 | 0 | 0 | N | 12 | WNW | 25 | N | 12 | — | 3·6 |
| 7 | 67·4 | 66·8 | 66·2 | 19·7 | 6·6 | 9·0 | 19·4 | 15·5 | 61 | 51 | 59 | 5·2 | 8·6 | 7·7 | 0 | 0 | 0 | NNE | 4 | NW | 16 | N | 8 | — | 4·3 |
| 8 | 66·8 | 63·9 | 64·9 | 19·9 | 6·2 | 8·5 | 19·2 | 13·4 | 50 | 54 | 34 | 4·1 | 8·9 | 3·9 | 0 | 0 | 0 | NNE | 8 | WNW | 21 | N | 8 | — | 5·0 |
| 9 | 63·7 | 61·8 | 61·2 | 21·0 | 6·6 | 10·4 | 17·8 | 17·7 | 38 | 67 | 69 | 3·6 | 10·1 | 10·5 | 8 | 8 | 2 | NNE | 8 | WNW | 12 | N | 25 | — | 4·6 |
| 10 | 60·8 | 60·1 | 59·3 | 20·5 | 6·0 | 11·5 | 19·5 | 16·0 | 53 | 57 | 47 | 5·3 | 9·7 | 6·4 | 0 | 1 | 0 | N | 4 | WNW | 16 | NNW | 12 | — | 4·9 |
| 11 | 60·0 | 60·0 | 59·5 | 18·7 | 7·9 | 16·0 | 17·8 | 17·1 | 55 | 68 | 39 | 7·4 | 10·3 | 5·6 | 0 | 1 | 1 | NW | 21 | W | 41 | W | 16 | — | 5·2 |
| 12 | 59·7 | 58·1 | 58·2 | 22·0 | 7·4 | 11·7 | 19·4 | 15·2 | 68 | 53 | 46 | 6·9 | 8·9 | 5·9 | 0 | 1 | 1 | NNE | 4 | NW | 8 | N | 4 | — | 5·6 |
| 13 | 58·3 | 56·2 | 55·1 | 20·7 | 7·4 | 10·5 | 20·5 | 17·9 | 53 | 52 | 59 | 5·1 | 9·3 | 9·0 | 9 | 8 | 10 | N | 16 | SE | 37 | SE | 37 | — | 5·3 |
| 14 | 54·0 | 54·0 | 55·9 | 21·0 | 10·0 | 18·5 | 19·7 | 18·5 | 85 | 50 | 42 | 13·5 | 8·4 | 6·5 | 9 | 10 | 10 | SE | 8 | WNW | 33 | NNW | 8 | — | 6·8 |
| 15 | 66·7 | 60·5 | 66·5 | 19·5 | 8·0 | 11·7 | 18·0 | 13·4 | 37 | 71 | 29 | 3·8 | 10·9 | 3·3 | 0 | 4 | 2 | N | 8 | NW | 16 | NNW | 8 | — | 7·0 |
| 16 | 62·3 | 60·6 | 61·1 | 22·6 | 6·2 | 19·0 | 21·0 | 18·6 | 67 | 43 | 45 | 10·9 | 7·9 | 7·1 | 0 | 0 | 0 | N | 12 | NNE | 4 | NE | 25 | — | 7·0 |
| 17 | 61·6 | 60·0 | 61·9 | 19·2 | 8·6 | 16·5 | 17·0 | 16·3 | 41 | 74 | 43 | 5·6 | 10·6 | 5·8 | 0 | 1 | 2 | W | 37 | NNW | 29 | NW | 37 | — | 10·4 |
| 18 | 63·9 | 62·1 | 62·6 | 18·4 | 7·5 | 10·3 | 17·2 | 15·1 | 54 | 50 | 40 | 5·1 | 7·3 | 5·1 | 0 | 0 | 0 | N | 4 | WNW | 25 | NNW | 21 | — | 7·4 |
| 19 | 63·3 | 62·0 | 65·1 | 19·1 | 8·2 | 15·1 | 17·5 | 16·1 | 52 | 62 | 51 | 6·7 | 9·2 | 6·8 | 3 | 2 | 0 | NNE | 16 | WNW | 21 | NNW | 16 | — | 8·1 |
| 20 | 64·8 | 63·9 | 64·0 | 22·0 | 6·9 | 11·1 | 20·6 | 16·4 | 66 | 53 | 61 | 6·5 | 9·6 | 8·6 | 0 | 1 | 0 | N | 8 | NW | 12 | NW | 4 | — | 4·2 |
| 21 | 65·9 | 63·9 | 64·7 | 22·0 | 7·6 | 10·3 | 20·0 | 17·0 | 49 | 55 | 64 | 4·6 | 9·6 | 9·3 | 0 | 0 | 0 | NNE | 12 | W | 41 | ENE | 16 | — | 4·7 |
| 22 | 65·9 | 64·6 | 63·2 | 23·2 | 7·6 | 13·6 | 22·7 | 16·6 | 54 | 48 | 59 | 6·3 | 9·7 | 8·3 | 0 | 0 | 0 | NNE | 12 | NNW | 8 | NNW | 8 | — | 3·7 |
| 23 | 62·0 | 57·5 | 57·9 | 26·8 | 9·8 | 13·5 | 26·5 | 20·0 | 51 | 30 | 64 | 5·9 | 7·7 | 11·1 | 0 | 0 | 0 | NNE | 16 | SSE | 45 | SE | 25 | — | 8·9 |
| 24 | 59·5 | 58·5 | 59·7 | 26·1 | 13·4 | 19·9 | 20·5 | 21·0 | 75 | 50 | 45 | 13·0 | 8·9 | 8·3 | 5 | 2 | 2 | WNW | 12 | NW | 16 | NW | 16 | — | 9·8 |
| 25 | 62·6 | 61·8 | 62·2 | 22·6 | 12·9 | 17·6 | 21·0 | 18·0 | 63 | 45 | 55 | 9·4 | 8·3 | 8·4 | 0 | 0 | 0 | NW | 16 | WNW | 29 | NNW | 25 | — | 8·5 |
| 26 | 63·5 | 61·8 | 62·1 | 20·7 | 9·3 | 15·2 | 20·0 | 19·4 | 51 | 52 | 51 | 6·6 | 8·9 | 8·6 | 0 | 0 | 0 | N | 16 | W | 41 | NW | 37 | — | 9·9 |
| 27 | 64·4 | 62·3 | 62·7 | 20·5 | 11·7 | 15·5 | 18·5 | 18·7 | 65 | 70 | 60 | 8·6 | 11·0 | 9·7 | 0 | 0 | 0 | N | 4 | WNW | 62 | NW | 12 | — | 8·5 |
| 28 | 63·4 | 62·1 | 62·9 | 18·7 | 12·0 | 16·5 | 18·2 | 17·3 | 65 | 73 | 63 | 9·0 | 11·3 | 9·2 | 1 | 0 | 0 | N | 21 | NW | 50 | NNW | 12 | — | 6·2 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Month | 62·89 | 61·20 | 61·95 | 20·9 | 8·4 | 13·3 | 19·4 | 16·8 | 58 | 57 | 53 | 6·8 | 9·5 | 7·6 | 1·4 | 1·9 | 1·4 | — | 13·3 | — | 29·0 | — | 18·0 | — | 6·67 |

**Remarks**:—2 ☍.—14 ●° 2h.

# TOR.

$\varphi = 28^\circ\ 13'\ 30''$ N. $\lambda = 33^\circ\ 37'$ E. H = 1·9 m. $h_t$ = 1·9 m.

$C_h$ = + 0·2 mm.

## March 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 30 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Vel. | Wind 14 h. Direct. | Vel. | Wind 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63·3 | 61·3 | 60·8 | 21·4 | 8·0 | 12·2 | 20·6 | 15·2 | 59 | 59 | 63 | 6·2 | 10·7 | 8·1 | 0 | 0 | 0 | N | 8 | NW | 12 | Calm | 0 | — | 3·4 |
| 2 | 60·8 | 57·8 | 58·3 | 25·0 | 7·2 | 12·0 | 24·5 | 19·2 | 47 | 36 | 59 | 4·9 | 8·3 | 9·9 | 5 | 9 | 8 | N | 12 | SSE | 37 | SE | 4 | — | 6·4 |
| 3 | 57·0 | 57·0 | 57·1 | 25·5 | 12·0 | 16·7 | 25·0 | 20·6 | 50 | 25 | 39 | 7·1 | 5·9 | 7·1 | 7 | 6 | 8 | N | 12 | NW | 16 | NNW | 33 | — | 5·7 |
| 4 | 61·3 | 60·5 | 62·1 | 20·8 | 11·0 | 12·4 | 14·5 | 13·2 | 42 | 47 | 43 | 4·5 | 5·7 | 4·9 | 8 | 6 | 8 | NNW | 37 | NW | 25 | NNW | 25 | — | 10·1 |
| 5 | 63·3 | 62·8 | 62·8 | 16·8 | 11·1 | 12·5 | 15·2 | 15·0 | 51 | 71 | 51 | 5·5 | 9·2 | 6·5 | 2 | 0 | 0 | NNW | 29 | WNW | 41 | NNW | 21 | — | 5·1 |
| 6 | 62·8 | 61·3 | 62·1 | 18·2 | 5·0 | 9·9 | 17·1 | 16·7 | 57 | 74 | 49 | 5·2 | 10·7 | 6·8 | 2 | 0 | 3 | N | 16 | WNW | 33 | NNW | 33 | — | 6·9 |
| 7 | 62·8 | 62·8 | 63·9 | 19·5 | 9·5 | 14·9 | 18·3 | 17·2 | 54 | 64 | 63 | 6·8 | 10·1 | 9·1 | 1 | 2 | 3 | NNW | 41 | W | 41 | NNW | 41 | — | 8·1 |
| 8 | 66·9 | 65·1 | 64·5 | 19·8 | 6·5 | 11·7 | 19·0 | 17·7 | 56 | 46 | 56 | 5·8 | 7·5 | 8·4 | 1 | 1 | 1 | NNE | 4 | W | 16 | NW | 21 | — | 6·1 |
| 9 | 63·8 | 62·9 | 61·6 | 20·5 | 7·0 | 11·7 | 18·5 | 18·4 | 62 | 55 | 35 | 6·4 | 8 8 | 5·4 | 0 | 0 | 0 | N | 12 | N | 12 | N | 12 | — | 10·7 |
| 10 | 62·1 | 61·1 | 61·6 | 20·3 | 11·6 | 17·0 | 19·2 | 17·9 | 38 | 68 | 54 | 5·5 | 11·3 | 8·2 | 1 | 0 | 0 | N | 16 | WNW | 41 | N | 12 | — | 6·9 |
| 11 | 63·1 | 62·5 | 62·1 | 23·2 | 7·0 | 12·0 | 21·3 | 19·0 | 53 | 55 | 63 | 5·5 | 10·3 | 10·4 | 1 | 4 | 2 | N | 12 | NW | 4 | NW | 21 | — | 6·6 |
| 12 | 62·0 | 60·5 | 60·9 | 23·2 | 8·6 | 13·8 | 19·0 | 19·4 | 59 | 68 | 35 | 6·9 | 11·1 | 5·8 | 4 | 8 | 8 | N | 12 | NW | 33 | NNW | 21 | — | 13·0 |
| 13 | 63·5 | 62·6 | 63·7 | 19·5 | 13·5 | 15·6 | 17·5 | 17·6 | 54 | 65 | 50 | 7·1 | 9·6 | 7·4 | 1 | 1 | 0 | NW | 29 | NW | 50 | NW | 25 | — | 13·4 |
| 14 | 65·1 | 62·9 | 63·9 | 20·6 | 14·0 | 16·1 | 18·4 | 17·5 | 55 | 68 | 43 | 7·5 | 10·8 | 6·4 | 1 | 0 | 0 | NNW | 21 | WNW | 54 | WNW | 25 | — | 9·6 |
| 15 | 65·8 | 64·4 | 63·6 | 19·0 | 7·6 | 11·5 | 17·2 | 18·6 | 54 | 64 | 28 | 5·4 | 9·4 | 4·5 | 0 | 0 | 0 | N | 4 | WNW | 50 | WNW | 33 | — | 9·5 |
| 16 | 66·2 | 65·0 | 63·8 | 19·7 | 8·0 | 10·2 | 18·0 | 16·8 | 48 | 66 | 73 | 4·5 | 10·2 | 10·3 | 0 | 0 | 0 | NNE | 4 | NW | 29 | NNW | 4 | — | 5·6 |
| 17 | 64·0 | 61·6 | 60·6 | 20·5 | 6·5 | 12·0 | 19·7 | 14·9 | 45 | 61 | 42 | 4·7 | 10·5 | 5·3 | 2 | 3 | 2 | NNE | 8 | NW | 25 | NW | 8 | — | 6·8 |
| 18 | 64·6 | 61·2 | 57·5 | 23·7 | 6·4 | 12·2 | 20·6 | 19·0 | 32 | 60 | 23 | 3·4 | 10·9 | 3·7 | 0 | 0 | 0 | N | 8 | NW | 12 | N | 8 | — | 8·4 |
| 19 | 61·3 | 61·1 | 62·2 | 20·5 | 10·5 | 17·5 | 19·8 | 19·7 | 48 | 61 | 24 | 7·1 | 10.5 | 4·0 | 0 | 0 | 0 | NW | 25 | WNW | 41 | NNW | 29 | — | 14·6 |
| 20 | 64·3 | 62·7 | 62·8 | 19·8 | 13·2 | 17·5 | 18·0 | 19·0 | 35 | 70 | 52 | 5·2 | 10·7 | 8·5 | 0 | 0 | 0 | NW | 29 | WNW | 50 | NW | 29 | — | 10·7 |
| 21 | 63·6 | 61·4 | 61·7 | 23·5 | 10·6 | 16·4 | 19·5 | 21·5 | 49 | 69 | 18 | 6·8 | 11·5 | 3·4 | 0 | 0 | 0 | NNW | 4 | WNW | 62 | NNW | 45 | — | 13·4 |
| 22 | 63·3 | 62·0 | 61·2 | 21·3 | 9·0 | 16·1 | 19·4 | 17·5 | 46 | 68 | 56 | 6·2 | 11·5 | 8·3 | 0 | 0 | 0 | NNE | 4 | WNW | 33 | NNW | 8 | — | 4·6 |
| 23 | 62·0 | 60·4 | 60·8 | 22·7 | 8·3 | 15·5 | 22·0 | 16·5 | 56 | 62 | 51 | 7·3 | 12·1 | 7·1 | 0 | 0 | 0 | Calm | 0 | NW | 16 | NNW | 4 | — | 5·0 |
| 24 | 62·1 | 60·7 | 61·1 | 26·5 | 9·0 | 17·4 | 24·7 | 18·3 | 42 | 39 | 34 | 6·2 | 9·1 | 5·3 | 0 | 1 | 1 | NNE | 4 | NNW | 8 | NNW | 8 | — | 6·4 |
| 25 | 61·8 | 59·8 | 60·2 | 27·2 | 10·6 | 18·0 | 23·1 | 19·4 | 55 | 77 | 70 | 8·4 | 16·2 | 11·8 | 0 | 0 | 0 | NNE | 4 | WNW | 16 | Calm | 0 | — | 4·1 |
| 26 | 60·6 | 58·8 | 58·9 | 26·5 | 13·9 | 20·5 | 24·9 | 24·0 | 77 | 71 | 57 | 13·8 | 16·6 | 12·6 | 1 | 6 | 3 | N | 8 | NW | 8 | SE | 21 | — | 4·2 |
| 27 | 58·4 | 56·8 | 57·7 | 24·7 | 19·1 | 23·5 | 24·2 | 22·2 | 70 | 63 | 84 | 14·9 | 14·1 | 16·7 | 1 | 4 | 1 | Calm | 0 | NW | 4 | SSE | 12 | — | 1·0 |
| 28 | 59·1 | 58·3 | 59·2 | 24·1 | 16·1 | 20·0 | 23·0 | 21·4 | 99 | 70 | 83 | 17·2 | 14·6 | 15·7 | 6 | 2 | 1 | W | 4 | NW | 12 | SE | 21 | — | 1·7 |
| 29 | 61·0 | 59·3 | 59·7 | 25·0 | 16·0 | 19·5 | 24·4 | 22·0 | 82 | 72 | 87 | 13·8 | 16·4 | 17·0 | 10 | 10 | 7 | NE | 12 | N | 8 | N | 12 | — | 2·2 |
| 30 | 58·4 | 56·0 | 55·8 | 30·5 | 16·1 | 22·8 | 29·5 | 25·0 | 60 | 36 | 43 | 12·4 | 11·2 | 10·1 | 9 | 8 | 8 | N | 4 | SE | 45 | SSE | 41 | — | 9·4 |
| 31 | 56·8 | 56·5 | 57·3 | 25·5 | 18·6 | 20·6 | 22·3 | 21.7 | 57 | 54 | 66 | 10·3 | 10·7 | 12·6 | 2 | 2 | 0 | NW | 16 | NW | 45 | NNW | 16 | — | 11·1 |
| Month | 62·29 | 60·87 | 60·94 | 22·4 | 10·7 | 15·5 | 20·6 | 18·8 | 55 | 60 | 51 | 7·5 | 10·8 | 8·4 | 2·1 | 2·4 | 2·1 | — | 12·9 | — | 28·4 | — | 19·1 | — | 7·44 |

**Remarks:**—28 < NE $19^{30}$.

$C_h$ = + 0·2 mm.

## April 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 30 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Vel. | Wind 14 h. Direct. | Vel. | Wind 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·4 | 57·9 | 58·7 | 27·1 | 18·1 | 19·6 | 22·5 | 21·7 | 67 | 67 | 45 | 11·3 | 13·6 | 8·6 | 0 | 1 | 1 | NW | 29 | NW | 12 | NNW | 16 | — | 5·6 |
| 2 | 60·7 | 58·8 | 58·7 | 24·7 | 12·5 | 18·8 | 24·4 | 20·8 | 56 | 58 | 62 | 9·0 | 13·2 | 11·3 | 1 | 1 | 1 | ENE | 4 | NW | 12 | NNW | 12 | — | 6·2 |
| 3 | 57·7 | 56·3 | 57·2 | 26·5 | 15·5 | 21·0 | 23·0 | 21·0 | 65 | 61 | 79 | 12·0 | 12 8 | 14·6 | 1 | 0 | 0 | N | 12 | S | 29 | SE | 12 | — | 5·0 |
| 4 | 59·4 | 57·5 | 59·7 | 26·3 | 15·2 | 20·5 | 23·8 | 22·0 | 66 | 46 | 46 | 11·8 | 10·0 | 9·0 | 2 | 1 | 1 | NW | 33 | NW | 29 | NNW | 21 | — | 12·4 |
| 5 | 61·4 | 60·9 | 60·5 | 23·0 | 17·1 | 18·1 | 20·7 | 20·4 | 64 | 63 | 34 | 10·0 | 11·4 | 6·1 | 1 | 0 | 0 | NNW | 25 | WNW | 41 | NNW | 12 | — | 11·2 |
| 6 | 60·7 | 58·9 | 59·2 | 23·0 | 16·6 | 20·6 | 22·2 | 22·8 | 50 | 59 | 54 | 9·0 | 11·7 | 11·2 | 1 | 1 | 2 | NW | 25 | NW | 33 | NW | 12 | — | 8·1 |
| 7 | 59·1 | 57·0 | 56·3 | 27·7 | 11·0 | 19·2 | 25·0 | 21·5 | 46 | 62 | 58 | 7·5 | 14·7 | 11·0 | 0 | 0 | 0 | N | 4 | S | 8 | SE | 25 | — | 6·9 |
| 8 | 56·6 | 55·6 | 56·3 | 28·7 | 16·9 | 23·7 | 27·2 | 21·9 | 40 | 31 | 37 | 8·8 | 8·2 | 7·2 | 1 | 8 | 6 | SE | 16 | SE | 41 | SSE | 4 | — | 9·9 |
| 9 | 58·3 | 58·2 | 59·4 | 25·5 | 18·0 | 20·8 | 23·5 | 22·5 | 81 | 56 | 60 | 14·8 | 12·0 | 12·0 | 2 | 9 | 1 | NNW | 25 | WNW | 25 | NNW | 33 | — | 8·4 |
| 10 | 60·5 | 59·1 | 58·7 | 24·0 | 13·4 | 19·8 | 22·5 | 20·5 | 67 | 65 | 77 | 11·5 | 13·1 | 13·8 | 0 | 0 | 0 | NW | 37 | WNW | 33 | NNW | 12 | — | 6·4 |
| 11 | 58·5 | 56·3 | 55·7 | 26·5 | 10·2 | 19·1 | 24·0 | 18·6 | 46 | 60 | 51 | 7·5 | 13·3 | 8·0 | 2 | 6 | 2 | W | 4 | WNW | 21 | W | 8 | — | 7·5 |
| 12 | 55·6 | 53·8 | 56·0 | 34·4 | 13·8 | 23·5 | 32·5 | 25·5 | 65 | 20 | 44 | 13·9 | 7·4 | 10·6 | 8 | 8 | 10 | ENE | 25 | SSE | 21 | SE | 21 | — | 7·5 |
| 13 | 58.2 | 57·2 | 58·6 | 28·2 | 17·5 | 21·1 | 25·0 | 22·5 | 81 | 64 | 74 | 15·1 | 15·2 | 15·0 | 5 | 8 | 5 | WNW | 33 | NW | 16 | NNW | 29 | — | 3·3 |
| 14 | 60·3 | 58·9 | 58·6 | 28·5 | 14·1 | 21·4 | 26·2 | 25·4 | 78 | 43 | 28 | 14·7 | 10·7 | 6·5 | 0 | 1 | 0 | NW | 29 | NW | 37 | NNW | 4 | — | 4·2 |
| 15 | 59·3 | 57·2 | 57·4 | 33·5 | 13·0 | 22·0 | 30·2 | 24·5 | 70 | 36 | 62 | 13·7 | 11·5 | 14·1 | 0 | 0 | 3 | NW | 21 | NW | 4 | SE | 8 | — | 6·4 |
| 16 | 58·2 | 57·3 | 57·8 | 36·4 | 18·6 | 25·6 | 36·0 | 24·6 | 68 | 15 | 65 | 16·5 | 6·7 | 14·9 | 8 | 2 | 3 | Calm | 0 | SE | 37 | SSE | 16 | — | 10·2 |
| 17 | 58·0 | 56·7 | 57·8 | 30·7 | 18·0 | 25·0 | 29·9 | 24·5 | 43 | 36 | 80 | 10·0 | 11·3 | 18·1 | 3 | 0 | 5 | N | 8 | NW | 8 | NNW | 4 | — | 6·0 |
| 18 | 59·0 | 56·9 | 56·8 | 25·0 | 20·9 | 22·1 | 23·5 | 24·0 | 75 | 74 | 75 | 14·8 | 15·9 | 16·6 | 6 | 9 | 9 | NW | 25 | NW | 37 | NW | 25 | — | 5·4 |
| 19 | 57·6 | 55·2 | 54·7 | 27·0 | 20·0 | 22·0 | 26·4 | 25·0 | 75 | 74 | 72 | 14·7 | 19·0 | 16·9 | 6 | 2 | 3 | NW | 16 | NW | 8 | WNW | 16 | — | 3·5 |
| 20 | 55·3 | 52·8 | 56·5 | 33·7 | 18·5 | 26·5 | 32·5 | 26·7 | 67 | 44 | 65 | 17·3 | 16·0 | 16·8 | 6 | 8 | 4 | WSW | 16 | SSE | 41 | Calm | 0 | — | 12·0 |
| 21 | 56·7 | 56·6 | 57·7 | 33·1 | 24·0 | 24·5 | 26·5 | 24·5 | 72 | 66 | 81 | 16·3 | 16·9 | 18·5 | 7 | 8 | 8 | WNW | 12 | WNW | 25 | NW | 21 | — | 9·4 |
| 22 | 58·7 | 57·5 | 57·8 | 26·4 | 21·4 | 22·1 | 24·5 | 24·2 | 65 | 55 | 48 | 12·8 | 12·5 | 10·8 | 5 | 6 | 3 | NW | 45 | WNW | 45 | NNW | 16 | — | 12·5 |
| 23 | 59·9 | 58·7 | 58·9 | 25·6 | 20·4 | 23·0 | 24·0 | 23·7 | 40 | 43 | 49 | 8·4 | 9·5 | 10·5 | 0 | 2 | 2 | NW | 37 | WNW | 50 | NW | 29 | — | 12·3 |
| 24 | 60·4 | 58·1 | 57·3 | 24·0 | 19·0 | 20·2 | 22·6 | 23·4 | 59 | 66 | 48 | 10·5 | 13·3 | 10·2 | 2 | 2 | 0 | NW | 29 | WNW | 50 | NW | 33 | — | 8·0 |
| 25 | 58·9 | 57·4 | 57·2 | 25·3 | 13·8 | 21·5 | 24·2 | 23·5 | 65 | 66 | 49 | 12·3 | 14·6 | 10·4 | 0 | 2 | 1 | N | 16 | WNW | 21 | NNW | 8 | — | 3·5 |
| 26 | 58·7 | 56·7 | 56·2 | 27·9 | 13·5 | 21·9 | 26·6 | 23·4 | 65 | 49 | 64 | 12·7 | 12·7 | 13·6 | 2 | 1 | 0 | NW | 29 | NW | 29 | NNW | 21 | — | 6·0 |
| 27 | 58·4 | 57·1 | 57·3 | 25·9 | 18·5 | 21·6 | 25·2 | 23·0 | 61 | 60 | 63 | 11·6 | 14·2 | 13·1 | 0 | 0 | 0 | NNW | 21 | NW | 29 | NNW | 8 | — | 3·6 |
| 28 | 58·7 | 57·3 | 57·1 | 28·9 | 15·6 | 21·7 | 26·5 | 25·0 | 69 | 56 | 48 | 13·2 | 14·3 | 11·2 | 0 | 0 | 0 | NW | 21 | NW | 21 | NW | 4 | — | 6·1 |
| 29 | 56·8 | 54·0 | 55·0 | 33·8 | 15·6 | 22·6 | 28·4 | 24·1 | 70 | 68 | 75 | 14·3 | 19·5 | 16·6 | 1 | 2 | 7 | NNW | 16 | NW | 12 | NNW | 4 | — | 5·1 |
| 30 | 55·1 | 53·9 | 53·4 | 31·2 | 16·6 | 26·0 | 27·1 | 25·7 | 69 | 62 | 51 | 17·2 | 16·5 | 12·6 | 8 | 9 | 1 | NW | 16 | S | 12 | SE | 25 | — | 8·7 |
| Month | 58·54 | 56·99 | 57·42 | 28·1 | 16·6 | 21·8 | 25·9 | 23·2 | 64 | 54 | 58 | 12·4 | 13·1 | 12·3 | 2·6 | 3·2 | 2·6 | — | 21·0 | — | 26·2 | — | 15·3 | — | 7·38 |

**Remarks:**—20 ∞ $15^{30}$, ● *n.*—21 ●°.—22 ⁄.—23 ⁄.—24 ⁄.

# TOR.

$\varphi = 28^{\circ} 13' 30''$ N. $\lambda = 33^{\circ} 37'$ E. H = 1·9 m. $h_t$ = 1·9 m.

$C_h$ = + 0·1 mm.

## May 1913.

| Date | Standard Pressure (mm.) 700 + | | | AIR TEMPERATURE (°C) | | | | | Relative Humidity (per cent) | | | Vapour Pressure (mm.) | | | Clouds Amount (0-10) | | | WIND DIRECTION AND VELOCITY (kilometres per hour) | | | | | | Rain in 24 hours | Evaporation in 24 hours |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | 8 h. Vel. | 14 h. Direct. | 14 h. Vel. | 20 h. Direct. | 20 h. Vel. | (mm.) | (mm.) |
| 1 | 55·7 | 55·4 | 55·3 | 32·0 | 18·1 | 21·5 | 29·4 | 32·0 | 75 | 33 | 6 | 14·2 | 10·0 | 2·3 | 2 | 1 | 1 | NNW | 33 | NW | 16 | NNW | 25 | — | 13·1 |
| 2 | 59·0 | 58·0 | 58·8 | 30·0 | 17·0 | 22·6 | 27·5 | 24·5 | 77 | 60 | 67 | 15·6 | 16·3 | 15·3 | 6 | 8 | 4 | NW | 21 | WNW | 16 | NNW | 12 | — | 6·9 |
| 3 | 59·3 | 58·9 | 58·4 | 29·0 | 17·4 | 22·8 | 28·4 | 24·1 | 70 | 64 | 75 | 14·5 | 18·3 | 16·6 | 1 | 4 | 1 | NNW | 26 | NW | 8 | NNW | 8 | — | 7·2 |
| 4 | 58·9 | 58·3 | 58·2 | 29·2 | 19·6 | 24·0 | 25·5 | 25·5 | 77 | 73 | 46 | 17·0 | 17·7 | 11·1 | 9 | 9 | 6 | NNW | 26 | NW | 16 | NNW | 16 | — | 7·5 |
| 5 | 58·1 | 56·2 | 56·1 | 29·4 | 21·4 | 23·8 | 26·4 | 23·4 | 64 | 55 | 68 | 14·0 | 13·8 | 14·5 | 4 | 2 | 0 | WNW | 25 | NW | 20 | SE | 4 | — | 5·1 |
| 6 | 57·3 | 56·8 | 56·0 | 30·0 | 16·4 | 24·0 | 23·6 | 24·5 | 64 | 74 | 53 | 14·3 | 15·9 | 12·0 | 0 | 0 | 0 | NW | 16 | SE | 8 | SE | 4 | — | 8·9 |
| 7 | 56·3 | 55·1 | 56·4 | 37·0 | 20·0 | 32·4 | 33·0 | 26·2 | 37 | 28 | 51 | 13·2 | 10·6 | 12·9 | 0 | 0 | 0 | SSE | 29 | SSE | 37 | SE | 4 | — | 7·4 |
| 8 | 57·8 | 57·2 | 56·5 | 33·0 | 22·1 | 23·0 | 29·0 | 32·4 | 74 | 37 | 12 | 15·3 | 11·1 | 4·2 | 0 | 0 | 0 | WNW | 50 | NW | 29 | NNW | 21 | — | 8·4 |
| 9 | 58·2 | 58·0 | 57·6 | 29·0 | 22·4 | 24·5 | 29·0 | 20·2 | 32 | 19 | 50 | 7·5 | 5·6 | 8·8 | 0 | 2 | 4 | NNW | 37 | SSW | 33 | NW | 25 | — | 9·0 |
| 10 | 58·2 | 57·2 | 56·6 | 27·9 | 19·5 | 23·5 | 22·4 | 23·4 | 59 | 65 | 64 | 12·6 | 13·0 | 13·6 | 0 | 0 | 2 | SW | 16 | SE | 4 | NW | 20 | — | 5·9 |
| 11 | 55·9 | 55·2 | 55·2 | 30·2 | 18·4 | 24·0 | 20·0 | 25·4 | 23 | 52 | 39 | 5·2 | 12·9 | 9·3 | 0 | 0 | 2 | NW | 4 | SE | 24 | SSE | 16 | — | 11·2 |
| 12 | 58·2 | 56·9 | 58·2 | 32·8 | 22·8 | 27·4 | 30·0 | 25·4 | 53 | 55 | 85 | 14·2 | 17·3 | 20·0 | 4 | 6 | 6 | NNW | 16 | SSE | 50 | NW | 16 | — | 7·4 |
| 13 | 55·2 | 59·0 | 58·4 | 32·0 | 21·4 | 25·4 | 27·4 | 23·8 | 60 | 57 | 47 | 14·4 | 15·6 | 10·3 | 0 | 0 | 4 | NNW | 24 | NW | 20 | SSW | 16 | — | 11·5 |
| 14 | 58·2 | 57·0 | 56·6 | 31·0 | 22·2 | 24·6 | 25·2 | 27·4 | 67 | 74 | 64 | 15·4 | 17·7 | 17·2 | 2 | 6 | 0 | NNW | 33 | NW | 28 | NNW | 33 | — | 10·5 |
| 15 | 56·2 | 55·0 | 55·2 | 31·6 | 21·5 | 24·0 | 31·0 | 25·5 | 63 | 34 | 32 | 14·1 | 11·5 | 7·7 | 0 | 0 | 0 | NW | 37 | NW | 16 | NNW | 12 | — | 10·5 |
| 16 | 56·4 | 55·2 | 56·8 | 27·0 | 22·0 | 23·5 | 25·5 | 21·5 | 35 | 55 | 50 | 7·5 | 13·2 | 9·5 | 0 | 4 | 6 | NW | 25 | NW | 28 | NW | 25 | — | 12·5 |
| 17 | 55·3 | 54·4 | 56·2 | 27·8 | 16·4 | 22·5 | 24·6 | 22·0 | 23 | 56 | 78 | 4·7 | 12·9 | 15·5 | 2 | 8 | 6 | NW | 33 | NW | 62 | Calm | 0 | — | 10·5 |
| 18 | 58·6 | 58·8 | 58·6 | 23·5 | 10·5 | 23·0 | 23·5 | 25·5 | 78 | 71 | 30 | 16·4 | 15·2 | 9·2 | 4 | 8 | 2 | NW | 4 | NW | 28 | SE | 12 | — | 6·4 |
| 19 | 55·5 | 59·0 | 59·6 | 27·5 | 17·5 | 24·6 | 26·8 | 22·2 | 59 | 63 | 83 | 13·6 | 16·3 | 16·4 | 2 | 4 | 0 | NNW | 4 | SE | 16 | SE | 8 | — | 5·2 |
| 20 | 59·5 | 57·0 | 57·2 | 33·4 | 17·6 | 26·0 | 27·4 | 27·4 | 57 | 81 | 33 | 14·0 | 22·1 | 9·0 | 6 | 8 | 6 | NNW | 4 | NW | 8 | SSE | 8 | — | 8·4 |
| 21 | 58·4 | 56·0 | 55·3 | 30·8 | 20·0 | 26·0 | 29·5 | 26·5 | 80 | 66 | 69 | 20·0 | 20·4 | 17·8 | 4 | 4 | 6 | NW | 20 | NW | 8 | NW | 4 | — | 4·4 |
| 22 | 56·4 | 54·0 | 55·6 | 31.8 | 21·5 | 25·0 | 29·0 | 27·5 | 72 | 40 | 60 | 16·9 | 11·9 | 16·3 | 4 | 4 | 2 | NW | 37 | NNW | 41 | NW | 16 | — | 11·4 |
| 23 | 55·2 | 52·9 | 53·9 | 36·0 | 19·8 | 28·0 | 31·0 | 32·0 | 67 | 50 | 43 | 18·8 | 16·9 | 15·3 | 2 | 2 | 4 | Calm | 0 | SE | 16 | SE | 4 | — | 12·0 |
| 24 | 57·0 | 54·8 | 56·1 | 32·8 | 24·0 | 25·0 | 29·0 | 25·5 | 72 | 55 | 65 | 16·0 | 16·3 | 15·7 | 4 | 2 | 6 | NW | 37 | NW | 25 | NW | 25 | — | 8·6 |
| 25 | 57·0 | 55·9 | 55·9 | 34·4 | 19·4 | 25·0 | 31·0 | 30·2 | 77 | 59 | 17 | 18·2 | 19·8 | 5·6 | 0 | 2 | 0 | NW | 4 | NW | 16 | SE | 29 | — | 14·0 |
| 26 | 55·0 | 57·9 | 57·9 | 30·5 | 22·6 | 26·5 | 27·2 | 26·5 | 59 | 55 | 31 | 15·1 | 14·7 | 7·9 | 8 | 8 | 2 | NNW | 37 | NNW | 41 | NW | 25 | — | 13·6 |
| 27 | 59·4 | 58·2 | 58·2 | 32·0 | 21·6 | 23·8 | 26·0 | 26·6 | 61 | 52 | 30 | 13·4 | 12·9 | 7·8 | 2 | 4 | 0 | NNW | 45 | NNW | 49 | NW | 20 | — | 13·6 |
| 28 | 60·2 | 58·0 | 58·0 | 27·2 | 21·8 | 23·2 | 26·0 | 25·5 | 65 | 45 | 32 | 13·8 | 11·3 | 7·7 | 0 | 2 | 0 | NW | 25 | NW | 49 | NW | 37 | — | 13·0 |
| 29 | 60·2 | 58·4 | 57·6 | 25·2 | 21·2 | 23·5 | 24·5 | 25·0 | 45 | 60 | 54 | 9·7 | 13·8 | 12·7 | 0 | 2 | 4 | NNW | 45 | NNW | 45 | NW | 20 | — | 9·8 |
| 30 | 61·1 | 61.1 | 57·6 | 28·5 | 22·0 | 22·5 | 25·0 | 26·2 | 61 | 58 | 39 | 12·3 | 13·5 | 9·7 | 0 | 2 | 2 | NW | 45 | NW | 41 | NW | 32 | — | 12·4 |
| 31 | 56·4 | 56·4 | 56·2 | 26·5 | 21·5 | 22·5 | 25·0 | 26·2 | 78 | 61 | 41 | 15·8 | 14·3 | 10·3 | 0 | 2 | 4 | NW | 41 | NW | 41 | NW | 41 | — | 11·5 |
| Month | 57·55 | 56·84 | 56·91 | 30·3 | 20·0 | 24·4 | 27·2 | 25·8 | 61 | 55 | 49 | 13·8 | 14·6 | 11·7 | 2·1 | 3·4 | 2·6 | — | 25·8 | — | 27·1 | — | 17·4 | — | 9·61 |

**Remarks**:—4 ●° 15h–19^30.—5 Ʀ 3h–4h.—17 ⌁ ∞² 15h–18h.—18 T 13^30–14^30.

$C_h$ = + 0·1 mm.

## June 1913.

| Date | P 8 h. | P 14 h. | P 20 h. | Max. | Min. | T 8 h. | T 14 h. | T 20 h. | RH 8 h. | RH 14 h. | RH 20 h. | VP 8 h. | VP 14 h. | VP 20 h. | Cl 8 h. | Cl 14 h. | Cl 20 h. | 8 h. Direct. | 8 h. Vel. | 14 h. Direct. | 14 h. Vel. | 20 h. Direct. | 20 h. Vel. | Rain | Evap. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57·7 | 56·4 | 56·2 | 29·2 | 21·0 | 22·7 | 26·4 | 26·4 | 57 | 53 | 30 | 11·7 | 13·5 | 7·5 | 2 | 4 | 6 | NW | 25 | NW | 32 | NW | 25 | — | 11·5 |
| 2 | 57·8 | 56·2 | 57·6 | 27·4 | 19·8 | 24·2 | 26·4 | 25·2 | 65 | 43 | 64 | 14·5 | 11·0 | 15·1 | 2 | 4 | 0 | NW | 41 | NW | 53 | NW | 20 | — | 12·4 |
| 3 | 58·2 | 57·0 | 56·2 | 31·4 | 23·0 | 25·6 | 27·5 | 26·5 | 47 | 54 | 37 | 11·5 | 14·5 | 9·4 | 0 | 2 | 0 | NNW | 25 | NW | 25 | NW | 29 | — | 13·5 |
| 4 | 58·2 | 57·5 | 57·0 | 31·0 | 23·6 | 25·5 | 28·5 | 26·2 | 69 | 52 | 75 | 16·6 | 14·8 | 18·9 | 0 | 0 | 0 | NW | 29 | NW | 32 | NW | 12 | — | 9·2 |
| 5 | 57·2 | 55·0 | 54·2 | 29·0 | 22·6 | 24·2 | 27·2 | 26·0 | 66 | 61 | 69 | 14·8 | 16·5 | 17·2 | 0 | 0 | 0 | NNW | 45 | NW | 41 | NW | 33 | — | 10·4 |
| 6 | 55·2 | 54·0 | 54·0 | 28·4 | 22·2 | 23·4 | 26·2 | 25·6 | 68 | 64 | 68 | 14·5 | 16·2 | 16·5 | 0 | 0 | 0 | NW | 41 | NW | 32 | NW | 16 | — | 9·2 |
| 7 | 54·2 | 54·0 | 53·6 | 29·0 | 22·5 | 24·0 | 27·2 | 29·5 | 72 | 61 | 49 | 15·8 | 16·5 | 15·0 | 0 | 2 | 0 | NW | 29 | NW | 32 | NW | 28 | — | 10·4 |
| 8 | 55·5 | 53·9 | 54·1 | 30·0 | 22·6 | 24·5 | 27·6 | 29·8 | 72 | 63 | 34 | 16·3 | 17·3 | 10·5 | 0 | 2 | 6 | NNW | 25 | NW | 25 | NW | 25 | — | 12·0 |
| 9 | 56·2 | 55·5 | 55·0 | 34·2 | 23·0 | 24·5 | 27·0 | 29·2 | 64 | 60 | 57 | 14·6 | 15·7 | 17·1 | 4 | 4 | 0 | NW | 41 | NNW | 29 | NNW | 20 | — | 12·5 |
| 10 | 56·4 | 54·9 | 55·5 | 34·5 | 23·0 | 29·0 | 29·0 | 24·0 | 34 | 43 | 48 | 10·2 | 12·7 | 10·4 | 0 | 4 | 2 | NW | 16 | NW | 20 | NW | 25 | — | 13·5 |
| 11 | 56·2 | 54·5 | 54·9 | 34·0 | 23·5 | 24·5 | 30·5 | 31·4 | 76 | 55 | 31 | 17·2 | 18·2 | 10·7 | 0 | 0 | 0 | NW | 32 | NW | 25 | NW | 16 | — | 10·0 |
| 12 | 56·0 | 54·2 | 54·1 | 31·5 | 24·0 | 24·0 | 25·5 | 27·5 | 72 | 67 | 47 | 15·8 | 16·1 | 12·8 | 0 | 0 | 0 | NW | 45 | NW | 50 | NW | 16 | — | 9·5 |
| 13 | 56·0 | 55·3 | 55·3 | 33·0 | 23·0 | 24·5 | 28·5 | 29·5 | 64 | 52 | 49 | 14·6 | 14·8 | 15·0 | 0 | 0 | 0 | NW | 41 | NW | 32 | NNW | 16 | — | 8·8 |
| 14 | 57·0 | 56·3 | 56·9 | 33·0 | 23·5 | 25·4 | 32·2 | 27·2 | 69 | 33 | 52 | 16·7 | 12·0 | 14·0 | 0 | 0 | 0 | NW | 41 | NW | 33 | NW | 12 | — | 11·5 |
| 15 | 57·6 | 56·1 | 56·6 | 29·0 | 23·5 | 24·2 | 27·4 | 27·0 | 76 | 60 | 44 | 16·9 | 16·3 | 12·0 | 4 | 2 | 0 | NW | 41 | NW | 41 | NW | 16 | — | 9·4 |
| 16 | 56·0 | 55·1 | 55·5 | 31·0 | 23·6 | 26·0 | 30·0 | 29·0 | 69 | 65 | 49 | 17·2 | 20·5 | 14·5 | 0 | 0 | 0 | NW | 45 | NW | 33 | NW | 29 | — | 12·3 |
| 17 | 57·2 | 55·9 | 55·5 | 31·8 | 23·5 | 24·5 | 27·2 | 28·5 | 64 | 61 | 55 | 4·6 | 16·5 | 15·6 | 0 | 0 | 0 | NW | 37 | NW | 41 | NW | 33 | — | 9·4 |
| 18 | 57·2 | 55·9 | 56·0 | 28·2 | 21·0 | 23·5 | 26·0 | 28·0 | 68 | 66 | 57 | 14·6 | 16·3 | [illegible] | 0 | 0 | 0 | NW | 37 | NW | 41 | NW | 16 | — | 9·5 |
| 19 | 56·2 | 57·1 | 56·4 | 27·5 | 21·6 | 23·5 | 26·5 | 25·2 | 67 | 66 | 71 | 14·4 | 16·9 | 16·8 | 0 | 0 | 0 | NW | 29 | NW | 41 | NW | 20 | — | 4·8 |
| 20 | 57·6 | 56·5 | 56·3 | 29·0 | 22·4 | 24·5 | 27·6 | 26·0 | 72 | 63 | 69 | 16·3 | 17·1 | 17·2 | 0 | 0 | 4 | NNW | 41 | NNW | 41 | NW | 19 | — | 6·0 |
| 21 | 56·2 | 55·5 | 54·1 | 29·5 | 22·4 | 22·5 | 20·5 | 27·0 | 83 | 50 | 64 | 16·7 | 15·4 | 16·9 | 2 | 4 | 4 | NW | 41 | NW | 41 | NW | 12 | — | 6·6 |
| 22 | 55·4 | 56·0 | 54·9 | 31·0 | 22·5 | 24·5 | 25·2 | 27·0 | 68 | 64 | 60 | 15·3 | 15·1 | 15·7 | 0 | 4 | 4 | NW | 41 | NW | 28 | NW | 20 | — | 7·2 |
| 23 | 56·2 | 55·5 | 56·3 | 31·5 | 23·6 | 25·0 | 30·0 | 27·5 | 68 | 47 | 57 | 16·0 | 14·7 | [illegible] | 6 | 4 | 6 | NW | 28 | NW | 33 | NW | 16 | — | 8·0 |
| 24 | 56·6 | 55·3 | 55·1 | 30·5 | 24·2 | 25·5 | 29·0 | 28·5 | 65 | 52 | 39 | 15·7 | 15·3 | 11·2 | 0 | 0 | 0 | NW | 41 | NW | 37 | NW | 28 | — | 12·0 |
| 25 | 56·0 | 53·9 | 53·9 | 30·5 | 24·5 | 25·0 | 26·0 | 28·0 | 61 | 49 | 47 | 14·3 | 14·5 | 13·5 | 0 | 0 | 0 | NW | 57 | NW | 57 | NW | 49 | — | 12·0 |
| 26 | 56·0 | 54·5 | 54·1 | 28·5 | 23·0 | 26·0 | 27·5 | 27·0 | 55 | 60 | 60 | 13·7 | 16·3 | 15·7 | 0 | 0 | 0 | NW | 25 | NW | 45 | NW | 25 | — | 9·0 |
| 27 | 55·2 | 54·1 | 53·9 | 29·0 | 23·0 | 24·0 | 27·0 | 26·2 | 67 | 66 | 67 | 14·9 | 17·5 | 17·1 | 0 | 2 | 0 | NW | 29 | NW | 33 | NW | 20 | — | 9·2 |
| 28 | 55·2 | 54·1 | 54·1 | 40·0 | 23·2 | 25·2 | 29·5 | 34·5 | 67 | 52 | 14 | 15·9 | 16·0 | 5·9 | 0 | 2 | 0 | NW | 29 | NNW | 37 | NW | 20 | — | 14·0 |
| 29 | 56·1 | 54·9 | 54·4 | 36·5 | 24·0 | 28·0 | 29·2 | 32·0 | 67 | 57 | 33 | 18·8 | 17·1 | 11·7 | 0 | 0 | 0 | NW | 20 | NW | 25 | NW | 12 | — | 10·0 |
| 30 | 56·7 | 55·8 | 55·2 | 32·2 | 24·0 | 25·0 | 29·5 | 28·0 | 64 | 52 | 55 | 15·2 | 16·0 | 15·2 | 0 | 0 | 0 | NW | 20 | NW | 41 | NW | 41 | — | 9·8 |
| Month | 56·44 | 55·36 | 55·23 | 31·0 | 22·9 | 24·8 | 28·0 | 27·8 | 66 | 56 | 52 | 15·2 | 15·7 | 14·0 | 0·7 | 1·3 | 1·1 | — | 34·6 | — | 35·9 | — | 22·3 | — | 10·12 |

**Remarks**:—21 ⌁ 1h–3h.—24 ∞.

# TOR.

$\varphi = 28° 13' 30''$ N. $\lambda = 33° 37'$ E. H = 1·9m. $h_t$ = 1·9 m.

$C_h$ = + 0·1 mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 56·2 | 55·5 | 56·1 | 28·0 | 23·0 | 24·5 | 27·5 | 26·0 | 72 | 63 | 69 | 16·3 | 17·2 | 17·2 | 0 | 0 | 0 | NW | 41 | NW | 37 | NW | 20 | — | 6·0 |
| 2 | 56·3 | 55·3 | 54·9 | 28·0 | 23·0 | 24·5 | 27·0 | 27·0 | 76 | 63 | 60 | 17·2 | 16·6 | 15·9 | 0 | 0 | 0 | NW | 41 | NW | 37 | NW | 20 | — | 6·4 |
| 3 | 57·2 | 55·9 | 54·5 | 28·5 | 22·5 | 25·0 | 27·5 | 27·5 | 64 | 63 | 57 | 15·2 | 17·2 | 15·4 | 0 | 0 | 0 | NW | 33 | NW | 37 | NW | 37 | — | 8·4 |
| 4 | 57·6 | 55·9 | 55·9 | 28·5 | 22·5 | 24·5 | 26·5 | 27·0 | 66 | 66 | 69 | 15·0 | 16·9 | 18·4 | 0 | 0 | 0 | NW | 33 | NW | 33 | NW | 41 | — | 12·0 |
| 5 | 57·4 | 55·9 | 54·9 | 31·0 | 22·6 | 24·5 | 26·5 | 29·5 | 60 | 63 | 33 | 13·8 | 16·0 | 10·2 | 0 | 0 | 0 | NW | 25 | NW | 37 | NW | 33 | — | 13·5 |
| 6 | 56·0 | 54·7 | 54·1 | 36·5 | 23·4 | 25·0 | 27·2 | 35·0 | 76 | 61 | 15 | 17·8 | 16·5 | 6·6 | 0 | 0 | 0 | NW | 25 | NW | 20 | NW | 25 | — | 19·0 |
| 7 | 55·9 | 54·2 | 54·2 | 40·5 | 23·2 | 30·2 | 32·5 | 35·0 | 52 | 34 | 10 | 16·4 | 12·3 | 4·2 | 0 | 0 | 0 | NW | 16 | NW | 29 | NNW | 16 | — | 16·0 |
| 8 | 56·1 | 55·3 | 55·8 | 31·5 | 23·2 | 26·0 | 29·5 | 27·6 | 69 | 58 | 65 | 17·2 | 17·8 | 17·7 | 0 | 0 | 0 | NW | 41 | NW | 20 | NW | 16 | — | 6·8 |
| 9 | 56·5 | 55·1 | 54·8 | 32·5 | 24·0 | 24·6 | 29·0 | 28·5 | 79 | 52 | 55 | 18·1 | 15·3 | 15·6 | 0 | 2 | 0 | NW | 41 | NW | 37 | NW | 20 | — | 6·0 |
| 10 | 56·1 | 54·7 | 54·7 | 39·0 | 24·0 | 27·5 | 29·5 | 27·0 | 60 | 61 | 60 | 16·3 | 18·8 | 15·7 | 0 | 0 | 2 | NW | 25 | NW | 16 | NW | 4 | — | 8·5 |
| 11 | 54·9 | 53·7 | 52·9 | 33·0 | 25·5 | 28·0 | 30·2 | 32·0 | 57 | 43 | 26 | 16·0 | 13·7 | 9·2 | 0 | 0 | 0 | NW | 33 | NW | 41 | NW | 20 | — | 14·5 |
| 12 | 54·8 | 54·1 | 54·3 | 35·6 | 24·5 | 28·5 | 29·5 | 26·0 | 44 | 55 | 69 | 12·5 | 16·9 | 17·2 | 0 | 0 | 0 | NW | 4 | NW | 12 | NW | 4 | — | 12·3 |
| 13 | 56·3 | 55·7 | 55·7 | 40·0 | 22·5 | 26·5 | 33·5 | 30·0 | 80 | 50 | 50 | 20·6 | 19·3 | 15·6 | 0 | 0 | 4 | NW | 20 | NW | 12 | NW | 8 | — | 6·8 |
| 14 | 56·0 | 54·5 | 53·7 | 38·0 | 25·0 | 27·0 | 30·5 | 38·0 | 66 | 59 | 8 | 17·5 | 19·1 | 3·9 | 0 | 0 | 0 | NNW | 12 | NW | 16 | NW | 29 | — | 11·6 |
| 15 | 55·0 | 53·9 | 53·9 | 33·5 | 24·0 | 25·5 | 29·0 | 29·0 | 69 | 55 | 46 | 16·6 | 16·3 | 13·6 | 0 | 4 | 0 | NW | 37 | NW | 50 | NW | 33 | — | 8·0 |
| 16 | 54·3 | 52·4 | 51·8 | 33·5 | 24·0 | 24·6 | 27·4 | 29·5 | 67 | 64 | 43 | 15·4 | 17·2 | 13·3 | 2 | 0 | 0 | NW | 29 | NW | 20 | NW | 29 | — | 10·0 |
| 17 | 54·1 | 53·7 | 53·9 | 30·5 | 21·0 | 25·5 | 28·5 | 30·5 | 72 | 64 | 39 | 17·5 | 18·4 | 12·6 | 0 | 0 | 2 | NW | 16 | NW | 33 | NW | 29 | — | 12·0 |
| 18 | 55·8 | 54·9 | 54·4 | 35·5 | 25·0 | 26·5 | 30·5 | 35·5 | 69 | 42 | 18 | 17·8 | 13·5 | 7·9 | 2 | 0 | 0 | NW | 41 | NW | 29 | NW | 20 | — | 13·5 |
| 19 | 54·8 | 53·7 | 53·9 | 35·0 | 25·0 | 26·5 | 32·5 | 30·5 | 69 | 36 | 44 | 17·8 | 13·2 | 14·1 | 0 | 0 | 0 | NW | 37 | NW | 45 | NW | 12 | — | 7·0 |
| 20 | 54·8 | 54·5 | 53·7 | 35·5 | 24·5 | 26·0 | 28·5 | 28·0 | 73 | 55 | 57 | 18·1 | 15·6 | 16·0 | 0 | 0 | 0 | NW | 41 | NW | 41 | NW | 16 | — | 11·0 |
| 21 | 55·3 | 53·9 | 53·2 | 31·5 | 24·2 | 26·0 | 27·5 | 27·6 | 62 | 60 | 66 | 15·4 | 16·3 | 18·0 | 0 | 0 | 0 | NW | 25 | NW | 33 | NW | 33 | — | 11·0 |
| 22 | 55·2 | 53·8 | 53·8 | 32·0 | 24·0 | 25·5 | 27·5 | 27·0 | 69 | 70 | 63 | 16·6 | 19·1 | 16·6 | 0 | 0 | 4 | NW | 29 | NW | 33 | NW | 20 | — | 6·4 |
| 23 | 54·5 | 52·9 | 52·8 | 30·5 | 22·0 | 25·5 | 28·5 | 27·0 | 65 | 61 | 66 | 15·7 | 17·5 | 17·5 | 0 | 0 | 0 | NW | 29 | NW | 16 | NW | 12 | — | 5·4 |
| 24 | 53·9 | 53·0 | 52·8 | 33·5 | 21·5 | 26·0 | 30·5 | 27·5 | 69 | 42 | 60 | 17·2 | 13·5 | 16·3 | 0 | 0 | 0 | NW | 29 | NW | 20 | NW | 20 | — | 7·5 |
| 25 | 55·1 | 55·0 | 55·2 | 32·0 | 24·8 | 26·0 | 28·5 | 30·0 | 69 | 55 | 41 | 17·2 | 15·6 | 13·0 | 0 | 0 | 0 | NW | 29 | NW | 33 | NW | 20 | — | 10·0 |
| 26 | 56·9 | 55·7 | 55·8 | 33·0 | 24·6 | 27·0 | 30·0 | 28·2 | 56 | 47 | 59 | 14·8 | 14·7 | 16·8 | 0 | 0 | 0 | NW | 16 | NW | 20 | NW | 25 | — | 9·8 |
| 27 | 55·3 | 53·6 | 54·0 | 37·2 | 22·5 | 26·2 | 32·0 | 31·5 | 60 | 28 | 35 | 15·3 | 10·0 | 12·0 | 0 | 0 | 0 | NW | 29 | NW | 20 | NW | 12 | — | 12·0 |
| 28 | 54·5 | 53·7 | 53·6 | 32·0 | 24·0 | 25·0 | 29·5 | 29·5 | 68 | 43 | 43 | 16·0 | 13·3 | 13·3 | 0 | 0 | 0 | NW | 33 | NW | 16 | NW | 28 | — | 13·0 |
| 29 | 56·5 | 55·2 | 54·8 | 33·0 | 24·5 | 26·0 | 28·5 | 26·5 | 69 | 61 | 66 | 17·2 | 17·5 | 16·9 | 0 | 4 | 4 | NW | 29 | NW | 37 | NW | 25 | — | 13·0 |
| 30 | 56·5 | 55·8 | 55·8 | 34·0 | 24·6 | 25·5 | 33·0 | 29·5 | 72 | 50 | 50 | 17·5 | 18·6 | 15·4 | 2 | 2 | 4 | NW | 33 | NW | 16 | NW | 4 | — | 11·0 |
| 31 | 57·3 | 55·9 | 55·8 | 32·2 | 24·5 | 25·5 | 29·5 | 29·0 | 72 | 35 | 31 | 17·5 | 10·7 | 9·4 | 0 | 4 | 4 | NW | 33 | NW | 33 | NW | 16 | — | 10.0 |
| Month | 55·71 | 54·58 | 54·38 | 33·4 | 23·7 | 26·0 | 29·3 | 29·4 | 67 | 54 | 48 | 16·6 | 16·0 | 13·7 | 0·2 | 0·5 | 0·8 | — | 29·2 | — | 28·4 | — | 20·9 | — | 10.27 |

**Remarks:**—19 ☾☾ 10h–13h.

$C_h$ = + 0·1 mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56·9 | 55·8 | 55·4 | 29·5 | 24·5 | 25·0 | 27·5 | 27·0 | 76 | 47 | 56 | 17·8 | 12·8 | 14·8 | 0 | 2 | 0 | NW | 25 | NW | 16 | NW | 8 | — | 6·4 |
| 2 | 56·9 | 55·3 | 55·4 | 33·5 | 21·2 | 28·5 | 30·0 | 28·5 | 45 | 47 | 49 | 13·0 | 14·7 | 13·9 | 0 | 2 | 4 | NNE | 4 | NW | 7 | NNE | 4 | — | 7·8 |
| 3 | 56·5 | 55·4 | 54·8 | 33·0 | 21·2 | 26·5 | 27·0 | 29·5 | 80 | 63 | 52 | 20·6 | 10·6 | 16·0 | 0 | 0 | 0 | NW | 4 | NW | 8 | NW | 8 | — | 7·0 |
| 4 | 56·4 | 55·1 | 54·7 | 34·5 | 25·5 | 26·0 | 30·5 | 27·5 | 76 | 45 | 50 | 19·0 | 14·4 | 13·6 | 0 | 0 | 0 | NW | 41 | NW | 33 | NW | 4 | — | 9·0 |
| 5 | 56·2 | 55·2 | 55·8 | 31·0 | 24·5 | 26·5 | 28·0 | 29·5 | 63 | 57 | 32 | 16·0 | 16·0 | 9·9 | 0 | 0 | 2 | NW | 20 | NW | 41 | NW | 41 | — | 12·0 |
| 6 | 57·5 | 55·7 | 55·0 | 31·0 | 25·0 | 25·5 | 28·0 | 28·0 | 72 | 70 | 54 | 17·5 | 19·7 | 15·1 | 0 | 0 | 0 | NW | 25 | NW | 37 | NW | 37 | — | 12·8 |
| 7 | 55·9 | 54·8 | 54·4 | 31·0 | 24·5 | 25·5 | 27·5 | 29·0 | 65 | 63 | 40 | 15·7 | 17·2 | 11·9 | 0 | 0 | 2 | NW | 29 | NW | 33 | NW | 20 | — | 11·4 |
| 8 | 54·9 | 54·3 | 53·4 | 33·0 | 24·0 | 28·5 | 28·0 | 32·0 | 43 | 57 | 28 | 12·2 | 16·0 | 10·0 | 0 | 2 | 0 | NW | 8 | NW | 16 | NW | 16 | — | 8·2 |
| 9 | 54·9 | 54·9 | 54·3 | 33·5 | 24·0 | 27·8 | 30·5 | 28·5 | 65 | 50 | 55 | 17·9 | 16·3 | 15·6 | 0 | 0 | 0 | NW | 8 | NW | 8 | NW | 8 | — | 7·2 |
| 10 | 55·5 | 55·8 | 55·4 | 33·0 | 20·5 | 26·5 | 29·5 | 29·5 | 84 | 67 | 40 | 21·6 | 20·8 | 12·4 | 0 | 0 | 0 | NNW | 4 | NNW | 4 | NNW | 4 | — | 4·4 |
| 11 | 56·8 | 55·1 | 56·7 | 34·5 | 22·5 | 27·5 | 31·5 | 29·5 | 77 | 57 | 43 | 21·0 | 19·5 | 13·3 | 0 | 2 | 2 | NW | 4 | NW | 4 | N | 4 | — | 4·2 |
| 12 | 56·8 | 55·1 | 55·1 | 39·5 | 23·0 | 27·5 | 32·0 | 29·5 | 63 | 41 | 40 | 17·2 | 14·4 | 12·4 | 0 | 0 | 0 | NW | 16 | NW | 16 | NW | 29 | — | 6·5 |
| 13 | 55·1 | 53·7 | 54·5 | 36·0 | 20·5 | 27·0 | 31·5 | 30·5 | 73 | 48 | 59 | 19·4 | 16·6 | 19·1 | 0 | 0 | 0 | NW | 12 | NW | 29 | NW | 12 | — | 8·0 |
| 14 | 54·9 | 53·3 | 54·1 | 38·5 | 20·2 | 28·0 | 34·5 | 27·5 | 60 | 25 | 77 | 16·9 | 10·2 | 21·0 | 0 | 0 | 2 | NW | 4 | NW | 16 | NW | 8 | — | 8·0 |
| 15 | 54·8 | 53·5 | 54·3 | 35·0 | 22·2 | 27·0 | 32·0 | 28·5 | 77 | 43 | 64 | 20·3 | 15·3 | 18·4 | 0 | 0 | 2 | NW | 25 | NW | 16 | NW | 12 | — | 8·2 |
| 16 | 55·8 | 55·1 | 54·7 | 35·0 | 20·0 | 27·5 | 32·5 | 29·5 | 77 | 44 | 64 | 21·0 | 16·0 | 19·8 | 0 | 0 | 0 | NW | 20 | NW | 33 | NW | 25 | — | 8·5 |
| 17 | 56·2 | 54·9 | 55·5 | 36·0 | 25·8 | 27·0 | 29·0 | 28·5 | 73 | 52 | 70 | 19·4 | 15·3 | 20·4 | 0 | 0 | 0 | NW | 12 | NW | 25 | NW | 16 | — | 7·0 |
| 18 | 55·8 | 54·9 | 54·9 | 32·0 | 25·2 | 26·5 | 29·0 | 28·5 | 77 | 64 | 67 | 19·7 | 19·1 | 19·4 | 0 | 0 | 0 | NW | 33 | NW | 41 | NW | 37 | — | 6·5 |
| 19 | 54·8 | 53·7 | 53·8 | 32·0 | 25·0 | 26·5 | 28·5 | 28·5 | 73 | 67 | 61 | 18·7 | 19·4 | 17·5 | 0 | 2 | 2 | NW | 29 | NW | 29 | NW | 25 | — | 6·0 |
| 20 | 53·0 | 52·7 | 53·5 | 32·5 | 24·0 | 26·0 | 29·5 | 27·5 | 73 | 67 | 80 | 18·1 | 20·8 | 22·0 | 0 | 0 | 2 | NW | 25 | NW | 16 | NW | 16 | — | 4·5 |
| 21 | 53·2 | 51·9 | 52·5 | 37·0 | 25·5 | 27·5 | 30·5 | 27·5 | 60 | 53 | 47 | 16·3 | 17·2 | 12·8 | 0 | 0 | 0 | NW | 25 | NW | 16 | NW | 16 | — | 8·0 |
| 22 | 54·8 | 54·1 | 53·5 | 37·0 | 25·2 | 27·0 | 32·5 | 29·0 | 77 | 39 | 64 | 20·3 | 14·1 | 19·1 | 0 | 4 | 8 | NW | 29 | NW | 20 | NW | 16 | — | 9·0 |
| 23 | 55·8 | 55·7 | 55·3 | 35·0 | 24·8 | 28·0 | 32·5 | 32·0 | 77 | 39 | 43 | 21·7 | 14·1 | 15·3 | 0 | 4 | 6 | NW | 33 | NW | 33 | NW | 29 | — | 12·0 |
| 24 | 55·7 | 55·7 | 55·3 | 35·5 | 27·0 | 28·5 | 30·0 | 32·0 | 67 | 50 | 49 | 19·4 | 15·6 | 17·2 | 8 | 8 | 8 | NW | 33 | NW | 41 | NW | 41 | — | 12·0 |
| 25 | 55·4 | 54·1 | 54·1 | 35·0 | 26·2 | 27·5 | 28·0 | 29·0 | 67 | 70 | 64 | 18·1 | 19·7 | 19·1 | 0 | 4 | 6 | NW | 33 | NW | 45 | NW | 33 | — | 10·0 |
| 26 | 57·0 | 55·7 | 55·7 | 35·0 | 25·2 | 26·5 | 28·2 | 28·5 | 73 | 72 | 61 | 18·7 | 20·6 | 17·5 | 2 | 4 | 4 | NW | 29 | NW | 45 | NW | 33 | — | 6·0 |
| 27 | 55·9 | 55·7 | 55·8 | 30·5 | 25·5 | 26·2 | 28·0 | 29·5 | 79 | 70 | 49 | 19·9 | 19·7 | 15·0 | 2 | 4 | 0 | NW | 37 | NW | 45 | NW | 29 | — | 7·0 |
| 28 | 55·9 | 55·1 | 55·7 | 31·0 | 25·5 | 27·0 | 30·5 | 29·0 | 66 | 50 | 55 | 17·5 | 16·3 | 16·3 | 0 | 0 | 2 | NW | 33 | NW | 33 | NW | 25 | — | 7·2 |
| 29 | 56·8 | 54·7 | 55·7 | 32·0 | 25·5 | 27·5 | 30·5 | 30·0 | 68 | 50 | 50 | 18·5 | 16·3 | 15·6 | 0 | 2 | 2 | NW | 33 | NW | 33 | NW | 25 | — | 8·5 |
| 30 | 57·8 | 55·9 | 55·3 | 32·0 | 25·5 | 27·0 | 29·5 | 29·0 | 80 | 55 | 55 | 21·3 | 16·9 | 16·3 | 0 | 2 | 2 | NW | 37 | NW | 37 | NW | 33 | — | 9·4 |
| 31 | 58·6 | 57·5 | 57·3 | 33·0 | 26·0 | 27·0 | 30·5 | 29·0 | 69 | 62 | 58 | 18·4 | 20·1 | 17·2 | 0 | 0 | 2 | NW | 33 | NW | 41 | NW | 37 | — | 8·8 |
| Month | 55·89 | 54·85 | 54·90 | 33·8 | 24·0 | 27·0 | 29·9 | 29·1 | 70 | 54 | 54 | 18·5 | 16·8 | 16·1 | 0·4 | 1·4 | 1·9 | — | 22·7 | — | 26·4 | — | 21·0 | — | 8·11 |

**Remarks:**—

# TOR.

$\varphi = 28° 13' 30''$ N. $\lambda = 33° 37'$ E. H = 1·9 m. $h_t = 1·9$ m.

$C_h = + 0·1$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57·3 | 55·7 | 55·8 | 33·0 | 24·4 | 26·0 | 28·0 | 28·0 | 52 | 60 | 51 | 13·0 | 16·9 | 14·2 | 0 | 0 | 0 | NW | 33 | NW | 41 | NW | 29 | — | 11·5 |
| 2 | 56·1 | 54·9 | 54·0 | 33·0 | 24·0 | 26·0 | 27·6 | 28·5 | 62 | 69 | 49 | 15·4 | 18·9 | 13·9 | 0 | 0 | 2 | NW | 33 | NW | 33 | NW | 25 | — | 8·5 |
| 3 | 55·9 | 55·2 | 55·1 | 30·0 | 22·6 | 26·5 | 28·0 | 27·6 | 69 | 73 | 66 | 17·8 | 20·7 | 18·0 | 0 | 0 | 0 | NW | 25 | WNW | 37 | NW | 21 | — | 6·6 |
| 4 | 56·5 | 56·0 | 56·2 | 30·0 | 20·3 | 26·4 | 29·0 | 27·6 | 71 | 64 | 65 | 18·0 | 19·1 | 17·9 | 0 | 0 | 0 | NW | 21 | WNW | 25 | NW | 16 | — | 8·7 |
| 5 | 56·2 | 54·8 | 54·8 | 30·4 | 21·0 | 28·0 | 29·2 | 28·5 | 54 | 63 | 49 | 15·1 | 19·0 | 13·9 | 0 | 0 | 0 | NW | 21 | WNW | 37 | WNW | 4 | — | 9·6 |
| 6 | 56·1 | 55·1 | 55·7 | 31·0 | 24·5 | 25·4 | 29·0 | 27·2 | 77 | 65 | 75 | 18·5 | 19·5 | 20·2 | 2 | 1 | 1 | NW | 41 | NW | 37 | NW | 8 | — | 8·0 |
| 7 | 56·6 | 54·8 | 55·9 | 31·1 | 23·1 | 28·0 | 30·5 | 28·0 | 66 | 53 | 63 | 18·6 | 17·4 | 17·8 | 1 | 1 | 1 | NW | 8 | NW | 25 | NW | 21 | — | 6·1 |
| 8 | 56·7 | 55·7 | 56·1 | 30·0 | 21·5 | 27·3 | 28·5 | 27·5 | 71 | 69 | 67 | 19·2 | 19·8 | 18·1 | 0 | 1 | 0 | NW | 29 | WNW | 33 | NNW | 8 | — | 5·5 |
| 9 | 56·7 | 55·9 | 57·8 | 29·5 | 20·0 | 27·6 | 28·5 | 28·4 | 63 | 61 | 58 | 17·3 | 17·5 | 16·6 | 0 | 0 | 0 | NW | 29 | NW | 41 | NW | 16 | — | 6·9 |
| 10 | 57·0 | 55·6 | 55·7 | 29·0 | 20·8 | 26·5 | 27·5 | 27·5 | 70 | 74 | 58 | 18·0 | 20·0 | 15·7 | 0 | 0 | 0 | WNW | 37 | WNW | 50 | NNW | 12 | — | 6·0 |
| 11 | 56·6 | 55·9 | 56·2 | 31·2 | 19·7 | 26·0 | 28·2 | 28·0 | 73 | 69 | 55 | 18·1 | 19·6 | 15·4 | 0 | 0 | 0 | NW | 25 | WNW | 37 | NNW | 8 | — | 4·2 |
| 12 | 57·0 | 56·0 | 56·2 | 30·5 | 22·1 | 26·0 | 28·0 | 28·5 | 73 | 73 | 62 | 18·1 | 20·7 | 17·9 | 0 | 0 | 0 | NW | 29 | NW | 33 | NNW | 12 | — | 4·2 |
| 13 | 57·2 | 56·3 | 56·8 | 29·5 | 24·7 | 27·4 | 28·0 | 28·5 | 55 | 73 | 58 | 14·7 | 20·7 | 16·6 | 0 | 0 | 0 | NW | 16 | NW | 29 | NNW | 21 | — | 3·9 |
| 14 | 57·3 | 55·9 | 55·6 | 31·5 | 20·0 | 26·5 | 28·1 | 28·5 | 70 | 73 | 69 | 18·0 | 20·6 | 19·8 | 0 | 0 | 0 | NW | 29 | WNW | 37 | NW | 33 | — | 5·5 |
| 15 | 56·4 | 54·8 | 54·0 | 32·0 | 19·5 | 26·7 | 30·0 | 28·0 | 65 | 65 | 64 | 16·8 | 20·5 | 18·0 | 0 | 0 | 0 | NNW | 4 | WNW | 29 | N | 4 | — | 15·0 |
| 16 | 54·4 | 53·0 | 52·8 | 36·1 | 20·8 | 28·0 | 30·5 | 35·0 | 61 | 59 | 15 | 17·1 | 19·1 | 6·6 | 0 | 0 | 0 | NW | 33 | NW | 41 | WNW | 29 | — | 11·1 |
| 17 | 54·4 | 52·6 | 52·9 | 36·2 | 24·9 | 27·0 | 29·0 | 27·5 | 69 | 71 | 74 | 18·4 | 21·1 | 20·0 | 0 | 0 | 1 | NW | 25 | NW | 37 | NNW | 16 | — | 3·3 |
| 18 | 55·1 | 54·5 | 55·3 | 31·5 | 21·6 | 25·5 | 29·5 | 25·4 | 91 | 67 | 90 | 22·0 | 20·8 | 21·5 | 0 | 0 | 0 | NNW | 4 | WNW | 16 | NNE | 8 | — | 3·5 |
| 19 | 57·2 | 55·6 | 57·8 | 31·0 | 20·0 | 26·1 | 30·5 | 26·5 | 70 | 62 | 77 | 17·5 | 20·1 | 19·7 | 0 | 0 | 0 | Calm | 0 | NW | 16 | NNW | 8 | — | 3·0 |
| 20 | 59·2 | 57·4 | 58·0 | 34·5 | 19·4 | 25·7 | 31·0 | 27·0 | 73 | 56 | 84 | 17·7 | 18·8 | 22·3 | 0 | 0 | 0 | NNE | 4 | NW | 29 | NNW | 12 | — | 3·6 |
| 21 | 58·7 | 56·4 | 56·5 | 31·8 | 19·6 | 26·5 | 30·0 | 29·5 | 73 | 68 | 52 | 18·7 | 21·5 | 16·0 | 0 | 0 | 0 | N | 16 | NW | 37 | NNW | 25 | — | 5·3 |
| 22 | 57·5 | 55·4 | 55·4 | 30·5 | 24·2 | 26·8 | 29·8 | 29·8 | 68 | 54 | 34 | 17·8 | 16·7 | 10·7 | 0 | 0 | 0 | NW | 25 | NW | 37 | NNW | 25 | — | 11·3 |
| 23 | 57·2 | 55·8 | 56·0 | 31·5 | 22·4 | 26·5 | 28·0 | 28·4 | 66 | 63 | 43 | 17·1 | 17·8 | 12·2 | 0 | 0 | 0 | NW | 12 | WNW | 41 | NNW | 21 | — | 10·6 |
| 24 | 59·3 | 57·2 | 57·6 | 34·5 | 19·5 | 26·1 | 31·0 | 31·6 | 46 | 42 | 20 | 11·3 | 14·1 | 7·0 | 0 | 0 | 0 | N | 4 | NW | 33 | NNW | 12 | — | 10·9 |
| 25 | 60·0 | 58·3 | 59·1 | 34·0 | 20·6 | 26·2 | 31·5 | 28·0 | 76 | 51 | 30 | 19·1 | 17·5 | 8·5 | 0 | 0 | 0 | NW | 25 | NW | 21 | NNW | 16 | — | 7·0 |
| 26 | 59·2 | 57·6 | 57·7 | 29·6 | 18·0 | 25·7 | 27·6 | 27·5 | 53 | 59 | 43 | 13·1 | 16·2 | 11·8 | 0 | 0 | 0 | NNW | 8 | NW | 41 | NNW | 21 | — | 12·4 |
| 27 | 58·8 | 58·2 | 58·8 | 28·5 | 21·8 | 26·5 | 25·6 | 27·0 | 50 | 71 | 56 | 12·7 | 17·4 | 14·8 | 0 | 0 | 0 | NW | 21 | NW | 45 | NNW | 12 | — | 7·8 |
| 28 | 59·8 | 58·8 | 59·3 | 28·1 | 16·5 | 26·0 | 27·5 | 26·7 | 59 | 65 | 59 | 14·6 | 17·6 | 15·2 | 0 | 0 | 0 | NW | 25 | NW | 37 | NNW | 16 | — | 8·2 |
| 29 | 59·7 | 57·4 | 57·5 | 32·2 | 20·0 | 25·1 | 28·0 | 27·4 | 59 | 63 | 54 | 13·9 | 17·8 | 14·6 | 2 | 0 | 2 | NW | 29 | NW | 29 | NNW | 12 | — | 8·8 |
| 30 | 58·4 | 56·7 | 58·0 | 29·5 | 18·0 | 25·5 | 28·5 | 27·0 | 68 | 64 | 67 | 16·4 | 18·4 | 17·7 | 0 | 0 | 0 | NW | 41 | NW | 41 | NNW | 4 | — | 8·9 |
| Month | 57.28 | 55·93 | 56·29 | 31·4 | 21·2 | 26·4 | 28·9 | 28·2 | 66 | 64 | 57 | 16·8 | 18·9 | 15·8 | 0·2 | 0·1 | 0·2 | — | 21·7 | — | 34·2 | — | 15·8 | — | 7·53 |

**Remarks:**—18 ∞.

$C_h = + 0·2$ mm.

## October 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·6 | 57·4 | 57·7 | 27·5 | 22·6 | 25·0 | 26·3 | 26·1 | 62 | 69 | 54 | 14·7 | 17·4 | 13·5 | 0 | 0 | 0 | NW | 29 | WNW | 41 | NNW | 16 | — | 5·9 |
| 2 | 60·0 | 58·9 | 58·9 | 28·8 | 15·9 | 24·6 | 26·5 | 27·4 | 64 | 69 | 47 | 14·7 | 17·8 | 12·8 | 0 | 1 | 0 | NW | 29 | NW | 41 | NNW | 33 | — | 8·8 |
| 3 | 60·6 | 59·2 | 59·1 | 28·0 | 19·5 | 24·5 | 26·5 | 25·4 | 66 | 73 | 65 | 15·1 | 18·7 | 15·8 | 0 | 1 | 0 | NW | 25 | WNW | 41 | NNW | 21 | — | 5·3 |
| 4 | 60·0 | 58·8 | 58·8 | 28·4 | 17·9 | 25·4 | 27·5 | 26·5 | 60 | 67 | 67 | 14·4 | 18·1 | 17·3 | 1 | 1 | 2 | WNW | 29 | WNW | 37 | NNW | 21 | — | 6·2 |
| 5 | 59·0 | 57·5 | 57·5 | 28·2 | 18·9 | 24·1 | 27·4 | 25·5 | 52 | 70 | 75 | 11·6 | 18·9 | 18·0 | 4 | 8 | 6 | NNW | 4 | WNW | 33 | NNW | 8 | — | 3·5 |
| 6 | 58·8 | 57·3 | 57·7 | 29·5 | 17·6 | 23·1 | 28·0 | 24·0 | 68 | 70 | 85 | 14·1 | 19·7 | 18·8 | 4 | 4 | 3 | N | 12 | NW | 12 | N | 1 | — | 3·7 |
| 7 | 58·3 | 57·2 | 57·7 | 30·6 | 17·5 | 24·9 | 29·2 | 25·5 | 42 | 73 | 85 | 9·7 | 22·0 | 20·7 | 1 | 0 | 1 | N | 4 | NW | 12 | NNW | 4 | — | 3·9 |
| 8 | 58·5 | 56·7 | 57·8 | 29·5 | 17·8 | 25·2 | 28·5 | 24·3 | 86 | 69 | 93 | 20·5 | 20·0 | 21·0 | 1 | 2 | 5 | NW | 12 | NW | 25 | N | 8 | — | 2·1 |
| 9 | 59·0 | 57·4 | 57·4 | 33·0 | 11·8 | 25·0 | 31·0 | 27·0 | 76 | 82 | 60 | 17·8 | 27·4 | 15·7 | 6 | 7 | 7 | N | 4 | N | 8 | N | 4 | — | 5·2 |
| 10 | 59·0 | 56·5 | 57·7 | 35·6 | 20·0 | 25·8 | 31·0 | 30·0 | 72 | 50 | 31 | 17·7 | 16·9 | 9·8 | 10 | 3 | 2 | N | 8 | N | 25 | NW | 8 | — | 7·0 |
| 11 | 58·8 | 56·7 | 59·4 | 31·2 | 19·4 | 26·9 | 30·5 | 25·0 | 43 | 58 | 80 | 11·2 | 19·0 | 18·7 | 2 | 1 | 0 | NW | 16 | WNW | 21 | NW | 8 | — | 2·2 |
| 12 | 58·4 | 56·6 | 58·1 | 29·0 | 18·8 | 25·7 | 28·0 | 26·5 | 85 | 63 | 49 | 20·7 | 17·8 | 12·6 | 4 | 5 | 1 | Calm | 0 | NW | 16 | NNW | 12 | — | 2·7 |
| 13 | 59·0 | 57·5 | 58·5 | 29·2 | 20·0 | 26·4 | 28·5 | 24·9 | 74 | 61 | 76 | 19·0 | 17·5 | 17·7 | 2 | 1 | 1 | NW | 4 | NW | 12 | NNW | 8 | — | 3·5 |
| 14 | 58·9 | 58·1 | 58·8 | 34·5 | 19·0 | 24·5 | 31·4 | 26·0 | 64 | 35 | 25 | 14·6 | 12·1 | 6·1 | 0 | 1 | 0 | Calm | 0 | NW | 16 | Calm | 0 | — | 8·3 |
| 15 | 60·5 | 59·3 | 60·1 | 30·5 | 19·0 | 26·1 | 29·0 | 27·1 | 49 | 47 | 41 | 12·3 | 14·1 | 10·9 | 0 | 1 | 0 | NNW | 4 | NW | 33 | NNW | 12 | — | 9·5 |
| 16 | 61·0 | 59·7 | 59·8 | 28·5 | 18·8 | 26·1 | 28·0 | 25·4 | 51 | 67 | 63 | 12·6 | 18·8 | 15·1 | 0 | 1 | 0 | NNW | 12 | NW | 29 | N | 8 | — | 4·5 |
| 17 | 61·2 | 59·3 | 59·6 | 29·5 | 17·0 | 22·5 | 28·5 | 24·2 | 50 | 65 | 60 | 10·2 | 18·8 | 15·3 | 0 | 2 | 1 | N | 8 | NW | 21 | NNW | 4 | — | 4·6 |
| 18 | 59·9 | 58·4 | 59·2 | 29·5 | 14·0 | 23·7 | 29·0 | 24·6 | 31 | 71 | 69 | 6·7 | 21·1 | 15·8 | 3 | 9 | 8 | N | 4 | NW | 8 | NNW | 8 | — | 3·5 |
| 19 | 60·7 | 59·1 | 59·3 | 31·1 | 17·5 | 25·5 | 28·5 | 26·5 | 69 | 55 | 30 | 16·8 | 15·6 | 10·0 | 4 | 8 | 5 | NNW | 33 | NW | 37 | NNW | 29 | — | 12·5 |
| 20 | 60·6 | 59·3 | 59·7 | 27·6 | 21·5 | 25·5 | 26·5 | 24·0 | 44 | 69 | 44 | 10·6 | 17·8 | 9·7 | 4 | 3 | 1 | N | 12 | N | 37 | NNW | 8 | — | 6·3 |
| 21 | 60·9 | 59·3 | 60·0 | 28·5 | 13·4 | 24·1 | 26·0 | 22·4 | 48 | 59 | 52 | 10·5 | 14·6 | 10·3 | 1 | 1 | 0 | N | 4 | N | 21 | NNW | 8 | — | 6·0 |
| 22 | 62·0 | 60·4 | 61·0 | 31·0 | 12·0 | 21·5 | 28·0 | 25·6 | 8 | 44 | 69 | 1·5 | 12·5 | 16·7 | 0 | 1 | 0 | NNE | 4 | N | 12 | NNW | 16 | — | 6·3 |
| 23 | 62·0 | 60·5 | 61·0 | 31·0 | 11·0 | 20·5 | 29·5 | 26·0 | 38 | 24 | 24 | 6·7 | 7·5 | 6·0 | 0 | 1 | 0 | N | 16 | NW | 4 | N | 25 | — | 10·2 |
| 24 | 61·2 | 59·6 | 60·3 | 28·5 | 15·6 | 21·6 | 26·0 | 24·0 | 54 | 39 | 42 | 10·3 | 10·8 | 9·4 | 1 | 2 | 1 | N | 8 | NW | 21 | NW | 8 | — | 7·9 |
| 25 | 61·7 | 59·8 | 61·0 | 28·5 | 16·5 | 22·0 | 28·0 | 24·0 | 46 | 42 | 35 | 9·0 | 11·6 | 7·9 | 0 | 1 | 1 | NNE | 4 | NW | 12 | NNW | 12 | — | 9·4 |
| 26 | 61·9 | 61·0 | 61·0 | 26·5 | 15·6 | 20·5 | 26·5 | 22·9 | 52 | 43 | 41 | 9·3 | 10·9 | 8·5 | 0 | 2 | 0 | N | 4 | N | 25 | NNW | 4 | — | 8·8 |
| 27 | 62·0 | 60·3 | 60·7 | 26·5 | 13·9 | 20·5 | 26·0 | 21·6 | 48 | 52 | 50 | 8·6 | 12·9 | 9·5 | 0 | 1 | 0 | NNE | 4 | NW | 33 | N | 8 | — | 5·5 |
| 28 | 61·1 | 59·1 | 59·9 | 28·5 | 15·7 | 20·1 | 26·5 | 22·0 | 67 | 56 | 39 | 11·8 | 14·3 | 7·7 | 1 | 2 | 1 | NNE | 12 | NW | 29 | N | 12 | — | 6·7 |
| 29 | 61·0 | 59·5 | 60·2 | 26·7 | 15·4 | 20·6 | 26·0 | 23·1 | 68 | 45 | 40 | 12·2 | 11·3 | 8·5 | 1 | 1 | 0 | N | 4 | NW | 33 | NNW | 12 | — | 7·4 |
| 30 | 61·0 | 59·1 | 59·7 | 26·5 | 14·5 | 20·5 | 25·5 | 24·5 | 57 | 55 | 43 | 10·3 | 13·2 | 9·8 | 3 | 2 | 1 | N | 12 | NW | 8 | NNW | 8 | — | 9·6 |
| 31 | 60·9 | 59·6 | 59·9 | 25·4 | 17·9 | 23·0 | 24·5 | 24·0 | 52 | 72 | 64 | 10·8 | 16·3 | 14·3 | 1 | 1 | 0 | NNW | 16 | NW | 33 | NNW | 16 | — | 5·0 |
| Month | 60·21 | 58·68 | 59·29 | 29·3 | 17·0 | 23·7 | 27·9 | 25·0 | 56 | 59 | 55 | 12·5 | 16·3 | 13·0 | 1·7 | 2·4 | 1·5 | — | 10·9 | — | 23·7 | — | 11·3 | — | 6·19 |

**Remarks:**—28 < NNE 19h.

# TOR.

$\varphi = 28° 13' 30''$ N. $\lambda = 33° 37'$ E. H = 1·9 m. $h_t$ = 1·9 m.

$C_h$ = + 0·2 mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (kilometres per hour) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60·9 | 59·5 | 60·0 | 25·5 | 15·0 | 20·4 | 25·0 | 22·6 | 60 | 72 | 55 | 10·7 | 16·9 | 11·1 | 0 | 1 | 4 | NNE | 4 | NW | 29 | NNW | 4 | — | 5·8 |
| 2 | 60·9 | 59·3 | 59·7 | 25·5 | 14·9 | 21·1 | 25·0 | 24·1 | 55 | 62 | 38 | 10·3 | 14·5 | 8·6 | 1 | 1 | 1 | N | 8 | NW | 37 | NNW | 12 | — | 8·8 |
| 3 | 61·8 | 59·4 | 59·3 | 25·0 | 15·7 | 21·0 | 24·5 | 23·0 | 53 | 60 | 53 | 9·8 | 13·8 | 10·9 | 1 | 1 | 1 | NNE | 8 | NW | 25 | NNW | 16 | — | 7·6 |
| 4 | 61·4 | 59·3 | 59·2 | 24·5 | 13·6 | 19·5 | 24·0 | 23·0 | 52 | 63 | 38 | 8·7 | 14·1 | 8·0 | 0 | 9 | 8 | N | 4 | NW | 33 | NNW | 12 | — | 6·5 |
| 5 | 60·2 | 58·7 | 60·2 | 24·5 | 15·2 | 19·6 | 24·0 | 22·5 | 61 | 57 | 51 | 10·5 | 12·5 | 10·3 | 9 | 2 | 1 | NNE | 12 | NW | 41 | NNW | 29 | — | 11·1 |
| 6 | 61·8 | 61·0 | 62·2 | 23·5 | 14·0 | 20·7 | 23·0 | 19·8 | 54 | 66 | 52 | 9·9 | 13·9 | 8·9 | 1 | 1 | 1 | NW | 16 | NW | 41 | N | 4 | — | 6·3 |
| 7 | 62·4 | 61·2 | 61·8 | 24·5 | 15·0 | 20·0 | 24·0 | 19·5 | 52 | 60 | 73 | 8·9 | 13·3 | 12·3 | 0 | 1 | 0 | NNE | 4 | NW | 37 | N | 4 | — | 5·0 |
| 8 | 62·9 | 61·8 | 63·1 | 25·6 | 12·2 | 18·0 | 24·5 | 21·6 | 53 | 55 | 42 | 8·1 | 13·3 | 8·1 | 1 | 7 | 8 | N | 4 | NW | 16 | Calm | 0 | — | 4·9 |
| 9 | 63·5 | 61·8 | 62·3 | 26·0 | 14·0 | 19·0 | 25·5 | 20·8 | 42 | 62 | 56 | 6·9 | 14·9 | 10·2 | 9 | 1 | 0 | N | 4 | NW | 21 | N | 8 | — | 4·0 |
| 10 | 62·4 | 60·0 | 60·5 | 25·7 | 14·0 | 21·0 | 24·5 | 24·7 | 49 | 57 | 39 | 9·0 | 13·1 | 9·0 | 0 | 2 | 0 | N | 4 | WNW | 45 | NNW | 21 | — | 7·0 |
| 11 | 61·2 | 60·9 | 61·2 | 24·8 | 17·0 | 21·0 | 23·5 | 21·6 | 57 | 71 | 58 | 10·5 | 15·2 | 10·9 | 0 | 1 | 1 | N | 29 | NW | 41 | NNW | 8 | — | 5·6 |
| 12 | 61·4 | 60·9 | 60·7 | 24·5 | 15·0 | 20·5 | 23·5 | 22·5 | 55 | 63 | 41 | 9·9 | 13·6 | 8·3 | 1 | 0 | 1 | NNW | 25 | WNW | 41 | NNW | 33 | — | 11·0 |
| 13 | 62·9 | 62·2 | 62·3 | 25·0 | 13·0 | 18·0 | 24·5 | 18·5 | 40 | 47 | 60 | 6·2 | 10·6 | 9·4 | 0 | 0 | 0 | NNE | 4 | NW | 21 | N | 4 | — | 6·7 |
| 14 | 64·0 | 62·3 | 62·8 | 24·5 | 11·0 | 15·0 | 24·0 | 17·0 | 46 | 46 | 56 | 5·8 | 10·1 | 8·1 | 0 | 2 | 0 | N | 12 | N | 16 | N | 4 | — | 6·6 |
| 15 | 62·4 | 60·0 | 59·7 | 27·2 | 10·0 | 15·0 | 25·0 | 22·0 | 53 | 51 | 67 | 6·6 | 11·9 | 13·2 | 1 | 8 | 8 | NNE | 4 | NNW | 8 | N | 8 | — | 4·7 |
| 16 | 60·5 | 60·3 | 61.3 | 26·6 | 14·2 | 19·5 | 26·5 | 20·0 | 54 | 28 | 48 | 9·1 | 7·1 | 8·4 | 0 | 0 | 0 | NNE | 4 | NW | 16 | N | 8 | — | 6·7 |
| 17 | 63·3 | 61·9 | 62·9 | 25·5 | 12·6 | 13·5 | 24·5 | 17·7 | 62 | 43 | 65 | 7·2 | 9·8 | 9·8 | 1 | 1 | 3 | N | 12 | N | 12 | N | 12 | — | 4·7 |
| 18 | 62·7 | 61·3 | 61·8 | 25·6 | 11·6 | 16·5 | 24·5 | 20·5 | 62 | 53 | 68 | 8·6 | 12·2 | 12·1 | 1 | 1 | 1 | NNE | 16 | N | 12 | NNW | 4 | — | 4·2 |
| 19 | 61·9 | 60·0 | 60·3 | 26·9 | 16·1 | 19·0 | 24·5 | 23·5 | 49 | 60 | 79 | 8·1 | 13·8 | 17·0 | 2 | 1 | 4 | N | 4 | NW | 21 | NNW | 12 | — | 4·0 |
| 20 | 61·4 | 61·4 | 63·1 | 24·0 | 19·0 | 21·6 | 23·5 | 20·7 | 61 | 56 | 52 | 11·6 | 12·0 | 9·4 | 9 | 6 | 8 | NNW | 16 | NW | 25 | NNW | 12 | — | 10·8 |
| 21 | 63·4 | 62·3 | 63·4 | 23·0 | 18·0 | 20·0 | 22·5 | 16·6 | 41 | 70 | 65 | 7·2 | 14·2 | 9·1 | 2 | 0 | 1 | NNW | 16 | NW | 37 | N | 8 | — | 6·4 |
| 22 | 62·7 | 60·4 | 60·7 | 23·0 | 11·5 | 14·1 | 22·0 | 19·0 | 52 | 58 | 49 | 6·2 | 11·4 | 8·1 | 1 | 1 | 0 | N | 12 | NW | 21 | NNW | 12 | — | 5·4 |
| 23 | 61·0 | 59·3 | 60·5 | 23·5 | 13·4 | 17·4 | 23·0 | 19·0 | 57 | 41 | 47 | 8·5 | 8·6 | 7·7 | 2 | 2 | 2 | N | 12 | NW | 25 | N | 8 | — | 6·4 |
| 24 | 62·0 | 60·3 | 62·3 | 23·0 | 11·0 | 19·1 | 21·5 | 21·2 | 63 | 62 | 52 | 10·5 | 11·7 | 9·6 | 2 | 2 | 3 | N | 4 | NW | 37 | N | 33 | — | 10·5 |
| 25 | 63·6 | 62·1 | 63·1 | 22·2 | 14·4 | 19·9 | 21·5 | 17·4 | 48 | 66 | 60 | 8·3 | 12·4 | 8·9 | 0 | 10 | 0 | NW | 25 | NW | 25 | N | 4 | — | 5·4 |
| 26 | 63·3 | 61·7 | 62·4 | 22·0 | 14·1 | 16·0 | 21·5 | 17·0 | 63 | 62 | 67 | 8·5 | 11·7 | 9·6 | 1 | 1 | 0 | N | 8 | NW | 37 | NNW | 12 | — | 4·0 |
| 27 | 62·6 | 61·3 | 60·9 | 22·0 | 12·5 | 13·7 | 22·0 | 17·0 | 60 | 64 | 72 | 7·0 | 12·4 | 10·4 | 0 | 1 | 0 | N | 8 | NW | 29 | N | 8 | — | 3·4 |
| 28 | 61·3 | 59·4 | 59·6 | 22·2 | 12·7 | 14·0 | 21·6 | 17·0 | 58 | 65 | 52 | 6·9 | 12·4 | 7·4 | 0 | 3 | 1 | N | 4 | NW | 41 | N | 8 | — | 4·3 |
| 29 | 60·7 | 58·8 | 58·6 | 23·2 | 13·0 | 13·0 | 22·0 | 15·5 | 57 | 58 | 50 | 6·4 | 11·4 | 6·6 | 8 | 9 | 6 | N | 4 | NW | 16 | N | 8 | — | 3·6 |
| 30 | 60·5 | 59·6 | 60·7 | 22·9 | 13·0 | 14·5 | 21·5 | 17·8 | 60 | 57 | 47 | 7·4 | 10·8 | 7·1 | 3 | 8 | 4 | N | 21 | WNW | 25 | NNW | 12 | — | 5·2 |
| Month | 62·03 | 60·61 | 61·22 | 24·4 | 13·9 | 18·1 | 23·6 | 20·1 | 54 | 58 | 55 | 8·4 | 12·5 | 9·6 | 1·9 | 2·8 | 2·2 | — | 10·3 | — | 27·7 | — | 10·9 | — | 6·22 |

**Remarks:**—12 ⚡.—20 ● $9^h$–$9^{10}$.

$C_h$ = + 0·2 mm.

## December 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Vel. | Rain (mm.) | Evaporation (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 62·8 | 61·1 | 63·5 | 23·0 | — | 14·0 | 21·0 | 19·8 | 58 | 65 | 47 | 6·9 | 12·0 | 8·0 | 9 | 9 | 9 | N | 8 | NW | 16 | N | 8 | — | 3·4 |
| 2 | 61·8 | 59·7 | 60·7 | 27·0 | — | 17·1 | 25·0 | 20·8 | 56 | 44 | 76 | 8·1 | 10·3 | 13·8 | 10 | 10 | 10 | NNE | 4 | NNW | 8 | N | 4 | — | 4·3 |
| 3 | 62·3 | 61·5 | 63·3 | 23·5 | — | 19·0 | 21·0 | 18·5 | 46 | 38 | 45 | 7·5 | 7·0 | 7·0 | 3 | 8 | 6 | NNW | 25 | NW | 16 | NW | 33 | — | 10·6 |
| 4 | 63·7 | 62·4 | 63·6 | 21·2 | — | 18·1 | 20·0 | 19·0 | 58 | 72 | 46 | 9·0 | 12·6 | 7·5 | 3 | 2 | 2 | N | 12 | WNW | 37 | NNW | 16 | — | 9·6 |
| 5 | 64·0 | 63·4 | 63·9 | 21·7 | — | 15·0 | 20·5 | 18·5 | 74 | 69 | 42 | 9·4 | 12·3 | 6·5 | 1 | 1 | 0 | N | 4 | NW | 37 | N | 16 | — | 6·9 |
| 6 | 64·5 | 60·9 | 60·7 | 21·5 | — | 12·6 | 20·5 | 13·2 | 53 | 52 | 57 | 5·8 | 9·3 | 6·5 | 9 | 9 | 7 | NNE | 8 | NW | 12 | NNW | 4 | — | 4·1 |
| 7 | 60·2 | 59·7 | 60·4 | 26·6 | — | 16·5 | 20·5 | 14·0 | 45 | 41 | 60 | 6·2 | 7·3 | 7·1 | 1 | 1 | 2 | N | 21 | NW | 12 | N | 8 | — | 6·4 |
| 8 | 61·9 | 59·8 | 59·7 | 21·7 | — | 13·5 | 21·0 | 14·0 | 62 | 45 | 56 | 7·2 | 8·3 | 6·6 | 8 | 2 | 1 | N | 8 | NW | 12 | NNW | 8 | — | 3·7 |
| 9 | 60·1 | 58·7 | 59·2 | 23·0 | — | 12·4 | 20·0 | 13·8 | 61 | 47 | 54 | 6·5 | 8·3 | 6·3 | 2 | 1 | 0 | N | 16 | NW | 4 | N | 8 | — | 4·1 |
| 10 | 60·1 | 58·1 | 57·8 | 22·0 | — | 15·1 | 22·0 | 17·5 | 44 | 22 | 53 | 5·6 | 4·4 | 7·9 | 0 | 0 | 8 | NE | 16 | NW | 33 | N | 16 | — | 7·2 |
| 11 | 60·2 | 60·0 | 61·5 | 21·1 | — | 10·5 | 19·5 | 14·1 | 57 | 35 | 32 | 5·4 | 5·9 | 3·9 | 6 | 0 | 0 | NNE | 8 | W | 8 | N | 8 | — | 4·1 |
| 12 | 63·9 | 61·8 | 62·3 | 23·9 | — | 13·6 | 20·5 | 15·4 | 60 | 37 | 41 | 7·0 | 6·6 | 5·4 | 3 | 0 | 0 | N | 12 | N | 8 | ESE | 8 | — | 4·0 |
| 13 | 62·8 | 61·3 | 62·4 | 22·5 | — | 10·5 | 21·5 | 15·7 | 69 | 32 | 39 | 6·5 | 6·0 | 5·2 | 0 | 1 | 1 | N | 8 | N | 8 | N | 12 | — | 4·1 |
| 14 | 63·2 | 61·4 | 62·4 | 19·5 | — | 14·1 | 19·0 | 15·1 | 62 | 42 | 43 | 7·4 | 6·9 | 5·5 | 2 | 3 | 9 | N | 12 | NW. | 12 | N | 8 | — | 4·7 |
| 15 | 63·4 | 61·8 | 61·6 | 19·0 | — | 12·0 | 19·0 | 14·5 | 67 | 46 | 56 | 7·0 | 7·5 | 6·9 | 2 | 5 | 7 | N | 21 | WNW | 25 | N | 8 | — | 5·4 |
| 16 | 61·7 | 60·5 | 61·8 | 20·5 | 9·0 | 12·1 | 19·5 | 18·4 | 62 | 43 | 56 | 6·5 | 7·2 | 8·8 | 7 | 8 | 6 | N | 12 | NW | 8 | WNW | 37 | — | 8·3 |
| 17 | 63·9 | 63·8 | 65·6 | 18·5 | 11·5 | 15·0 | 17·0 | 13·3 | 53 | 34 | 58 | 6·8 | 4·9 | 6·6 | 2 | 4 | 3 | WNW | 29 | N | 25 | NNW | 16 | — | 5·8 |
| 18 | 67·0 | 62·8 | 66·9 | 18·5 | 10·0 | 13·4 | 17·5 | 15·0 | 60 | 42 | 40 | 6·9 | 5·9 | 5·1 | 6 | 1 | 2 | N | 8 | NW | 25 | NNW | 21 | — | 8·0 |
| 19 | 68·0 | 66·4 | 67·2 | 19·6 | 10·0 | 14·0 | 19·0 | 13·5 | 41 | 46 | 65 | 4·9 | 7·5 | 7·5 | 1 | 5 | 1 | N | 25 | NW | 21 | NNW | 8 | — | 6·1 |
| 20 | 67·2 | 65·7 | 66·0 | 19·1 | 5·2 | 8·4 | 18·5 | 16·7 | 69 | 58 | 47 | 5·7 | 9·2 | 6·6 | 1 | 0 | 0 | N | 21 | WNW | 37 | NW | 21 | — | 6·5 |
| 21 | 67·2 | 65·2 | 65·3 | 20·0 | 6·5 | 10·1 | 19·5 | 16·6 | 62 | 50 | 55 | 5·7 | 10·0 | 7·7 | 0 | 0 | 0 | N | 12 | NW | 33 | N | 16 | — | 5·3 |
| 22 | 66·0 | 65·1 | 66·9 | 19·0 | 9·6 | 15·1 | 19·0 | 15·6 | 58 | 58 | 60 | 7·4 | 9·6 | 7·9 | 2 | 6 | 0 | NNW | 16 | N | 29 | NNW | 21 | — | 6·8 |
| 23 | 69·0 | 65·8 | 69·9 | 19·5 | 11·4 | 14·0 | 18·5 | 13·7 | 57 | 58 | 66 | 6·7 | 9·2 | 7·7 | 2 | 1 | 0 | NNE | 16 | NW | 29 | NNW | 4 | — | 4·7 |
| 24 | 71·9 | 70·7 | 71·0 | 19·0 | 4·5 | 7·0 | 18·5 | 13·0 | 71 | 54 | 69 | 5·3 | 8·5 | 7·7 | 1 | 0 | 0 | N | 16 | NNW | 21 | N | 8 | — | 3·0 |
| 25 | 71·3 | 66·9 | 69·5 | 20·0 | 3·7 | 7·0 | 19·0 | 11·3 | 69 | 54 | 55 | 5·1 | 8·9 | 5·5 | 2 | 1 | 0 | N | 12 | WNW | 16 | N | 4 | — | 3·0 |
| 26 | 69·1 | 67·0 | 67·0 | 21·0 | 4·5 | 8·0 | 20·5 | 12·0 | 55 | 52 | 42 | 4·3 | 9·3 | 4·3 | 0 | 1 | 0 | NNE | 16 | WNW | 21 | N | 4 | — | 3·6 |
| 27 | 67·8 | 65·0 | 65·0 | 21·0 | 4·1 | 8·5 | 20·5 | 15·6 | 41 | 52 | 26 | 3·4 | 9·3 | 3·4 | 0 | 1 | 1 | NNE | 8 | NW | 29 | N | 16 | — | 6·8 |
| 28 | 66·2 | 64·9 | 65·5 | 21·6 | 7·8 | 12·0 | 18·5 | 13·6 | 65 | 62 | 64 | 6·8 | 9·9 | 7·5 | 0 | 0 | 0 | NE | 16 | NNW | 27 | N | 8 | — | 4·7 |
| 29 | 65·8 | 64·9 | 66·0 | 20·0 | 4·3 | 7·4 | 19·0 | 13·5 | 68 | 63 | 72 | 5·2 | 10·3 | 8·3 | 1 | 10 | 4 | N | 16 | ENE | 12 | ENE | 4 | — | 3·4 |
| 30 | 66·2 | 65·3 | 65·9 | 22·0 | 6·5 | 11·7 | 21·5 | 14·5 | 70 | 66 | 58 | 7·2 | 12·4 | 7·2 | 10 | 10 | 4 | NNE | 8 | NNW | 4 | NNE | 8 | — | 2·7 |
| | 67·2 | 65·5 | 65·9 | 21·8 | 7·5 | 10·0 | 21·5 | 13·8 | 69 | 62 | 63 | 6·4 | 11·7 | 7·5 | 2 | 3 | 2 | N | 16 | N | 16 | N | 12 | — | 4·5 |
| Month | 64·85 | 63·29 | 64·14 | 21·1 | — | 12·5 | 20·0 | 15·3 | 59 | 50 | 53 | 6·4 | 8·7 | 6·9 | 3.1 | 3·3 | 2·7 | — | 13·9 | — | 19·4 | — | 12·0 | — | 5·35 |

**Remarks:**—13 ∞.

# ASSIUT.

$\varphi = 27^\circ\ 11'$ N. $\lambda = 31^\circ\ 12'\ 36''$ E. H = 55·4 m. $h_t = 2\cdot0$ m.

$C_h$ = + 5 mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 64·2 | 61·2 | 61·1 | 18·0 | 6·5 | 10·2 | 17·6 | 11·4 | 84 | 47 | 83 | 7·8 | 7·1 | 8·3 | 0 | 0 | 0 | NW | 2 | NNE | 3 | NNE | 2 | — | 1·4 |
| 2 | 61·7 | 60·4 | 61·0 | 17·5 | 9·5 | 11·6 | 17·0 | 12·4 | 86 | 43 | 61 | 8·7 | 6·2 | 6·5 | 0 | 0 | 0 | NW | 2 | N | 3 | N | 2 | — | 1·8 |
| 3 | 63·4 | 61·3 | 62·2 | 19·0 | 4·5 | 8·4 | 18·4 | 12·0 | 78 | 29 | 54 | 6·4 | 4·6 | 5·6 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 1·6 |
| 4 | 62·7 | 60·8 | 61·5 | 17·5 | 4·5 | 8·0 | 16·6 | 10·4 | 78 | 53 | 70 | 6·2 | 7·4 | 6·6 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 1·6 |
| 5 | 62·5 | 59·9 | 60·4 | 18·5 | 5·0 | 9·6 | 17·2 | 11·8 | 79 | 50 | 78 | 7·0 | 7·3 | 8·1 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 1·6 |
| 6 | 58·4 | 57·3 | 56·7 | 20·0 | 8·0 | 10·8 | 19·0 | 12·6 | 83 | 49 | 75 | 8·0 | 8·1 | 8·1 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 2·0 |
| 7 | 58·2 | 55·8 | 56·4 | 19·0 | 7·0 | 7·4 | 18·0 | 12·0 | 100 | 51 | 86 | 7·7 | 7·9 | 8·9 | 3 | 0 | 0 | NW | 2 | NNE | 3 | NNW | 2 | — | 2·0 |
| 8 | 60·5 | 59·3 | 58·3 | 16·5 | 5·5 | 9·8 | 16·2 | 12·8 | 74 | 31 | 47 | 6·7 | 4·2 | 5·1 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 4·0 |
| 9 | 61·7 | 59·7 | 59·0 | 18·5 | 5·5 | 8·4 | 18·0 | 13·0 | 70 | 36 | 55 | 5·8 | 5·5 | 6·2 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 3·0 |
| 10 | 61·4 | 5[illegible]·1 | 57·5 | 18·0 | 6·5 | 11·2 | 17·4 | 12·0 | 59 | 52 | 69 | 5·9 | 7·7 | 7·2 | 0 | 0 | 0 | NE | 2 | NW | 2 | NW | 2 | — | 2·5 |
| 11 | 57·5 | 56·0 | 58·3 | 21·0 | 11·0 | 14·0 | 19·8 | 13·0 | 61 | 29 | 64 | 7·2 | 5·0 | 7·1 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 2·5 |
| 12 | 60·4 | 58·1 | 59·2 | 20·0 | 6·0 | 13·2 | 19·2 | 12·8 | 53 | 22 | 61 | 6·0 | 3·6 | 6·8 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 2·0 |
| 13 | 60·6 | 59·2 | 60·2 | 19·0 | 5·5 | 9·4 | 17·6 | 12·0 | 61 | 51 | 76 | 5·4 | 7·6 | 8·0 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 2·0 |
| 14 | 62·7 | 60·7 | 61·0 | 20·5 | 6·5 | 9·8 | 19·0 | 13·6 | 71 | 45 | 64 | 6·5 | 7·3 | 7·5 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 2·0 |
| 15 | 60·7 | 58·2 | 58·9 | 20·0 | 7·0 | 10·6 | 18·6 | 12·6 | 74 | 37 | 59 | 7·2 | 6·0 | 6·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 2·0 |
| 16 | 59·1 | 57·6 | 58·3 | 17.5 | 6·0 | 8·0 | 16·6 | 11·2 | 75 | 41 | 66 | 6·0 | 5·7 | 6·5 | 0 | 0 | 0 | NW | 2 | WNW | 3 | WNW | 2 | — | 2·8 |
| 17 | 59·5 | 58·3 | 59·7 | 19·0 | 6·0 | 10·6 | 18·2 | 11·6 | 70 | 40 | 62 | 6·6 | 6·2 | 6·3 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 2·6 |
| 18 | 63·5 | 62·1 | 63·0 | 18·5 | 9·0 | 12·4 | 17·8 | 11·4 | 70 | 55 | 93 | 7·5 | 8·2 | 9·3 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 1·0 |
| 19 | 65·9 | 64·2 | 63·4 | 20·0 | 6·0 | 10·4 | 18·4 | 12·6 | 80 | 47 | 72 | 7·5 | 7·4 | 7·8 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 2·0 |
| 20 | 65·0 | 62·8 | 62·6 | 20·0 | 7·0 | 10·2 | 18·2 | 11·8 | 74 | 37 | 76 | 6·9 | 5·7 | 7·8 | 0 | 0 | 0 | NW | 2 | NNE | 3 | NW | 2 | — | 2·0 |
| 21 | 62·5 | 60·6 | 61·6 | 23·0 | 5·0 | 9·0 | 20·2 | 10·2 | 76 | 37 | 90 | 6·5 | 6·5 | 8·3 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 3·5 |
| 22 | 61·7 | 59·7 | 60·5 | 20·5 | 5·5 | 8·4 | 18·6 | 12·2 | 87 | 51 | 56 | 7·1 | 8·0 | 6·0 | 0 | 0 | 0 | NW | 2 | NW | 3 | NW | 2 | — | 2·5 |
| 23 | 60·4 | 59·0 | 59·7 | 19·5 | 6·0 | 9·0 | 17·8 | 11·4 | 81 | 41 | 69 | 7·0 | 6·2 | 6·9 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NW | 2 | — | 2·5 |
| 24 | 61·1 | 59·4 | 60·1 | 19·5 | 6·5 | 11·8 | 18·8 | 13·8 | 69 | 41 | 62 | 7·1 | 6·6 | 7·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NW | 2 | — | 2·5 |
| 25 | 63·9 | 62·7 | 62·2 | 18·0 | 5·5 | 8·9 | 17·0 | 12·2 | 59 | 43 | 54 | 5·0 | 6·2 | 5·7 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 4·0 |
| 26 | 63·9 | 62·5 | 61·2 | 20·0 | 6·0 | 8·6 | 18·8 | 12·2 | 76 | 36 | 67 | 6·3 | 5·8 | 7·1 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 3·0 |
| 27 | 61·7 | 59·5 | 59·7 | 21·0 | 5·0 | 8·2 | 19·6 | 11·6 | 83 | 38 | 71 | 6·8 | 6·4 | 7·2 | 0 | 0 | 0 | NW | 2 | WNW | 2 | WNW | 2 | — | 3·5 |
| 28 | 61·0 | 59·6 | 61·3 | 19·0 | 6·0 | 8·8 | 18·6 | 11·0 | 68 | 31 | 65 | 5·8 | 5·0 | 6·4 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 2·4 |
| 29 | 63·6 | 61·5 | 61·9 | 20·5 | 6·0 | 8·0 | 19·4 | 13·4 | 72 | 37 | 62 | 5·8 | 6·2 | 7·1 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 2·0 |
| 30 | 60·8 | 58·8 | 59·5 | 20·5 | 6·5 | 11·0 | 19·8 | 12·2 | 68 | 32 | 70 | 6·6 | 5·5 | 7·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 2·4 |
| 31 | 61·0 | 59·2 | 59·9 | 20·5 | 19·7 | 9·8 | 19·8 | 15·0 | 59 | 33 | 49 | 5·4 | 5·7 | 6·1 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| Month | 61·65 | 59·79 | 60·23 | 19·4 | 6·4 | 9·9 | 18·3 | 12·2 | 73 | 41 | 67 | 6·7 | 6·3 | 7·1 | 0·1 | 0·0 | 0·0 | — | 2·0 | — | 2·2 | — | 2·0 | — | 2·38 |

**Remarks:—**

$C_h$ = + 5 mm.

## February 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·1 | 59·6 | 60·8 | 21·5 | 8·0 | 10·6 | 20·6 | 13·8 | 65 | 38 | 65 | 6·2 | 6·8 | 7·6 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 3·0 |
| 2 | 63·8 | 61·5 | 62·6 | 19·0 | 6·0 | 10·6 | 18·0 | 12·8 | 80 | 39 | 68 | 7·6 | 6·1 | 7.5 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 4·0 |
| 3 | 62·0 | 60·0 | 59·3 | 20·0 | 6·0 | 8·8 | 19·6 | 11·2 | 76 | 29 | 61 | 6·4 | 4·8 | 6·1 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 4·0 |
| 4 | 60·0 | 57·4 | 58·4 | 17·0 | 3·5 | 7·6 | 15·6 | 10·0 | 74 | 48 | 69 | 5·8 | 6·3 | 6·4 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 4·0 |
| 5 | 59·6 | 58·9 | 58·5 | 18·0 | 6·5 | 9·6 | 17·2 | 12·4 | 76 | 41 | 61 | 6·8 | 6·0 | 6·5 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 2·8 |
| 6 | 60·7 | 59·5 | 61·3 | 23·0 | 6·5 | 8·8 | 21·2 | 12·6 | 84 | 22 | 44 | 7·1 | 4·1 | 4·8 | 0 | 0 | 0 | WNW | 2 | NNW | 2 | NNW | 2 | — | 3·4 |
| 7 | 63·6 | 62·1 | 61·8 | 21·0 | 4·5 | 7·8 | 20·0 | 12·2 | 72 | 37 | 52 | 5·7 | 6·4 | 5·5 | 0 | 0 | 0 | WNW | 2 | WNW | 2 | WNW | 2 | — | 5·0 |
| 8 | 62·9 | 60·7 | 60·9 | 21·5 | 5·0 | 7·0 | 20·6 | 13·0 | 61 | 30 | 51 | 4·5 | 5·5 | 5·7 | 0 | 0 | 0 | NW | 2 | WNW | 2 | WNW | 2 | — | 4·0 |
| 9 | 59·7 | 57·6 | 57·7 | 21·5 | 7·0 | 10·0 | 20·6 | 12·8 | 69 | 39 | 57 | 6·4 | 7·1 | 6·3 | 2 | 1 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 4·0 |
| 10 | 58·0 | 56·4 | 56·6 | 19·0 | 5·5 | 9·2 | 18·0 | 15·0 | 76 | 53 | 58 | 6·6 | 8·1 | 7·4 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| 11 | 57·7 | 56·2 | 56·9 | 19·5 | 8·0 | 10·6 | 18·0 | 14·0 | 77 | 48 | 59 | 7·4 | 7·3 | 7·0 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| 12 | 57·1 | 55·2 | 55·4 | 19·5 | 6·5 | 12·4 | 18·6 | 14·2 | 70 | 44 | 61 | 7·5 | 7·0 | 7·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 3·4 |
| 13 | 58·0 | 55·4 | 57·9 | 16·5 | 10·0 | 12·6 | 15·8 | 13·2 | 68 | 61 | 68 | 7·3 | 8·1 | 7·7 | 2 | 3 | 2 | NNE | 2 | NNW | 2 | NNW | 2 | — | 2·6 |
| 14 | 56·6 | 52·1 | 53·5 | 16·5 | 10·0 | 11·6 | 16·0 | 11·2 | 84 | 59 | 57 | 8·4 | 8·0 | 5·6 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 3·0 |
| 15 | 58·0 | 56·7 | 57·5 | 19·0 | 5·5 | 10·6 | 17·2 | 10·8 | 63 | 31 | 56 | 6·0 | 4·6 | 5·4 | 0 | 0 | 0 | WNW | 2 | NW | 2 | NNW | 2 | — | 3·0 |
| 16 | 58·7 | 55·4 | 56·0 | 23·0 | 5·5 | 10·8 | 22·6 | 13·0 | 54 | 20 | 43 | 5·2 | 4·0 | 4·8 | 0 | 0 | 0 | NNW | 2 | WNW | 2 | NNW | 2 | — | 4·0 |
| 17 | 58·5 | 57·3 | 59·0 | 16·5 | 7·0 | 11·4 | 15·8 | 9·6 | 43 | 21 | 59 | 4·4 | 2·9 | 5·3 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 2 | — | 5·0 |
| 18 | 61·1 | 59·3 | 59·0 | 17·5 | 4·0 | 9·4 | 16·4 | 9·8 | 61 | 42 | 79 | 5·4 | 5·8 | 7·1 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 4·0 |
| 19 | 61·0 | 59·6 | 60·4 | 19·0 | 5·5 | 9·2 | 18·0 | 13·0 | 58 | 34 | 55 | 5·1 | 5·3 | 6·2 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 4·0 |
| 20 | 62·3 | 60·5 | 60·5 | 23·0 | 6·0 | 10·8 | 21·4 | 14·4 | 58 | 31 | 51 | 5·7 | 5·8 | 6·3 | 0 | 0 | 0 | NNE | 2 | NW | 2 | NW | 2 | — | 4·0 |
| 21 | 62·0 | 61·0 | 59·7 | 24·5 | 7·5 | 12·6 | 22·4 | 16·0 | 52 | 31 | 48 | 5·7 | 6·2 | 6·5 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 4·0 |
| 22 | 60·1 | 58·0 | 57·2 | 26·5 | 10·0 | 14·4 | 25·8 | 16·0 | 49 | 33 | 69 | 6·0 | 8·1 | 9·4 | 0 | 0 | 0 | NNW | 2 | SSW | 2 | NNW | 2 | — | 5·0 |
| 23 | 56·2 | 53·4 | 52·2 | 27·0 | 11·0 | 14·0 | 26·0 | 18·4 | 55 | 33 | 50 | 6·5 | 8·0 | 7·9 | 0 | 0 | 0 | NNW | 2 | SSE | 2 | NW | 2 | — | 7·0 |
| 24 | 56·2 | 55·6 | 57·0 | 23·0 | 11·5 | 17·0 | 22·4 | 13·2 | 61 | 18 | 57 | 8·7 | 3·6 | 6·5 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 6·5 |
| 25 | 59·8 | 58·7 | 59·3 | 21·5 | 9·5 | 13·6 | 20·4 | 13·0 | 50 | 39 | 68 | 5·8 | 6·9 | 7·6 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 7·0 |
| 26 | 61·3 | 59·1 | 59·8 | 21·0 | 8·5 | 11·6 | 19·8 | 14·8 | 62 | 39 | 54 | 6·3 | 6·8 | 6·8 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 5·0 |
| 27 | 61·1 | 59·1 | 60·0 | 21·0 | 7·5 | 10·6 | 20·4 | 15·0 | 72 | 34 | 58 | 6·8 | 6·1 | 7·4 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 5·4 |
| 28 | 60·8 | 56·3 | 58·6 | 21·0 | 8·0 | 11·0 | 20·6 | 15·2 | 70 | 36 | 60 | 6·9 | 6·5 | 7·8 | 0 | 0 | 0 | NW | 2 | NNE | 3 | NNE | 2 | — | 5·4 |
| Month | 59·92 | 58·02 | 58·49 | 20·6 | 7·1 | 10·9 | 19·6 | 13·2 | 66 | 37 | 58 | 6·4 | 6·2 | 6·7 | 0·1 | 0·1 | 0·1 | — | 2·0 | — | 2·2 | — | 2·0 | — | 4·23 |

**Remarks:—**

# ASSIUT.

$\varphi = 27° 11' N.$ $\lambda = 31° 12' 36'' E.$ $H = 55·4$ m. $h_t = 2·0$ m.

$C_h = +5$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·2 | 56·3 | 55·9 | 23·5 | 6·5 | 10·6 | 22·2 | 16·4 | 72 | 36 | 58 | 6·8 | 7·2 | 8·0 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 5·5 |
| 2 | 54·9 | 52·9 | 52·9 | 31·0 | 9·0 | 12·4 | 28·2 | 19·8 | 65 | 34 | 47 | 7·0 | 9·7 | 8·1 | 0 | 0 | 0 | NNW | 2 | SSE | 2 | NNW | 2 | — | 5·0 |
| 3 | 55·4 | 54·4 | 54·6 | 23·0 | 11·0 | 15·0 | 22·0 | 16·2 | 43 | 26 | 42 | 5·4 | 5·2 | 5·7 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 4 | — | 7·0 |
| 4 | 59·9 | 58·1 | 59·7 | 16·0 | 6·5 | 8·6 | 13·2 | 10·4 | 81 | 47 | 51 | 6·7 | 5·4 | 4·8 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 8·0 |
| 5 | 61·6 | 60·1 | 60·4 | 15·0 | 2·0 | 8·2 | 13·8 | 9·9 | 67 | 45 | — | 5·5 | 5·2 | — | 0 | 0 | 0 | NNW | 2 | WNW | 2 | WNW | 2 | — | 5·0 |
| 6 | 60·9 | 59·2 | 61·0 | 17·5 | 5·0 | 9·8 | 16·6 | 10·2 | 47 | 37 | 76 | 4·3 | 5·2 | 7·0 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 5·0 |
| 7 | 62·7 | 61·2 | 62·1 | 19·0 | 6·0 | 9·4 | 18·2 | 12·4 | 82 | 38 | 59 | 7·2 | 6·0 | 6·3 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 4·0 |
| 8 | 63·6 | 61·4 | 61·6 | 18·5 | 5·5 | 10·2 | 17·6 | 11·4 | 67 | 35 | 61 | 6·2 | 5·3 | 6·2 | 0 | 0 | 0 | NNW | 2 | NNE | 2 | NNW | 2 | — | 5·0 |
| 9 | 60·1 | 58·7 | 58·3 | 22·0 | 6·0 | 8·2 | 21·0 | 16·0 | 70 | 37 | 52 | 5·7 | 6·9 | 7·0 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 5·0 |
| 10 | 60·2 | 58·4 | 58·8 | 20·5 | 6·0 | 11·6 | 19·8 | 13·4 | 79 | 36 | 64 | 8·0 | 6·2 | 7·3 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 5·0 |
| 11 | 60·1 | 58·3 | 58·3 | 24·5 | 6·5 | 11·4 | 22·0 | 15·0 | 69 | 29 | 52 | 6·9 | 5·7 | 6·6 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 6·0 |
| 12 | 59·1 | 57·7 | 59·2 | 22·0 | 7·0 | 11·8 | 21·0 | 15·8 | 67 | 27 | 48 | 6·9 | 5·0 | 6·4 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 4·0 |
| 13 | 62·4 | 61·0 | 61·1 | 18·8 | 7·0 | 11·6 | 17·8 | 13·7 | 79 | 32 | 52 | 8·0 | 4·9 | 6·1 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 2 | — | 5·6 |
| 14 | 62·7 | 60·6 | 61·4 | 20·5 | 8·8 | 10·2 | 19·8 | 15·0 | 70 | 33 | 43 | 6·5 | 5·7 | 5·4 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 5·0 |
| 15 | 63·1 | 60·6 | 61·2 | 21·0 | 6·0 | 9·4 | 19·6 | 16·2 | 59 | 23 | 31 | 5·2 | 3·9 | 4·2 | 0 | 0 | 0 | NNW | 3 | NNE | 3 | NNE | 3 | — | 6·4 |
| 16 | 62·2 | 60·0 | 60·1 | 23·0 | 3·5 | 8·8 | 22·0 | 15·0 | 68 | 13 | 43 | 5·8 | 2·6 | 5·4 | 0 | 0 | 0 | NNW | 2 | NNE | 2 | NNE | 2 | — | 6·4 |
| 17 | 59·7 | 56·7 | 55·5 | 23·0 | 4·5 | 8·2 | 21·6 | 13·6 | 67 | 22 | 54 | 5·5 | 4·1 | 6·3 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 6·0 |
| 18 | 55·6 | 53·8 | 55·6 | 22·5 | 6·0 | 9·4 | 20·8 | 14·2 | 79 | 31 | 49 | 6·9 | 5·6 | 5·9 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 5·0 |
| 19 | 59·7 | 58·6 | 59·7 | 22·0 | 7·5 | 11·4 | 21·0 | 16·8 | 75 | 30 | 35 | 7·6 | 5·5 | 5·1 | 0 | 0 | 0 | NW | 2 | NNE | 2 | NNW | 2 | — | 5·8 |
| 20 | 61·7 | 60·0 | 60·3 | 23·0 | 6·5 | 10·6 | 22·2 | 16·2 | 70 | 20 | 43 | 6·6 | 4·0 | 5·9 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 6·0 |
| 21 | 62·0 | 59·0 | 59·9 | 23·5 | 7·5 | 12·6 | 22·6 | 19·0 | 63 | 20 | 23 | 6·9 | 4·0 | 3·7 | 0 | 0 | 0 | NNW | 2 | NNW | 4 | NNW | 2 | — | 7·0 |
| 22 | 60·1 | 57·4 | 57·5 | 26·0 | 9·5 | 12·8 | 25·0 | 15·8 | 80 | 16 | 61 | 8·7 | 3·9 | 8·1 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 9·0 |
| 23 | 57·5 | 55·1 | 55·0 | 28·0 | 7·0 | 13·2 | 26·4 | 20·0 | 55 | 21 | 32 | 6·3 | 5·2 | 5·6 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 7·0 |
| 24 | 57·0 | 56·0 | 55·9 | 30·0 | 10·5 | 15·0 | 29·0 | 23·6 | 51 | 16 | 23 | 6·4 | 4·8 | 5·0 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | WNW | 3 | — | 8·0 |
| 25 | 58·0 | 55·5 | 55·7 | 31·0 | 11·0 | 15·2 | 29·4 | 20·0 | 51 | 16 | 37 | 6·5 | 4·8 | 6·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 8·0 |
| 26 | 56·5 | 54·4 | 53·8 | 31·5 | 12·0 | 16·2 | 30·4 | 23·8 | 45 | 15 | 28 | 6·2 | 5·1 | 6·2 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 8·0 |
| 27 | 54·6 | 52·5 | 53·3 | 30·5 | 13·0 | 17·8 | 29·4 | 21·4 | 65 | 34 | 61 | 9·9 | 10·3 | 11·5 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 8·0 |
| 28 | 55·7 | 54·5 | 55·0 | 30·5 | 12·5 | 16·4 | 28·8 | 22·6 | 64 | 33 | 53 | 8·8 | 9·7 | 10·7 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 7·0 |
| 29 | 56·4 | 54·7 | 54·8 | 31·5 | 16·4 | 19·8 | 30·2 | 23·6 | 63 | 26 | 47 | 10·9 | 8·2 | 10·1 | 2 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 6·8 |
| 30 | 53·6 | 50·7 | 52·2 | 34·0 | 18·0 | 21·6 | 32·2 | 24·8 | 55 | 24 | 38 | 10·4 | 8·6 | 8·8 | 0 | 0 | 0 | N | 2 | NNW | 2 | NNW | 3 | — | 7·0 |
| 31 | 55·3 | 54·1 | 54·5 | 23·5 | 13·0 | 15·2 | 22·0 | 20·6 | 81 | 50 | 53 | 10·4 | 9·9 | 9·6 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 2 | — | 9·2 |
| Month | 59·08 | 57·16 | 57·59 | 24·1 | 8·3 | 12·3 | 22·8 | 16·9 | 66 | 29 | 47 | 7·1 | 5·9 | 6·8 | 0·1 | 0·0 | 0·0 | — | 2·2 | — | 2·4 | — | 2·3 | — | 6·31 |

**Remarks:—**

$C_h = +5$ mm.

## April 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55·7 | 54·7 | 55·6 | 25·5 | 12·5 | 16·6 | 24·4 | 18·2 | 75 | 41 | 57 | 10·6 | 9·3 | 8·8 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 5·0 |
| 2 | 55·8 | 53·4 | 52·7 | 29·0 | 13·0 | 19·0 | 28·2 | 21·6 | 49 | 39 | 60 | 8·1 | 11·0 | 11·3 | 0 | 0 | 0 | SE | 2 | SE | 2 | NNE | 2 | — | 5·0 |
| 3 | 52·8 | 52·4 | 54·0 | 30·0 | 13·0 | 20·8 | 29·4 | 22·6 | 40 | 27 | 44 | 7·2 | 8·4 | 8·9 | 0 | 0 | 0 | NW | 3 | NW | 3 | NW | 3 | — | 5·4 |
| 4 | 57·5 | 56·0 | 56·8 | 25·0 | 13·5 | 17·8 | 24·6 | 20·4 | 63 | 37 | 53 | 9·6 | 8·6 | 9·4 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 9·8 |
| 5 | 59·8 | 57·5 | 57·6 | 24·5 | 10·0 | 15·6 | 23·6 | 19·8 | 70 | 39 | 52 | 9·3 | 8·6 | 8·9 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 7·0 |
| 6 | 58·1 | 55·3 | 55·5 | 27·0 | 11·0 | 17·0 | 26·4 | 19·6 | 61 | 30 | 55 | 8·7 | 7·5 | 9·3 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 7·0 |
| 7 | 53·9 | 51·0 | 50·4 | 34·0 | 14·5 | 19·0 | 32·2 | 25·4 | 45 | 31 | 30 | 7·3 | 11·3 | 7·2 | 0 | 0 | 0 | ESE | 2 | SW | 2 | NW | 2 | — | 6·5 |
| 8 | 51·5 | 50·3 | 51·6 | 30·0 | 15·0 | 23·6 | 34·6 | 29·6 | 44 | 24 | 34 | 9·5 | 9·8 | 10·5 | 0 | 0 | 0 | SE | 2 | NW | 2 | NW | 2 | — | 8·0 |
| 9 | 55·4 | 55·5 | 56·6 | 30·0 | 16·0 | 20·6 | 28·4 | 22·4 | 68 | 34 | 48 | 12·2 | 9·9 | 9·6 | 0 | 2 | 0 | NW | 2 | NNW | 3 | WNW | 3 | — | 12·0 |
| 10 | 57·5 | 55·1 | 54·9 | 30·0 | 11·0 | 17·4 | 28·8 | 22·6 | 63 | 33 | 44 | 9·3 | 9·7 | 8·9 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 9·6 |
| 11 | 55·2 | 52·2 | 51·8 | 32·0 | 12·5 | 20·2 | 31·8 | 23·4 | 42 | 21 | 29 | 7·3 | 7·2 | 6·2 | 0 | 0 | 0 | W | 2 | NNE | 2 | NNW | 2 | — | 7·4 |
| 12 | 50·7 | 49·8 | 51·5 | 37·0 | 16·0 | 23·8 | 39·2 | 2[illegible]·4 | 26 | 18 | 16 | 5·7 | 8·5 | 4·5 | 0 | 0 | 0 | SSE | 3 | WSW | 2 | W | 2 | — | 8·0 |
| 13 | 54·6 | 53·8 | 55·0 | 31·5 | 13·0 | 22·6 | 31·0 | 26·6 | 54 | 38 | 42 | 11·0 | 12·7 | 10·7 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NW | 2 | — | 11·0 |
| 14 | 56·7 | 54·4 | 54·2 | 36·5 | 16·5 | 22·8 | 35·6 | 28·0 | 52 | 34 | 40 | 10·6 | 14·6 | 11·2 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 7·5 |
| 15 | 54·5 | 52·2 | 52·3 | 37·0 | 17·5 | 24·4 | 36·4 | 29·0 | 43 | 31 | 34 | 9·6 | 14·1 | 10·2 | 0 | 0 | 0 | NNW | 2 | SE | 2 | SE | 2 | — | 9·0 |
| 16 | 53·4 | 51·6 | 51·9 | 38·0 | 20·0 | 27·0 | 37·4 | 30·0 | 49 | 29 | 31 | 13·1 | 13·9 | 9·9 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 9·0 |
| 17 | 54·0 | 51·8 | 53·1 | 39·0 | 20·0 | 25·0 | 37·0 | 29·6 | 62 | 35 | 34 | 14·7 | 10·1 | 10·5 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NW | 2 | — | 9·0 |
| 18 | 54·9 | 52·0 | 52·4 | 34·5 | 18·0 | 22·2 | 33·6 | 27·2 | 52 | 37 | 45 | 10·3 | 14·3 | 12·3 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | WNW | 3 | — | 10·4 |
| 19 | 52·3 | 49·7 | 48·8 | 38·0 | 18·0 | 20·8 | 36·8 | 28·0 | 63 | 34 | 55 | 11·5 | 15·5 | 15·2 | 0 | 0 | 0 | NNW | 2 | NNE | 2 | N | 2 | — | 10·8 |
| 20 | 50·0 | 49·4 | 50·4 | 35·0 | 20·5 | 24·8 | 34·4 | 29·4 | 52 | 34 | 49 | 12·1 | 13·0 | 14·7 | 0 | 0 | 2 | NNW | 3 | NNE | 4 | NW | 5 | — | 11·0 |
| 21 | 53·1 | 54·5 | 54·7 | 27·0 | 20·5 | 26·0 | 25·4 | 25·0 | 55 | 48 | 40 | 13·7 | 11·5 | 9·5 | 0 | 2 | 2 | NNW | 2 | NNW | 3 | NNW | 2 | — | 10·0 |
| 22 | 56·6 | 55·0 | 55·6 | 27·5 | 16·0 | 20·8 | 26·8 | 23·2 | 58 | 29 | 40 | 10·6 | 7·5 | 8·6 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 8·8 |
| 23 | 57·7 | 56·3 | 57·1 | 26·0 | 15·0 | 19·4 | 25·4 | 22·8 | 58 | 39 | 44 | 9·7 | 9·5 | 9·1 | 0 | 0 | 0 | NNW | 3 | N | 4 | N | 3 | — | 10·5 |
| 24 | 58·2 | 55·4 | 55·6 | 20·5 | 14·0 | 16·8 | 25·6 | 22·0 | 69 | 38 | 40 | 9·9 | 9·2 | 7·9 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 9·0 |
| 25 | 55·7 | 53·5 | 53·9 | 30·0 | 14·0 | 19·0 | 28·6 | 24·6 | 61 | 24 | 30 | 10·0 | 7·0 | 6·8 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 9·0 |
| 26 | 55·2 | 53·5 | 54·0 | 32·5 | 14·0 | 20·0 | 31·0 | 25·6 | 51 | 26 | 34 | 8·8 | 8·7 | 8·3 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 9·4 |
| 27 | 55·0 | 53·3 | 53·5 | 33·0 | 14·5 | 20·2 | 32·4 | 23·2 | 46 | 20 | 40 | 8·1 | 7·5 | 8·6 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 3 | — | 11·0 |
| 28 | 54·9 | 52·8 | 52·3 | 35·0 | 15·0 | 22·0 | 33·4 | 27·0 | 46 | 21 | 28 | 9·0 | 8·2 | 7·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 10·8 |
| 29 | 52·7 | 50·5 | 49·9 | 30·5 | 17·5 | 22·6 | 35·6 | 29·0 | 43 | 28 | 35 | 8·7 | 12·0 | 10·5 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 8·0 |
| 30 | 50·7 | 49·0 | 49·8 | 36·0 | 20·5 | 26·8 | 35·4 | 30·2 | 43 | 26 | 35 | 11·2 | 11·0 | 11·1 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 12·0 |
| Month | 54·81 | 53·06 | 53·45 | 32·0 | 15·6 | 21·2 | 31·0 | 25·1 | 53 | 32 | 41 | 9·9 | 10·6 | 9·5 | 0·0 | 0·1 | 0·1 | — | 2·2 | — | 2·4 | — | 2·4 | — | 8·90 |

**Remarks:—**

# ASSIUT.

$\varphi = 27° 11' N.$ $\lambda = 31° 12' 36'' E.$ $H = 55·4$ m. $h_t = 2·0$ m.

$C_h = +5$ mm. **May 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53·8 | 52·7 | 52·8 | 30·0 | 18·0 | 23·2 | 29·2 | 21·2 | 47 | 33 | 26 | 10·0 | 10·1 | 6·0 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 13·4 |
| 2 | 55·3 | 54·1 | 54·2 | 31·0 | 17·0 | 23·0 | 30·2 | 25·0 | 46 | 32 | 27 | 9·6 | 10·1 | 6·3 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 10·0 |
| 3 | 55·0 | 53·3 | 54·4 | 33·5 | 17·0 | 26·0 | 32·8 | 26·4 | 42 | 34 | 50 | 10·5 | 12·7 | 12·8 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 7·0 |
| 4 | 53·4 | 54·0 | 53·1 | 31·5 | 20·5 | 26·6 | 30·2 | 27·0 | 56 | 41 | 51 | 14·4 | 13·2 | 13·4 | 0 | 2 | 3 | SE | 2 | NNW | 2 | NNW | 4 | — | 9·8 |
| 5 | 55·4 | 51·5 | 51·1 | 33·5 | 19·0 | 26·0 | 32·8 | 28·6 | 51 | 24 | 28 | 12·7 | 8·9 | 8·2 | 0 | 0 | 0 | NNE | 2 | NW | 2 | NNW | 2 | — | 8·0 |
| 6 | 53·0 | 50·0 | 49·7 | 35·0 | 17·5 | 25·4 | 34·0 | 27·0 | 38 | 22 | 33 | 9·0 | 8·8 | 8·6 | 0 | 0 | 0 | WSW | 2 | NNE | 2 | N | 2 | — | 10·4 |
| 7 | 51·5 | 52·3 | 53·0 | 34·0 | 19·5 | 26·6 | 32·6 | 28·6 | 38 | 28 | 26 | 9·8 | 10·3 | 7·6 | 0 | 0 | 0 | SSW | 2 | NW | 2 | NW | 2 | — | 8·0 |
| 8 | 55·6 | 53·8 | 53·5 | 30·5 | 16·5 | 22·6 | 29·6 | 25·0 | 47 | 23 | 36 | 9·5 | 7·0 | 8·6 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 14·0 |
| 9 | 55·2 | 54·4 | 54·0 | 28·0 | 16·5 | 22·8 | 27·0 | 22·8 | 53 | 35 | 41 | 10·9 | 9·2 | 8·5 | 0 | 2 | 0 | NW | 2 | NW | 3 | NW | 3 | — | 12·0 |
| 10 | 54·8 | 53·7 | 52·4 | 30·5 | 15·5 | 21·6 | 29·2 | 24·8 | 50 | 30 | 36 | 9·5 | 9·1 | 8·5 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 8·4 |
| 11 | 51·9 | 50·6 | 49·7 | 36·5 | 18·0 | 28·0 | 35·0 | 28·6 | 43 | 28 | 27 | 12·1 | 11·6 | 7·9 | 0 | 0 | 0 | SSW | 2 | NW | 2 | NW | 2 | — | 7·0 |
| 12 | 54·5 | 53·9 | 54·4 | 30·5 | 20·5 | 23·6 | 30·9 | 26·0 | 54 | 32 | 39 | 11·6 | 10·3 | 9·5 | 0 | 0 | 0 | NNW | 2 | WNW | 2 | NNW | 2 | — | 9·4 |
| 13 | 56·7 | 55·0 | 54·8 | 30·0 | 18·0 | 23·2 | 29·4 | 26·0 | 62 | 36 | 51 | 12·8 | 11·0 | 12·7 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 10·4 |
| 14 | 55·9 | 53·7 | 53·5 | 31·0 | 17·5 | 24·0 | 30·6 | 27·0 | 54 | 30 | 35 | 12·0 | 9·9 | 9·2 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 9·8 |
| 15 | 54·3 | 52·8 | 52·4 | 29·5 | 18·5 | 23·2 | 28·4 | 25·2 | 61 | 38 | 51 | 12·8 | 10·9 | 11·9 | 0 | 0 | 0 | NW | 2 | NNE | 3 | NNW | 3 | — | 10·0 |
| 16 | 53·9 | 52·6 | 53·4 | 25·5 | 17·0 | 19·4 | 24·2 | 19·0 | 68 | 45 | 72 | 11·5 | 10·0 | 11·7 | 0 | 0 | 2 | NNW | 3 | NNW | 3 | NNW | 3 | — | 11·0 |
| 17 | 54·8 | 53·0 | 53·2 | 26·0 | 15·0 | 18·2 | 25·0 | 24·4 | 80 | 47 | 38 | 12·5 | 11·1 | 8·7 | 2 | 0 | 0 | NNW | 3 | NNE | 3 | NNW | 3 | — | 6·0 |
| 18 | 56·0 | 53·8 | 54·3 | 30·0 | 16·0 | 20·8 | 29·4 | 26·4 | 65 | 31 | 38 | 11·8 | 9·6 | 9·6 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 8·4 |
| 19 | 56·3 | 54·9 | 54·8 | 33·5 | 18·0 | 29·2 | 32·4 | 27·4 | 30 | 24 | 35 | 9·1 | 8·8 | 9·6 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 9·0 |
| 20 | 55·3 | 53·2 | 53·3 | 36·0 | 19·5 | 27·2 | 35·6 | 28·4 | 46 | 23 | 38 | 12·6 | 9·9 | 10·9 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 9·0 |
| 21 | 54·5 | 52·6 | 52·4 | 34·0 | 20·0 | 24·2 | 33·6 | 30·0 | 50 | 32 | 35 | 11·3 | 12·5 | 10·9 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 11.0 |
| 22 | 52·8 | 50·9 | 50·3 | 38·0 | 20·0 | 28·8 | 37·8 | 31·0 | 47 | 22 | 30 | 13·7 | 10·7 | 10·0 | 0 | 0 | 0 | SSE | 2 | NNW | 3 | NNW | 3 | — | 10·0 |
| 23 | 50·5 | 49·9 | 51·4 | 37·0 | 23·0 | 31·5 | 36·8 | 31·8 | 28 | 20 | 29 | 9·7 | 9·1 | 10·1 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 14·0 |
| 24 | 53·5 | 52·4 | 52·6 | 34·0 | 22·0 | 26·6 | 33·4 | 27·0 | 44 | 24 | 43 | 11·4 | 9·2 | 11·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 15·0 |
| 25 | 54·3 | 53·0 | 52.9 | 31·5 | 21·0 | 23·8 | 31·0 | 27·2 | 57 | 32 | 42 | 12·4 | 10·6 | 11·3 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 9·8 |
| 26 | 56·9 | 55·3 | 56·5 | 30·0 | 18·5 | 24·8 | 29·8 | 25·8 | 52 | 36 | 49 | 12·1 | 11·4 | 12·2 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 14·0 |
| 27 | 56·8 | 55·7 | 56·2 | 29·0 | 17·5 | 23·6 | 28·4 | 25·2 | 51 | 31 | 39 | 11·0 | 9·0 | 9·4 | 0 | 0 | 0 | NNE | 2 | NW | 3 | NW | 3 | — | 10·5 |
| 28 | 57.8 | 56·2 | 56·2 | 28·5 | 18·0 | 23·0 | 28·0 | 25·0 | 47 | 28 | 36 | 9·9 | 8·0 | 8·6 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 11·0 |
| 29 | 57·8 | 55·8 | 55·5 | 28·0 | 17·5 | 20·6 | 27·4 | 24·2 | 58 | 28 | 33 | 10·4 | 7·5 | 7·7 | 0 | 0 | 0 | NNW | 2 | NNE | 3 | NW | 3 | — | 10·0 |
| 30 | 56·6 | 55·0 | 55·5 | 29·0 | 18·0 | 22·6 | 28·2 | 24·0 | 37 | 25 | 36 | 7·5 | 7·0 | 8·1 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 12·0 |
| 31 | 55·7 | 54·2 | 54·4 | 29·0 | 17·5 | 23·0 | 28·2 | 25·2 | 41 | 24 | 32 | 8·7 | 6·7 | 7·6 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 13·0 |
| Month | 54·77 | 53·33 | 53·42 | 31·4 | 18·3 | 24·3 | 30·7 | 26·3 | 50 | 30 | 38 | 11·1 | 9·8 | 9·6 | 0·1 | 0·1 | 0·2 | — | 2·1 | — | 2·4 | — | 2·4 | — | 10·36 |

**Remarks :**—4 ●°.—16 ● 17h.

$C_h = +5$ mm. **June 1913.**

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55·4 | 54·0 | 54·2 | 29·0 | 16·0 | 21·2 | 28·4 | 25·4 | 48 | 22 | 30 | 8·9 | 6·3 | 7·2 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 12·0 |
| 2 | 56·0 | 54·6 | 54·4 | 30·0 | 16·0 | 22·2 | 29·0 | 26·2 | 51 | 34 | 44 | 10·0 | 10·2 | 11·0 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 10·0 |
| 3 | 56·0 | 54·7 | 54·3 | 33·0 | 18·0 | 24·4 | 32·4 | 29·0 | 33 | 21 | 28 | 7·5 | 7·8 | 8·3 | 0 | 0 | 0 | NW | 2 | NNE | 3 | NNW | 3 | — | 11·0 |
| 4 | 55·5 | 53·9 | 54·0 | 33·5 | 18·0 | 25·0 | 33·0 | 30·0 | 39 | 24 | 21 | 9·2 | 9·1 | 6·5 | 0 | 0 | 0 | NW | 2 | NNE | 3 | NNW | 3 | — | 12·0 |
| 5 | 54·9 | 52·3 | 51·5 | 35·0 | 20·5 | 23·8 | 33·6 | 30·2 | 46 | 19 | 23 | 10·0 | 7·4 | 7·3 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 15·0 |
| 6 | 53·2 | 51·0 | 51·0 | 34·0 | 15·0 | 22·6 | 33·4 | 30·0 | 40 | 28 | 29 | 8·1 | 10·9 | 9·3 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 17·0 |
| 7 | 52·3 | 50·6 | 50·5 | 35·5 | 19·0 | 22·2 | 34·6 | 31·0 | 56 | 18 | 24 | 11·2 | 7·4 | 8·0 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 15·0 |
| 8 | 53·5 | 52.3 | 52·2 | 34·5 | 20·0 | 25·4 | 34·0 | 28·0 | 45 | 24 | 40 | 10·8 | 9·5 | 11·2 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 15·0 |
| 9 | 54·3 | 53·0 | 53·2 | 34·0 | 19·5 | 24·2 | 33·4 | 29·0 | 51 | 20 | 26 | 11·6 | 7·8 | 7·7 | 0 | 0 | 0 | NNW | 2 | NNE | 3 | NNE | 3 | — | 14·8 |
| 10 | 54·7 | 52·3 | 52·3 | 36·5 | 20·0 | 25·2 | 35·8 | 30·2 | 48 | 16 | 24 | 11·3 | 7·4 | 7·6 | 0 | 0 | 0 | NNW | 2 | NNE | 3 | NNE | 2 | — | 15·4 |
| 11 | 53·9 | 52·4 | 52·3 | 33·0 | 21·5 | 25·0 | 32·0 | 29·6 | 50 | 28 | 31 | 11·7 | 10·0 | 9·5 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NW | 3 | — | 17·2 |
| 12 | 53·7 | 52·0 | 52·3 | 31·0 | 20·5 | 24·2 | 30·6 | 28·6 | 57 | 31 | 33 | 12·8 | 10·2 | 9·8 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 10·5 |
| 13 | 53·7 | 52·6 | 53·3 | 31·0 | 20·0 | 25·0 | 30·8 | 27·0 | 50 | 30 | 42 | 11·7 | 9·8 | 11·1 | 0 | 0 | 0 | NNW | 2 | NNE | 3 | NNE | 3 | — | 13·6 |
| 14 | 54·4 | 53·3 | 52·9 | 34·0 | 20·0 | 26·4 | 33·0 | 30·0 | 40 | 30 | 31 | 10·2 | 11·1 | 9·9 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 11·4 |
| 15 | 54·9 | 53·4 | 53·3 | 34·0 | 20·5 | 28·0 | 33·6 | 31·2 | 39 | 30 | 32 | 10·8 | 11·4 | 10·8 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 13·0 |
| 16 | 53·9 | 52·4 | 52·6 | 35·0 | 22·5 | 27·2 | 34·6 | 31·4 | 56 | 33 | 37 | 15·0 | 13·4 | 12·8 | 0 | 0 | 0 | NNW | 2 | NNE | 4 | NNW | 3 | — | 15·0 |
| 17 | 55·2 | 53·3 | 53·0 | 33·0 | 22·0 | 24·0 | 32·4 | 30·0 | 60 | 33 | 36 | 13·3 | 11·8 | 11·2 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 18·0 |
| 18 | 55·4 | 53·8 | 54·0 | 30·5 | 17·5 | 22·2 | 29·6 | 26·4 | 62 | 45 | 52 | 12·2 | 13·9 | 13·1 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 16·0 |
| 19 | 55·4 | 53·7 | 52·8 | 34·0 | 18·0 | 21·4 | 33·6 | 30·4 | 70 | 30 | 34 | 13·3 | 11·4 | 11·0 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 11·0 |
| 20 | 53·9 | 52·9 | 52·2 | 36·0 | 20·0 | 23·6 | 35·4 | 32·0 | 59 | 27 | 28 | 12·9 | 11·4 | 10·0 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 13·8 |
| 21 | 52·9 | 51·2 | 50·9 | 38·0 | 20·5 | 24·4 | 37·2 | 33·2 | 60 | 25 | 29 | 13·7 | 12·1 | 11·0 | 0 | 0 | 0 | NW | 3 | NW | 2 | NW | 2 | — | 11·0 |
| 22 | 53·2 | 51·8 | 51·5 | 38·0 | 20·0 | 24·0 | 37·8 | 33·0 | 60 | 28 | 34 | 13·3 | 13·6 | 12·9 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 3 | — | 17·0 |
| 23 | 53·9 | 53·0 | 54·1 | 36·0 | 22·0 | 25·8 | 35·4 | 31·0 | 58 | 33 | 37 | 14·2 | 14·0 | 12·3 | 0 | 0 | 0 | NW | 3 | NNW | 3 | NNW | 3 | — | 17·0 |
| 24 | 54·7 | 52·8 | 53·0 | 36·0 | 23·5 | 28·6 | 35·0 | 31·4 | 49 | 32 | 35 | 14·2 | 13·5 | 12·1 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 3 | — | 15·6 |
| 25 | 54·0 | 52·3 | 51·5 | 34·0 | 21·0 | 25·2 | 33·8 | 30·0 | 58 | 39 | 41 | 13·9 | 15·0 | 13·0 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 17·0 |
| 26 | 53·8 | 51·7 | 51·1 | 34·0 | 21·1 | 24·6 | 33·2 | 30·4 | 63 | 32 | 36 | 14·0 | 12·0 | 11·7 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 3 | — | 15·0 |
| 27 | 52·9 | 51·5 | 51·4 | 35·0 | 21·1 | 25·0 | 33·8 | 30·0 | 54 | 31 | 41 | 12·7 | 12·0 | 13·0 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 14·0 |
| 28 | 53·7 | 50·8 | 51·0 | 38·0 | 20·6 | 26·4 | 35·8 | 33·8 | 48 | 29 | 28 | 12·1 | 13·0 | 11·0 | 0 | 0 | 0 | NNW | 3 | NNE | 3 | NNW | 2 | — | 15·0 |
| 29 | 53·4 | 51·7 | 51·3 | 39·0 | 24·1 | 29·0 | 38·2 | 35·0 | 42 | 27 | 32 | 12·5 | 13·4 | 13·5 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 18·0 |
| 30 | 54·3 | 52·6 | 51·5 | 35·0 | 23·1 | 29·2 | 34·8 | 32·8 | 52 | 47 | 30 | 15·6 | 19·5 | 11·2 | 0 | 0 | 0 | NNE | 3 | NNE | 3 | NNE | 2 | — | 19·0 |
| Month | 54·23 | 52·60 | 52·45 | 34·3 | 20·0 | 24·8 | 33·6 | 30·2 | 51 | 29 | 33 | 12.0 | 11·2 | 10.5 | 0·0 | 0·0 | 0·0 | — | 2·5 | — | 3·1 | — | 2·7 | — | 14·51 |

**Remarks :**—

# ASSIUT.

$\varphi = 27° 11' N.$ $\lambda = 31° 12' 36'' E.$ $H = 55·4$ m. $h_t = 2·0$ m.

$C_h = + 5$ mm. **July 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 54·1 | 52·1 | 50·9 | 34·0 | 23·1 | 30·4 | 32·4 | 31·0 | 48 | 55 | 48 | 15·6 | 19·8 | 15·9 | 0 | 0 | 0 | NNW | 3 | NNW | 2 | NW | 2 | — | 19·0 |
| 2 | 54·7 | 52·8 | 52·3 | 33·0 | 20·5 | 23·0 | 31·4 | 24·0 | 62 | 32 | 61 | 12·9 | 11·1 | 13·6 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 2 | — | 14·0 |
| 3 | 55·0 | 53·1 | 52·0 | 34·0 | 20·0 | 23·4 | 33·4 | 24·0 | 62 | 24 | 54 | 13·3 | 9·2 | 12·0 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NW | 2 | — | 14·0 |
| 4 | 55·8 | 53·6 | 53·5 | 34·0 | 21·0 | 23·4 | 33·4 | 30·6 | 59 | 25 | 30 | 12·7 | 9·5 | 9·9 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 2 | — | 15·0 |
| 5 | 55·2 | 53·3 | 52·7 | 35·0 | 20·5 | 24·0 | 33·8 | 32·0 | 48 | 25 | 26 | 10·4 | 9·6 | 9·0 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 15·0 |
| 6 | 53·3 | 51·8 | 51·0 | 38·0 | 20·0 | 25·2 | 37·2 | 34·2 | 53 | 25 | 26 | 12·5 | 12·1 | 10·4 | 0 | 0 | 0 | NW | 3 | NNW | 3 | NNW | 3 | — | 16·0 |
| 7 | 52·9 | 50·8 | 50·5 | 39·0 | 20·0 | 28·2 | 38·2 | 32·8 | 39 | 23 | 33 | 11·0 | 11·5 | 12·0 | 0 | 0 | 0 | NNW | 3 | NE | 4 | NNE | 4 | — | 17·0 |
| 8 | 53·4 | 51·9 | 51·5 | 38·5 | 23·0 | 27·6 | 38·0 | 33·4 | 47 | 25 | 30 | 13·1 | 12·4 | 11·6 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 18·0 |
| 9 | 53·3 | 51·4 | 51·4 | 40·0 | 23·0 | 26·0 | 38·0 | 34·4 | 55 | 25 | 28 | 13·7 | 12·4 | 11·3 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 18·0 |
| 10 | 52·8 | 50·0 | 50.7 | 40·0 | 24·5 | 29·6 | 39·2 | 34·0 | 39 | 28 | 30 | 12·2 | 14·8 | 11·9 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 3 | — | 18·0 |
| 11 | 51·9 | 49·5 | 50·6 | 40·5 | 24·0 | 29·6 | 39·8 | 33·0 | 43 | 26 | 33 | 13·2 | 14·4 | 12·2 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 4 | — | 18·0 |
| 12 | 52·0 | 49·1 | 49·2 | 42·0 | 21·5 | 26·6 | 41·0 | 36·0 | 48 | 24 | 29 | 12·3 | 13·8 | 12·9 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 21·0 |
| 13 | 52·6 | 50·6 | 50·9 | 42·5 | 23·5 | 30·0 | 41·8 | 38·0 | 42 | 23 | 25 | 13·3 | 13·7 | 12·4 | 0 | 0 | 0 | WNW | 2 | NNW | 3 | NNW | 4 | — | 21·0 |
| 14 | 52·6 | 50·4 | 51·1 | 42·0 | 25·0 | 31·0 | 41·4 | 35·4 | 38 | 25 | 31 | 12·7 | 14·7 | 13·2 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 4 | — | 22·0 |
| 15 | 53·6 | 52·1 | 51·8 | 34·0 | 22·5 | 24·8 | 33·4 | 30·4 | 62 | 34 | 40 | 14·4 | 13·0 | 12·7 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 21·0 |
| 16 | 52·5 | 50·3 | 50·2 | 33·0 | 21·5 | 24·4 | 32·0 | 30·8 | 69 | 40 | 40 | 15·7 | 14·2 | 13·2 | 0 | 0 | 0 | NNE | 3 | NNE | 3 | NNW | 3 | — | 15·0 |
| 17 | 51·7 | 50·1 | 51·2 | 36·0 | 22·5 | 26·0 | 35·0 | 31·4 | 67 | 32 | 41 | 16·8 | 13·5 | 13·9 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 13·0 |
| 18 | 52·8 | 51·1 | 50·9 | 38·0 | 21·0 | 28·0 | 37·4 | 34·4 | 51 | 29 | 32 | 14·2 | 13·9 | 12·7 | 0 | 0 | 0 | NNW | 3 | NW | 3 | NW | 3 | — | 16·0 |
| 19 | 52·4 | 50·9 | 50·5 | 40·5 | 23·0 | 28·2 | 40·0 | 34·8 | 47 | 25 | 34 | 13·4 | 14·3 | 14·0 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 15·0 |
| 20 | 52·2 | 51·3 | 51·8 | 34·5 | 25·0 | 29·2 | 34·0 | 31·0 | 59 | 45 | 42 | 17·8 | 18·0 | 14·1 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 16·0 |
| 21 | 52·8 | 51·5 | 51·6 | 34·0 | 22·0 | 26·8 | 33·8 | 31·2 | 59 | 41 | 42 | 15·3 | 16·1 | 14·4 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 15·0 |
| 22 | 52·5 | 50·9 | 50·7 | 33·5 | 21·5 | 24·4 | 32·8 | 30·0 | 72 | 43 | 47 | 16·4 | 16·0 | 14·7 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 15·0 |
| 23 | 51·4 | 50·0 | 49·9 | 34·0 | 22·5 | 25·4 | 33·4 | 30·0 | 65 | 42 | 48 | 15·8 | 16·0 | 15·1 | 0 | 0 | 0 | NNW | 2 | NNE | 3 | NNW | 3 | — | 13·0 |
| 24 | 50·8 | 49·7 | 49·5 | 35·0 | 20·5 | 26·2 | 34·0 | 30·4 | 53 | 36 | 44 | 13·2 | 14·1 | 14·1 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 12·0 |
| 25 | 52·1 | 51·4 | 51·8 | 35·0 | 21·0 | 27·0 | 34·6 | 32·0 | 52 | 38 | 38 | 13·8 | 15·6 | 13·5 | 0 | 0 | 0 | NW | 2 | NNW | 4 | NNW | 3 | — | 12·0 |
| 26 | 54·2 | 52·7 | 52·0 | 35·5 | 22·5 | 27·0 | 35·0 | 31·2 | 51 | 37 | 44 | 13·4 | 15·4 | 15·1 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 3 | — | 13·0 |
| 27 | 52·9 | 51·0 | 51·0 | 35·0 | 21·5 | 27·4 | 34·4 | 31·0 | 50 | 39 | 44 | 13·5 | 15·8 | 14·8 | 0 | 0 | 0 | NW | 2 | NW | 3 | NW | 3 | — | 13·0 |
| 28 | 52·5 | 51·1 | 51·1 | 31·5 | 21·5 | 24·0 | 31·0 | 30·0 | 71 | 48 | 42 | 15·6 | 15·9 | 13·3 | 0 | 0 | 0 | NNE | 3 | NNW | 4 | NNW | 3 | — | 13·0 |
| 29 | 53·3 | 51·5 | 51·7 | 32·0 | 21·0 | 24·2 | 31·8 | 29·4 | 69 | 40 | 47 | 15·5 | 14·0 | 14·4 | 0 | 0 | 0 | NNW | 2 | NNW | 4 | NNW | 2 | — | 11·0 |
| 30 | 53·4 | 52.0 | 51·7 | 35·0 | 22·0 | 27·2 | 34·8 | 31·0 | 48 | 33 | 35 | 13·0 | 13·6 | 11·7 | 0 | 0 | 0 | NW | 3 | NW | 3 | NW | 2 | — | 11·0 |
| 31 | 53·6 | 52·3 | 52·9 | 33·0 | 21·5 | 27·0 | 32·8 | 30·0 | 52 | 38 | 45 | 13·8 | 14·1 | 14·0 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 11·0 |
| Month | 53·03 | 51·30 | 51·25 | 36·2 | 22·0 | 26·6 | 35·5 | 31·7 | 54 | 33 | 38 | 13·9 | 14·0 | 13·0 | 0·0 | 0·0 | 0·0 | — | 2·7 | — | 3·3 | — | 2·9 | — | 15·52 |

**Remarks:—**

$C_h = + 5$ mm. **August 1913.**

| Date | 8 h. (700 +) | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53·7 | 52·1 | 51·5 | 33·5 | 22·5 | 25·8 | 33·0 | 30·0 | 58 | 33 | 40 | 14·2 | 12·2 | 12·6 | 0 | 0 | 0 | NNW | 3 | NW | 3 | NNW | 3 | — | 10·8 |
| 2 | 53·4 | 51·1 | 51·3 | 37·5 | 21·0 | 27·4 | 36·8 | 32·2 | 48 | 35 | 39 | 13·2 | 15·8 | 14·1 | 0 | 0 | 0 | NNW | 3 | NE | 3 | NW | 3 | — | 13·0 |
| 3 | 52·7 | 51·8 | 51·7 | 37·5 | 24·0 | 30·0 | 37·0 | 32·4 | 54 | 35 | 47 | 16·9 | 16·1 | 17·0 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 14·0 |
| 4 | 53·2 | 52·2 | 52·7 | 33·5 | 23·0 | 26·8 | 32·8 | 30·0 | 60 | 42 | 49 | 15·6 | 15·6 | 15·5 | 0 | 0 | 0 | NW | 2 | NNW | 4 | NNW | 3 | — | 15·0 |
| 5 | 54·1 | 52·7 | 53·0 | 33·5 | 21·5 | 24·6 | 33·4 | 29·0 | 59 | 37 | 41 | 13·6 | 14·1 | 12·2 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 13·0 |
| 6 | 53·8 | 53·1 | 52·7 | 32·5 | 21·5 | 24·8 | 32·0 | 29·2 | 62 | 41 | 45 | 14·4 | 14·6 | 13·4 | 0 | 0 | 0 | NNW | 3 | NW | 4 | NW | 3 | — | 13·0 |
| 7 | 53·6 | 51·9 | 51·5 | 32·0 | 21·5 | 24·2 | 31·6 | 28·4 | 69 | 44 | 49 | 15·5 | 15·2 | 13·9 | 0 | 0 | 0 | N | 3 | NNE | 3 | NW | 3 | — | 13·0 |
| 8 | 52·4 | 50·2 | 50·2 | 34·5 | 22·0 | 24·4 | 34·0 | 30·0 | 66 | 37 | 42 | 15·0 | 14·5 | 13·3 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNE | 3 | — | 11·0 |
| 9 | 51·7 | 50·4 | 50·0 | 36·5 | 24·0 | 27·0 | 35·4 | 31·2 | 63 | 35 | 46 | 16·6 | 15·1 | 15·5 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 3 | — | 12·0 |
| 10 | 51·8 | 50·8 | 50·6 | 37·5 | 23·0 | 28·0 | 37·0 | 33·8 | 47 | 35 | 38 | 13·2 | 16·1 | 14·6 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 13·0 |
| 11 | 53·4 | 51·7 | 51·7 | 35·5 | 23·0 | 26·0 | 35·0 | 31·0 | 72 | 42 | 52 | 17·9 | 17·4 | 17·5 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 2 | — | 12·0 |
| 12 | 53·0 | 51·5 | 50·7 | 37·5 | 22·0 | 27·8 | 36·8 | 32·4 | 61 | 35 | 44 | 16·8 | 16·2 | 15·8 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 3 | — | 11·0 |
| 13 | 51·2 | 50·0 | 50·1 | 36·0 | 23·5 | 27·6 | 35·6 | 30·2 | 63 | 39 | 52 | 17·3 | 16·6 | 16·4 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 11·0 |
| 14 | 51·4 | 50·0 | 50·2 | 36·5 | 22·5 | 27·6 | 36·0 | 31·4 | 59 | 34 | 47 | 16·2 | 15·2 | 16·1 | 0 | 0 | 0 | NNW | 3 | WNW | 2 | NNW | 2 | — | 11·0 |
| 15 | 51·1 | 49·9 | 50·0 | 37·5 | 22·5 | 28·0 | 37·0 | 32·2 | 61 | 35 | 47 | 17·1 | 16·5 | 16·7 | 0 | 0 | 0 | NNW | 3 | NNW | 2 | NNW | 2 | — | 10·0 |
| 16 | 52·0 | 50·8 | 51·1 | 39·0 | 23·5 | 28·0 | 38·2 | 32·8 | 58 | 32 | 43 | 16·3 | 16·2 | 16·0 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 14·0 |
| 17 | 53·6 | 52·4 | 52·4 | 39·0 | 23·5 | 28·6 | 38·5 | 33·6 | 55 | 31 | 42 | 16·0 | 16·0 | 16·2 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 17·0 |
| 18 | 53·8 | 51·7 | 50·9 | 36·0 | 25·0 | 29·0 | 35·0 | 31·2 | 58 | 42 | 49 | 17·2 | 17·4 | 16·6 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 18·0 |
| 19 | 52·9 | 50·6 | 50·5 | 35·0 | 22·5 | 24·8 | 34·2 | 30·4 | 77 | 42 | 51 | 17·9 | 16·7 | 16·3 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 13·0 |
| 20 | 51·2 | 44·5 | 44·7 | 34·0 | 22·5 | 24·8 | 33·4 | 29·8 | 79 | 44 | 57 | 18·3 | 16·8 | 17·8 | 0 | 0 | 0 | NNW | 3 | NW | 4 | NW | 3 | — | 13·0 |
| 21 | 50·5 | 49·3 | 49·9 | 35·0 | 22·5 | 27·4 | 34·4 | 30·2 | 67 | 42 | 54 | 18·2 | 16·9 | 17·2 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 12·0 |
| 22 | 51·6 | 50·9 | 51·2 | 38·0 | 22·5 | 28·6 | 36·6 | 32·0 | 46 | 35 | 42 | 13·1 | 16·0 | 15·0 | 0 | 0 | 0 | NW | 3 | NNW | 3 | NNW | 3 | — | 11·0 |
| 23 | 53·4 | 52·5 | 53·1 | 37·5 | 23·5 | 29·4 | 36·8 | 32·4 | 46 | 34 | 42 | 14·0 | 15·5 | 15·1 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 15·0 |
| 24 | 53·5 | 51·4 | 51·8 | 38·0 | 23·0 | 30·0 | 37·5 | 34·0 | 52 | 37 | 37 | 16·2 | 17·4 | 14·5 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 4 | — | 13·0 |
| 25 | 53·7 | 52·4 | 52·3 | 34·5 | 25·0 | 29·0 | 34·0 | 30·4 | 52 | 40 | 51 | 15·3 | 16·0 | 16·3 | 0 | 0 | 0 | N | 3 | N | 4 | NNW | 3 | — | 16·0 |
| 26 | 55·1 | 53·7 | 53·5 | 33·0 | 22·5 | 25·4 | 32·2 | 29·2 | 67 | 40 | 50 | 16·1 | 14·5 | 14·9 | 0 | 0 | 0 | NNW | 3 | NW | 3 | NW | 3 | — | 13·0 |
| 27 | 54·7 | 53·0 | 52·9 | 33·0 | 23·0 | 26·4 | 32·4 | 29·6 | 66 | 42 | 45 | 16·9 | 15·1 | 13·9 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 12·0 |
| 28 | 53·7 | 52·4 | 52·6 | 33·0 | 22·0 | 27·4 | 32·6 | 29·8 | 59 | 44 | 49 | 16·0 | 16·1 | 15·2 | 0 | 0 | 0 | NNW | 2 | NNW | 4 | NNW | 3 | — | 10·4 |
| 29 | 54·1 | 52·7 | 52·8 | 34·0 | 22·0 | 27·6 | 33·2 | 30·0 | 57 | 38 | 47 | 15·5 | 14·2 | 14·7 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 9·0 |
| 30 | 54·4 | 53·1 | 53·3 | 35·0 | 23·0 | 28·8 | 34·2 | 30·4 | 51 | 40 | 50 | 14·8 | 15·9 | 15·9 | 0 | 0 | 0 | NW | 3 | NNW | 4 | NNW | 3 | — | 10·0 |
| 31 | 55·6 | 54·1 | 54·3 | 35·0 | 23·0 | 29·0 | 34·0 | 30·6 | 54 | 38 | 47 | 16·1 | 14·9 | 15·5 | 0 | 0 | 0 | NNW | 2 | NNW | 4 | NNW | 3 | — | 10·0 |
| Month | 53·04 | 51·45 | 51·46 | 35·5 | 22·8 | 27·2 | 34·9 | 31·0 | 60 | 38 | 46 | 15·9 | 15·7 | 15·3 | 0·0 | 0·0 | 0·0 | — | 2·7 | — | 3·3 | — | 2·9 | — | 12·55 |

**Remarks:—**

# ASSIUT

$\varphi = 27° 11' N.$ $\lambda = 31° 12' 36'' E.$ $H = 55·4$ m. $h_t = 2·0$ m.

$C_h = +5$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55·9 | 53·6 | 53·8 | 30·5 | 21·0 | 25·0 | 30·0 | 28·6 | 70 | 52 | 52 | 16·4 | 16·2 | 14·9 | 0 | 0 | 0 | N | 3 | NNW | 4 | NW | 3 | — | 11·0 |
| 2 | 54·3 | 52·4 | 52·5 | 31·0 | 21·5 | 25·4 | 30·4 | 27·8 | 65 | 51 | 55 | 15·8 | 16·3 | 15·4 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 11·0 |
| 3 | 53·3 | 51·8 | 52·0 | 32·5 | 22·0 | 27·2 | 31·8 | 28·0 | 59 | 46 | 57 | 15·7 | 16·2 | 16·0 | 0 | 0 | 0 | NNE | 3 | NNW | 3 | NNW | 3 | — | 9·0 |
| 4 | 53·7 | 52·6 | 52·8 | 34·5 | 21·5 | 27·4 | 34·0 | 30·8 | 56 | 36 | 43 | 15·3 | 14·1 | 14·2 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 11·0 |
| 5 | 53·8 | 52·0 | 52·2 | 34·5 | 23·5 | 25·6 | 33·8 | 30·0 | 73 | 36 | 49 | 17·8 | 14·2 | 15·5 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 12·0 |
| 6 | 53·8 | 52·3 | 52·9 | 34·0 | 22·0 | 25·2 | 33·6 | 30·0 | 73 | 37 | 49 | 17·3 | 14·3 | 15·5 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 11·0 |
| 7 | 54·3 | 52·4 | 52·7 | 33·0 | 22·0 | 27·0 | 32·8 | 30·0 | 66 | 45 | 53 | 17·5 | 16·7 | 16·6 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 11·0 |
| 8 | 54·6 | 52·9 | 52·7 | 33·0 | 22·0 | 27·0 | 32·8 | 29·8 | 63 | 43 | 51 | 16·6 | 16·0 | 15·9 | 0 | 0 | 0 | NNE | 3 | NNW | 4 | NNW | 3 | — | 10·0 |
| 9 | 54·6 | 52·4 | 52·8 | 35·0 | 20·5 | 25·6 | 34·6 | 30·4 | 52 | 34 | 40 | 12·6 | 13·7 | 12·7 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 11·0 |
| 10 | 55·1 | 53·2 | 52·4 | 32·0 | 21·0 | 24·4 | 31·4 | 28·6 | 74 | 48 | 52 | 16·7 | 16·5 | 14·9 | 0 | 0 | 0 | N | 3 | NNW | 3 | NNW | 3 | — | 12·0 |
| 11 | 54·5 | 53·1 | 53·4 | 32·5 | 21·5 | 23·8 | 32·0 | 29·0 | 83 | 43 | 52 | 18·2 | 15·3 | 15·3 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 9·0 |
| 12 | 54·9 | 52·7 | 53·0 | 33·5 | 21·5 | 23·8 | 32·8 | 29·6 | 81 | 43 | 49 | 17·8 | 16·0 | 15·0 | 0 | 0 | 0 | NNW | 3 | N | 3 | NW | 3 | — | 9·0 |
| 13 | 54·7 | 53·0 | 53·5 | 34·5 | 21·5 | 25·4 | 34·0 | 30·0 | 67 | 42 | 49 | 16·1 | 16·8 | 15·5 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 11·0 |
| 14 | 54·8 | 53·2 | 53·6 | 37·0 | 21·5 | 25·0 | 36·5 | 33·0 | 68 | 32 | 36 | 16·0 | 14·5 | 13·2 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 11·0 |
| 15 | 54·4 | 51·7 | 52·2 | 38·5 | 21·5 | 26·4 | 38·0 | 34·0 | 65 | 33 | 34 | 16·6 | 16·3 | 13·4 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 12·0 |
| 16 | 52·7 | 50·0 | 51·0 | 37·5 | 23·0 | 26·4 | 37·0 | 33·0 | 69 | 37 | 41 | 17·7 | 17·3 | 15·5 | 0 | 0 | 0 | NNW | 4 | NNW | 4 | NNW | 3 | — | 17·0 |
| 17 | 52·3 | 50·2 | 50·7 | 34·0 | 22·0 | 24·8 | 33·6 | 30·2 | 77 | 45 | 52 | 17·9 | 17·4 | 16·4 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 16·8 |
| 18 | 51·9 | 50·2 | 50·7 | 38·0 | 22·0 | 25·2 | 36·8 | 31·4 | 70 | 35 | 42 | 16·6 | 16·2 | 14·2 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 11·0 |
| 19 | 52·7 | 51·8 | 52·5 | 38·5 | 21·5 | 27·0 | 37·6 | 33·4 | 56 | 33 | 38 | 14·8 | 15·7 | 14·5 | 0 | 0 | 0 | NW | 2 | NW | 3 | NNW | 2 | — | 17·0 |
| 20 | 55·5 | 53·6 | 54·0 | 37·0 | 21·5 | 26·2 | 36·4 | 32·2 | 65 | 36 | 39 | 16·4 | 16·5 | 14·1 | 0 | 0 | 0 | NW | 3 | NNW | 4 | NNW | 3 | — | 18·0 |
| 21 | 55·9 | 53·2 | 53·6 | 35·0 | 22·0 | 26·2 | 34·2 | 31·2 | 65 | 35 | 41 | 16·4 | 14·0 | 14·0 | 0 | 0 | 0 | NW | 2 | NW | 3 | NNW | 3 | — | 13·0 |
| 22 | 54·9 | 52·6 | 53·1 | 34·5 | 21·5 | 24·0 | 33·8 | 30·0 | 75 | 41 | 47 | 16·6 | 16·1 | 14·7 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 10·0 |
| 23 | 55·3 | 53·1 | 53·5 | 31·0 | 21·0 | 23·4 | 30·4 | 27·0 | 80 | 55 | 64 | 17·0 | 17·8 | 16·9 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 7·0 |
| 24 | 55·8 | 53·8 | 54·3 | 35·5 | 19·5 | 24·0 | 35·0 | 31·4 | 75 | 37 | 43 | 16·6 | 15·4 | 14·6 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 8·0 |
| 25 | 57·1 | 55·3 | 55·6 | 33·0 | 21·5 | 27·0 | 32·6 | 30·0 | 69 | 47 | 54 | 18·4 | 17·3 | 16·9 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 8·0 |
| 26 | 56·7 | 54·6 | 55·2 | 30·5 | 19·5 | 25·4 | 29·8 | 26·6 | 58 | 51 | 58 | 14·1 | 15·9 | 15·0 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 7·0 |
| 27 | 56·1 | 54·7 | 55·9 | 31·5 | 20·0 | 24·2 | 31·0 | 28·0 | 69 | 49 | 51 | 15·5 | 16·3 | 14·2 | 0 | 0 | 0 | NW | 3 | NNW | 3 | NNW | 3 | — | 8·0 |
| 28 | 57·4 | 55·6 | 56·1 | 32·0 | 19·0 | 25·4 | 31·2 | 28·0 | 60 | 47 | 51 | 14·4 | 15·8 | 14·2 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 2 | — | 8·0 |
| 29 | 57·2 | 54·5 | 54·9 | 34·5 | 19·0 | 23·0 | 34·0 | 30·4 | 70 | 36 | 37 | 14·6 | 14·1 | 12·0 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 3 | — | 8·0 |
| 30 | 56·4 | 54·0 | 54·5 | 31·5 | 21·0 | 22·8 | 31·0 | 28·0 | 76 | 54 | 55 | 15·7 | 18·3 | 15·2 | 0 | 0 | 0 | NNW | 3 | N | 4 | NW | 3 | — | 11·0 |
| Month | 54·82 | 52·88 | 53·27 | 34·0 | 21·3 | 25·3 | 33·4 | 30·0 | 68 | 42 | 48 | 16·3 | 15·9 | 14·9 | 0·0 | 0·0 | 0·0 | — | 2·8 | — | 3·4 | — | 2·9 | — | 10·96 |

**Remarks:—**

$C_h = +5$ mm.

## October 1913.

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56·6 | 54·8 | 55·3 | 28·5 | 17·5 | 22·0 | 28·0 | 25·0 | 80 | 58 | 62 | 15·8 | 16·3 | 14·7 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 7·0 |
| 2 | 57·5 | 56·0 | 56·6 | 31·0 | 16·5 | 21·6 | 30·4 | 27·2 | 80 | 51 | 51 | 15·4 | 16·3 | 13·6 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNW | 3 | — | 8·0 |
| 3 | 58·3 | 56·3 | 56·9 | 30·0 | 17·5 | 22·6 | 29·4 | 26·2 | 79 | 56 | 59 | 16·1 | 16·9 | 15·0 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 3 | — | 9·0 |
| 4 | 57·6 | 55·2 | 55·6 | 30·5 | 16·5 | 21·8 | 29·4 | 26·2 | 77 | 58 | 54 | 15·0 | 17·7 | 13·6 | 0 | 0 | 0 | NNW | 3 | NW | 3 | NW | 3 | — | 8·0 |
| 5 | 58·3 | 56·3 | 56·9 | 31·0 | 18·0 | 22·6 | 30·5 | 27·2 | 77 | 48 | 57 | 15·8 | 15·5 | 15·4 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 9·0 |
| 6 | 54·7 | 53·4 | 54·0 | 31·0 | 17·0 | 22·0 | 30·2 | 27·4 | 84 | 56 | 54 | 16·5 | 18·0 | 14·6 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 3 | — | 7·0 |
| 7 | 54·6 | 53·5 | 54·1 | 31·5 | 18·0 | 23·2 | 30·6 | 27·0 | 87 | 56 | 63 | 18·2 | 18·5 | 16·6 | 0 | 0 | 0 | NNW | 3 | WNW | 2 | NNW | 2 | — | 4·0 |
| 8 | 54·8 | 52·9 | 53·8 | 31·5 | 18·0 | 23·4 | 31·0 | 28·0 | 80 | 54 | 57 | 17·0 | 18·3 | 16·0 | 0 | 0 | 0 | NNW | 3 | NW | 4 | NW | 3 | — | 6·0 |
| 9 | 55·1 | 53·3 | 53·7 | 32·5 | 20·0 | 24·0 | 32·0 | 29·0 | 83 | 54 | 57 | 18·4 | 19·2 | 16·8 | 0 | 0 | 0 | NNW | 3 | WNW | 3 | NNW | 3 | — | 6·0 |
| 10 | 54·8 | 53·2 | 53·6 | 31·5 | 19·5 | 23·8 | 30·6 | 27·0 | 86 | 62 | 69 | 18·9 | 20·1 | 18·4 | 0 | 0 | 0 | NNW | 3 | NW | 3 | NW | 3 | — | 6·0 |
| 11 | 55·5 | 53·8 | 54·5 | 32·0 | 20·0 | 24·0 | 31·4 | 28·0 | 86 | 57 | 63 | 19·2 | 19·6 | 17·8 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 6·0 |
| 12 | 55·3 | 53·3 | 53·8 | 31·5 | 19·5 | 23·6 | 30·8 | 27·0 | 88 | 60 | 71 | 19·0 | 20·0 | 18·8 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NW | 2 | — | 6·0 |
| 13 | 55·5 | 53·8 | 54·1 | 31·5 | 18·5 | 23·0 | 30·6 | 27·2 | 85 | 52 | 61 | 17·6 | 17·0 | 16·5 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 3 | — | 5·0 |
| 14 | 56·7 | 55·2 | 56·1 | 29·5 | 17·0 | 23·4 | 29·0 | 26·0 | 72 | 54 | 60 | 15·3 | 16·1 | 15·1 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 7·0 |
| 15 | 57·6 | 56·4 | 57·0 | 30·0 | 18·0 | 23·0 | 29·2 | 26·0 | 71 | 54 | 55 | 14·9 | 16·3 | 13·7 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 2 | — | 6·0 |
| 16 | 58·8 | 56·3 | 57·1 | 30·5 | 18·0 | 23·4 | 30·0 | 27·0 | 73 | 59 | 56 | 15·7 | 18·5 | 14·8 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NW | 2 | — | 6·0 |
| 17 | 57·7 | 55·5 | 55·6 | 32·5 | 16·5 | 22·8 | 31·8 | 28·2 | 79 | 50 | 51 | 16·4 | 17·4 | 14·4 | 0 | 0 | 0 | WNW | 2 | WNW | 2 | NNW | 2 | — | 5·0 |
| 18 | 56·4 | 54·9 | 55·4 | 31·5 | 17·0 | 23·8 | 31·0 | 28·0 | 64 | 48 | 44 | 14·0 | 15·9 | 12·5 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 6·0 |
| 19 | 57·2 | 55·7 | 56·6 | 29·5 | 17·5 | 23·6 | 29·0 | 26·0 | 72 | 58 | 60 | 15·5 | 17·2 | 15·1 | 0 | 0 | 0 | NNW | 3 | NNW | 3 | NNW | 2 | — | 7·0 |
| 20 | 58·3 | 56·0 | 56·3 | 29·0 | 18·0 | 23·6 | 28·6 | 25·4 | 67 | 54 | 60 | 14·5 | 15·6 | 14·[illegible] | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 8·0 |
| 21 | 58·2 | 56·1 | 56·8 | 30·0 | 16·0 | 23·4 | 29·6 | 26·0 | 67 | 49 | 55 | 14·3 | 15·0 | 13·7 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 3 | — | 6·6 |
| 22 | 58·2 | 56·9 | 57·4 | 29·5 | 15·0 | 22·8 | 28·2 | 25·0 | 57 | 49 | 47 | 11·8 | 13·7 | 11·1 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 5·0 |
| 23 | 59·2 | 57·3 | 57·8 | 27·0 | 15·0 | 21·2 | 26·0 | 23·0 | 73 | 57 | 62 | 13·4 | 1[illegible]·0 | 12·9 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NW | 2 | — | 5·0 |
| 24 | 58·5 | 56·5 | 57·0 | 27·0 | 15·5 | 20·2 | 26·0 | 23·0 | 67 | 55 | 52 | 11·9 | 13·7 | 10·8 | 0 | 0 | 0 | NW | 2 | NW | 3 | NW | 3 | — | 5·0 |
| 25 | 58·6 | 57·2 | 56·1 | 25·5 | 15·0 | 19·8 | 24·6 | 21·2 | 65 | 59 | 64 | 11·2 | 13·6 | 11·8 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 2 | — | 6·0 |
| 26 | 56·5 | 57·3 | 58·0 | 25·5 | 13·5 | 19·6 | 24·8 | 22·0 | 63 | 48 | 53 | 10·8 | 11·2 | 10·4 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NNW | 2 | — | 5·0 |
| 27 | 59·6 | 57·6 | 57·4 | 26·0 | 13·0 | 19·4 | 24·8 | 21·6 | 70 | 55 | 60 | 11·8 | 12·8 | 12·5 | 0 | 0 | 0 | NNW | 2 | WNW | 3 | NNW | 2 | — | 5·0 |
| 28 | 58·6 | 56·8 | 56·5 | 25·5 | 11·5 | 18·0 | 24·2 | 21·2 | 73 | 53 | 55 | 11·2 | 11·9 | 10·4 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 5·0 |
| 29 | 58·5 | 56·9 | 57·3 | 25·0 | 12·5 | 18·6 | 24·6 | 21·0 | 73 | 45 | 60 | 11·7 | 10·1 | 11·0 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 4·0 |
| 30 | 56·0 | 56·8 | 57·2 | 26·0 | 13·0 | 18·6 | 25·6 | 22·8 | 62 | 44 | 39 | 9·9 | 10·7 | 7·9 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 4·0 |
| 31 | 58·4 | 56·6 | 57·1 | 26·0 | 14·5 | 19·0 | 25·4 | 22·0 | 66 | 40 | 50 | 10·8 | 9·6 | 9·9 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 4·6 |
| Month | 57·31 | 55·54 | 56·05 | 29·3 | 16·5 | 22·0 | 28·6 | 25·4 | 74 | 53 | 57 | 14·8 | 15·7 | 13·9 | 0·0 | 0·0 | 0·0 | — | 2·4 | — | 2·9 | — | 2·5 | — | 6·04 |

**Remarks:—**

# ASSIUT.

$\varphi = 27° 11' N.$ $\lambda = 31° 12' 36'' E.$ $H = 55·4$ m. $h_t = 2·0$ m.

$C_h = +5$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·3 | 56·4 | 57·2 | 26·0 | 15·0 | 19·0 | 25·0 | 21·8 | 77 | 47 | 64 | 12·6 | 11·1 | 12·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 3 | — | 5·0 |
| 2 | 58·3 | 57·0 | 57·5 | 25·5 | 12·5 | 17·8 | 25·0 | 20·8 | 63 | 50 | 73 | 9·6 | 11·7 | 13·3 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 4·5 |
| 3 | 59·0 | 57·4 | 58·2 | 25·5 | 11·5 | 17·8 | 25·4 | 20·8 | 61 | 48 | 65 | 9·3 | 11·5 | 11·8 | 0 | 0 | 0 | NW | 2 | NW | 3 | NW | 2 | — | 4·0 |
| 4 | 59·0 | 56·7 | 58·0 | 25·0 | 13·5 | 18·2 | 24·8 | 20·8 | 67 | 36 | 67 | 10·5 | 8·5 | 12·1 | 0 | 0 | 0 | NW | 2 | NW | 2 | NNW | 2 | — | 4·0 |
| 5 | 59·3 | 57·8 | 57·4 | 24·0 | 11·0 | 18·0 | 22·8 | 19·2 | 58 | 50 | 53 | 8·9 | 10·3 | 8·7 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NW | 2 | — | 4·5 |
| 6 | 58·8 | 58·0 | 58·5 | 23·5 | 12·5 | 17·6 | 22·4 | 19·0 | 63 | 45 | 56 | 9·4 | 9·0 | 9·1 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NNW | 2 | — | 4·2 |
| 7 | 60·7 | 58·3 | 59·2 | 25·5 | 11·0 | 16·8 | 24·4 | 21·0 | 64 | 35 | 37 | 9·1 | 8·1 | 6·9 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 4·0 |
| 8 | 59·6 | 58·1 | 58·7 | 24·5 | 11·0 | 17·0 | 23·5 | 20·0 | 66 | 42 | 47 | 9·5 | 9·0 | 8·3 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NW | 2 | — | 4·0 |
| 9 | 59·8 | 58·1 | 58·4 | 27·5 | 12·5 | 19·0 | 26·2 | 22·6 | 72 | 47 | 54 | 11·7 | 11·9 | 11·0 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NW | 2 | — | 5·0 |
| 10 | 60·5 | 58·5 | 59·2 | 26·5 | 12·0 | 17·4 | 24·8 | 21·6 | 74 | 39 | 48 | 11·0 | 9·1 | 9·2 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 5·0 |
| 11 | 60·5 | 57·9 | 58·7 | 24·5 | 13·0 | 17·6 | 24·0 | 21·0 | 65 | 34 | 46 | 9·7 | 7·8 | 8·5 | 0 | 0 | 0 | N | 3 | NNE | 3 | NW | 2 | — | 5·0 |
| 12 | 60·3 | 58·0 | 58·8 | 24·5 | 12·0 | 17·4 | 23·8 | 20·0 | 68 | 47 | 55 | 10·1 | 10·3 | 9·6 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NW | 2 | — | 5·0 |
| 13 | 60·3 | 57·9 | 58·5 | 25·5 | 9·5 | 15·0 | 24·6 | 20·0 | 70 | 36 | 40 | 8·9 | 8·3 | 6·9 | 0 | 0 | 0 | NNW | 3 | NNW | 2 | NW | 2 | — | 4·0 |
| 14 | 59·9 | 57·8 | 58·4 | 26·0 | 8·5 | 13·4 | 25·2 | 21·0 | 71 | 26 | 28 | 8·1 | 6·2 | 5·3 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 4·0 |
| 15 | 57·5 | 55·9 | 56·5 | 25·5 | 9·0 | 15·6 | 24·6 | 21·2 | 57 | 26 | 29 | 7·5 | 6·0 | 5·4 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NW | 2 | — | 3·0 |
| 16 | 58·5 | 57·2 | 57·8 | 22·5 | 8·5 | 16·0 | 21·6 | 17·8 | 57 | 44 | 51 | 7·8 | 8·4 | 7·7 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 4·0 |
| 17 | 60·1 | 58·2 | 58·7 | 23·5 | 10·0 | 14·2 | 23·2 | 19·6 | 78 | 41 | 42 | 9·4 | 8·8 | 7·2 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NW | 2 | — | 3·0 |
| 18 | 59·3 | 57·6 | 57·9 | 24·0 | 10·0 | 15·4 | 23·6 | 20·0 | 70 | 38 | 40 | 9·2 | 8·3 | 6·9 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| 19 | 58·7 | 56·7 | 57·3 | 24·5 | 9·5 | 14·4 | 24·0 | 20·0 | 61 | 31 | 28 | 7·5 | 6·9 | 4·8 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 3·0 |
| 20 | 60·3 | 59·0 | 59·6 | 21·0 | 10·5 | 14·0 | 20·6 | 17·8 | 78 | 42 | 49 | 9·2 | 7·6 | 7·5 | 2 | 2 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 4·0 |
| 21 | 61·9 | 59·6 | 60·2 | 22·0 | 8·0 | 14·0 | 21·2 | 17·6 | 57 | 40 | 41 | 6·7 | 7·5 | 6·0 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 2 | — | 3·6 |
| 22 | 59·8 | 57·6 | 58·2 | 22·5 | 9·0 | 14·4 | 22·2 | 19·4 | 74 | 41 | 43 | 9·0 | 8·0 | 7·3 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NW | 2 | — | 3·0 |
| 23 | 59·3 | 57·3 | 57·8 | 21·0 | 9·0 | 15·6 | 20·4 | 17·4 | 70 | 47 | 59 | 9·3 | 8·3 | 8·7 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 3·0 |
| 24 | 60·0 | 58·8 | 59·8 | 20·0 | 10·5 | 14·2 | 19·4 | 16·0 | 80 | 47 | 77 | 9·6 | 7·8 | 10·4 | 0 | 0 | 0 | NNW | 2 | WNW | 2 | NNW | 2 | — | 3·0 |
| 25 | 61·0 | 59·1 | 60·4 | 22·0 | 9·0 | 13·6 | 21·2 | 18·2 | 73 | 39 | 43 | 8·5 | 7·3 | 6·7 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| 26 | 60·9 | 58·4 | 58·8 | 21·5 | 7·0 | 12·0 | 20·8 | 17·2 | 67 | 40 | 33 | 7·0 | 7·2 | 4·8 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NW | 2 | — | 3·0 |
| 27 | 60·1 | 57·6 | 58·1 | 21·0 | 7·0 | 12·2 | 20·4 | 17·2 | 67 | 44 | 35 | 7·1 | 7·7 | 5·1 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NW | 2 | — | 3·0 |
| 28 | 58·3 | 56·1 | 56·7 | 22·0 | 9·0 | 13·0 | 21·4 | 18·2 | 80 | 38 | 43 | 8·8 | 7·1 | 6·7 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| 29 | 59·4 | 55·6 | 56·2 | 21·5 | 9·0 | 13·4 | 20·6 | 17·2 | 77 | 36 | 50 | 8·8 | 6·5 | 7·3 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NW | 2 | — | 3·0 |
| 30 | 57·9 | 56·0 | 56·5 | 23·5 | 10·0 | 15·0 | 23·0 | 19·0 | 72 | 38 | 46 | 9·2 | 7·8 | 7·5 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 3·0 |
| Month | 59·54 | 57·62 | 58·24 | 23·7 | 10·3 | 15·6 | 23·0 | 19·4 | 69 | 40 | 48 | 9·1 | 8·5 | 8·1 | 0·1 | 0·1 | 0·0 | — | 2·1 | — | 2·3 | — | 2·1 | — | 3·76 |

**Remarks:** —

$C_h = +5$ mm.

## December 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57·7 | 56·6 | 57·1 | 22·5 | 8·0 | 13·4 | 22·0 | 18·0 | 64 | 36 | 38 | 7·3 | 7·0 | 5·8 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 3·0 |
| 2 | 62·0 | 55·7 | 56·2 | 25·5 | 11·0 | 16·2 | 24·0 | 19·4 | 73 | 42 | 55 | 10·0 | 9·2 | 9·2 | 0 | 0 | 0 | WNW | 2 | NNW | 2 | NW | 2 | — | 3·0 |
| 3 | 60·8 | 59·6 | 60·6 | 17·5 | 7·0 | 12·8 | 16·8 | 11·2 | 64 | 48 | 83 | 7·0 | 6·8 | 8·2 | 0 | 2 | 2 | NW | 2 | NW | 2 | NW | 2 | — | 4·0 |
| 4 | 62·1 | 60·5 | 61·0 | 20·0 | 7·0 | 11·8 | 19·0 | 13·8 | 69 | 48 | 59 | 7·1 | 7·8 | 6·9 | 0 | 2 | 0 | NNW | 2 | NNW | 3 | NW | 2 | — | 2·0 |
| 5 | 63·3 | 61·0 | 60·9 | 20·5 | 7·5 | 11·6 | 19·8 | 16·2 | 80 | 43 | 49 | 8·2 | 7·3 | 6·6 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 3·0 |
| 6 | 59·8 | 57·7 | 57·8 | 20·0 | 6·5 | 11·6 | 19·8 | 14·2 | 69 | 47 | 55 | 7·0 | 8·1 | 6·6 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 3·0 |
| 7 | 59·8 | 57·6 | 58·0 | 19·5 | 9·0 | 13·0 | 19·0 | 14·2 | 59 | 35 | 57 | 6·6 | 5·7 | 6·9 | 0 | 0 | 0 | NW | 2 | NW | 3 | NW | 2 | — | 3·0 |
| 8 | 59·0 | 56·5 | 57·0 | 19·5 | 7·5 | 11·2 | 19·0 | 16·5 | 73 | 46 | 38 | 7·2 | 7·5 | 5·2 | 0 | 0 | 0 | NNE | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| 9 | 56·2 | 53·8 | 54·2 | 22·0 | 8·5 | 12·0 | 21·6 | 15·8 | 69 | 28 | 41 | 7·2 | 5·4 | 5·4 | 0 | 0 | 0 | NNW | 2 | WNW | 2 | NNW | 2 | — | 2·0 |
| 10 | 56·0 | 53·9 | 54·6 | 19·5 | 9·0 | 12·6 | 18·8 | 13·4 | 52 | 46 | 52 | 5·7 | 7·4 | 5·9 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| 11 | 57·0 | 55·8 | 57·1 | 17·5 | 9·0 | 12·0 | 17·2 | 13·8 | 52 | 36 | 41 | 5·4 | 5·3 | 4·8 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | — | 2·0 |
| 12 | 59·6 | 57·7 | 58·1 | 21·0 | 8·0 | 12·0 | 20·4 | 15·2 | 76 | 39 | 54 | 8·0 | 6·9 | 7·0 | 0 | 0 | 0 | NNW | 2 | SSW | 2 | NW | 2 | — | 2·0 |
| 13 | 59·5 | 57·6 | 58·1 | 21·0 | 7·5 | 12·4 | 20·6 | 15·8 | 61 | 29 | 42 | 6·5 | 5·2 | 5·7 | 0 | 0 | 0 | SW | 2 | NW | 2 | NW | 2 | — | 3·0 |
| 14 | 60·4 | 58·5 | 59·3 | 18·0 | 8·0 | 12·6 | 17·2 | 13·4 | 68 | 46 | 66 | 7·3 | 6·8 | 7·6 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 4 | — | 3·0 |
| 15 | 60·6 | 58·7 | 59·1 | 18·0 | 7·0 | 10·6 | 17·4 | 12·2 | 72 | 49 | 63 | 6·8 | 7·2 | 6·6 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 2·4 |
| 16 | 58·3 | 57·3 | 58·3 | 18·5 | 7·0 | 10·0 | 18·0 | 13·4 | 82 | 39 | 60 | 7·5 | 6·1 | 6·9 | 0 | 0 | 0 | WSW | 2 | NNW | 3 | NW | 2 | — | 2·0 |
| 17 | 62·5 | 61·3 | 61·8 | 16·0 | 6·5 | 8·6 | 15·6 | 11·4 | 65 | 35 | 48 | 5·4 | 4·6 | 4·8 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NNW | 2 | — | 2·0 |
| 18 | 64·2 | 62·8 | 63·4 | 17·0 | 7·0 | 9·4 | 16·8 | 12·0 | 69 | 41 | 56 | 6·0 | 5·8 | 5·8 | 0 | 0 | 0 | NW | 2 | NNW | 3 | NW | 2 | — | 2·0 |
| 19 | 64·9 | 63·1 | 63·7 | 18·0 | 5·0 | 8·6 | 17·4 | 12·2 | 78 | 44 | 56 | 6·5 | 6·4 | 6·0 | 0 | 0 | 0 | NNW | 2 | NNE | 3 | NW | 2 | — | 2·0 |
| 20 | 65·0 | 63·1 | 63·8 | 17·5 | 5·0 | 7·4 | 17·0 | 12·2 | 86 | 39 | 43 | 6·6 | 5·7 | 4·6 | 0 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 3 | — | 2·4 |
| 21 | 65·4 | 63·1 | 63·5 | 18·0 | 5·0 | 9·4 | 17·5 | 12·6 | 82 | 45 | 61 | 7·2 | 6·6 | 6·6 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 2·0 |
| 22 | 63·8 | 62·4 | 64·4 | 17·5 | 6·5 | 8·4 | 16·8 | 11·0 | 78 | 41 | 73 | 6·4 | 5·8 | 7·1 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 3·0 |
| 23 | 67·0 | 66·8 | 66·4 | 16·5 | 6·0 | 8·2 | 15·8 | 9·6 | 83 | 44 | 82 | 6·8 | 5·9 | 7·2 | 0 | 0 | 0 | NW | 2 | NNW | 2 | NNW | 2 | — | 2·0 |
| 24 | 68·4 | 66·5 | 67·6 | 17·5 | 4·0 | 9·2 | 16·4 | 10·6 | 76 | 45 | 70 | 6·6 | 6·3 | 6·6 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NW | 2 | — | 2·4 |
| 25 | 67·1 | 64·7 | 65·6 | 17·5 | 4·0 | 7·8 | 16·6 | 10·8 | 86 | 37 | 63 | 6·8 | 5·2 | 6·1 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NW | 2 | — | 2·6 |
| 26 | 65·5 | 63·8 | 64·6 | 21·0 | 4·0 | 8·8 | 20·0 | 14·6 | 66 | 18 | 28 | 5·5 | 3·1 | 3·4 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NNW | 2 | — | 2·0 |
| 27 | 64·3 | 62·4 | 63·6 | 20·5 | 4·0 | 6·8 | 20·0 | 14·8 | 80 | 15 | 21 | 5·9 | 2·6 | 2·6 | 0 | 0 | 0 | NNW | 2 | NW | 2 | NW | 2 | — | 2·0 |
| 28 | 64·0 | 62·6 | 63·4 | 19·0 | 5·5 | 11·0 | 18·4 | 12·8 | 85 | 57 | 77 | 8·3 | 8·9 | 8·4 | 0 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 2·0 |
| 29 | 61·3 | 59·7 | 60·3 | 20·0 | 3·0 | 5·0 | 19·2 | 12·8 | 81 | 45 | 68 | 5·3 | 7·4 | 7·5 | 0 | 0 | 0 | NNW | 2 | NNE | 2 | NW | 2 | — | 2·0 |
| 30 | 61·4 | 60·1 | 60·9 | 20·0 | 9·0 | 10·4 | 19·5 | 14·8 | 85 | 51 | 51 | 8·0 | 8·6 | 6·3 | 2 | 0 | 0 | NNE | 2 | NNW | 2 | NW | 2 | — | 2·0 |
| 31 | 62·8 | 60·6 | 61·3 | 23·5 | 8·5 | 8·6 | 23·0 | 16·8 | 89 | 32 | 27 | 7·4 | 6·7 | 3·8 | 2 | 0 | 0 | NNW | 2 | NNW | 2 | NNW | 2 | — | 2·2 |
| Month | 61·89 | 60·05 | 60·70 | 19·4 | 6·8 | 10·4 | 18·7 | 13·7 | 73 | 40 | 54 | 6·9 | 6·4 | 6·2 | 0·1 | 0·1 | 0·1 | — | 2·0 | — | 2·3 | — | 2·1 | — | 2·45 |

**Remarks:**—3 ● ° 14[03].

# DAKHLA OASIS.

$\varphi = 25° 29' N.$ $\lambda = 28° 59' 30'' E.$ $h_t = 2·0$ m.

$C_h = +12$ mm. **January 1913.**

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 55·2 | 52·4 | 52·0 | 20·7 | 7·0 | 13·5 | 19·5 | 15·0 | 56 | 39 | 53 | 6·4 | 6·6 | 6·8 | 2 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 5·2 |
| 2 | 56·5 | 53·0 | 54·7 | 20·8 | 3·5 | 12·5 | 20·5 | 13·5 | 44 | 41 | 51 | 4·7 | 7·3 | 5·9 | 1 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 4·2 |
| 3 | 57·0 | 53·5 | 55·0 | 10·0 | 2·5 | 11·0 | 18·5 | 12·5 | 25 | 50 | 54 | 2·4 | 7·8 | 5·9 | 0 | 0 | 0 | N | 2 | N | 4 | N | 2 | — | 4·4 |
| 4 | 55·9 | 55·4 | 56·6 | 19·4 | 4·5 | 13·5 | 19·0 | 13·0 | 61 | 54 | 55 | 7·0 | 8·9 | 6·2 | 0 | 3 | 2 | N | 2 | N | 1 | N | 3 | — | 5·2 |
| 5 | 53·2 | 50·7 | 52·0 | 21·6 | 5·5 | 14·5 | 21·0 | 13·0 | 53 | 45 | 61 | 6·4 | 8·3 | 6·7 | 0 | 2 | 0 | N | 1 | N | 2 | N | 3 | — | 4·5 |
| 6 | 52·2 | 50·4 | 52·8 | 20·8 | 4·5 | 13·0 | 20·0 | 14·5 | 30 | 40 | 53 | 3·3 | 6·9 | 6·4 | 2 | 3 | 2 | N | 2 | Calm | 0 | N | 3 | — | 4·7 |
| 7 | 52·4 | 50·3 | 51·1 | 23·6 | 5·0 | 12·5 | 22·5 | 13·0 | 30 | 37 | 66 | 4·2 | 7·4 | 7·3 | 0 | 0 | 0 | N | 3 | N | 4 | N | 2 | — | 3·8 |
| 8 | 54·1 | 51·7 | 52·9 | 17·6 | 3·0 | 12·0 | 17·0 | 9·5 | 28 | 34 | 38 | 2·9 | 4·9 | 3·3 | 2 | 0 | 2 | N | 3 | N | 2 | N | 4 | — | 3·9 |
| 9 | 52·7 | 50·8 | 58·9 | 19·2 | 0·0 | 11·0 | 18·5 | 13·5 | 8 | 37 | 46 | 0·8 | 5·9 | 5·3 | 3 | 2 | 2 | N | 3 | N | 4 | N | 2 | — | 4·1 |
| 10 | 53·3 | 50·8 | 53·4 | 19·6 | 4·5 | 15·5 | 19·5 | 13·0 | 27 | 51 | 40 | 3·5 | 8·6 | 4·4 | 2 | 5 | 2 | N | 2 | N | 2 | N | 3 | — | 4·5 |
| 11 | 52·4 | 50·8 | 52·2 | 20·8 | 6.0 | 13·5 | 20·5 | 13·5 | 51 | 41 | 41 | 5·9 | 7·3 | 4·7 | 4 | 3 | 5 | N | 4 | N | 3 | N | 2 | — | 3·5 |
| 12 | 53·7 | 51·0 | 52·1 | 21·2 | 3.5 | 13·5 | 20·0 | 14·5 | 2 | 47 | 29 | 0·3 | 8·3 | 3·5 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 4·0 |
| 13 | 55·0 | 53·1 | 55·0 | 21·5 | 3.0 | 13·0 | 20·5 | 14·0 | 50 | 41 | 32 | 5·6 | 7·3 | 3·8 | 0 | 0 | 0 | N | 2 | N | 3 | N | 1 | — | 5·0 |
| 14 | 55·9 | 53·5 | 56·6 | 19·6 | 4 5 | 13·5 | 19·0 | 14·0 | 56 | 46 | 47 | 6·4 | 7·5 | 5·6 | 0 | 0 | 0 | N | 3 | Calm | 0 | N | 2 | — | 4·8 |
| 15 | 55·3 | 53·2 | 55·6 | 20·5 | 4.1 | 12·0 | 20·0 | 14·0 | 65 | 55 | 57 | 6·8 | 9·6 | 6·7 | 0 | 2 | 0 | N | 2 | Calm | 0 | N | 3 | — | 4·5 |
| 16 | 52·3 | 51·3 | 52·1 | 20·4 | 6·5 | 14·0 | 20·0 | 14·0 | 62 | 55 | 52 | 7·4 | 9·6 | 6·1 | 2 | 5 | 2 | N | 2 | N | 4 | N | 2 | — | 4·0 |
| 17 | 52·8 | 50·8 | 51·4 | 20·0 | 7·0 | 16·0 | 19·5 | 17·0 | 59 | 43 | 43 | 8·0 | 7·2 | 6·2 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 4·2 |
| 18 | 55·5 | 55·0 | 56·2 | — | 7·5 | 15·0 | 22·0 | 15·0 | 58 | 32 | 44 | 7·4 | 6·4 | 5·5 | 0 | 0 | 0 | N | 2 | Calm | 0 | N | 2 | — | 3·9 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | 51·9 | 51·2 | 53·2 | 21·2 | 7·0 | 14·0 | 21·0 | 15·0 | 57 | 41 | 68 | 6·7 | 7·6 | 8·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 5·1 |
| 22 | 57·2 | 53·4 | 56·4 | 20·7 | 5·0 | 15·0 | 19·5 | 13·5 | 58 | 51 | 46 | 7·4 | 8·6 | 5·3 | 0 | 0 | 0 | N | 2 | Calm | 0 | Calm | 0 | — | 4·5 |
| 23 | 57·9 | 55·4 | 56·0 | 20·6 | 3·0 | 11·5 | 19·5 | 13·5 | 41 | 43 | 56 | 4·2 | 7·2 | 6·4 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 3·9 |
| 24 | 54·9 | 52·8 | 53·3 | 22·3 | 6·0 | 15·0 | 21·5 | 10·0 | 49 | 25 | 32 | 6·1 | 4·7 | 4·3 | 0 | 0 | 0 | N | 3 | Calm | 0 | N | 2 | — | 4·2 |
| 25 | 57·6 | 53·5 | 56·0 | 21·5 | 3·0 | 12·5 | 21·0 | 12·0 | 39 | 27 | 71 | 4·2 | 5·0 | 7·4 | 0 | 0 | 0 | N | 2 | Calm | 0 | N | 3 | — | 3·8 |
| 26 | 57·3 | 54·3 | 56·1 | 20·9 | 4·0 | 15·0 | 20·5 | 16·0 | 53 | 52 | 59 | 6·8 | 9·3 | 8·0 | 0 | 0 | 0 | N | 1 | N | 2 | N | 2 | — | 5·0 |
| 27 | 57·3 | 55·2 | 56·6 | 21·6 | 5·0 | 13·5 | 21·5 | 15·0 | 72 | 42 | 44 | 8·3 | 8·0 | 5·5 | 0 | 0 | 0 | N | 2 | Calm | 0 | Calm | 0 | — | 5·2 |
| 28 | 55·4 | 55·8 | 54·6 | 20·0 | 4·0 | 12·3 | 18·9 | 14·5 | 80 | 51 | 53 | 8·5 | 8·2 | 6·4 | 0 | 0 | 0 | N | 1 | N | 1 | N | 3 | — | 6·5 |
| 29 | 57·8 | 54·6 | 55·8 | 23·0 | 3·0 | 16·0 | 21·0 | 17·0 | 79 | 57 | 80 | 10·7 | 10·5 | 11·5 | 0 | 0 | 0 | N | 2 | N | 1 | N | 3 | — | 7·0 |
| 30 | 55·7 | 53·4 | 53·9 | 24·0 | 3·0 | 11·0 | 21·0 | 19·0 | 58 | 27 | 72 | 5·6 | 5·0 | 11·7 | 0 | 0 | 0 | N | 1 | Calm | 0 | N | 1 | — | 7·3 |
| 31 | 55·7 | 53·2 | 55·4 | 24·0 | 2·0 | 13·5 | 23·0 | 19·0 | 51 | 32 | 38 | 5·9 | 6·7 | 6·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·0 |
| Month | 54·97 | 52·78 | 54·41 | 20·9 | 4·4 | 13·4 | 20·2 | 14·2 | 49 | 43 | 51 | 5·6 | 7·5 | 6·3 | 0·6 | 0·9 | 0·6 | — | 2·1 | — | 1·6 | — | 2·2 | — | 4·65 |

**Remarks :—**

$C_h = +12$ mm. **February 1913.**

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55·6 | 53·3 | 55·1 | 25·0 | 6·0 | 15·0 | 24·0 | 16·0 | 39 | 20 | 41 | 5·0 | 4·5 | 5·5 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·2 |
| 2 | 58·4 | 50·0 | 57·2 | 23·0 | 2·0 | 14·5 | 19·0 | 15·0 | 62 | 63 | 68 | 7·7 | 10·3 | 8·6 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 5·0 |
| 3 | 55·8 | 53·0 | 54·0 | 24·0 | 6·0 | 13·0 | 18·0 | 14·0 | 66 | 44 | 73 | 7·3 | 6·8 | 8·6 | 2 | 0 | 4 | N | 2 | N | 2 | N | 4 | — | 5·5 |
| 4 | 55·7 | 53·7 | 54·9 | 24·5 | 5·0 | 12·0 | 18·5 | 13·0 | 76 | 50 | 89 | 8·0 | 7·8 | 9·8 | 2 | 1 | 2 | N | 3 | N | 1 | N | 3 | — | 5·5 |
| 5 | 56·2 | 53·5 | 55·4 | 23·5 | 3·0 | 13·0 | 19·0 | 16·0 | 55 | 38 | 55 | 6·2 | 6·2 | 7·4 | 4 | 2 | 3 | NW | 3 | N | 3 | NW | 5 | — | 3·5 |
| 6 | 53·9 | 52·4 | 53·6 | 23·0 | 5·0 | 12·0 | 20·0 | 18·0 | 76 | 32 | 40 | 8·0 | 5·6 | 6·2 | 2 | 2 | 2 | N | 3 | N | 3 | N | 4 | — | 3·5 |
| 7 | 57·3 | 54·3 | 56·5 | 22·0 | 2·0 | 13·0 | 17·0 | 14·0 | 45 | 52 | 47 | 5·0 | 7·4 | 5·6 | 1 | 0 | 0 | N | 4 | N | 2 | N | 5 | — | 2·5 |
| 8 | 57·2 | 54·4 | 56·4 | 26·0 | 4·5 | 1[illegible]·0 | 23·0 | 15·0 | 68 | 31 | 44 | 6·2 | 6·4 | 5·5 | 3 | 3 | 3 | NE | 4 | NE | 2 | NE | 4 | — | 4·0 |
| 9 | 53·9 | 52·1 | 51·9 | 23·0 | 2·5 | 16·0 | 21·0 | 15·0 | 28 | 34 | 63 | 3·8 | 6·3 | 8·0 | 10 | 8 | 10 | E | 5 | E | 5 | E | 5 | — | 1·5 |
| 10 | 53·0 | 50·4 | 52·4 | 21·0 | 1·0 | 11·0 | 20·0 | 15·0 | 52 | 40 | 58 | 5·1 | 6·9 | 7·4 | 0 | 3 | 8 | N | 4 | N | 4 | N | 5 | — | 1·5 |
| 11 | 52·7 | 50·2 | 51·5 | 23·0 | 6·0 | 14·0 | 20·0 | 16·0 | 47 | 47 | 55 | 5·6 | 8·3 | 7·4 | 0 | 0 | 0 | SW | 3 | SW | 4 | W | 5 | — | 4·5 |
| 12 | 51·2 | 49·2 | 51·1 | 27·0 | 4·0 | 14·0 | 19·5 | 16·5 | 47 | 43 | 47 | 5·6 | 7·2 | 6·5 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 4·0 |
| 13 | 47·1 | 43·5 | 46·1 | 23·5 | 5·0 | 15·0 | 19·5 | 15·5 | 30 | 43 | 54 | 3·8 | 7·2 | 7·1 | 10 | 10 | 10 | SE | 4 | E | 4 | SW | 5 | — | 5·5 |
| 14 | 57·1 | 54·6 | 56·3 | 22·0 | 3·0 | 14·0 | 20·0 | 16·0 | 57 | 40 | 50 | 6·7 | 6·9 | 6·8 | 4 | 4 | 4 | E | 3 | E | 3 | E | 4 | — | 2·5 |
| 15 | 56·2 | 55·3 | 57·0 | 23·0 | 3·0 | 13·0 | 21·0 | 16·0 | 50 | 27 | 45 | 5·0 | 5·0 | 6·1 | 0 | 0 | 0 | N | 3 | N | 3 | N | 4 | — | 3·0 |
| 16 | 52·6 | 50·4 | 51·8 | 25·0 | 6·0 | 15·0 | 22·0 | 17·0 | 39 | 19 | 34 | 5·0 | 3·8 | 4·9 | 0 | 0 | 0 | W | 3 | NW | 5 | W | 5 | — | 4·0 |
| 17 | 54·6 | 52·6 | 53·6 | 25·0 | 5·5 | 15·5 | 22·0 | 16·0 | 45 | 22 | 36 | 5·8 | 4·4 | 4·0 | 0 | 0 | 0 | N | 4 | N | 4 | N | 4 | — | 6·5 |
| 18 | 55·7 | 53·2 | 54·8 | 26·0 | 5·0 | 17·0 | 23·0 | 17·0 | 43 | 25 | 26 | 6·2 | 5·1 | 4·3 | 0 | 0 | 0 | N | 2 | Calm | 0 | N | 2 | — | 5·5 |
| 19 | 56·6 | 54·4 | 55·7 | 24·0 | 5·5 | 15·0 | 20·0 | 17·5 | 44 | 36 | 31 | 5·5 | 6·3 | 4·0 | 2 | 2 | 2 | N | 3 | N | 2 | N | 4 | — | 4·5 |
| 20 | 57·1 | 55·2 | 56·4 | 23·0 | 3·5 | 13·0 | 21·0 | 15·0 | 45 | 34 | 68 | 5·0 | 6·3 | 8·6 | 0 | 0 | 2 | N | 4 | N | 4 | N | 5 | — | 4·5 |
| 21 | 51·3 | 49·5 | 50·6 | 25·5 | 6·5 | 16·0 | 22·0 | 18·5 | 45 | 32 | 37 | 6·1 | 6·4 | 5·9 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 6·5 |
| 22 | 53·7 | 50·8 | 49·5 | 28·0 | 2·0 | 14·0 | 27·0 | 17·0 | 37 | 15 | 43 | 4·4 | 4·0 | 6·2 | 0 | 0 | 0 | N | 2 | Calm | 0 | N | 1 | — | 8·0 |
| 23 | 51·1 | 44·7 | 47·3 | 33·0 | 6·0 | 15·0 | 29·0 | 21·0 | 30 | 14 | 20 | 3·8 | 4·2 | 3·7 | 0 | 0 | 0 | N | 2 | Calm | 0 | N | 3 | — | 8·0 |
| 24 | 53·9 | 52·1 | 52·9 | 25·5 | 6·5 | 15·0 | 24·0 | 19·0 | 34 | 15 | 19 | 4·4 | 3·2 | 3·1 | 0 | 0 | 0 | N | 4 | N | 4 | N | 4 | — | 6·5 |
| 25 | 54·6 | 51·[illegible] | 53·8 | 27·0 | 5·0 | 14·0 | 24·0 | 20·0 | 42 | 15 | 21 | 5·0 | 3·2 | 3·7 | 3 | 3 | 3 | N | 2 | N | 2 | N | 2 | — | 7·0 |
| 26 | 52·4 | 50·0 | 51·8 | 26·0 | 7·5 | 16·0 | 23·0 | 18·5 | 55 | 31 | 42 | 7·4 | 6·4 | 6·5 | 2 | 2 | 2 | N | 1 | Calm | 0 | N | 2 | — | 6·5 |
| 27 | 55·6 | 51·8 | 51·0 | 23·0 | 5·0 | 17·0 | 21·0 | 19·0 | 34 | 38 | 34 | 4·9 | 7·0 | 5·0 | 2 | 0 | 2 | N | 2 | N | 2 | N | 3 | — | 3·0 |
| 28 | 56·2 | 53·6 | 53·4 | 25·5 | 5·0 | 16·5 | 22·0 | 19·5 | 42 | 36 | 31 | 5·8 | 7·0 | 5·3 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 5·5 |
| | | | | | | | | | | | | | | | | | | | | | | | | — | |
| Month | 54·60 | 52·01 | 53·39 | 24·6 | 4·5 | 14·2 | 21·4 | 16·7 | 48 | 33 | 45 | 5·7 | 6·1 | 6·2 | 1·7 | 1·4 | 2·0 | — | 3·0 | — | 2·5 | — | 3·6 | — | 4·72 |

**Remarks :—** 9 ● 14h.—10 ●² 20h.—13 ●° 8h.

# DAKHLA OASIS.

$\varphi = 25° 29'$ N. $\lambda = 28° 59' 30''$ E. $h_t = 2{\cdot}0$ m.

$C_h = +12$ mm. **March 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52·2 | 49·3 | 49·4 | 28·0 | 4·0 | 14·0 | 26·0 | 18·0 | 47 | 30 | 28 | 5·6 | 7·4 | 4·3 | 0 | 0 | 0 | N | 3 | N | 4 | N | 5 | — | 4·5 |
| 2 | 49·1 | 47·5 | 46·9 | 33·0 | 5·0 | 16·0 | 32·5 | 17·0 | 24 | 14 | — | 3·2 | 4·9 | — | 0 | 8 | 8 | N | 5 | N | 5 | N | 5 | — | 6·0 |
| 3 | 50·3 | 49·4 | 51·4 | 27·0 | 7·5 | 20·0 | 22·0 | 16·0 | 28 | 32 | 41 | 5·0 | 6·4 | 5·5 | 3 | 3 | 4 | N | 5 | N | 6 | N | 7 | — | 4·0 |
| 4 | 53·4 | 52·9 | 55·4 | 23·0 | 3·0 | 9·5 | 15·5 | 8·0 | 43 | 27 | 47 | 3·8 | 3·5 | 3·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 5·0 |
| 5 | 56·8 | 54·8 | 56·6 | 22·0 | 0·0 | 10·0 | 17·0 | 12·0 | 39 | 30 | 13 | 3·5 | 4·3 | 1·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·5 |
| 6 | 55·6 | 53·4 | 55·4 | 23·5 | 0·5 | 12·5 | 16·0 | 13·0 | 49 | 41 | 25 | 5·3 | 5·5 | 2·8 | 0 | 0 | 0 | N | 3 | N | 3 | N | 5 | — | 3·5 |
| 7 | 55·8 | 53·2 | 55·0 | 22·0 | 0·2 | 14·0 | 21·0 | 16·0 | 47 | 38 | 45 | 5·6 | 7·0 | 6·1 | 0 | 0 | 0 | N | 3 | N | 4 | N | 5 | — | 3·5 |
| 8 | 58·2 | 55·5 | 57·3 | 26·0 | 0·5 | 16·0 | 21·5 | 12·0 | 50 | 32 | 54 | 6·8 | 6·0 | 5·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·7 |
| 9 | 55·3 | 53·5 | 54·6 | 21·5 | 0·2 | 11·5 | 19·5 | 13·0 | 47 | 31 | 45 | 4·8 | 5·3 | 5·0 | 0 | 0 | 0 | N | 4 | N | 4 | N | 4 | — | 2·4 |
| 10 | 55·3 | 54·2 | 54·2 | 24·0 | 1·0 | 13·0 | 21·0 | 15·0 | 61 | 30 | 30 | 6·7 | 5·6 | 3·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·8 |
| 11 | 56·2 | 54·9 | 55·6 | 24·0 | 3·0 | 15·0 | 20·0 | 17·0 | 30 | 36 | 30 | 3·8 | 6·3 | 4·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·8 |
| 12 | 54·1 | 51·8 | 53·6 | 22·0 | 0·2 | 14·0 | 20·0 | 16·5 | 42 | 28 | 4 | 5·0 | 5·0 | 0·6 | 0 | 0 | 0 | N | 2 | N | 3 | N | 4 | — | 2·5 |
| 13 | 55·0 | 53·4 | 54·6 | 23·0 | 2·0 | 12·5 | 18·0 | 11·0 | 44 | 32 | 41 | 4·7 | 4·9 | 4·0 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 3·0 |
| 14 | 50·5 | 53·2 | 55·6 | 21·0 | 4·0 | 13·5 | 17·5 | 12·5 | 51 | 48 | 49 | 5·9 | 7·1 | 5·3 | 0 | 0 | 0 | N | 3 | N | 3 | N | 4 | — | 4·0 |
| 15 | 53·0 | 50·2 | 52·0 | 25·0 | 5·0 | 15·0 | 22·0 | 18·5 | 53 | 29 | 37 | 6·8 | 5·7 | 5·9 | 0 | 0 | 0 | N | 1 | Calm | 0 | N | 1 | — | 4·5 |
| 16 | 51·4 | 49·3 | 50·9 | 28·0 | 8·0 | 16·0 | 25·5 | 21·0 | 36 | 18 | 23 | 4·9 | 4·2 | 4·4 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 4·5 |
| 17 | 53·7 | 52·3 | 53·4 | 26·0 | 10·0 | 13·0 | 19·0 | 15·0 | 35 | 26 | 30 | 3·9 | 4·3 | 3·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·7 |
| 18 | 50·9 | 49·5 | 49·9 | 27·0 | 10·0 | 12·5 | 22·0 | 17·0 | 33 | 19 | 26 | 3·6 | 3·8 | 3·7 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 3·0 |
| 19 | 53·2 | 50·6 | 52·9 | 24·0 | 11·0 | 11·5 | 21·0 | 18·5 | 36 | 10 | 18 | 3·7 | 1·8 | 2·8 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 3·0 |
| 20 | 56·2 | 55·0 | 55·5 | 29·5 | 11·0 | 17·5 | 24·0 | 18·5 | 35 | 23 | 29 | 5·2 | 5·2 | 4·6 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 3·0 |
| 21 | 56·4 | 53·6 | 54·9 | 26·0 | 11·0 | 16·5 | 23·0 | 20·5 | 38 | 34 | 37 | 5·2 | 7·1 | 6·6 | 0 | 0 | 0 | N | 3 | N | 2 | N | 4 | — | 4·0 |
| 22 | 55·2 | 52·1 | 54·4 | 25·5 | 14·0 | 17·5 | 24·0 | 22·0 | 40 | 60 | 58 | 5·9 | 13·3 | 11·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 5·2 |
| 23 | 51·7 | 49·2 | 49·3 | 37·5 | 14·0 | 21·0 | 29·5 | 21·0 | 34 | 19 | 30 | 6·3 | 6·0 | 5·6 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 5·5 |
| 24 | 51·2 | 49·3 | 50·3 | 38·5 | 14·0 | 21·5 | 32·5 | 23·0 | 21 | 14 | 34 | 4·1 | 4·9 | 7·1 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 6·0 |
| 25 | 51·8 | 50·0 | 51·3 | 36·0 | 15·0 | 20·0 | 30·5 | 23·0 | 25 | 14 | 15 | 4·3 | 4·7 | 3·2 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 8·0 |
| 26 | 50·8 | 49·4 | 49·1 | 36·0 | 17·0 | 22·0 | 30·0 | 25·0 | 39 | 21 | 31 | 7·7 | 6·5 | 7·3 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 7·5 |
| 27 | 50·2 | 48·4 | 49·3 | 32·0 | 14·0 | 23·0 | 32·0 | 23·5 | 38 | 16 | 16 | 7·8 | 6·0 | 3·5 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 6·5 |
| 28 | 50·6 | 49·6 | 50·3 | 34·0 | 16·0 | 21·0 | 32·0 | 22·5 | 34 | 11 | 17 | 6·3 | 3·8 | 3·5 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 7·6 |
| 29 | 49·4 | 48·7 | 48·3 | 37·0 | 16·0 | 23·0 | 33·5 | 25·0 | 25 | 13 | 22 | 5·1 | 5·1 | 5·2 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 7·5 |
| 30 | 48·3 | 46·6 | 47·7 | 37·0 | 16·0 | 19·5 | 32·5 | 25·0 | 35 | 18 | 25 | 5·9 | 6·5 | 5·9 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 8·0 |
| 31 | 50·0 | 47·2 | 49·2 | 33·5 | 16·0 | 20·0 | 31·0 | 24·0 | 47 | 22 | 33 | 8·3 | 7·4 | 7·2 | 0 | 0 | 0 | N | 1 | N | | N | 1 | — | 6·5 |
| Month | 53·15 | 51·23 | 52·40 | 28·1 | 8·0 | 16·2 | 24·2 | 18·1 | 39 | 26 | 31 | 5·3 | 5·7 | 4·8 | 0·1 | 0·4 | 0·4 | — | 2·0 | — | 1·9 | — | 2·4 | — | 4·81 |

**Remarks.—**

$C_h = +11$ mm. **April 1913.**

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49·9 | 48·0 | 49·9 | 30·5 | 16·0 | 21·0 | 29·0 | 22·0 | 20 | 24 | 43 | 3·7 | 7·1 | 8·4 | 3 | 3 | 3 | N | 3 | N | 1 | N | 3 | — | 7·3 |
| 2 | 49·4 | 46·8 | 47·4 | 41·0 | 14·5 | 20·0 | 34·0 | 27·0 | 47 | 18 | 26 | 8·3 | 7·2 | 6·8 | 0 | 0 | 0 | N | 1 | NW | 3 | NW | 4 | — | 7·6 |
| 3 | 49·9 | 47·9 | 50·0 | 31·5 | 18·8 | 22·0 | 30·0 | 24·0 | 12 | 16 | 29 | 2·5 | 5·0 | 6·5 | 4 | 2 | 5 | N | 5 | N | 2 | N | 4 | — | 7·5 |
| 4 | 52·2 | 50·8 | 51·5 | 32·5 | 16·0 | 19·5 | 28·5 | 20·0 | 35 | 16 | 32 | 5·9 | 4·5 | 5·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·0 |
| 5 | 52·4 | 51·0 | 51·9 | 35·5 | 13·0 | 23·5 | 31·0 | 23·0 | 32 | 25 | 38 | 6·8 | 8·2 | 7·8 | 2 | 2 | 4 | N | 2 | N | 1 | N | 3 | — | 6·7 |
| 6 | 51·0 | 48·0 | 49·1 | 37·0 | 15·0 | 25·0 | 32·0 | 24·0 | 34 | 26 | 33 | 8·0 | 9·2 | 7·2 | 0 | 0 | 0 | N | 3 | N | 1 | N | 4 | — | 5·8 |
| 7 | 46·9 | 46·0 | 45·5 | 40·0 | 16·0 | 21·0 | 36·0 | 28·0 | 23 | 10 | 17 | 4·4 | 4·4 | 4·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·8 |
| 8 | 45·7 | 44·2 | 46·0 | 40·5 | 17·5 | 24·5 | 39·0 | 29·0 | 50 | 9 | 29 | 11·4 | 4·9 | 8·6 | 10 | 6 | 10 | N | 3 | N | 1 | N | 4 | — | 9·3 |
| 9 | 47·5 | 45·6 | 45·6 | 37·0 | 20·0 | 23·0 | 33·5 | 27·5 | 56 | 26 | 35 | 11·5 | 9·9 | 9·5 | 2 | 1 | 2 | N | 3 | N | 1 | N | 3 | — | 7·5 |
| 10 | 49·5 | 47·5 | 47·4 | 40·0 | 18·5 | 27·0 | 34·5 | 26·0 | 29 | 32 | 36 | 7·6 | 12·9 | 8·9 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·5 |
| 11 | 48·7 | 46·9 | 46·5 | 41·0 | 17·0 | 28·5 | 36·5 | 28·0 | 31 | 14 | 22 | 8·9 | 6·4 | 6·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·0 |
| 12 | 46·1 | 43·8 | 46·2 | 40·5 | 18·0 | 22·0 | 36·0 | 28·0 | 43 | 25 | 33 | 8·4 | 11·0 | 9·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·6 |
| 13 | 47·3 | 47·5 | 47·8 | 43·0 | 17·5 | 21·0 | 36·0 | 25·0 | 41 | 17 | 34 | 7·6 | 7·6 | 8·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·3 |
| 14 | 49·4 | 45·6 | 48·0 | 47·2 | 18·0 | 26·0 | 43·0 | 31·5 | 30 | 23 | 21 | 7·4 | 14·6 | 7·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·5 |
| 15 | 47·9 | 43·4 | 45·3 | 46·0 | 17·5 | 26·0 | 42·0 | 31·0 | 27 | 14 | 13 | 6·7 | 8·3 | 4·4 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 10·5 |
| 17 | 47·2 | 44·3 | 46·8 | 46·0 | 22·0 | 26·0 | 43·0 | 34·0 | 48 | 33 | 31 | 12·1 | 21·2 | 12·3 | 0 | 0 | 0 | N | 3 | N | 2 | N | 6 | — | 10·5 |
| 18 | 49·4 | 45·7 | 45·3 | 42·0 | 22·0 | 30·0 | 39·5 | 33·0 | 53 | 33 | 30 | 16·6 | 17·7 | 11·1 | 0 | 0 | 0 | N | 5 | N | 3 | N | 6 | — | 8·0 |
| 19 | 45·9 | 43·4 | 43·9 | 43·0 | 22·0 | 26·0 | 40·5 | 32·0 | 36 | 40 | 60 | 8·9 | 22·7 | 21·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·5 |
| 20 | 47·9 | 46·0 | 47·8 | 31·0 | 21·0 | 25·2 | 27·8 | 23·5 | 43 | 45 | 56 | 10·2 | 12·6 | 12·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 3 | — | 7·5 |
| 21 | 48·2 | 49·4 | 49·9 | 27·5 | 22·0 | 24·5 | 26·5 | 24·0 | 50 | 46 | 33 | 11·4 | 11·7 | 7·2 | 10 | 9 | 10 | N | 6 | N | 6 | N | 6 | — | 7.0 |
| 22 | 51·2 | 49·5 | 51·0 | 35·0 | 20·0 | 21·0 | 31·0 | 23·0 | 41 | 22 | 31 | 7·6 | 7·4 | 6·4 | 3 | 2 | 4 | N | 2 | N | 1 | N | 2 | — | 8·5 |
| 23 | 49·4 | 48·3 | 49·0 | 34·5 | 21·0 | 22·0 | 32·0 | 21·0 | 47 | 24 | 57 | 9·2 | 8·4 | 10·5 | 3 | 1 | 3 | N | 3 | N | 2 | N | 4 | — | 8·6 |
| 24 | 52·6 | 50·4 | 50·0 | 33·5 | 17·5 | 19·5 | 29·5 | 22·0 | 41 | 17 | 30 | 7·0 | 5·3 | 6·0 | 5 | 5 | 8 | N | 2 | N | 1 | N | 2 | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 5·3 |
| 26 | 50·0 | 48·9 | 48·9 | 41·0 | 14·5 | 19·8 | 32·5 | 26·0 | 35 | 20 | 26 | 6·0 | 7·4 | 6·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 3 | — | 7·5 |
| 27 | 50·4 | 49·6 | 48·9 | 36·0 | 17·5 | 21·8 | 32·4 | 24·0 | 72 | 15 | 40 | 13·8 | 5·8 | 9·0 | 0 | 0 | 0 | N | 3 | N | 1 | N | 3 | — | 6·2 |
| 28 | 49·6 | 47·7 | 49·1 | 43·0 | 19·0 | 22·5 | 36·6 | 28·8 | 59 | 36 | 41 | 11·8 | 16·4 | 12·0 | 0 | 0 | 0 | N | 3 | N | 1 | N | 3 | — | 8·8 |
| 29 | 47·1 | 45·4 | 46·2 | 45·0 | 18·0 | — | 37·2 | 29·2 | — | 32 | 38 | — | 15·0 | 11·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·2 |
| 30 | 45·2 | 43·6 | 44·7 | 39·0 | — | 24·0 | 30·0 | 28·0 | 23 | 26 | 27 | 5·2 | 8·3 | 7·7 | 0 | 0 | 0 | N | 3 | N | 1 | N | 4 | — | 9·5 |
| Month | 48·85 | 46·95 | 47·84 | 38·6 | 18·3 | 23·4 | 34·3 | 26·5 | 39 | 24 | 34 | 8·5 | 10·0 | 8·6 | 1·5 | 1·1 | 1·8 | — | 2·4 | — | 1·4 | — | 3·1 | — | 8·32 |

**Remarks.—**

# DAKHLA OASIS.

$\varphi = 25° 29'$ N. $\lambda = 28° 59' 30''$ E. $h_t = 2{\cdot}0$ m.

$C_h = +11$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 48·3 | 44·1 | 49·0 | 39·0 | 19·0 | 27·5 | 37·0 | 32·5 | 27 | 24 | 18 | 7·3 | 11·3 | 6·5 | 3 | 2 | 4 | N | 2 | N | 1 | N | 3 | — | 9·5 |
| 2 | 48·5 | 48·6 | 48·1 | 37·0 | 19·0 | 24·5 | 32·5 | 28·0 | 13 | 26 | 33 | 2·9 | 9·4 | 9·2 | 10 | 8 | 6 | N | 2 | N | 1 | N | 2 | — | 9·6 |
| 3 | 48·4 | 48·7 | 48·8 | 35·5 | 22·0 | 24·5 | 33·5 | 27·0 | 26 | 30 | 20 | 5·9 | 11·7 | 5·4 | 10 | 8 | 8 | N | 2 | N | 1 | N | 5 | — | 6·2 |
| 4 | 54·0 | 52·4 | 54·6 | 38·5 | 12·5 | 26·5 | 30·5 | 25·5 | 25 | 29 | 42 | 6·4 | 9·3 | 10·0 | 5 | 3 | 5 | N | 2 | N | 1 | N | 2 | — | 5·5 |
| 5 | 55·5 | 52·1 | 54 4 | 40·6 | 9·8 | 21·0 | 39·5 | 22·5 | 61 | 23 | 51 | 11·2 | 12·6 | 10.3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 7·8 |
| 6 | 55·3 | 52·4 | 53·8 | 38·0 | 9·6 | 21·5 | 30·5 | 21·5 | 54 | 26 | 42 | 10.2 | 8·5 | 8·0 | 2 | 2 | 2 | N | 3 | N | 2 | N | 1 | — | 8·2 |
| 7 | 48·9 | 50·3 | 52·4 | 32·5 | 9·7 | 21·0 | 29·5 | 21·5 | 38 | 34 | 41 | 7·0 | 10·4 | 7·8 | 0 | 0 | 0 | N | 1 | N | 3 | N | 5 | — | 9·3 |
| 8 | 52·2 | 49·2 | 53·0 | 33·0 | 11·0 | 22·0 | 32·4 | 21·0 | 36 | 32 | 38 | 7·0 | 11·5 | 7·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·0 |
| 9 | 52·2 | 50·3 | 51·3 | 32·0 | 12·0 | 26·0 | 31·0 | 22·5 | 30 | 19 | 10 | 7·4 | 6·6 | 2·1 | 8 | 6 | 8 | N | 3 | N | 2 | N | 4 | — | 8·6 |
| 10 | 52·8 | 51·3 | 52·7 | 30·0 | 9·5 | 23·0 | 28·8 | 20·5 | 41 | 24 | 41 | 8·6 | 7·2 | 7·3 | 6 | 6 | 6 | N | 2 | N | 1 | N | 2 | — | 7·5 |
| 11 | 54·8 | 52·1 | 53·8 | 32·0 | 12·0 | 26·5 | 31·0 | 24·0 | 25 | 17 | 39 | 6·4 | 5·9 | 8·7 | 3 | 2 | 2 | N | 2 | N | 1 | N | 2 | — | 6·2 |
| 12 | 55·0 | 52·5 | 53·4 | 29·1 | 12·0 | 22·0 | 28·0 | 21·0 | 47 | 36 | 34 | 9·2 | 10·0 | 6·3 | 0 | 0 | 3 | N | 3 | N | 3 | N | 5 | — | 6·4 |
| 13 | 56·1 | 52·6 | 53·7 | 30·5 | 11·0 | 19·5 | 29·0 | 22·5 | 47 | 26 | 44 | 7·9 | 7·9 | 8·8 | 0 | 0 | 5 | N | 3 | N | 2 | N | 5 | — | 6·7 |
| 14 | 55·0 | 50·9 | 51·8 | 32·0 | 13·0 | 23·0 | 32·0 | 26·5 | 48 | 33 | 34 | 10·0 | 11·7 | 8·6 | 0 | 0 | 0 | N | 4 | N | 2 | N | 6 | — | 7·5 |
| 15 | 52·0 | 48·4 | 49·8 | 36·9 | 14·0 | 26·0 | 35·0 | 27·0 | 36 | — | 43 | 8·9 | — | 11·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·9 |
| 16 | 52·0 | 48·4 | 49·8 | 37·0 | 12·5 | 26·0 | 36·0 | 27·0 | 39 | 29 | 29 | 9·7 | 12·9 | 7·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·5 |
| 17 | 49·0 | 46·4 | 49·3 | 40·5 | 13·0 | 32·0 | 38·0 | 30·0 | 36 | 27 | 38 | 12·6 | 13·5 | 12·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·3 |
| 18 | 49·9 | 47·2 | 48·3 | 39·2 | 14·5 | 30·8 | 37·0 | 27·0 | 28 | 26 | 33 | 9·1 | 12·2 | 8·6 | 3 | 3 | 3 | N | 1 | N | 1 | N | 1 | — | 12·4 |
| 19 | 51·0 | 48·6 | 50·6 | 39·2 | 15·0 | 26·0 | 38·1 | 27·8 | 33 | 27 | 34 | 8·2 | 13·5 | 9·4 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | — | 13·6 |
| 20 | 51·3 | 48·2 | 51·6 | 37·5 | 16·5 | 26·8 | 36·6 | 27·0 | 24 | 19 | 31 | 6·2 | 8·9 | 8·3 | 0 | 0 | 0 | N | 3 | N | 1 | N | 3 | — | 12·5 |
| 21 | 50·5 | 47·9 | 51·0 | 34·5 | 12·5 | 24.0 | 32·5 | 26·8 | 39 | 21 | 35 | 8·7 | 7·8 | 9·2 | 4 | 4 | 7 | N | 2 | N | 1 | N | 2 | — | 11·7 |
| 22 | 50·8 | 48·9 | 51·0 | 33·5 | 11·5 | 25·5 | 32·5 | 25·0 | 41 | 18 | 34 | 9·7 | 6·5 | 8·0 | 2 | 0 | 0 | N | 2 | N | 3 | N | 3 | — | 11·2 |
| 23 | 51·0 | 48·3 | 50·5 | 36·3 | 16·0 | 28·8 | 35·0 | 26·0 | 24 | 19 | 39 | 7·2 | 8·2 | 9·7 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | — | 12·5 |
| 24 | 50·2 | 47·9 | 50·4 | 39·6 | 17·5 | 24·5 | 37·8 | 27·8 | 49 | 20 | 34 | 11·1 | 9·9 | 9·4 | 4 | 4 | 4 | N | 2 | N | 1 | N | 2 | — | 13·3 |
| 25 | 49·0 | 47·0 | 48·8 | 41·8 | 17·5 | 26·5 | 40·0 | 28·8 | 46 | 24 | 35 | 11·7 | 13·9 | 10·3 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | — | 12·7 |
| 26 | 48·4 | 45·6 | 46·1 | 42·3 | 19·5 | 30·0 | 40·2 | 35·5 | 28 | 20 | 9 | 8·8 | 11·3 | 3·9 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | — | 13·4 |
| 27 | 47·0 | 45·6 | 47·4 | 40·2 | 17·5 | 30·0 | 39·0 | 31·0 | 25 | 21 | 22 | 7·7 | 11·0 | 7·4 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 14·2 |
| 28 | 46·9 | 45·2 | 48·2 | 44.5 | 21·5 | 32·5 | 42·8 | 33·6 | 24 | 17 | 9 | 8·9 | 10·7 | 3·5 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 13·8 |
| 29 | 51·2 | 49·0 | 51·4 | 37·3 | 22·5 | 30·0 | 36·0 | 27·0 | 40 | 25 | 36 | 12·6 | 11·0 | 9·4 | 4 | 4 | 4 | N | 2 | N | 2 | N | 3 | — | 11·6 |
| 30 | 51·0 | 48·2 | 49·4 | 37·5 | 19·2 | 27·5 | 35·8 | 28·0 | 27 | 22 | 27 | 7·4 | 9·9 | 7·7 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 11·5 |
| 31 | 50·1 | 47·2 | 48·6 | 40·5 | 20·0 | 29·0 | 37·5 | 28·0 | 29 | 23 | 35 | 8·6 | 11·0 | 9·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 5 | — | 12·3 |
| Month | 51·24 | 48·89 | 50·74 | 36·7 | 14·9 | 25·9 | 34·7 | 26·4 | 35 | 25 | 33 | 8·5 | 10·2 | 8·1 | 2·1 | 1·7 | 2·2 | — | 1·9 | — | 1·4 | — | 2·5 | — | 10·14 |

**Remarks :—**

$C_h = +11$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49·0 | 47·3 | 48·2 | 41·5 | 21·0 | 30·6 | 40·2 | 32·8 | 25 | 21 | 21 | 8·2 | 11·5 | 7·9 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 13·0 |
| 2 | 49·4 | 48·1 | 49·6 | 44·5 | 22·5 | 31·0 | 40·5 | 33·3 | 30 | 22 | 25 | 10·1 | 12·7 | 9·6 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 15·5 |
| 3 | 49·5 | 47·9 | 50·1 | 39·5 | 22·5 | 29·0 | 38·0 | 29·5 | 37 | 25 | 34 | 11·1 | 12·6 | 10·4 | 0 | 0 | 0 | N | 4 | N | 2 | N | 4 | — | 12·0 |
| 4 | 49·7 | 47·4 | 49·3 | 41·5 | 21.5 | 32·3 | 39·2 | 30.5 | 32 | 26 | 35 | 11·5 | 13·8 | 11·4 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 11·5 |
| 5 | 49·6 | 46·2 | 48·4 | 39·5 | 20.5 | 28·5 | 36·8 | 29·6 | 40 | 29 | 40 | 11·7 | 13·1 | 12·3 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 10·9 |
| 6 | 49·7 | 47·9 | 47·8 | 41·5 | 22·5 | 30·6 | 40·2 | 32·7 | 31 | 17 | 27 | 10·2 | 9·4 | 10·1 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 9·3 |
| 7 | 49·4 | 45·8 | 49·1 | 41·5 | 22·5 | 30·5 | 39·8 | 32·5 | 31 | 19 | 29 | 10·1 | 10·9 | 10·6 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 12·5 |
| 8 | 49·5 | 47·5 | 49·2 | 41·0 | 21·5 | 31·3 | 39·2 | 31·5 | 32 | 22 | 37 | 11·0 | 11·6 | 12·9 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 14·5 |
| 9 | 49·5 | 47·3 | 48·8 | 38·0 | 21 5 | 28·5 | 36·7 | 29·2 | 38 | 28 | 31 | 10·9 | 13·0 | 9·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·2 |
| 10 | 48·0 | 46·5 | 47·9 | 40·5 | 20·5 | 29·5 | 38·2 | 30·0 | 28 | 21 | 30 | 8·6 | 10·6 | 9·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 9·7 |
| 11 | 49·7 | 48·0 | 48·9 | 41·5 | 19·5 | 27·5 | 39·6 | 31·5 | 38 | 24 | 25 | 10·3 | 13·1 | 8·7 | 0 | 0 | 0 | N | 4 | N | 3 | N | 5 | — | 11·3 |
| 12 | 46·9 | 45·4 | 46·4 | 44·5 | 20·5 | 30·7 | 42·3 | 32·0 | 36 | 20 | 33 | 11·7 | 12·6 | 11·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 11·2 |
| 13 | 47·4 | 45·4 | 46·9 | 44.0 | 20·5 | 33·0 | 42·5 | 34·0 | 27 | 19 | 22 | 10·3 | 11·8 | 8·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 3 | — | 13·6 |
| 14 | 48·4 | 46·6 | 47·5 | 44·5 | 22·5 | 31·6 | 42·5 | 35·8 | 35 | 22 | 19 | 12·0 | 13·2 | 8·5 | 0 | 0 | 0 | N | 3 | N | 3 | N | 4 | — | 11·0 |
| 15 | 47·4 | 45·8 | 46·7 | 45·2 | 23·5 | 30·5 | 41·2 | 33·6 | 31 | 24 | 26 | 10·1 | 14·2 | 10.1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·7 |
| 16 | 48·8 | 47·2 | 48·7 | 42·5 | 20·0 | 30·5 | 39·0 | 32·5 | 26 | 16 | 23 | 8·5 | 8·5 | 8·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·9 |
| 17 | 49·4 | 46·6 | 48·7 | 40·2 | 21·5 | 29·3 | 39·0 | 32·5 | 35 | 18 | 20 | 10·8 | 9·5 | 7·3 | 0 | 0 | 0 | N | 3 | N | 1 | N | 3 | — | 9·3 |
| 18 | 50·6 | 47·1 | 49·7 | 38·5 | 22·0 | 25·5 | 35·5 | 28·0 | 55 | 25 | 35 | 13·2 | 10·4 | 9·7 | 0 | 0 | 0 | N | 4 | N | 3 | N | 4 | — | 8·5 |
| 19 | 51·0 | 48·2 | 49·4 | 37·5 | 18·5 | 27·0 | 35·8 | 28·0 | 40 | 25 | 30 | 10·6 | 10·8 | 8·5 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 9·0 |
| 20 | 47·3 | 45·7 | 47·3 | 40·0 | 19·0 | 32·8 | 39·0 | 30·0 | 30 | 23 | 30 | 10·9 | 11·9 | 9·6 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 10·0 |
| 21 | 48·9 | 47·0 | 48·9 | 38·2 | 18·5 | 27·0 | 34·5 | 28·0 | 41 | 26 | 30 | 11·0 | 10·7 | 8·5 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 11·5 |
| 22 | 48·5 | 48·3 | 48·2 | 39·5 | 19·5 | 26·5 | 37·0 | 29·0 | 37 | 16 | 30 | 9·4 | 7·8 | 9·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·7 |
| 23 | 49·4 | 47·4 | 49·4 | 39·6 | 18·0 | 29·0 | 38·5 | 30·8 | 26 | 18 | 18 | 7·9 | 9·1 | 6·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 12·5 |
| 24 | 49·3 | 48·8 | 48·5 | 39·5 | 19·0 | 29·6 | 36·2 | 30·5 | 29 | 21 | 25 | 9·0 | 9·7 | 8·2 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 10·5 |
| 25 | 49·4 | 47·4 | 48·6 | 38·5 | 19·5 | 28·0 | 37·0 | 28·8 | 27 | 20 | 28 | 7·7 | 9·5 | 8·4 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 9·8 |
| 26 | 49·9 | 48·2 | 49·2 | 38·5 | 20·0 | 29·0 | 38·0 | 29·0 | 30 | 21 | 29 | 8·9 | 10·7 | 8·6 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 11·3 |
| 27 | 49·6 | 47·0 | 48·4 | 42·0 | 21·0 | 30·5 | 40·5 | 32·5 | 31 | 19 | 22 | 10·1 | 10·6 | 8·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 13·5 |
| 28 | 46·3 | 44·8 | 47·0 | 44·0 | 22·5 | 32·0 | 42·5 | 33·0 | 33 | 25 | 36 | 11·7 | 15·9 | 13·4 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 14·6 |
| 29 | 48·2 | 46·4 | 48·2 | 41·5 | 24·5 | 31·8 | 40·5 | 32·5 | 27 | 19 | 20 | 9·3 | 10·7 | 7·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | — | 13·5 |
| 30 | 49·7 | 47·0 | 48·4 | 41·5 | 22·5 | 30·0 | 40·3 | 31·5 | 33 | 23 | 26 | 10·4 | 12·6 | 9·2 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 12·5 |
| Month | 48·98 | 47·01 | 48·45 | 41·0 | 21·0 | 29·8 | 39·0 | 31·2 | 33 | 22 | 28 | 10·2 | 11·4 | 9·4 | 0·0 | 0·0 | 0·0 | — | 2·5 | — | 1·8 | — | 2·6 | — | 11·30 |

**Remarks :—**

# DAKHLA OASIS.

$\varphi = 25° 29'$ N. $\lambda = 28° 59' 30''$ E. $h_t = 2·0$ m.

$C_h = +11$ mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49·3 | 47·5 | 49·2 | 39·0 | 23·0 | 26·4 | 33·8 | 24·0 | 40 | 28 | 50 | 10·2 | 11·0 | 10·9 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 7·2 |
| 2 | 49·7 | 48·0 | 49·2 | 39·2 | 22·5 | 25·8 | 34·0 | 26·2 | 49 | 27 | 46 | 12·2 | 10·5 | 11·4 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 7·5 |
| 3 | 50·1 | 48·3 | 50·0 | 40·0 | 22·0 | 25·5 | 36·0 | 24·3 | 45 | 31 | 62 | 10·8 | 13·6 | 13·9 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 7·9 |
| 4 | 50·2 | 48·1 | 50·2 | 41·0 | 23·0 | 25·6 | 38·0 | 27·7 | 50 | 21 | 43 | 12·3 | 10·7 | 12·0 | 0 | 0 | 0 | N | 3 | N | 2 | N | 4 | — | 8·3 |
| 5 | 50·5 | 48·2 | 50·1 | 39·5 | 23·0 | 25·8 | 35·0 | 27·3 | 48 | 26 | 33 | 11·7 | 10·8 | 8·9 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 8·5 |
| 6 | 49·3 | 47·4 | 48·6 | 39·5 | 22·0 | 29·5 | 37·0 | 31·0 | 35 | 16 | 29 | 10.7 | 7·8 | 9·5 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 7·8 |
| 7 | 48·6 | 46·8 | 48·3 | 40·5 | 22·5 | 30·6 | 38.5 | 31·8 | 27 | 16 | 25 | 8·8 | 8·2 | 8·5 | 0 | 0 | 0 | N | 2 | N | 4 | N | 4 | — | 8·5 |
| 8 | 49·1 | 47·6 | 48·4 | 41·5 | 22·0 | 30·4 | 39·0 | 30·5 | 26 | 14 | 20 | 8·6 | 7·4 | 6·5 | 0 | 0 | 0 | N | 4 | N | 2 | N | 3 | — | 9·2 |
| 9 | 48·2 | 46·1 | 47·3 | 43·0 | 23.0 | 30·5 | 39·2 | 32·5 | 31 | 18 | 27 | 10·1 | 9·6 | 9·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | 48·0 | 44.5 | 45·7 | 44·0 | 23·0 | 31·5 | 40·0 | 32·0 | 27 | 12 | 28 | 9·5 | 6·7 | 10·0 | 0 | 0 | 0 | N | 6 | N | 6 | N | 6 | — | 10·3 |
| 12 | 47·5 | 44·9 | 47·2 | 44·0 | 24·5 | 31·0 | 40·5 | 33·0 | 30 | 20 | 25 | 10·0 | 11·1 | 9·4 | 0 | 0 | 0 | N | 4 | N | 4 | N | 4 | — | 10·5 |
| 13 | 47·6 | 46·0 | 46·7 | 49·0 | 25·0 | 35·0 | 43·0 | 35·6 | 20 | 12 | 44 | 8·5 | 7·7 | 19·0 | 0 | 0 | 0 | N | 2 | Calm | 0 | N | 1 | — | 11·5 |
| 14 | 47·8 | 46·2 | 46·4 | 48·5 | 28·0 | 34·0 | 42.5 | 36·3 | 10 | 11 | 40 | 4·0 | 7·1 | 18·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | — | 15·0 |
| 15 | 48·2 | 47·0 | 47·4 | 40·5 | 28·0 | 29·0 | 35·0 | 31·0 | 34 | 17 | 23 | 10·2 | 7·4 | 7·7 | 0 | 0 | 0 | N | 3 | N | 1 | N | 3 | — | 11·0 |
| 16 | 47·6 | 46·3 | 46·4 | 38·5 | 21·0 | 27·5 | 35·5 | 30·7 | 34 | 20 | 25 | 9·1 | 8·5 | 8·4 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 9·0 |
| 17 | 47·8 | 45·4 | 46·7 | 42·5 | 24·0 | 26·4 | 37·3 | 31·6 | 42 | 18 | 37 | 10·5 | 8·5 | 12·9 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 12·2 |
| 18 | 48·2 | 46·8 | 46·4 | 45·0 | 23·0 | 30·0 | 39·2 | 33·7 | 38 | 14 | 23 | 12·1 | 7·6 | 9·0 | 0 | 0 | 0 | N | 1 | N | 1 | N | 2 | — | 13·0 |
| 19 | 47·9 | 46·4 | 45·6 | 43·5 | 25·0 | 31·5 | 42·2 | 34·5 | 37 | 15 | 29 | 12·9 | 9·1 | 12·0 | 0 | 0 | 0 | N | 1 | Calm | 0 | N | 1 | — | 10·3 |
| 20 | 46·8 | 45·5 | 46·1 | 43·3 | 24·0 | 29·0 | 40·0 | 33·3 | 35 | 20 | 31 | 10·5 | 11·5 | 11·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 11·0 |
| 21 | 47·8 | 46·7 | 47·2 | 41·0 | 24·0 | 28·0 | 38·5 | 33·0 | 44 | 26 | 31 | 12·5 | 13·2 | 11·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·0 |
| 22 | 47·2 | 45·0 | 46·8 | 41·5 | 24·0 | 30·8 | 38·2 | 32·6 | 33 | 25 | 33 | 10·8 | 12·4 | 12·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·4 |
| 23 | 48·0 | 46·5 | 47·6 | 39·5 | 23·0 | 27·6 | 36·2 | 31·0 | 41 | 26 | 32 | 11·4 | 11·8 | 10·6 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 7·8 |
| 24 | 46·9 | 44·7 | 44·9 | 43·0 | 22·0 | 31·0 | 38·3 | 32·0 | 40 | 36 | 52 | 13·2 | 18·0 | 18·4 | 0 | 0 | 0 | N | 2 | Calm | 0 | Calm | 0 | — | 10·3 |
| 25 | 46·3 | 44·7 | 45·7 | 43·0 | 23·0 | 26·0 | 41·0 | 31·5 | 46 | 16 | 26 | 11·4 | 9·1 | 9·2 | 0 | 0 | 0 | N | 3 | N | 1 | N | 1 | — | 11·0 |
| 26 | 48·9 | 47·3 | 48·4 | 39·0 | 23·0 | 27·0 | 36·0 | 30·5 | 29 | 12 | 19 | 7·7 | 5·1 | 6·2 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 9·0 |
| 27 | 48·2 | 46·9 | 47·5 | 43·5 | 21·5 | 28·7 | 38·5 | 31·0 | 43 | 20 | 40 | 12·4 | 10·4 | 13·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·0 |
| 28 | 47·6 | 46·8 | 46·5 | 39·5 | 24.0 | 28·0 | 35·3 | 29·0 | 42 | 26 | 24 | 11·8 | 10·7 | 7·1 | 0 | 0 | 0 | N | 1 | N | 1 | N | 3 | — | 8·0 |
| 29 | 48·0 | 46·8 | 46·5 | 40·0 | 23·0 | 28·0 | 35·6 | 30·6 | 29 | 22 | 30 | 8·2 | 9·5 | 9·5 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·0 |
| 30 | 47·9 | 45·4 | 47·2 | 41·6 | 23·5 | 25·6 | 37·0 | 28·6 | 38 | 16 | 56 | 9·2 | 7·8 | 16·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·2 |
| 31 | 47·9 | 46·7 | 47·6 | 44·0 | 25·0 | 25·6 | 38·6 | 30·5 | 43 | 22 | 39 | 10·3 | 11·3 | 12·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·4 |
| Month | 48·24 | 46·48 | 47·39 | 41·9 | 23·5 | 28·7 | 38·0 | 30·9 | 36 | 20 | 34 | 10·4 | 9·8 | 11·2 | 0·0 | 0·0 | 0·0 | — | 2·3 | — | 1·7 | — | 2·3 | — | 9·51 |

**Remarks :—** 11 ∞.

$C_h = +11$ mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 48·3 | 47·2 | 46·9 | 40·0 | 24·0 | 25·0 | 37·0 | 30·0 | 31 | 16 | 41 | 7·3 | 7·8 | 13·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·0 |
| 2 | 48·3 | 45·7 | 46·4 | 43·5 | 25·0 | 26·5 | 41·5 | 33.0 | 43 | 19 | 28 | 10·9 | 11·5 | 10·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·0 |
| 3 | 47·0 | 45·6 | 46.4 | 46·0 | 26·0 | — | 41·5 | 33·6 | — | 12 | 37 | — | 6·8 | 14·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | — | 12·5 |
| 4 | 48·3 | 47·1 | 47·2 | 41·5 | — | 30·0 | 38·5 | 33·0 | 33 | 14 | 37 | 10·4 | 7·1 | 13·8 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 8·5 |
| 5 | 48·7 | 47·3 | 47·3 | 41·0 | 21·5 | 26·6 | 39·0 | 33·0 | 58 | 19 | 32 | 15·0 | 10·1 | 12·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·7 |
| 6 | 48·7 | 47·8 | 47·6 | 39·5 | 26·0 | 26·5 | 37·0 | 30·0 | 34 | 16 | — | 8·6 | 7·8 | — | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·0 |
| 7 | 48·6 | 47·2 | 47·2 | 39·0 | 23·5 | 26·0 | 36·5 | 29·5 | 45 | 19 | 37 | 11·3 | 8·9 | 11·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·0 |
| 8 | 47·6 | 46·0 | 45·9 | 39·5 | 25·0 | 25·5 | 36·6 | 31·0 | 45 | 20 | 32 | 10·8 | 9·4 | 10·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 9·3 |
| 9 | 47·0 | 45·4 | 45·7 | 43·0 | 25·0 | 26·5 | 39·0 | 32·5 | 44 | 19 | 31 | 11·3 | 10·3 | 11·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10.0 |
| 10 | 46·2 | 44·8 | 45·2 | 45·5 | 25·0 | 27·5 | 41·0 | 34·0 | 32 | 12 | 16 | 8·5 | 7·1 | 6·4 | 0 | 0 | 0 | N | 1 | Calm | 0 | N | 1 | — | 12·0 |
| 11 | 47·6 | 46·5 | 46·6 | 42·0 | 27·0 | 27·0 | 38·5 | 34·5 | 34 | 22 | 27 | 9·1 | 11·3 | 11·1 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 9·0 |
| 12 | 47·8 | 46·1 | 45·9 | 44·5 | 23·0 | 26·5 | 39·0 | 32·0 | 31 | 16 | 24 | 7·9 | 8·5 | 8·4 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 10·5 |
| 13 | 46·4 | 45·3 | 45·3 | 43·0 | 25·0 | 28·5 | 39·5 | 33·5 | 39 | 21 | 25 | 11·3 | 11·3 | 9·4 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 9·2 |
| 14 | 47·7 | 44·8 | 45·2 | 42·0 | 23·0 | 27·8 | 40·5 | 32·0 | 23 | 12 | 19 | 6·6 | 6·6 | 6·8 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 9·0 |
| 15 | 46·7 | 45·0 | 45·6 | 43·0 | 25·0 | 28·0 | 39·6 | 33·5 | 30 | 17 | 30 | 8·5 | 9·4 | 11·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·5 |
| 16 | 46·7 | 45·2 | 46·4 | 41.0 | — | 25·0 | 39·6 | 28·5 | 37 | 13 | 40 | 8·8 | 7·6 | 11·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·0 |
| 17 | 48·2 | 47·6 | 47·1 | 43·0 | 24·0 | 31·0 | 39·0 | 34·0 | 32 | 19 | 23 | 10·6 | 10·1 | 9·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·5 |
| 18 | 48·5 | 47·7 | 47·8 | 42·0 | 26·5 | 30·5 | 37·0 | 32·5 | 45 | 30 | 38 | 14·4 | 14·2 | 13·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·4 |
| 19 | 47·9 | 46·8 | 46·4 | 39·3 | 23·0 | 29·0 | 36·5 | 32·0 | 34 | 17 | — | 10·2 | 8·1 | — | 0 | 0 | 0 | N | 3 | N | 2 | N | 4 | — | 8·5 |
| 20 | 48·1 | 46·4 | 47·5 | 40·0 | 21·0 | 28·5 | 36·8 | 32·6 | 38 | 21 | 26 | 10·9 | 9·6 | 9·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·3 |
| 21 | 48·3 | 47·0 | 47·0 | 41·6 | 21·0 | 30·0 | 38·2 | 33·0 | 31 | 25 | 25 | 9·9 | 12·4 | 9·4 | 0 | 0 | 0 | N | 3 | N | 1 | N | 3 | — | 10·5 |
| 22 | 48·7 | 45·9 | 47·4 | 42·2 | 21·5 | 28·0 | 39·5 | 34·3 | 43 | 21 | 27 | 12·1 | 11·6 | 10·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·5 |
| 23 | 49·0 | 47·5 | 48·3 | 42·0 | 22·0 | 30·5 | 38·5 | 32·2 | 31 | 19 | 28 | 10·1 | 10·0 | 9·9 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 10·5 |
| 24 | 47·7 | 45·5 | 46·8 | 43·5 | 22·0 | 31·0 | 39·8 | 34·5 | 33 | 24 | 25 | 11·1 | 13·4 | 10·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·8 |
| 25 | 48·1 | 47·2 | 48·4 | 44·0 | 24·0 | 28·5 | 38·0 | 30·5 | 39 | 14 | 33 | 11·3 | 7·2 | 10·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 11·0 |
| 26 | 50·0 | 48·6 | 49·1 | 39·0 | 26·0 | 28·0 | 36·0 | 29·5 | 45 | 21 | 37 | 12·8 | 9·6 | 11·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 4 | — | 9·7 |
| 27 | 50·2 | 47·2 | 49·1 | 40·0 | 22·5 | 25·5 | 37·2 | 31·5 | 65 | 28 | 40 | 15·7 | 13·1 | 13·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·0 |
| 28 | 48·7 | 47·3 | 48·5 | 39·8 | 23·0 | 26·3 | 36·0 | 29·5 | 55 | 27 | 37 | 13·9 | 11·9 | 11·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·0 |
| 29 | 49·2 | 47·7 | 48·8 | 41·0 | 23·5 | 27·0 | 37·0 | 31·0 | 34 | 28 | 42 | 9·1 | 13·2 | 14·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 9·3 |
| 30 | 49·6 | 47·0 | 48·9 | 41·0 | 23·0 | 26·5 | 38·0 | 30·0 | 34 | 18 | 32 | 8·6 | 8·9 | 10·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 10·5 |
| 31 | 50.3 | 47·0 | 49·0 | 43·0 | 24·0 | 28·0 | 39·8 | 32·0 | 50 | 22 | 35 | 13·8 | 12·4 | 12·3 | 0 | 0 | 0 | N | 3 | N | 1 | N | 2 | — | 12·5 |
| Month | 48·20 | 46·56 | 47·13 | 41·8 | 23·8 | 27·7 | 38·4 | 32·0 | 39 | 19 | 31 | 10·7 | 9·9 | 11·0 | 0·0 | 0·0 | 0·0 | — | 2·0 | — | 1·2 | — | 2·1 | — | 9·88 |

**Remarks :—**

# DAKHLA OASIS.

$\varphi = 25° 29'$ N. $\lambda = 28° 59' 30''$ E. $h_t = 2{\cdot}0$ m.

$C_h = +11$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 51·0 | 50·2 | 50·3 | 37·5 | 26·0 | 26·5 | 33·5 | 29·0 | 53 | 31 | 34 | 13·4 | 11·9 | 10·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·3 |
| 2 | 49·7 | 47·9 | 48·4 | 38·5 | 22·5 | 25·5 | 35·8 | 28·0 | 35 | 18 | 27 | 8·5 | 8·2 | 7·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 9·0 |
| 3 | 49·7 | 47·3 | 48·7 | 39·0 | 24·0 | 29·5 | 37·0 | 30·8 | 27 | 24 | 32 | 8·3 | 11·3 | 10·4 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 9·2 |
| 4 | 50·1 | 48·7 | 49·6 | 35·5 | 24·0 | 26·5 | 35·0 | 29·5 | 37 | 20 | 29 | 9·4 | 8·5 | 9·1 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 8·5 |
| 5 | 49·6 | 48·2 | 48·9 | 35·0 | 22·5 | 26·8 | 34·3 | 29·0 | 34 | 21 | 26 | 8·9 | 8·3 | 7·9 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 8·5 |
| 6 | 48·8 | 47·8 | 47·8 | 35·0 | 23·0 | 29·5 | 34·0 | 31·5 | 37 | 32 | 32 | 11·6 | 12·8 | 11·2 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 8·5 |
| 7 | 48·8 | 47·6 | 48·1 | 36·0 | 24·0 | 27·0 | 34·7 | 30·2 | 34 | 27 | 27 | 8·9 | 10.9 | 8·7 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 8·7 |
| 8 | 49·3 | 47·4 | 48·6 | 35·0 | 24·0 | 26·5 | 34·5 | 31·0 | 40 | 21 | 29 | 10·1 | 8·5 | 9·5 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 7·7 |
| 9 | 49·6 | 47·6 | 48·5 | 35·5 | 23·5 | 25·5 | 35·0 | 30·7 | 42 | 26 | 25 | 10·0 | 10·8 | 8·4 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 8·0 |
| 10 | 50·3 | 48·5 | 48·8 | 35·0 | 23·0 | 24·8 | 33·5 | 29·0 | 46 | 24 | 34 | 10·6 | 9·1 | 10·2 | 0 | 0 | 0 | N | 4 | N | 2 | N | 1 | — | 7·0 |
| 11 | 49·6 | 47·9 | 48·9 | 35·0 | 23·0 | 25·3 | 34·5 | 31·0 | 42 | 26 | 22 | 10·1 | 10·7 | 7·4 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 7·0 |
| 12 | 49·9 | 47·7 | 49·2 | 34·5 | 23·5 | 26·5 | 34·0 | 30·5 | 39 | 27 | 25 | 9·8 | 10·5 | 8·2 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 6·8 |
| 13 | 49·5 | 47·5 | 48·7 | 35·5 | 23·0 | 27·0 | 35 0 | 30·6 | 42 | 27 | 28 | 11·1 | 11·3 | 9·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 7·5 |
| 14 | 49·7 | 47·7 | 48·5 | 36·5 | 23·0 | 28·0 | 35·5 | 33·5 | 36 | 28 | 25 | 10·0 | 11·9 | 9·6 | 0 | 0 | 0 | N | 3 | N | 2 | N | 1 | — | 8·0 |
| 15 | 49·4 | 47·3 | 47·9 | 37·5 | 23·0 | 29·5 | 37·0 | 33·0 | 24 | 24 | 23 | 7·5 | 11·3 | 8·6 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 9·0 |
| 16 | 48·9 | 46·3 | 47·2 | 37·5 | 23·0 | 27·0 | 37·0 | 32·0 | 34 | 18 | 19 | 9·1 | 8·6 | 6·8 | 0 | 0 | 0 | N | 3 | N | 1 | N | 1 | — | 8·5 |
| 17 | 48·4 | 46·4 | 48·0 | 36·0 | 23·0 | 27·0 | 35·0 | 30·0 | 33 | 15 | 25 | 8·6 | 6·6 | 8·0 | 0 | 0 | 0 | N | 3 | N | 1 | N | 2 | — | 8·5 |
| 18 | 46·7 | 45·2 | 46·0 | 35·5 | 23·0 | 26·5 | 35·5 | 29·0 | 43 | 27 | 34 | 10·9 | 11·3 | 10·2 | 0 | 0 | 0 | N | 1 | N. | 1 | N | 1 | — | 8·0 |
| 19 | 47·5 | 46·5 | 47·5 | 36·5 | 22·5 | 30·0 | 36·0 | 32·5 | 28 | 27 | 23 | 8·8 | 11·9 | 8·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 7·0 |
| 20 | 50·1 | 47·6 | 49·8 | 37·0 | 22·0 | 30·0 | 37·0 | 33·5 | 30 | 16 | 21 | 9·6 | 7·8 | 8·3 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 7·0 |
| 21 | 51·1 | 48·7 | 49·5 | 37·5 | 22·0 | 28·0 | 37·5 | 33·0 | 36 | 21 | 23 | 10·0 | 10·1 | 8·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 5 | — | 8·0 |
| 22 | 50·2 | 47·7 | 49·0 | 35·0 | 22·0 | 26·5 | 35·0 | 30·0 | 43 | 17 | 25 | 10·9 | 7·4 | 7·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 7·5 |
| 23 | 50·0 | 48·5 | 48·8 | 34·0 | 22·0 | 26·5 | 33·5 | 28·5 | 37 | 24 | 31 | 9·4 | 9·1 | 8·9 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 7·5 |
| 24 | 50·8 | 48·3 | 49·9 | 36·0 | 23·0 | 25·0 | 36·0 | 28·5 | 40 | 16 | 31 | 9·5 | 7·2 | 8·9 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 7·5 |
| 25 | 51·2 | 49·8 | 50·6 | 36·0 | 24·0 | 27·0 | 35·0 | 29·0 | 46 | 30 | 35 | 12·2 | 12·6 | 10·5 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 8·0 |
| 26 | 50·1 | 48·8 | 49·2 | 35·5 | 23·0 | 25·0 | 33·5 | 28·5 | 40 | 17 | 27 | 9·5 | 6·7 | 7·8 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 8·0 |
| 27 | 50·1 | 49·1 | 50·4 | 33·5 | 23·0 | 27·5 | 33·5 | 28·5 | 33 | 26 | 33 | 8·8 | 9·9 | 9·7 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 7·0 |
| 28 | 51·8 | 50·1 | 50·9 | 33·5 | 21·0 | 22·0 | 33·5 | 28·0 | 50 | 28 | 39 | 9·9 | 10·8 | 10·8 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 6·3 |
| 29 | 51·7 | 49·8 | 50·8 | 35·5 | 22·0 | 23·0 | 35·5 | 29·5 | 44 | 31 | 27 | 9·2 | 13·2 | 8·3 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 7·7 |
| 30 | 51·0 | 48·8 | 49·7 | 33·0 | 22·5 | 24·5 | 33·0 | 28·0 | 30 | 37 | 39 | 6·9 | 13·8 | 10·8 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 6·8 |
| Month | 49·82 | 48·03 | 48·94 | 35·8 | 23·0 | 26·7 | 35·0 | 30·2 | 38 | 24 | 28 | 9·7 | 10·1 | 9·0 | 0·0 | 0·0 | 0·0 | — | 2·5 | — | 2·0 | — | 2·3 | — | 7·83 |

**Remarks:—**

$C_h = +11$ mm.

## October 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 51·3 | 50·3 | 50·8 | 31·0 | 24·0 | 25·5 | 30·5 | 29·0 | 55 | 34 | 34 | 13·2 | 10·9 | 10·2 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 6·3 |
| 2 | 52·1 | 50·4 | 50·9 | 31·5 | 23·0 | 24·5 | 31·5 | 28·0 | 57 | 35 | 35 | 13·0 | 12·0 | 9·7 | 0 | 0 | 0 | N | 3 | N | 1 | N | 2 | — | 6·0 |
| 3 | 52·0 | 50·9 | 51·3 | 33·0 | 24·5 | 26·3 | 33·0 | 30·0 | 32 | 32 | 25 | 8·0 | 12·0 | 7·7 | 0 | 0 | 0 | N | 3 | N | 2 | N | 2 | — | 6·0 |
| 4 | 52·7 | 50·4 | 51·9 | 32·5 | 22·0 | 23·5 | 32·5 | 27·0 | 56 | 24 | 33 | 12·0 | 8·9 | 8·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 6·5 |
| 5 | 51·6 | 49·4 | 49·7 | 31·0 | 23·0 | 23·0 | 31·0 | 26·3 | 52 | 29 | 35 | 10·8 | 9·8 | 8·7 | 3 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 6·0 |
| 6 | 50·0 | 49·1 | 49·2 | 31·0 | 21·0 | 21·5 | 29·5 | 26·0 | 46 | 35 | 30 | 8·7 | 10·7 | 7·4 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 6·0 |
| 7 | 49·5 | 48·5 | 48·8 | 31·5 | 20·0 | — | 30·5 | 25·0 | — | 36 | 37 | — | 11·8 | 8·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 6·5 |
| 8 | 50·0 | 48·8 | 49·0 | 32·0 | — | 24·5 | 31·5 | 27·5 | 36 | 35 | 33 | 8·3 | 12·0 | 8·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 6·5 |
| 9 | 50·1 | 48·7 | 49·5 | 33·5 | 21·5 | 22·5 | 32·0 | 27·0 | 49 | 30 | 34 | 9·9 | 10·9 | 9·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 7·5 |
| 10 | 49·6 | 48·1 | 49·1 | 33·5 | 22·5 | 24·5 | 33·5 | 29·0 | 43 | 33 | 33 | 9·8 | 12·6 | 9·9 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 8·0 |
| 11 | 50·9 | 48·8 | 50·0 | 33·5 | 22·5 | 24·0 | 33·0 | 27·0 | 35 | 30 | 34 | 7·9 | 11·1 | 9·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 7·0 |
| 12 | 50·7 | 48·8 | 50·0 | 31·5 | 21·0 | 22·0 | 31·5 | 26·5 | 43 | 32 | 33 | 8·4 | 11·2 | 8·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 6·5 |
| 13 | 50·6 | 49·3 | 49·9 | 32·5 | 21·0 | 23·0 | 32·0 | 27·5 | 36 | 21 | 25 | 7·5 | 7·6 | 6·9 | 0 | 0 | 4 | N | 2 | N | 1 | N | 2 | — | 7·0 |
| 14 | 51·4 | 49·9 | 50·7 | 31·0 | 21·5 | 22·0 | 30·5 | 26·0 | 54 | 26 | 38 | 10·5 | 8·5 | 9·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 6·5 |
| 15 | 51·5 | 50·2 | 50·6 | 32·5 | 21·0 | 23·0 | 29·0 | 27·0 | 46 | 34 | 31 | 9·6 | 10·2 | 8·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 5·8 |
| 16 | 53·4 | 50·4 | 50·7 | 32·0 | 20·5 | 21·5 | 31·5 | 28·5 | 51 | 34 | 33 | 9·6 | 11·7 | 9·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 5·5 |
| 17 | 52·0 | 50·0 | 50.2 | 33·0 | 20·5 | 23·0 | 32·0 | 28·0 | 41 | 28 | 36 | 8·6 | 10·0 | 10·0 | 0 | 0 | 3 | N | 2 | N | 1 | N | 2 | — | 5·5 |
| 18 | 51·2 | 49·5 | 50·2 | 33·5 | 21·0 | — | 33·5 | 26·5 | — | 24 | 39 | — | 9·1 | 9·8 | 0 | 0 | 8 | N | 2 | N | 1 | N | 2 | — | 6·0 |
| 19 | 51·9 | 50·6 | 51·3 | 32·5 | — | 24·0 | 31·3 | 27·5 | 34 | 26 | 33 | 7·6 | 8·8 | 8·8 | 5 | 3 | 8 | N | 2 | N | 1 | N | 2 | — | 5·5 |
| 20 | 52·2 | 50·5 | 51·3 | 32·5 | 21·5 | 22·5 | 30·0 | 25·8 | 39 | 30 | 34 | 7·8 | 9·6 | 8·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 5·8 |
| 21 | 52.0 | 50·0 | 51·4 | 30·0 | 20·0 | 20·5 | 28·5 | 24·5 | 48 | 31 | 36 | 8·6 | 8·9 | 8·3 | 3 | 3 | 8 | N | 2 | N | 1 | N | 2 | — | 5·2 |
| 22 | 52·7 | 51·1 | 52·0 | 28·5 | 19·0 | 21·5 | 28·0 | 25·8 | 42 | 37 | 34 | 8.0 | 10·5 | 8·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 5·0 |
| 23 | 52·9 | 51·5 | 51·8 | 27·5 | 19·0 | 21·0 | 27·0 | 25·0 | 41 | 39 | 31 | 7·6 | 10·3 | 7·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·9 |
| 24 | 53·2 | 52·0 | 52·5 | 27·0 | 18·5 | 20·0 | 26·0 | 23·0 | 50 | 41 | 28 | 8·7 | 10·2 | 5·8 | 5 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·8 |
| 25 | 53·1 | 51·9 | 53·0 | 27·0 | 18·5 | 20·0 | 27·0 | 23·8 | 47 | 40 | 30 | 8·3 | 10·6 | 6·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 4 | — | 4·3 |
| 26 | 58·9 | 52·4 | 53·6 | 26·5 | 17·5 | 19·0 | 26·5 | 21·2 | 54 | 37 | 52 | 8·9 | 9·4 | 9·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·0 |
| 27 | 52·8 | 51·3 | 52·1 | 26·0 | 17·0 | 18·0 | 25·8 | 21·0 | 57 | 40 | 49 | 8·8 | 9·8 | 9·0 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 4·0 |
| 28 | 53·0 | 51·7 | 52·5 | 26·0 | 16·5 | 17·5 | 26·0 | 22·0 | 61 | 36 | 38 | 9·1 | 8·9 | 7·5 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·0 |
| 29 | 52·9 | 51·0 | 52·1 | 25·2 | 16·0 | 17·0 | 25·2 | 23·8 | 54 | 38 | 27 | 7·7 | 9·1 | 5·9 | 0 | 8 | 0 | N | 2 | N | 1 | N | 2 | — | 4·0 |
| 30 | 53·1 | 51·5 | 52·2 | 26·5 | 16·0 | 17·5 | 25·5 | 22·5 | 57 | 42 | 43 | 8·4 | 10·0 | 8·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·3 |
| 31 | 53·0 | 51·4 | 52·2 | 27·5 | 16·0 | 20·0 | 27·0 | 23·0 | 47 | 34 | 39 | 8·3 | 9·1 | 8·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 5·0 |
| Month | 51·85 | 50·29 | 50·98 | 30·4 | 20·2 | 21·8 | 29·8 | 25·8 | 47 | 33 | 35 | 9·1 | 10·2 | 8·5 | 0·5 | 0·5 | 1·0 | — | 2·2 | — | 1·2 | — | 2·2 | — | 5·67 |

**Remarks:—**

# DAKHLA OASIS.

$\varphi = 25° 29'$ N. $\lambda = 28° 59' 30''$ E. $h_t = 2{\cdot}0$ m.

$C_h = +11$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 53·1 | 51·3 | 52·5 | 26·0 | 16·0 | 18·2 | 26·0 | 21·5 | 54 | 33 | 39 | 8·4 | 8·2 | 7·3 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 4·5 |
| 2 | 53·1 | 51·0 | 52·5 | 26·0 | 16·0 | 18·0 | 26·0 | 20·2 | 53 | 29 | 42 | 8·1 | 7·2 | 7·5 | 2 | 4 | 8 | N | 2 | N | 1 | N | 2 | — | 4·5 |
| 3 | 53·8 | 52·2 | 53·3 | 25·5 | 15·5 | 18·0 | 25·0 | 19·0 | 49 | 33 | 46 | 7·5 | 7·8 | 7·5 | 0 | 0 | 0 | N | 3 | N | 4 | N | 5 | — | 4·0 |
| 4 | 53·4 | 51·9 | 53·0 | 24·5 | 16·0 | 18·0 | 24·5 | 19·0 | 57 | 33 | 54 | 8·8 | 7·6 | 8·9 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 4·0 |
| 5 | 53·4 | 52·2 | 52·9 | 25·0 | 16·0 | 17·5 | 24·5 | 18·0 | 52 | 31 | 53 | 7·8 | 7·2 | 8·1 | 6 | 6 | 6 | N | 2 | N | 1 | N | 2 | — | 4·2 |
| 6 | 54·1 | 52.7 | 53·5 | 24·0 | 16·0 | 16·0 | 23·5 | 17·8 | 59 | 35 | 55 | 8·0 | 7·5 | 8·2 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 4·0 |
| 7 | 53·7 | 52·5 | 53·9 | 25·0 | 16·0 | 17·0 | 25·0 | 17·0 | 54 | 28 | 61 | 7·7 | 6·6 | 8·7 | 4 | 2 | 6 | N | 3 | N | 3 | N | 3 | — | 4·0 |
| 8 | 53·9 | 52·3 | 52·8 | 26·2 | 16·5 | 18·3 | 26·0 | 19·0 | 55 | 32 | 50 | 8·6 | 7·8 | 8·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·5 |
| 9 | 54·9 | 54·0 | 54·5 | 26·5 | 17·5 | 22·0 | 24·5 | 20·5 | 39 | 38 | 51 | 7·7 | 8·6 | 9·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 4·5 |
| 10 | 53·5 | 52·3 | 53·1 | 25·5 | 16·5 | 19·0 | 24·0 | 20·0 | 58 | 42 | 55 | 9·6 | 9·4 | 9·6 | 0 | 0 | 5 | N | 2 | N | 1 | N | 2 | — | 4·0 |
| 11 | 55·0 | 53·5 | 54·6 | 25·0 | 16·0 | 19·3 | 24·5 | 19·5 | 49 | 36 | 51 | 8·0 | 8·3 | 8·6 | 2 | 2 | 2 | N | 4 | N | 4 | N | 4 | — | 4·0 |
| 12 | 55·9 | 53·4 | 54·5 | 25·0 | 15·5 | 17·5 | 24·0 | 18·0 | 57 | 39 | 62 | 8·4 | 8·7 | 9·5 | 0 | 0 | 0 | N | 4 | N | 1 | N | 2 | — | 3·8 |
| 13 | 55·9 | 54·4 | 55·2 | 24·5 | 16·0 | 17·0 | 23·3 | 17·5 | 56 | 41 | 57 | 8·1 | 8·8 | 8·4 | 10 | 5 | 5 | N | 4 | N | 1 | N | 4 | — | 3·8 |
| 14 | 53·8 | 51·8 | 53·0 | 24·5 | 15·0 | 17·0 | 23·5 | 17·0 | 56 | 35 | 61 | 8·1 | 7·5 | 8·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·8 |
| 15 | 53·7 | 51·9 | 53·3 | 24·0 | 15·0 | 16·0 | 24·0 | 17·2 | 50 | 33 | 55 | 6·8 | 7·2 | 8·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·7 |
| 16 | 54·1 | 52·8 | 53·2 | 23·5 | 15·5 | 16·0 | 23·0 | 17·0 | 55 | 34 | 56 | 7·4 | 7·1 | 8·1 | 4 | 0 | 0 | N | 1 | N | 2 | N | 2 | — | 3·3 |
| 17 | 54·4 | 52·9 | 54·6 | 23·5 | 14·5 | 14·5 | 23·0 | 15·5 | 57 | 44 | 63 | 7·1 | 9·2 | 8·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·0 |
| 18 | 54·0 | 52·7 | 53·9 | 23·8 | 14·5 | 15·0 | 23·0 | 15·0 | 63 | 46 | 78 | 8·0 | 9.6 | 9·9 | 10 | 6 | 8 | N | 2 | N | 2 | N | 2 | — | 3·0 |
| 19 | 54·3 | 53·5 | 54·4 | 22·5 | 14·0 | 15·3 | 22·0 | 15·5 | 51 | 44 | 59 | 6·6 | 8·7 | 7·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 3·0 |
| 20 | 54·5 | 53·3 | 54·3 | 23·0 | 14·0 | 16·0 | 22·3 | 16·0 | 45 | 45 | 55 | 6·1 | 9·0 | 7·4 | 5 | 5 | 8 | N | 2 | N | 2 | N | 2 | — | 3·0 |
| 21 | 55·9 | 54·1 | 55·0 | 22·0 | 13·0 | 14·0 | 21·0 | 15·0 | 52 | 45 | 58 | 6·1 | 8·3 | 7·4 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 2·8 |
| 22 | 54·7 | 52·5 | 54·2 | 22·0 | 13·0 | 13·5 | 22·0 | 15·0 | 66 | 43 | 58 | 7·6 | 8·4 | 7·4 | 0 | 0 | 4 | N | 3 | N | 1 | N | 2 | — | 2·8 |
| 23 | 55·0 | 53·5 | 55·1 | 21·5 | 12·5 | 14·2 | 21·0 | 15·0 | 50 | 45 | 49 | 6·0 | 8·3 | 6·1 | 2 | 2 | 6 | N | 3 | N | 3 | N | 3 | — | 2·6 |
| 24 | 55·4 | 54·0 | 55·2 | 21·5 | 12·5 | 13.0 | 21·0 | 14·2 | 61 | 41 | 55 | 6 7 | 7·6 | 6·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 2·5 |
| 25 | 55·9 | 54·2 | 55·5 | 21·0 | 12·5 | 13·0 | 20·5 | 14·0 | 55 | 41 | 52 | 6·2 | 7·3 | 6·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·5 |
| 26 | 55·0 | 53·0 | 54·5 | 21·5 | 12·5 | 14·0 | 21·0 | 16·5 | 57 | 35 | 51 | 6·7 | 6·6 | 7·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·7 |
| 27 | 54·7 | 53·0 | 54·7 | 22·0 | 12·5 | 13·0 | 21·5 | 14·8 | 64 | 42 | 51 | 7·1 | 8·0 | 6·3 | 8 | 6 | 8 | N | 4 | N | 3 | N | 4 | — | 2·7 |
| 28 | 53·1 | 50·3 | 53·3 | 22·0 | 12·5 | 14·0 | 20·5 | 15·0 | 62 | 48 | 58 | 7·4 | 8·6 | 7·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·8 |
| 29 | 54·5 | 52·9 | 54·2 | 22·5 | 12·0 | 13·0 | 22·3 | 14·5 | 68 | 42 | 57 | 7·6 | 8·2 | 7·1 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·8 |
| 30 | 52·2 | 49·9 | 50·7 | 22·5 | 11·5 | 15·0 | 22·8 | 16·0 | 53 | 47 | 55 | 6·8 | 9·3 | 7·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·0 |
| Month | 54·30 | 52·67 | 53·85 | 23·7 | 14·6 | 16·1 | 23·1 | 17·0 | 55 | 39 | 55 | 7·5 | 8·1 | 7·9 | 1·8 | 1·3 | 2·2 | — | 2·6 | — | 1·9 | — | 2·6 | — | 3·46 |

**Remarks :—**

$C_h = +12$ mm.

## December 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55·2 | 54·4 | 55·1 | 23·5 | 12·5 | 15·0 | 22·5 | 15·8 | 51 | 34 | 52 | 6·5 | 6·7 | 6·9 | 10 | 10 | 10 | N | 3 | N | 3 | N | 3 | — | 2·8 |
| 2 | 53·6 | 54·5 | 53·8 | 22·5 | 11·0 | 16·0 | 21·3 | 16·0 | 45 | 55 | 50 | 6·1 | 10·3 | 6·8 | 8 | 8 | 8 | N | 3 | N | 3 | N | 3 | — | 2·7 |
| 3 | 55·5 | 53·8 | 55·6 | 22·5 | 10·5 | 14·8 | 20·8 | 15·0 | 49 | 31 | 51 | 6·0 | 5·8 | 6·5 | 10 | 10 | 10 | N | 2 | N | 1 | N | 2 | — | 2·5 |
| 4 | 56·7 | 55·2 | 56·2 | 23·0 | 9·0 | 11·8 | 22·0 | 15·0 | 73 | 32 | 53 | 7·5 | 6·4 | 6·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·5 |
| 5 | 57·7 | 55·5 | 56·3 | 22·0 | 8·0 | 12·0 | 20·8 | 14·5 | 63 | 39 | 48 | 6·5 | 7·1 | 5·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·7 |
| 6 | 54·1 | 52·1 | 52·5 | 22·5 | 7·5 | 10·3 | 22·0 | 14·5 | 71 | 36 | 62 | 6·6 | 7·0 | 7·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·8 |
| 7 | 53·5 | 52·3 | 52·8 | 21·0 | 7·0 | 12·5 | 20·0 | 14·0 | 49 | 40 | 52 | 5·3 | 6·9 | 6·1 | 3 | 5 | 8 | N | 2 | N | 1 | N | 2 | — | 2·5 |
| 8 | 52·9 | 52·0 | 52·9 | 21·0 | 6·5 | 11·0 | 21·0 | 14·3 | 58 | 38 | 70 | 5·6 | 7·1 | 8·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·7 |
| 9 | 53·2 | 51·6 | 52·9 | 21·5 | 6·0 | 11·5 | 21·5 | 13·0 | 45 | 18 | 53 | 4·5 | 3·4 | 5·9 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·3 |
| 10 | 53·5 | 51·8 | 53·9 | 22·0 | 5·0 | 10·5 | 22·0 | 12·3 | 45 | 19 | 40 | 4·3 | 3·8 | 4·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·5 |
| 11 | 52·3 | 50·5 | 52·7 | 21·0 | 5·0 | 12·0 | 20·0 | 12·5 | 65 | 43 | 65 | 6·8 | 7·6 | 7·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·2 |
| 12 | 54·1 | 52·9 | 53·7 | 20·5 | 4·8 | 11·5 | 20·0 | 13·0 | 56 | 34 | 50 | 5·7 | 6·0 | 5·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 2·5 |
| 13 | 57·2 | 54·8 | 56·1 | 19·5 | 4·5 | 12·0 | 18·5 | 13·5 | 40 | 37 | 36 | 4·2 | 5·9 | 4·1 | 10 | 10 | 10 | N | 2 | N | 2 | N | 2 | — | 2·3 |
| 14 | 56·5 | 55·3 | 57·0 | 19·5 | 4·5 | 12·0 | 18·8 | 11·9 | 38 | 26 | 46 | 3·9 | 4·2 | 4·8 | 10 | 5 | 10 | N | 3 | N | 3 | N | 3 | — | 2·3 |
| 15 | 55·3 | 53·8 | 55·7 | 19·5 | 3·5 | 11·5 | 18·5 | 11·0 | 39 | 32 | 52 | 4·0 | 5·0 | 5·1 | 2 | 2 | 4 | N | 2 | N | 1 | N | 2 | — | 2·2 |
| 16 | 56·8 | 55·9 | 56·9 | 19·5 | 4·0 | 12·5 | 19·0 | 14·0 | 83 | 46 | 59 | 8·9 | 7·5 | 7·0 | 3 | 3 | 5 | N | 2 | N | 1 | N | 2 | — | 2·3 |
| 17 | 57·1 | 56·1 | 57·3 | 20·3 | 4·0 | 13·0 | 19·5 | 14·0 | 81 | 51 | 84 | 9·0 | 8·6 | 9·9 | 0 | 0 | 0 | N | 3 | N | 1 | N | 2 | — | 2·6 |
| 18 | 57·6 | 56·6 | 57·7 | 21·0 | 4·5 | 11·8 | 19·0 | 12·8 | 97 | 52 | 80 | 10·0 | 8·6 | 8·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·5 |
| 19 | 58·0 | 56·9 | 56·9 | 21·5 | 4·5 | 12·3 | 19·5 | 13·0 | 79 | 47 | 77 | 8·4 | 7·9 | 8·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·5 |
| 20 | 58·4 | 57·0 | 57·8 | 21·5 | 4·0 | 13·8 | 20·0 | 14·0 | 49 | 32 | 57 | 5·7 | 5·6 | 6·7 | 8 | 5 | 8 | N | 2 | N | 1 | N | 2 | — | 2·8 |
| 21 | 59·2 | 57·1 | 58·7 | 21·0 | 4·5 | 12·0 | 20·8 | 12·0 | 71 | 27 | 76 | 7·4 | 4·9 | 8·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·0 |
| 22 | 58·4 | 57·0 | 58·3 | 21·5 | 5·0 | 12·5 | 20·5 | 13·0 | 69 | 33 | 69 | 7·4 | 6·0 | 7·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 3·3 |
| 23 | 59·4 | 58·0 | 59·1 | 21·5 | 5·5 | 11·5 | 19·0 | 12·0 | 80 | 38 | 76 | 8·0 | 6·2 | 8·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·4 |
| 24 | 59·9 | 58·9 | 59·3 | 21·6 | 5·5 | 11·8 | 20·0 | 12·3 | 73 | 32 | 62 | 7·5 | 5·6 | 6·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·6 |
| 25 | 59·7 | 58·1 | 59·5 | 22·0 | 5·5 | 13·0 | 21·3 | 14·0 | 72 | 42 | 67 | 8·0 | 7·9 | 8·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·0 |
| 26 | 59·9 | 58·1 | 59·7 | 21·0 | 6·0 | 13·0 | 19·0 | 14·0 | 66 | 52 | 62 | 7·3 | 8·6 | 7·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·0 |
| 27 | 57·8 | 55·9 | 56·9 | 21·0 | 5·5 | 12·5 | 20·5 | 12·8 | 65 | 37 | 68 | 7·0 | 6·6 | 7·5 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·2 |
| 28 | 57·4 | 56·1 | 57·1 | 20·5 | 5·5 | 12·0 | 19·5 | 12·3 | 76 | 45 | 86 | 8·0 | 7·6 | 9·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·0 |
| 29 | 54·4 | 52·0 | 53·3 | 22·5 | 5·2 | 15·0 | 21·5 | 14·0 | 49 | 35 | 57 | 6·1 | 6·7 | 6·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 3·3 |
| 30 | 55·0 | 53·4 | 54·6 | 20·5 | 5·0 | 11·8 | 20·5 | 12·8 | 78 | 52 | 86 | 8·1 | 9·3 | 9·3 | 10 | 10 | 8 | N | 2 | N | 1 | N | 2 | — | 3·0 |
| 31 | 56·3 | 53·9 | 56·1 | 20·5 | 5·0 | 11·0 | 20·5 | 12·2 | 75 | 37 | 74 | 7·4 | 6·6 | 7·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 2·8 |
| Month | 56·34 | 54·89 | 56·01 | 21·3 | 6·0 | 12·4 | 20·3 | 13·4 | 63 | 38 | 62 | 6·7 | 6·7 | 7·1 | 2·4 | 2·2 | 2·6 | — | 2.2 | — | 1·4 | — | 2·2 | — | 2·70 |

**Remarks :—3 ● 17h.**

# ASWAN.

$\varphi = 24° 2' 25''$ N. $\lambda = 32° 52' 40''$ E. H = 99·6 m. $h_t = 1·3$ m.

$C_h = +9$ mm.

## January 1913.

| Date | Standards Presure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 58·2 | 55·6 | 56·5 | 22·2 | 8·0 | 10·5 | 20·0 | 15·2 | 59 | 35 | 24 | 5·6 | 6·1 | 3·1 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 5·2 |
| 2 | 56·8 | 54·5 | 55·7 | 20·2 | 9·4 | 11·4 | 18·0 | 14·2 | 52 | 46 | 39 | 5·3 | 7·1 | 4·7 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 5·0 |
| 3 | 57·9 | 54·5 | 56·6 | 22·0 | 6·5 | 9·2 | 21·0 | 16·0 | 51 | 9 | 10 | 4·4 | 1·7 | 1·3 | 0 | 0 | 0 | N | 3 | NE | 4 | N | 3 | — | 6·0 |
| 4 | 57·2 | 54·7 | 55·6 | 23·4 | 7·4 | 9·5 | 20·4 | 15·2 | 57 | 30 | 20 | 5·1 | 5·4 | 2·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 5·4 |
| 5 | 56·7 | 53·5 | 54·6 | 24·5 | 9·2 | 12·2 | 22·2 | 15·4 | 54 | 24 | 27 | 5·7 | 4·8 | 3·6 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 6·4 |
| 6 | 54·9 | 51·1 | 52·4 | 28·0 | 11·0 | 14·2 | 22·4 | 15·0 | 39 | 22 | 41 | 4·7 | 4·4 | 5·2 | 6 | 6 | 6 | N | 3 | SE | 3 | N | 3 | — | 6·0 |
| 7 | 55·8 | 52·6 | 53·9 | 27·2 | 12·4 | 15·4 | 21·4 | 16·2 | 47 | 28 | 43 | 6·1 | 5·4 | 5·9 | 6 | 4 | 6 | NE | 3 | N | 3 | NW | 3 | — | 6·4 |
| 8 | 55·4 | 53·3 | 54·4 | 20·2 | 10·2 | 13·2 | 18·2 | 14·0 | 47 | 30 | 32 | 5·4 | 4·7 | 3·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 8·2 |
| 9 | 56·8 | 54·3 | 56·3 | 19·4 | 7·4 | 10·2 | 18·0 | 13·6 | 50 | 30 | 30 | 4·7 | 4·6 | 3·5 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 5·2 |
| 10 | 58·0 | 55·7 | 56·6 | 23·4 | 8·0 | 10·4 | 20·0 | 15·2 | 48 | 19 | 20 | 4·6 | 3·4 | 2·6 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 5·0 |
| 11 | 53·7 | 52·1 | 52·8 | 27·2 | 9·4 | 12·2 | 24·2 | 16·6 | 45 | 14 | 22 | 4·8 | 3·1 | 3·1 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 4·0 |
| 12 | 53·8 | 52·3 | 53·6 | 22·0 | 10·4 | 12·4 | 20·2 | 15·4 | 52 | 34 | 27 | 5·6 | 6·0 | 3·6 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 6·2 |
| 13 | 54·8 | 52·3 | 53·8 | 21·2 | 10·2 | 14·2 | 18·2 | 15·0 | 49 | 48 | 41 | 5·9 | 7·3 | 5·2 | 6 | 6 | 4 | N | 3 | N | 3 | NW | 3 | — | 5·2 |
| 14 | 56·6 | 54·3 | 55·4 | 22·2 | 9·4 | 11·5 | 20·2 | 15·2 | 60 | 34 | 29 | 6·1 | 6·0 | 3·7 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 5·5 |
| 15 | 55·0 | 52·8 | 53·7 | 23·0 | 8·0 | 10·2 | 21·2 | 16·0 | 53 | 15 | 17 | 4·9 | 2·9 | 2·3 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 4·2 |
| 16 | 54·8 | 53·4 | 54·3 | 21·2 | 9·2 | 12·4 | 20·2 | 15·2 | 42 | 27 | 29 | 4·5 | 4·7 | 3·7 | 6 | 4 | 6 | NW | 3 | N | 3 | N | 3 | — | 5·2 |
| 17 | 55·8 | 54·9 | 55·3 | 23·2 | 7·4 | 11·4 | 22·0 | 16·2 | 39 | 22 | 14 | 4·0 | 4·4 | 2·0 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 6·4 |
| 18 | 58·5 | 56·4 | 57·5 | 20·0 | 9·4 | 11·4 | 18·2 | 14·4 | 50 | 38 | 25 | 5·1 | 6·0 | 3·0 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 7·0 |
| 19 | 60·1 | 56·6 | 57·2 | 22·5 | 8·4 | 10·4 | 21·2 | 16·0 | 60 | 26 | 19 | 5·7 | 4·9 | 2·5 | 4 | 6 | 4 | N | 3 | N | 3 | N | 3 | — | 6·2 |
| 20 | 58·7 | 55·6 | 56·5 | 23·0 | 9·2 | 11·2 | 21·4 | 16·5 | 54 | 26 | 14 | 5·4 | 5·0 | 2·0 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 3 | — | 8·0 |
| 21 | 56·7 | 54·2 | 54·7 | 24·5 | 9·2 | 11·2 | 22·4 | 16·6 | 52 | 22 | 23 | 5·2 | 4·4 | 3·3 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 6·4 |
| 22 | 55·8 | 53·8 | 54·4 | 25·5 | 10·2 | 12·4 | 22·4 | 17·2 | 54 | 28 | 18 | 5·8 | 5·7 | 2·7 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 5·0 |
| 23 | 54·7 | 53·2 | 53·9 | 24·4 | 10·4 | 12·2 | 20·4 | 16·0 | 67 | 47 | 34 | 7·1 | 8·3 | 4·6 | 0 | 0 | 0 | N | 3 | NE | 3 | N | 3 | — | 6·0 |
| 24 | 55·7 | 53·6 | 54·5 | 24·2 | 10·2 | 12·2 | 21·2 | 16·2 | 65 | 40 | 35 | 6·9 | 7·5 | 4·7 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 6·4 |
| 25 | 58·4 | 56·5 | 57·2 | 22·0 | 8·4 | 10·2 | 20·2 | 15·4 | 53 | 27 | 12 | 4·9 | 4·7 | 1·5 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 7·4 |
| 26 | 56·8 | 54·1 | 55·4 | 22·0 | 9·2 | 12·2 | 20·0 | 15·2 | 45 | 34 | 24 | 4·8 | 5·9 | 3·0 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 2 | — | 6·2 |
| 27 | 56·5 | 54·4 | 55·7 | 23·5 | 7·4 | 10·2 | 21·2 | 15·4 | 53 | 15 | 12 | 4·9 | 2·9 | 1·5 | 6 | 6 | 6 | N | 3 | NW | 3 | N | 3 | — | 6·0 |
| 28 | 55·1 | 52·8 | 53·5 | 22·0 | 7·4 | 9·4 | 20·0 | 15·2 | 46 | 19 | 12 | 4·1 | 3·4 | 1·5 | 0 | 0 | 0 | N | 3 | NNW | 3 | NW | 3 | — | 6·4 |
| 29 | 58·6 | 55·6 | 56·5 | 22·4 | 7·2 | 9·2 | 20·2 | 16·0 | 51 | 18 | 6 | 4·4 | 3·2 | 0·9 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 7·4 |
| 30 | 55·8 | 53·8 | 54·7 | 21·4 | 8·4 | 10·2 | 19·4 | 15·0 | 53 | 30 | 23 | 4·9 | 5·0 | 2·9 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 5·2 |
| 31 | 54·6 | 52·7 | 53·5 | 22.0 | 7·4 | 10·2 | 20·4 | 15·6 | 50 | 23 | 21 | 4·7 | 4·1 | 2·8 | 0 | 0 | 0 | NE | 2 | NE | 3 | N | 3 | — | 7·0 |
| Month | 56·39 | 54·04 | 55·06 | 22·9 | 8·9 | 11·4 | 20·5 | 15·5 | 52 | 28 | 24 | 5·2 | 4·9 | 3·1 | 1·1 | 1·0 | 1·0 | — | 3·0 | — | 3·0 | — | 3·0 | — | 6·00 |

**Remarks** :—6 ⊕.—7 ⊕.—13 ⊕.—16 ⊕.—19 ⊕.—27 ⊕.

$C_h = +9$ mm.

## February 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55·6 | 53·6 | 54·3 | 23·5 | 9·0 | 11·2 | 22·0 | 16·5 | 54 | 23 | 14 | 5·4 | 4·7 | 2·0 | 0 | 0 | 0 | NE | 2 | N | 3 | N | 3 | — | 6·5 |
| 2 | 56·9 | 54·3 | 55·6 | 24·2 | 10·6 | 12·4 | 22·2 | 17·0 | 63 | 23 | 34 | 6·8 | 4·5 | 4·9 | 0 | 0 | 0 | N | 4 | N | 3 | N | 3 | — | 7·0 |
| 3 | 55·6 | 53·1 | 54·0 | 22·0 | 9·4 | 12·2 | 20·4 | 15·4 | 45 | 26 | 21 | 4·8 | 4·6 | 2·7 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 5·2 |
| 4 | 54·9 | 51·6 | 52·4 | 24·2 | 9·0 | 11·4 | 22·4 | 17·2 | 50 | 22 | 11 | 5·1 | 4·4 | 1·8 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 5·6 |
| 5 | 53·7 | 51·3 | 52·6 | 22·4 | 9·4 | 11·2 | 20·4 | 15·2 | 52 | 30 | 24 | 5·2 | 5·4 | 3·0 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 4·5 |
| 6 | 54·4 | 52·6 | 53·9 | 22·5 | 8·4 | 10·2 | 21·2 | 15·2 | 53 | 22 | 20 | 4·9 | 4·1 | 2·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 7·0 |
| 7 | 57·0 | 54·1 | 54·8 | 24·0 | 9·0 | 11·2 | 22·0 | 16·0 | 54 | 23 | 26 | 5·4 | 4·7 | 3·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 6·5 |
| 8 | 55·9 | 54·1 | 54·6 | 25·0 | 9·2 | 11·2 | 22·6 | 17·2 | 54 | 23 | 18 | 5·4 | 4·7 | 2·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 5·4 |
| 9 | 54·7 | 52·3 | 52·7 | 24·2 | 10·2 | 12·4 | 22·4 | 16·2 | 52 | 23 | 22 | 5·6 | 4·7 | 3·1 | 0 | 0 | 0 | N | 3 | WNW | 3 | NW | 3 | — | 6·2 |
| 10 | 53·8 | 50·7 | 51·4 | 25·0 | 10·0 | 12·4 | 23·0 | 17·2 | 52 | 21 | 25 | 5·6 | 4·4 | 3·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 5·0 |
| 11 | 53·8 | 51·3 | 52·2 | 22·2 | 9·2 | 11·4 | 20·4 | 15·2 | 50 | 26 | 20 | 5·1 | 4·6 | 2·6 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 6·0 |
| 12 | 53·6 | 51·3 | 52·4 | 22·0 | 9·2 | 12·2 | 20·2 | 15·6 | 56 | 31 | 28 | 6·0 | 5·5 | 3·7 | 6 | 6 | 6 | N | 3 | NW | 3 | N | 3 | — | 5·2 |
| 13 | 54·8 | 52·1 | 53·3 | 23·4 | 11·4 | 14·4 | 22·5 | 17·2 | 55 | 34 | 35 | 6·7 | 6·7 | 5·1 | 6 | 6 | 6 | NE | 2 | N | 3 | NW | 3 | — | 5·6 |
| 14 | 55·5 | 53·3 | 54·1 | 21·2 | 11·5 | 14·2 | 19·5 | 15·0 | 57 | 44 | 49 | 6·9 | 7·5 | 6·1 | 6 | 6 | 4 | N | 2 | N | 3 | N | 2 | — | 5·2 |
| 15 | 53·5 | 51·9 | 53·3 | 20·4 | 10·2 | 13·4 | 18·2 | 14·5 | 54 | 47 | 43 | 6·2 | 7·2 | 5·3 | 6 | 6 | 6 | NW | 2 | NNW | 3 | NW | 3 | — | 5·0 |
| 16 | 55·4 | 53·3 | 54·2 | 20·0 | 10·2 | 12·2 | 18·0 | 14·0 | 67 | 46 | 49 | 7·1 | 7·1 | 5·8 | 6 | 6 | 6 | N | 2 | N | 2 | N | 3 | — | 5·4 |
| 17 | 54·6 | 52·8 | 54·2 | 22·0 | 8·2 | 10·2 | 20·2 | 15·0 | 65 | 24 | 25 | 6·0 | 4·2 | 3·1 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 6·2 |
| 18 | 56·6 | 54·6 | 55·3 | 18·2 | 9·4 | 11·2 | 16·4 | 12·2 | 54 | 32 | 41 | 5·4 | 4·3 | 4·4 | 6 | 6 | 4 | N | 3 | WNW | 3 | NW | 3 | — | 4·2 |
| 19 | 55·9 | 53·4 | 54·3 | 20·2 | 7·0 | 9·2 | 18·2 | 14·0 | 51 | 27 | 20 | 4·4 | 4·2 | 2·4 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 6·2 |
| 20 | 56·6 | 54·5 | 55·0 | 23·5 | 8·4 | 10·4 | 18·0 | 14·2 | 60 | 44 | 30 | 5·7 | 6·8 | 3·6 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 7·2 |
| 21 | 56·9 | 54·4 | 55·3 | 26·5 | 10·0 | 12·4 | 24·0 | 18·4 | 63 | 27 | 21 | 6·8 | 6·1 | 3·4 | 0 | 0 | 0 | NE | 2 | NW | 3 | N | 2 | — | 7·0 |
| 22 | 54·8 | 52·1 | 53·2 | 30·0 | 10·4 | 12·2 | 25·2 | 19·0 | 54 | 13 | 17 | 5·7 | 3·0 | 2·8 | 0 | 0 | 0 | NE | 3 | N | 3 | NW | 3 | — | 6·2 |
| 23 | 52·5 | 49·9 | 50·3 | 30·2 | 12·0 | 14·2 | 25·2 | 20·0 | 57 | 27 | 21 | 6·9 | 6·5 | 3·6 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 6·4 |
| 24 | 50·2 | 49·3 | 50·0 | 28·4 | 12·6 | 15·4 | 26·2 | 21·2 | 49 | 20 | 14 | 6·4 | 5·0 | 2·6 | 0 | 0 | 0 | SW | 2 | N | 4 | NW | 3 | — | 8·2 |
| 25 | 54·4 | 53·0 | 53·8 | 25·0 | 12·2 | 14·2 | 23·6 | 18·2 | 59 | 18 | 29 | 7·1 | 3·9 | 4·5 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 3 | — | 7·0 |
| 26 | 55·6 | 53·3 | 54·4 | 24·4 | 10·2 | 13·4 | 21·2 | 18·0 | 46 | 26 | 22 | 5·2 | 4·9 | 3·4 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 7·0 |
| 27 | 54·5 | 52·5 | 53·4 | 24·2 | 9·2 | 11·4 | 22·2 | 18·4 | 61 | 24 | 11 | 6·2 | 4·8 | 1·8 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 5·4 |
| 28 | 54·5 | 52·5 | 53·5 | 25·0 | 10·4 | 13·5 | 22·5 | 18·0 | 53 | 23 | 20 | 6·1 | 4·6 | 3·1 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 4·2 |
| Month | 54·86 | 52·61 | 53·52 | 23·7 | 9·8 | 12·2 | 21·4 | 16·5 | 55 | 28 | 25 | 5·9 | 5·1 | 3·5 | 1·3 | 1·3 | 1·1 | — | 2·8 | — | 3·0 | — | 2·9 | — | 5·95 |

**Remarks** :—12 ⊕.—13 ⊕.—14 ⊕.—15 ⊕.—16 ⊕.—18 ⊕.

# ASWAN.

$\varphi = 24° 2' 25''$ N. $\lambda = 32° 52' 40''$ E. H = 99·6 m. $h_t = 1·3$ m.

$C_h = +9$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 54·7 | 52·3 | 53·3 | 28·2 | 10·2 | 13·2 | 25·2 | 19·5 | 45 | 13 | 14 | 5·1 | 3·1 | 2·2 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 4 | — | 6·2 |
| 2 | 52·3 | 50·1 | 51·1 | 33·0 | 12·0 | 15·2 | 28·2 | 21·0 | 40 | 11 | 15 | 5·1 | 3·3 | 2·8 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 7·2 |
| 3 | 50·2 | 49·3 | 50·0 | 28·6 | 14·2 | 18·2 | 25·2 | 18·5 | 38 | 24 | 35 | 6·0 | 5·7 | 5·5 | 4 | 6 | 4 | E | 2 | NE | 3 | N | 3 | — | 8·4 |
| 4 | 54·2 | 52·2 | 53·2 | 22·2 | 12·0 | 14·4 | 20·2 | 17·4 | 46 | 35 | 24 | 5·6 | 6·1 | 3·5 | 4 | 4 | 6 | N | 6 | NW | 6 | N | 5 | — | 8·0 |
| 5 | 55·9 | 54·9 | 55·6 | 19·2 | 7·4 | 10·2 | 15·2 | 12·4 | 41 | 41 | 21 | 3·8 | 5·3 | 2·3 | 0 | 0 | 0 | NW | 4 | NW | 3 | N | 4 | — | 5·2 |
| 6 | 57·6 | 55·3 | 56·6 | 18·2 | 7·0 | 9·4 | 16·4 | 12·5 | 46 | 38 | 28 | 4·1 | 5·3 | 3·1 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 7·0 |
| 7 | 57·5 | 54·8 | 55·5 | 22·2 | 6·0 | 8·2 | 19·4 | 14·2 | 50 | 21 | 11 | 4·0 | 3·5 | 1·2 | 0 | 0 | 0 | N | 6 | N | 4 | N | 4 | — | 6·4 |
| 8 | 57·4 | 54·5 | 55·4 | 24·2 | 8·2 | 11·4 | 22·0 | 17·2 | 50 | 25 | 9 | 5·1 | 5·0 | 1·4 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 4 | — | 6·2 |
| 9 | 55·8 | 53·3 | 54·3 | 23·2 | 10·0 | 13·2 | 21·4 | 16·5 | 57 | 28 | 31 | 6·5 | 5·3 | 4·3 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 3 | — | 4·0 |
| 10 | 54·5 | 52·5 | 53·4 | 24·0 | 9·4 | 11·2 | 22·2 | 19·0 | 66 | 24 | 11 | 6·5 | 4·8 | 1·9 | 0 | 0 | 0 | N | 3 | N | 4 | N | 4 | — | 6·2 |
| 11 | 54·7 | 52·3 | 53·2 | 26·2 | 9·0 | 11·2 | 23·0 | 19·4 | 54 | 19 | 6 | 5·4 | 4·0 | 1·0 | 6 | 4 | 4 | N | 3 | NW | 3 | NW | 4 | — | 6·0 |
| 12 | 53·6 | 51·3 | 53·2 | 27·0 | 10·4 | 14·2 | 24·4 | 19·2 | 47 | 26 | 15 | 5·7 | 5·9 | 2·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 6·2 |
| 13 | 56·3 | 54·3 | 55·3 | 23·2 | 12·2 | 15·2 | 20·4 | 17·2 | 51 | 31 | 29 | 6·5 | 5·6 | 4·2 | 0 | 0 | 0 | N | 4 | N | 3 | NW | 4 | — | 5·4 |
| 14 | 56·5 | 53·6 | 54·1 | 25·0 | 10·0 | 13·2 | 21·0 | 18·2 | 45 | 27 | 19 | 5·1 | 5·0 | 3·0 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 3 | — | 8·2 |
| 15 | 55·7 | 52·9 | 54·3 | 24·2 | 12·0 | 14·2 | 22·2 | 18·5 | 49 | 35 | 19 | 5·9 | 6·9 | 3·1 | 0 | 0 | 0 | N | 5 | N | 3 | N | 4 | — | 6·2 |
| 16 | 55·7 | 52·5 | 53·5 | 27·5 | 8·4 | 12·2 | 25·0 | 20·2 | 36 | — | — | 3·8 | — | — | 0 | 0 | 0 | N | 3 | NNW | 3 | NW | 3 | — | 6·5 |
| 17 | 54·7 | 51·4 | 51·9 | 27·6 | 10·2 | 12·2 | 24·2 | 20·4 | 67 | 25 | 10 | 7·1 | 5·7 | 1·9 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 8·2 |
| 18 | 50·6 | 49·2 | 50·0 | 27·2 | 11·2 | 15·2 | 25·0 | 19·2 | 41 | 31 | 25 | 5·3 | 7·2 | 4·1 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 6·5 |
| 19 | 54·1 | 52·2 | 53·1 | 25·5 | 10·0 | 14·4 | 24·0 | 19·5 | 36 | 17 | 14 | 4·4 | 3·7 | 2·2 | 0 | 0 | 0 | N | 4 | NW | 6 | NW | 4 | — | 6·2 |
| 20 | 53·9 | 52·4 | 53·1 | 27·5 | 11·4 | 14·2 | 23·4 | 19·0 | 39 | 19 | 10 | 4·7 | 4·1 | 1·7 | 0 | 0 | 0 | N | 3 | NW | 4 | N | 4 | — | 8·4 |
| 21 | 54·5 | 52·2 | 52·9 | 27·2 | 12·4 | 16·2 | 24·2 | 20·2 | 43 | 22 | 13 | 5·9 | 5·0 | 2·4 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 3 | — | 8·0 |
| 22 | 54·5 | 51·1 | 52·0 | 29·2 | 12·4 | 15·4 | 25·6 | 20·5 | 47 | 26 | 16 | 6·1 | 6·3 | 2·8 | 0 | 0 | 0 | NE | 4 | N | 3 | N | 3 | — | 8·5 |
| 23 | 52·2 | 49·6 | 50·1 | 32·0 | 12·4 | 16·2 | 28·0 | 22·0 | 43 | 23 | 11 | 5·9 | 6·5 | 2·2 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 6·7 |
| 24 | 51·9 | 50·0 | 50·7 | 33·2 | 13·2 | 17·2 | 31·4 | 25·0 | 37 | 10 | 6 | 5·4 | 3·2 | 1·5 | 0 | 0 | 0 | N | 3 | NNW | 4 | NW | 3 | — | 8·0 |
| 25 | 52·9 | 50·1 | 51·0 | 34·5 | 14·4 | 20·2 | 33·4 | 25·6 | 27 | 19 | 6 | 4·7 | 7·5 | 1·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 7·2 |
| 26 | 52·2 | 49·9 | 50·5 | 33·2 | 17·2 | 22·2 | 30·4 | 25·2 | 24 | 27 | 22 | 4·8 | 8·7 | 5·4 | 0 | 0 | 0 | NE | 3 | NW | 4 | NW | 4 | — | 4·0 |
| 27 | 50·9 | 48·4 | 48·8 | 34·5 | 16·6 | 23·2 | 33·2 | 27·4 | 52 | 27 | 21 | 10·9 | 10·0 | 5·7 | 0 | 0 | 0 | S | 2 | N | 3 | NW | 2 | — | 6·5 |
| 28 | 51·1 | 48·2 | 50·0 | 34·0 | 18·5 | 24·6 | 33·6 | 26·6 | 42 | 21 | 27 | 9·5 | 8·0 | 7·1 | 0 | 0 | 0 | NNW | 1 | NNE | 3 | NW | 2 | — | 8·6 |
| 29 | 52·5 | 49·9 | 50·6 | 35·0 | 17·2 | 24·0 | 33·0 | 26·0 | 40 | 18 | 20 | 9·0 | 6·8 | 4·9 | 0 | 0 | 0 | NNW | 2 | W | 2 | NW | 2 | — | 9·2 |
| 30 | 51·5 | 48·1 | 48·5 | 36·3 | 17·5 | 22·4 | 34·4 | 28·2 | 54 | 18 | 24 | 10·8 | 7·2 | 6·8 | 0 | 0 | 0 | NE | 1 | SSW | 2 | NW | 2 | — | 7·8 |
| 31 | 50·1 | 47·5 | 49·1 | 32·2 | 17·5 | 24·0 | 31·6 | 25·6 | 27 | 16 | 21 | 6·1 | 5·8 | 5·1 | 0 | 0 | 0 | NW | 3 | NW | 3 | NW | 4 | — | 11·2 |
| Month | 53·88 | 51·49 | 52·40 | 27·9 | 12·0 | 15·7 | 25·4 | 20·4 | 44 | 24 | 18 | 6·0 | 5·7 | 3·2 | 0·4 | 0·4 | 0·4 | — | 3·2 | — | 3·4 | — | 3·3 | — | 7·04 |

**Remarks :**—3 ⊕.—4 ⊕.—11 ⊕.

$C_h = +9$ mm.

## April 1913.

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 51·8 | 49·3 | 50·0 | 29·6 | 14·6 | 20·4 | 28·4 | 22·2 | 44 | 32 | 42 | 7·7 | 9·3 | 8·3 | 0 | 0 | 0 | NE | 3 | NW | 3 | NE | 3 | — | 8·4 |
| 2 | 52·9 | 50·1 | 50·6 | 33·0 | 15·0 | 20·2 | 30·4 | 25·0 | 34 | 35 | 23 | 6·0 | 11·3 | 5·5 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 7·2 |
| 3 | 50·0 | 48·5 | 49·5 | 35·0 | 16·2 | 21·4 | 32·4 | 27·0 | 41 | 30 | 15 | 7·7 | 10·8 | 4·0 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 6·2 |
| 4 | 51·7 | 49·3 | 50·8 | 32·4 | 16·2 | 19·4 | 29·2 | 24·2 | 45 | 25 | 21 | 7·5 | 7·6 | 4·9 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 3 | — | 9·4 |
| 5 | 53·4 | 51·5 | 52·2 | 30·2 | 14·2 | 18·2 | 28·2 | 24·0 | 47 | 29 | 17 | 7·2 | 8·2 | 3·8 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 3 | — | 8·2 |
| 6 | 52·9 | 49·9 | 50·7 | 30·4 | 13·6 | 19·4 | 29·5 | 24·2 | 37 | 18 | 14 | 6·2 | 5·6 | 3·1 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 6·2 |
| 7 | 50·0 | 48·3 | 49·0 | 36·5 | 14·2 | 18·2 | 32·2 | 25·2 | 38 | 20 | 10 | 6·0 | 7·3 | 2·5 | 0 | 0 | 0 | NE | 3 | N | 3 | N | 3 | — | 4·2 |
| 8 | 49·8 | 47·3 | 48·3 | 38·5 | 17·0 | 24·2 | 35·2 | 27·4 | 33 | 29 | 25 | 7·4 | 12·3 | 6·9 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 5·2 |
| 9 | 49·0 | 48·1 | 48·7 | 38·0 | 18·4 | 24·2 | 35·0 | 29·4 | 33 | 29 | 18 | 7·7 | 12·0 | 5·7 | 0 | 0 | 0 | SW | 3 | NW | 3 | N | 4 | — | 9·0 |
| 10 | 52·1 | 49·0 | 50·1 | 35·4 | 18·2 | 22·2 | 33·2 | 28·4 | 45 | 18 | 17 | 8·9 | 7·0 | 4·8 | 0 | 0 | 0 | NE | 4 | N | 4 | NW | 3 | — | 7·2 |
| 11 | 50·7 | 47·8 | 48·4 | 35·2 | 15·0 | 20·2 | 33·2 | 27·5 | 33 | 14 | 9 | 5·7 | 5·3 | 2·6 | 0 | 0 | 0 | N | 3 | SW | 4 | NW | 3 | — | 9·0 |
| 12 | 49·9 | 47·2 | 48·0 | 38·2 | 15·4 | 20·4 | 35·4 | 29·2 | 33 | 12 | 2 | 5·9 | 5·0 | 0·6 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 7·2 |
| 13 | 49·3 | 47·2 | 48·2 | 40·0 | 15·4 | 24·2 | 38·0 | 30·2 | 21 | 13 | 7 | 4·9 | 6·7 | 2·3 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 3 | — | 8·4 |
| 14 | 51·2 | 48·2 | 49·1 | 39·4 | 18·2 | 27·2 | 37·7 | 32·0 | 16 | 12 | 7 | 4·2 | 5·6 | 2·6 | 0 | 0 | 0 | NW | 4 | SW | 5 | NW | 4 | — | 10·2 |
| 15 | 50·4 | 47·8 | 48·5 | 40·4 | 19·0 | 25·4 | 39·2 | 33·4 | 28 | 12 | 8 | 6·7 | 6·3 | 3·2 | 0 | 0 | 0 | N | 3 | SW | 3 | NW | 3 | — | 7·5 |
| 16 | 50·2 | 49·1 | 50·0 | 41·0 | 20·2 | 27·4 | 38·2 | 32·4 | 20 | 13 | 7 | 5·4 | 6·9 | 2·6 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 3 | — | 9·2 |
| 17 | 49·4 | 48·3 | 48·7 | 41·5 | 20·4 | 26·5 | 40·0 | 35·0 | 24 | 10 | 6 | 6·3 | 5·5 | 2·5 | 0 | 0 | 0 | N | 2 | S | 3 | SW | 3 | — | 7·0 |
| 18 | 49·0 | 47·4 | 48·5 | 42·4 | 20·2 | 27·2 | 38·6 | 33·4 | 26 | 15 | 8 | 7·0 | 7·7 | 3·2 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 7·5 |
| 19 | 48·0 | 46·5 | 47·0 | 43·2 | 23·0 | 30·4 | 40·2 | 35·2 | 30 | 23 | 13 | 9·7 | 12·7 | 5·5 | 0 | 0 | 0 | SE | 2 | NW | 3 | N | 3 | — | 6·4 |
| 20 | 47·3 | 44·5 | 46·1 | 44·0 | 24·0 | 30·2 | 41·2 | 35·4 | 27 | 20 | 12 | 8·5 | 11·7 | 5·0 | 0 | 0 | 6 | NW | 3 | NW | 3 | NW | 5 | — | 7·2 |
| 21 | 47·2 | 46·4 | 46·9 | 40·0 | 25·2 | 28·2 | 38·0 | 32·4 | 34 | 28 | 23 | 9·7 | 13·9 | 8·5 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 3 | — | 9·2 |
| 22 | 49·5 | 48·0 | 48·7 | 35·0 | 22·2 | 26·4 | 32·5 | 28·2 | 37 | 24 | 24 | 9·3 | 8·7 | 6·7 | 4 | 6 | 6 | N | 5 | N | 4 | N | 4 | — | 9·0 |
| 23 | 51·2 | 49·2 | 50·1 | 32·4 | 20·0 | 24·2 | 29·4 | 25·2 | 41 | 39 | 27 | 9·1 | 12·0 | 6·5 | 6 | 6 | 6 | N | 5 | N | 5 | NW | 5 | — | 12·2 |
| 24 | 52·6 | 50·4 | 51·2 | 30·0 | 18·0 | 21·2 | 28·2 | 24·2 | 36 | 18 | 17 | 6·7 | 5·2 | 3·7 | 6 | 4 | 6 | N | 4 | N | 3 | N | 3 | — | 12·0 |
| 25 | 49·6 | 48·0 | 49·3 | 33·0 | 15·6 | 21·2 | 31·2 | 25·6 | 27 | 10 | 16 | 5·1 | 3·4 | 3·8 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 10·4 |
| 26 | 49·7 | 47·4 | 47·9 | 36·2 | 18·4 | 21·4 | 32·5 | 27·2 | 28 | 14 | 9 | 5·3 | 5·3 | 2·5 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 9·4 |
| 27 | 49·7 | 47·2 | 48·1 | 35·6 | 16·4 | 25·2 | 32·2 | 28·0 | 18 | 18 | 8 | 4·3 | 6·7 | 2·2 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 9·6 |
| 28 | 49·5 | 48·2 | 48·7 | 39·5 | 16·0 | 21·2 | 35·0 | 30·0 | 29 | 14 | 4 | 5·4 | 5·8 | 1·3 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 7·5 |
| 29 | 48·7 | 46·0 | 47·3 | 41·5 | 18·4 | 24·2 | 39·2 | 32·4 | 21 | 9 | 3 | 4·9 | 4·8 | 0·9 | 0 | 0 | 0 | N | 2 | S | 2 | NW | 3 | — | 6·4 |
| 30 | 46·3 | 43·9 | 44·8 | 40·5 | 18·2 | 25·4 | 39·0 | 33·2 | 22 | 9 | 1 | 5·3 | 4·8 | 0·4 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 11·0 |
| Month | 50·10 | 48·00 | 48·85 | 36·9 | 17·7 | 23·5 | 34·4 | 28·9 | 32 | 20 | 14 | 6·7 | 7·8 | 3·9 | 0·5 | 0·5 | 0·8 | — | 3·2 | — | 3·3 | — | 3·3 | — | 8·25 |

**Remarks :**—9 ∞ $17^h$–$17^{35}$.—20 ∞ $17^{20}$–$18^{15}$, ☾ ● $20^{20}$–$20^{35}$.—21 ∞ $16^{25}$–$16^{55}$.—22 ● $20^{35}$–$20^{45}$.—23 ⊕.—24 ⊕.

# ASWAN.

$\varphi = 24° 2' 25''$ N. $\lambda = 32° 52' 40''$ E. H = 99·6 m. $h_t = 1·3$ m.

$C_h = +9$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 3 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 48·5 | 46·6 | 47·6 | 38·0 | 20·0 | 25·4 | 35·4 | 39·4 | 28 | 10 | 12 | 6·7 | 4·1 | 3·8 | 0 | 0 | 0 | N | 3 | NW | 5 | NW | 5 | — | 9·2 |
| 2 | 49·5 | 47·8 | 48·5 | 38·2 | 19·4 | 25·2 | 36·0 | 32·0 | 24 | 11 | 7 | 5·7 | 4·7 | 2·6 | 0 | 6 | 6 | N | 3 | SW | 3 | NW | 3 | — | 12·2 |
| 3 | 49·6 | 48·2 | 49·0 | 39·5 | 20·0 | 28·2 | 37·2 | 34·4 | 24 | 9 | 3 | 6·7 | 4·2 | 1·1 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 4 | — | 12·0 |
| 4 | 49·2 | 46·8 | 47·8 | 38·4 | 23·4 | 30·2 | 35·6 | 32·2 | 22 | 16 | 11 | 7·0 | 7·0 | 3·9 | 6 | 6 | 4 | SE | 4 | NW | 4 | N | 3 | — | 10·4 |
| 5 | 48·4 | 45·6 | 47·3 | 38·0 | 22·0 | 27·4 | 35·4 | 31·4 | 31 | 14 | 18 | 8·4 | 6·3 | 6·2 | 6 | 4 | 4 | NE | 5 | N | 4 | N | 3 | — | 8·2 |
| 6 | 47·5 | 44·9 | 45·8 | 38·2 | 20·2 | 25·4 | 35·0 | 32·0 | 28 | 14 | 8 | 6·7 | 5·9 | 2·9 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 2 | — | 9·4 |
| 7 | 49·4 | 46·8 | 47·8 | 41·0 | 21·2 | 27·2 | 37·4 | 32·2 | 33 | 15 | 12 | 8·8 | 7·0 | 4·2 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 4 | — | 12·2 |
| 8 | 49·4 | 47·9 | 48·6 | 37·5 | 22·4 | 27·4 | 35·2 | 30·4 | 31 | 13 | 15 | 8·4 | 5·5 | 5·1 | 6 | 4 | 4 | N | 5 | N | 4 | NW | 4 | — | 12·5 |
| 9 | 50·0 | 47·8 | 48·7 | 35·0 | 20·2 | 27·4 | 33·2 | 28·2 | 20 | 13 | 17 | 5·4 | 5·1 | 4·7 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 13·0 |
| 10 | 49·5 | 46·9 | 48·0 | 34·2 | 18·2 | 24·2 | 32·2 | 29·0 | 26 | 18 | 9 | 6·0 | 6·7 | 2·7 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 10·4 |
| 11 | 49·6 | 46·6 | 47·5 | 38·5 | 18·4 | 26·4 | 35·2 | 30·4 | 24 | 16 | 15 | 6·0 | 7·1 | 5·1 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 8·2 |
| 12 | 49·3 | 47·0 | 48·0 | 41·2 | 20·4 | 27·2 | 38·0 | 33·2 | 39 | 14 | 12 | 10·4 | 7·0 | 4·8 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 3 | — | 11·2 |
| 13 | 50·3 | 47·8 | 49·0 | 38·4 | 21·2 | 26·4 | 35·4 | 30·2 | 25 | 12 | 11 | 6·3 | 5·4 | 3·4 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 12·0 |
| 14 | 50·2 | 48·3 | 49·0 | 35·0 | 20·0 | 25·4 | 32·0 | 28·2 | 41 | 26 | 24 | 9·9 | 9·0 | 6·8 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 10·4 |
| 15 | 49·3 | 47·0 | 48·2 | 35·0 | 18·2 | 26·2 | 33·0 | 27·4 | 20 | 10 | 14 | 5·0 | 3·7 | 3·8 | 0 | 0 | 0 | W | 2 | NW | 3 | N | 3 | — | 10·2 |
| 16 | 48·6 | 47·0 | 47·9 | 33·4 | 18·4 | 24·4 | 30·2 | 26·2 | 26 | 17 | 18 | 5·9 | 5·5 | 4·5 | 0 | 0 | 0 | NW | 3 | NW | 3 | NW | 3 | — | 12·0 |
| 17 | 49·8 | 48·0 | 49·3 | 28·2 | 18·2 | 21·4 | 25·2 | 22·4 | 41 | 42 | 31 | 7·7 | 10·0 | 6·2 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 3 | — | 9·2 |
| 18 | 51·4 | 49·5 | 50·2 | 32·0 | 16·5 | 22·2 | 30·2 | 24·2 | 31 | 20 | 25 | 6·1 | 6·4 | 5·7 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 7·2 |
| 19 | 51·4 | 49·5 | 50·2 | 34·0 | 17·2 | 24·2 | 32·0 | 28·2 | 26 | 21 | 11 | 6·0 | 7·4 | 3·3 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 9·0 |
| 20 | 51·4 | 48·6 | 49·4 | 38·2 | 20·0 | 25·4 | 36·2 | 32·0 | 28 | 18 | 7 | 6·7 | 8·1 | 2·6 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 9·4 |
| 21 | 49·2 | 46·8 | 47·5 | 40·2 | 21·4 | 27·2 | 37·4 | 33·0 | 27 | 15 | 6 | 7·3 | 7·0 | 2·3 | 0 | 0 | 0 | N | 3 | SW | 3 | NW | 3 | — | 7·4 |
| 22 | 48·6 | 46·1 | 46·8 | 40·5 | 22·4 | 27·2 | 38·5 | 33·6 | 27 | 13 | 5 | 7·3 | 6·4 | 2·2 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 9·2 |
| 23 | 47·3 | 44·2 | 45·6 | 43·2 | 21·2 | 26·2 | 40·4 | 33·5 | 26 | 8 | 4 | 6·4 | 4·2 | 1·7 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 3 | — | 12·4 |
| 24 | 47·0 | 44·7 | 46·2 | 42·0 | 24·0 | 30·4 | 38·2 | 32·0 | 26 | 14 | 16 | 8·4 | 7·1 | 5·9 | 0 | 0 | 0 | NE | 5 | N | 4 | NW | 5 | — | 9·4 |
| 25 | 49·2 | 46·6 | 47·7 | 38·0 | 23·4 | 30·5 | 36·4 | 30·2 | 25 | 21 | 22 | 8·0 | 9·7 | 7·0 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 5 | — | 10·4 |
| 26 | 50·9 | 48·2 | 49·2 | 36·4 | 19·5 | 26·2 | 34·0 | 28·2 | 26 | 11 | 17 | 6·4 | 4·3 | 4·9 | 0 | 0 | 0 | N | 4 | N | 4 | NW | 3 | — | 12·0 |
| 27 | 50·8 | 48·5 | 49·8 | 36·4 | 18·2 | 25·4 | 35·2 | 30·0 | 22 | 9 | 5 | 5·3 | 3·9 | 1·4 | 0 | 0 | 0 | N | 3 | NE | 5 | NW | 4 | — | 11·2 |
| 28 | 52·1 | 49·8 | 51·1 | 36·0 | 21·4 | 26·2 | 32·4 | 26·2 | 20 | 11 | 18 | 5·0 | 3·8 | 4·5 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 4 | — | 11·2 |
| 29 | 52·4 | 50·0 | 50·9 | 34·4 | 19·2 | 23·4 | 30·5 | 25·4 | 30 | 21 | 21 | 6·5 | 6·8 | 5·0 | 0 | 0 | 0 | N | 5 | N | 4 | N | 3 | — | 12·0 |
| 30 | 51·4 | 49·4 | 50·0 | 34·2 | 17·2 | 22·4 | 31·2 | 26·4 | 28 | 19 | 19 | 5·7 | 6·4 | 4·6 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 4 | — | 10·2 |
| 31 | 51·6 | 49·0 | 49·9 | 34·0 | 17·4 | 22·5 | 30·4 | 25·4 | 35 | 24 | 21 | 7·0 | 7·8 | 5·0 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 3 | — | 9·4 |
| Month | 49·77 | 47·48 | 48·47 | 37·0 | 20·0 | 26·0 | 34·3 | 29·6 | 28 | 16 | 14 | 6·9 | 6·2 | 4·1 | 0·6 | 0·6 | 0·6 | — | 3·4 | — | 3·5 | — | 3·4 | — | 10·42 |

**Remarks**:—2 ⊕.—4 ⊕.—5 ● $6^{25}$–$6^{35}$.—8 ⊕.

$C_h = +8$ mm.

## June 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 3 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50·7 | 48·2 | 49·1 | 34·5 | 18·2 | 24·2 | 31·0 | 26·2 | 28 | 23 | 19 | 6·3 | 7·7 | 4·8 | 0 | 0 | 0 | N | 3 | NNW | 3 | NW | 4 | — | 12·4 |
| 2 | 50·8 | 48·3 | 49·2 | 34·5 | 17·2 | 22·4 | 32·0 | 28·2 | 30 | 15 | 13 | 6·0 | 5·6 | 3·8 | 0 | 0 | 0 | N | 3 | NW | 4 | N | 4 | — | 9·2 |
| 3 | 50·7 | 48·4 | 48·9 | 36·2 | 17·2 | 22·4 | 33·2 | 27·0 | 35 | 16 | 15 | 7·1 | 6·1 | 4·0 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 4 | — | 11·2 |
| 4 | 49·5 | 47·0 | 48·0 | 38·0 | 17·4 | 26·2 | 36·0 | 31·2 | 20 | 8 | 5 | 5·0 | 3·4 | 1·7 | 0 | 0 | 0 | N | 4 | N | 5 | NW | 4 | — | 10·4 |
| 5 | 49·6 | 47·2 | 48·0 | 39·0 | 19·4 | 26·2 | 37·4 | 32·0 | 26 | 8 | 7 | 6·4 | 3·8 | 2·6 | 0 | 0 | 0 | N | 4 | NNW | 3 | NW | 3 | — | 12·5 |
| 6 | 48·4 | 46·1 | 47·0 | 40·0 | 20·0 | 26·4 | 38·0 | 32·5 | 24 | 10 | 6 | 6·0 | 5·0 | 2·0 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 10·0 |
| 7 | 47·5 | 44·9 | 46·0 | 41·6 | 22·2 | 27·2 | 39·2 | 34·4 | 22 | 11 | 6 | 5·8 | 6·0 | 2·3 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 13·2 |
| 8 | 47·0 | 44·9 | 45·8 | 40·2 | 22·0 | 28·2 | 38·2 | 32·4 | 24 | 13 | 11 | 6·7 | 6·9 | 3·8 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 10·2 |
| 9 | 47·3 | 46·4 | 47·0 | 40·2 | 21·4 | 26·4 | 39·0 | 35·0 | 24 | 12 | 2 | 6·0 | 6·4 | 0·8 | 0 | 0 | 0 | N | 4 | NE | 5 | N | 3 | — | 12·5 |
| 10 | 49·2 | 46·9 | 47·8 | 40·4 | 21·0 | 25·6 | 39·0 | 34·5 | 27 | 6 | 2 | 6·5 | 3·2 | 0·8 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 4 | — | 13·4 |
| 11 | 48·0 | 45·8 | 46·7 | 40·2 | 22·2 | 26·4 | 38·4 | 33·2 | 30 | 13 | 6 | 7·5 | 6·8 | 2·1 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 13·4 |
| 12 | 49·2 | 46·9 | 47·8 | 37·4 | 22·4 | 27·5 | 35·4 | 31·6 | 26 | 19 | 15 | 7·1 | 8·3 | 5·5 | 0 | 0 | 0 | N | 4 | N | 4 | N | 3 | — | 12·4 |
| 13 | 49·0 | 47·1 | 47·9 | 37·4 | 22·0 | 26·4 | 35·2 | 30·2 | 37 | 23 | 21 | 9·3 | 9·8 | 6·7 | 0 | 0 | 0 | N | 4 | NNW | 5 | NW | 4 | — | 9·4 |
| 14 | 49·7 | 47·2 | 48·8 | 37·5 | 20·0 | 26·2 | 34·6 | 30·2 | 32 | 21 | 20 | 7·9 | 8·8 | 6·4 | 0 | 0 | 0 | N | 4 | N | 4 | NW | 3 | — | 12·5 |
| 15 | 49·9 | 48·0 | 48·7 | 38·5 | 22·2 | 28·4 | 36·4 | 32·0 | 23 | 17 | 15 | 6·6 | 7·7 | 5·6 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 4 | — | 9·2 |
| 16 | 49·6 | 46·9 | 47·5 | 39·2 | 22·4 | 27·2 | 38·0 | 33·4 | 27 | 12 | 13 | 7·3 | 6·3 | 5·0 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 3 | — | 10·4 |
| 17 | 49·4 | 46·9 | 47·8 | 39·2 | 23·0 | 27·2 | 37·4 | 32·4 | 26 | 13 | 7 | 7·0 | 6·1 | 2·6 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 13·0 |
| 18 | 49·2 | 46·9 | 47·5 | 38·5 | 20·2 | 27·4 | 36·7 | 31·4 | 20 | 15 | 8 | 5·4 | 7·1 | 2·7 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 12·2 |
| 19 | 49·4 | 47·5 | 48·1 | 39·5 | 21·0 | 24·5 | 38·0 | 33·2 | 26 | 11 | 4 | 5·8 | 5·4 | 1·6 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 13·0 |
| 20 | 48·0 | 45·8 | 46·7 | 43·5 | 23·0 | 29·2 | 40·4 | 35·2 | 25 | 16 | 6 | 7·6 | 8·8 | 2·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 10·2 |
| 21 | 47·0 | 44·6 | 45·9 | 46·4 | 24·0 | 29·2 | 42·2 | 37·4 | 25 | 12 | 7 | 7·6 | 7·7 | 3·5 | 0 | 0 | 0 | E | 2 | NE | 3 | N | 3 | — | 12·5 |
| 22 | 47·0 | 44·4 | 45·7 | 46·0 | 25·2 | 31·2 | 44·2 | 36·5 | 28 | 12 | 13 | 9·5 | 8·3 | 6·0 | 0 | 0 | 0 | N | 2 | N | 3 | N | 3 | — | 13·2 |
| 23 | 47·4 | 45·8 | 46·7 | 45·5 | 26·2 | 32·4 | 43·4 | 38·0 | 28 | 11 | 11 | 10·1 | 7·5 | 5·4 | 6 | 6 | 4 | N | 4 | N | 4 | N | 4 | — | 14·0 |
| 24 | 48·7 | 46·2 | 47·2 | 44·0 | 25·4 | 31·4 | 40·2 | 36·2 | 27 | 20 | 14 | 9·4 | 11·1 | 6·6 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 3 | — | 13·5 |
| 25 | 48·0 | 46·2 | 46·9 | 41·5 | 25·2 | 29·2 | 38·4 | 33·6 | 25 | 12 | 12 | 7·6 | 6·4 | 4·6 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 14·2 |
| 26 | 49·0 | 46·4 | 47·5 | 40·0 | 24·0 | 29·2 | 38·2 | 34·4 | 25 | 11 | 6 | 7·6 | 5·4 | 2·6 | 0 | 0 | 0 | NW | 4 | NNW | 3 | NW | 4 | — | 15·2 |
| 27 | 47·8 | 45·9 | 46·9 | 40·0 | 23·2 | 28·2 | 38·4 | 34·0 | 28 | 10 | 11 | 7·9 | 5·1 | 4·3 | 0 | 0 | 0 | N | 2 | NW | 4 | NW | 4 | — | 13·0 |
| 28 | 47·4 | 45·0 | 45·7 | 40·5 | 24·0 | 29·4 | 38·0 | 34·2 | 23 | 14 | 10 | 7·1 | 7·0 | 3·9 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 12·4 |
| 29 | 47·8 | 46·0 | 46·7 | 42·5 | 22·6 | 30·4 | 40·4 | 35·4 | 11 | 8 | 5 | 3·6 | 4·2 | 2·0 | 0 | 0 | 0 | N | 4 | NW | 3 | NW | 4 | — | 14·0 |
| 30 | 47·7 | 45·1 | 46·0 | 43·0 | 26·0 | 30·4 | 40·4 | 35·0 | 15 | 9 | 9 | 5·1 | 5·3 | 3·7 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 3 | — | 15·2 |
| Month | 48·66 | 46·43 | 47·32 | 40·2 | 22·0 | 27·6 | 37·9 | 33·0 | 26 | 13 | 10 | 7·0 | 6·6 | 3·7 | 0·2 | 0·2 | 0·1 | — | 3·4 | — | 3·5 | — | 3·5 | — | 12·26 |

**Remarks**:—23 ⊕.

# ASWAN.

$\varphi = 24° 2' 25''$ N. $\lambda = 32° 52' 40''$ E. H = 99·6 m. $h_t = 1·3$ m.

$C_h = +8$ mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46·9 | 44·7 | 46·4 | 41·2 | 25·2 | 29·5 | 38·5 | 34·2 | 18 | 15 | 8 | 5·6 | 7·7 | 3·0 | 0 | 0 | 0 | N | 4 | N | 3 | NW | 3 | — | 14·0 |
| 2 | 48·9 | 46·5 | 47·4 | 42·2 | 24·2 | 28·2 | 40·0 | 35·2 | 24 | 8 | 8 | 6·7 | 4·5 | 3·6 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 13·4 |
| 3 | 47·7 | 46·3 | 47·0 | 42·0 | 24·4 | 27·4 | 40·2 | 34·6 | 25 | 10 | 10 | 6·9 | 5·7 | 4·0 | 6 | 4 | 4 | N | 3 | NE | 4 | NW | 3 | — | 14·2 |
| 4 | 47·9 | 46·6 | 47·1 | 43·2 | 24·2 | 29·2 | 40·4 | 36·0 | 25 | 16 | 11 | 7·6 | 8·8 | 4·7 | 0 | 0 | 0 | N | 3 | NNW | 4 | NW | 3 | — | 13·5 |
| 5 | 48·7 | 46·6 | 47·4 | 42·5 | 24·0 | 29·4 | 40·5 | 36·2 | 28 | 16 | 14 | 8·7 | 9·3 | 6·5 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 12·5 |
| 6 | 47·3 | 44·9 | 45·6 | 41·5 | 23·4 | 29·6 | 40·0 | 36·0 | 28 | 13 | 11 | 8·6 | 7·1 | 5·0 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 14·2 |
| 7 | 47·0 | 44·6 | 45·5 | 42·5 | 23·6 | 29·6 | 40·6 | 35·6 | 29 | 12 | 15 | 8·9 | 6·9 | 6·5 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 3 | — | 12·4 |
| 8 | 47·3 | 44·2 | 44·9 | 42·4 | 24·0 | 31·2 | 40·6 | 37·0 | 24 | 16 | 9 | 8·1 | 9·0 | 4·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 14·0 |
| 9 | 47·6 | 45·6 | 46·3 | 44·0 | 24·0 | 30·4 | 42·0 | 36·0 | 26 | 10 | 11 | 8·6 | 6·4 | 5·0 | 0 | 0 | 0 | N | 4 | S | 4 | NW | 3 | — | 15·0 |
| 10 | 47·0 | 45·2 | 45·9 | 44·0 | 26·2 | 32·4 | 41·5 | 35·4 | 23 | 19 | 13 | 8·5 | 11·5 | 5·5 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 3 | — | 14·2 |
| 11 | 46·2 | 43·8 | 44·5 | 45·2 | 25·2 | 31·4 | 42·0 | 36·4 | 26 | 19 | 12 | 9·1 | 11·6 | 5·7 | 0 | 0 | 0 | SE | 3 | NW | 3 | N | 3 | — | 15·4 |
| 12 | 45·8 | 44·0 | 45·5 | 45·0 | 25·0 | 31·2 | 42·4 | 36·4 | 24 | 13 | 10 | 7·9 | 8·3 | 4·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 12·5 |
| 13 | 47·5 | 46·2 | 46·8 | 46·2 | 27·2 | 33·2 | 43·4 | 37·0 | 22 | 16 | 12 | 8·3 | 10·7 | 5·7 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 14·4 |
| 14 | 47·9 | 45·3 | 46·2 | 46·4 | 27·2 | 34·2 | 45·0 | 37·5 | 15 | 9 | 11 | 6·1 | 6·5 | 5·0 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 4 | — | 15·0 |
| 15 | 46·8 | 45·2 | 46·2 | 43·2 | 27·4 | 33·4 | 41·2 | 36·0 | 20 | 15 | 11 | 7·8 | 8·6 | 5·0 | 0 | 0 | 0 | NE | 4 | NW | 5 | NW | 4 | — | 15·2 |
| 16 | 47·2 | 45·2 | 46·1 | 39·2 | 25·0 | 30·2 | 38·0 | 34·2 | 27 | 17 | 14 | 8·5 | 8·7 | 5·8 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 14·2 |
| 17 | 46·8 | 46·2 | 46·5 | 38·0 | 24·0 | 28·4 | 36·4 | 32·4 | 32 | 21 | 16 | 9·3 | 9·7 | 5·9 | 0 | 0 | 0 | N | 3 | NNW | 4 | NW | 4 | — | 14·0 |
| 18 | 48·2 | 46·4 | 47·3 | 40·2 | 23·2 | 27·4 | 39·0 | 34·4 | 36 | 14 | 12 | 9·9 | 7·4 | 5·3 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 3 | — | 12·5 |
| 19 | 47·0 | 45·0 | 45·7 | 41·5 | 24·4 | 27·4 | 38·5 | 34·0 | 31 | 13 | 11 | 8·4 | 6·4 | 4·3 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 4 | — | 14·0 |
| 20 | 47·2 | 45·5 | 46·4 | 43·4 | 25·0 | 28·5 | 40·2 | 35·2 | 32 | 13 | 15 | 9·3 | 7·4 | 6·4 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 4 | — | 15·2 |
| 21 | 47·1 | 45·3 | 46·6 | 41·2 | 24·0 | 27·4 | 39·2 | 35·0 | 31 | 12 | 8 | 8·4 | 6·3 | 3·4 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 15·0 |
| 22 | 47·2 | 45·3 | 46·1 | 40·0 | 24·2 | 27·5 | 38·5 | 34·2 | 32 | 13 | 10 | 8·6 | 6·8 | 4·2 | 0 | 0 | 0 | N | 4 | WNW | 3 | NW | 3 | — | 14·0 |
| 23 | 48·0 | 45·9 | 46·4 | 40·2 | 23·5 | 26·4 | 38·4 | 34·0 | 30 | 10 | 10 | 7·5 | 5·1 | 4·0 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 7·5 |
| 24 | 46·0 | 48·5 | 44·6 | 40·5 | 23·5 | 27·4 | 38·2 | 34·2 | 31 | 13 | 10 | 8·4 | 6·9 | 3·9 | 0 | 0 | 0 | N | 3 | N | 4 | N | 3 | — | 10·4 |
| 25 | 47·0 | 45·0 | 45·9 | 40·0 | 24·0 | 27·4 | 38·0 | 34·0 | 25 | 11 | 7 | 6·9 | 5·4 | 2·8 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 4 | — | 14·0 |
| 26 | 48·7 | 46·3 | 47·0 | 39·5 | 24·4 | 27·2 | 36·5 | 32·4 | 27 | 12 | 10 | 7·3 | 5·6 | 3·5 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 4 | — | 14·5 |
| 27 | 47·9 | 45·3 | 46·2 | 40·0 | 22·4 | 29·6 | 38·2 | 34·0 | 28 | 16 | 13 | 8·0 | 8·3 | 5·6 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 4 | — | 15·2 |
| 28 | 47·2 | 44·7 | 45·6 | 38·2 | 23·2 | 28·2 | 36·4 | 32·0 | 29 | 17 | 13 | 8·2 | 8·0 | 4·5 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 4 | — | 14·2 |
| 29 | 48·4 | 45·8 | 46·7 | 37·6 | 22·4 | 27·2 | 35·5 | 30·4 | 22 | 14 | 11 | 5·8 | 6·2 | 3·6 | 0 | 0 | 0 | N | 4 | N | 3 | NW | 4 | — | 12·4 |
| 30 | 48·2 | 45·6 | 46·3 | 38·2 | 22·0 | 26·4 | 36·0 | 32·4 | 30 | 18 | 14 | 7·5 | 7·9 | 5·0 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 3 | — | 14·0 |
| 31 | 48·0 | 45·7 | 46·4 | 39·2 | 22·4 | 26·4 | 37·2 | 33·4 | 24 | 12 | 4 | 6·0 | 5·9 | 1·4 | 0 | 0 | 0 | N | 3 | NNW | 3 | NW | 3 | — | 14·2 |
| Month | 47·44 | 45·37 | 46·21 | 41·6 | 24·3 | 29·1 | 39·4 | 34·7 | 27 | 14 | 11 | 7·9 | 7·6 | 4·6 | 0·2 | 0·1 | 0·1 | — | 3·4 | — | 3·4 | — | 3·5 | — | 13·72 |

**Remarks :**—3 ⊕.

$C_h = +8$ mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 48·4 | 46·0 | 46·5 | 38·2 | 23·4 | 26·5 | 36·2 | 32·4 | 29 | 14 | 11 | 7·4 | 6·6 | 3·8 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 3 | — | 12·5 |
| 2 | 47·8 | 45·3 | 45·8 | 39·2 | 23·0 | 27·2 | 37·2 | 33·4 | 27 | 14 | 8 | 7·3 | 6·8 | 3·2 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 14·0 |
| 3 | 48·0 | 45·0 | 45·7 | 41·5 | 23·2 | 29·4 | 38·2 | 34·4 | 20 | 13 | 6 | 6·1 | 6·5 | 2·6 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 4 | — | 15·2 |
| 4 | 47·7 | 46·3 | 46·6 | 40·2 | 23·4 | 29·2 | 38·0 | 34·2 | 24 | 14 | 8 | 7·3 | 7·2 | 3·0 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 15·4 |
| 5 | 48·2 | 46·6 | 47·7 | 37·5 | 22·4 | 26·5 | 36·4 | 33·0 | 30 | 14 | 9 | 7·7 | 6·3 | 3·4 | 0 | 0 | 0 | N | 4 | NW | 5 | NW | 4 | — | 14·0 |
| 6 | 48·3 | 46·7 | 47·6 | 38·0 | 22·4 | 26·4 | 36·2 | 32·4 | 24 | 12 | 7 | 6·0 | 5·2 | 2·6 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 15·0 |
| 7 | 48·0 | 46·6 | 47·1 | 38·2 | 21·5 | 25·4 | 36·7 | 33·0 | 28 | 12 | 6 | 6·7 | 5·5 | 2·3 | 0 | 0 | 0 | N | 4 | N | 3 | N | 4 | — | 14·2 |
| 8 | 47·2 | 45·7 | 46·5 | 38·0 | 22·4 | 26·2 | 36·4 | 32·4 | 26 | 13 | 7 | 6·4 | 6·0 | 2·4 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 3 | — | 12·4 |
| 9 | 47·2 | 45·4 | 45·9 | 39·2 | 22·4 | 26·4 | 37·2 | 33·0 | 30 | 13 | 6 | 7·5 | 6·0 | 2·3 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 3 | — | 11·4 |
| 10 | 47·4 | 45·6 | 46·1 | 42·5 | 23·4 | 30·4 | 40·2 | 35·0 | 25 | 12 | 10 | 8·1 | 6·8 | 4·2 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 4 | — | 10·4 |
| 11 | 48·2 | 46·3 | 46·7 | 44·4 | 24·0 | 29·4 | 41·2 | 35·4 | 23 | 12 | 7 | 7·1 | 6·8 | 3·2 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 12·0 |
| 12 | 48·2 | 45·9 | 46·7 | 44·0 | 24·4 | 29·4 | 42·2 | 36·2 | 24 | 12 | 7 | 7·6 | 7·3 | 3·0 | 0 | 0 | 0 | N | 3 | W | 2 | NW | 3 | — | 14·0 |
| 13 | 47·4 | 45·3 | 45·9 | 40·2 | 24·2 | 29·2 | 38·2 | 33·6 | 25 | 13 | 13 | 7·6 | 6·9 | 4·9 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 12·4 |
| 14 | 47·5 | 45·6 | 46·1 | 40·2 | 22·5 | 27·5 | 38·0 | 34·2 | 25 | 11 | 6 | 6·9 | 5·4 | 2·4 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 10·2 |
| 15 | 47·2 | 45·3 | 46·2 | 40·4 | 23·4 | 26·4 | 38·4 | 34·0 | 30 | 10 | 8 | 7·5 | 5·3 | 3·1 | 0 | 0 | 0 | N | 4 | NNW | 3 | NW | 4 | — | 12·4 |
| 16 | 47·2 | 45·5 | 46·6 | 41·2 | 22·6 | 28·4 | 38·6 | 34·4 | 22 | 12 | 6 | 6·3 | 6·0 | 2·6 | 0 | 0 | 0 | N | 4 | W | 3 | NW | 4 | — | 9·2 |
| 17 | 47·7 | 45·9 | 46·4 | 43·5 | 24·0 | 30·4 | 40·2 | 35·0 | 20 | 13 | 10 | 6·5 | 7·1 | 4·0 | 0 | 0 | 0 | N | 4 | NW | 4 | N | 3 | — | 12·0 |
| 18 | 48·2 | 45·7 | 46·5 | 42·0 | 24·2 | 30·2 | 40·0 | 35·4 | 22 | 15 | 11 | 7·1 | 8·6 | 4·7 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 4 | — | 14·2 |
| 19 | 48·3 | 46·0 | 46·8 | 40·2 | 24·2 | 29·4 | 38·4 | 34·2 | 18 | 12 | 8 | 5·7 | 6·4 | 3·0 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 12·0 |
| 20 | 46·9 | 44·5 | 45·8 | 40·4 | 22·4 | 28·2 | 38·4 | 34·0 | 28 | 18 | 11 | 7·9 | 9·6 | 4·3 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 4 | — | 15·0 |
| 21 | 46·9 | 44·7 | 46·0 | 38·4 | 24·0 | 29·4 | 36·4 | 32·2 | 23 | 17 | 12 | 7·1 | 8·0 | 4·4 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 14·0 |
| 22 | 47·7 | 46·5 | 47·1 | 41·5 | 22·4 | 30·2 | 39·4 | 35·0 | 22 | 18 | 9 | 7·0 | 9·7 | 3·7 | 0 | 0 | 0 | N | 4 | SW | 2 | NW | 3 | — | 12·5 |
| 23 | 48·7 | 46·9 | 47·6 | 42·2 | 22·4 | 30·2 | 40·0 | 35·2 | 26 | 16 | 10 | 8·2 | 8·9 | 4·1 | 0 | 0 | 0 | SE | 2 | NW | 3 | N | 3 | — | 12·4 |
| 24 | 48·2 | 45·6 | 46·9 | 45·0 | 24·0 | 31·4 | 42·4 | 36·4 | 22 | 12 | 7 | 7·5 | 7·6 | 3·2 | 0 | 0 | 0 | NE | 3 | NNW | 3 | NW | 4 | — | 14·0 |
| 25 | 48·0 | 45·4 | 46·7 | 44·0 | 24·4 | 30·4 | 42·2 | 35·6 | 25 | 13 | 11 | 8·1 | 8·2 | 4·6 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 3 | — | 15·2 |
| 26 | 49·0 | 46·8 | 47·7 | 40·4 | 22·4 | 30·4 | 38·4 | 34·4 | 26 | 23 | 13 | 8·4 | 11·4 | 5·6 | 0 | 0 | 0 | N | 4 | NW | 3 | NW | 4 | — | 14·0 |
| 27 | 48·9 | 47·5 | 48·4 | 39·4 | 22·2 | 29·4 | 36·5 | 32·2 | 24 | 23 | 14 | 7·6 | 10·7 | 5·1 | 0 | 0 | 0 | N | 4 | ENE | 3 | NW | 4 | — | 12·0 |
| 28 | 48·7 | 46·9 | 48·0 | 38·4 | 22·0 | 29·4 | 36·0 | 32·4 | 23 | 26 | 14 | 7·1 | 11·4 | 5·3 | 0 | 0 | 0 | N | 5 | W | 4 | NW | 4 | — | 15·2 |
| 29 | 49·2 | 47·3 | 48·5 | 38·2 | 22·0 | 28·2 | 36·0 | 31·6 | 28 | 22 | 15 | 7·9 | 10·0 | 5·5 | 0 | 0 | 0 | N | 3 | WNW | 4 | NW | 3 | — | 14·2 |
| 30 | 49·8 | 47·7 | 48·1 | 38·2 | 22·0 | 28·2 | 36·2 | 32·0 | 28 | 22 | 16 | 7·9 | 10·0 | 5·9 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 4 | — | 14·0 |
| 31 | 49·2 | 47·7 | 48·4 | 39·4 | 23·0 | 30·2 | 37·2 | 32·4 | 27 | 23 | 19 | 8·5 | 11·0 | 6·9 | 0 | 0 | 0 | N | 4 | NNW | 4 | NW | 4 | — | 13·2 |
| Month | 48·04 | 46·07 | 46·86 | 40·5 | 23·0 | 28·7 | 38·3 | 33·8 | 25 | 15 | 10 | 7·3 | 7·7 | 3·8 | 0·0 | 0·0 | 0·0 | — | 3·5 | — | 3·3 | — | 3·5 | — | 13·25 |

**Remarks :**—

# ASWAN.

$\varphi = 24° 2' 25''$ N. $\lambda = 32° 52' 40''$ E. H = 99·6 m. $h_t = 1·3$ m.

$C_h = +8$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49·7 | 47·3 | 48·2 | 37·4 | 23·2 | 28·4 | 35·6 | 31·4 | 27 | 20 | 16 | 7·8 | 8·5 | 5·6 | 0 | 0 | 0 | N | 4 | N | 3 | NW | 4 | — | 14·2 |
| 2 | 49·2 | 46·4 | 47·1 | 37·5 | 20·2 | 27·4 | 35·2 | 30·4 | 25 | 16 | 16 | 6·9 | 7·1 | 5·3 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 3 | — | 12.5 |
| 3 | 48·0 | 45·9 | 46·8 | 38·0 | 21·0 | 28·2 | 36·2 | 32·2 | 28 | 18 | 14 | 7·9 | 8·1 | 5·1 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 3 | — | 12·0 |
| 4 | 48·2 | 46·3 | 47·7 | 39·2 | 22·4 | 29·2 | 37·0 | 33·2 | 25 | 19 | 12 | 7·6 | 9·0 | 4·8 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 4 | — | 12·4 |
| 5 | 48·0 | 45·7 | 46·9 | 40·2 | 22·5 | 29·4 | 38·2 | 33·6 | 28 | 19 | 15 | 8·7 | 9·7 | 5·8 | 0 | 0 | 0 | N | 4 | N | 4 | N | 3 | — | 14·0 |
| 6 | 48·0 | 45·6 | 47·0 | 42·5 | 23·0 | 28·4 | 39·4 | 34·4 | 27 | 14 | 10 | 7·8 | 7·9 | 4·1 | 0 | 0 | 0 | N | 3 | WNW | 3 | NW | 4 | — | 14·2 |
| 7 | 48·3 | 45·7 | 46·7 | 40·4 | 23·2 | 29·4 | 38·2 | 34·0 | 28 | 17 | 14 | 8·7 | 8·8 | 5·9 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 13·5 |
| 8 | 48·4 | 46·3 | 47·7 | 41·0 | 22·2 | 29·4 | 39·4 | 34·6 | 28 | 18 | 14 | 8·7 | 9·8 | 5·8 | 0 | 0 | 0 | N | 4 | NE | 3 | N | 4 | — | 14·0 |
| 9 | 48·6 | 45·8 | 46·9 | 41·2 | 22·5 | 27·4 | 38·6 | 34·0 | 31 | 16 | 12 | 8·4 | 8·4 | 4·6 | 0 | 0 | 0 | NE | 3 | WNW | 3 | NW | 3 | — | 14·2 |
| 10 | 48·2 | 45·7 | 46·6 | 40·2 | 23·4 | 29·2 | 38·0 | 34·4 | 30 | 21 | 13 | 9·1 | 10·5 | 5·6 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 4 | — | 14·0 |
| 11 | 48·6 | 46·5 | 47·5 | 40·0 | 22·4 | 28·4 | 37·4 | 33·4 | 27 | 18 | 11 | 7·8 | 8·7 | 4·4 | 0 | 0 | 0 | NE | 4 | N | 4 | NW | 3 | — | 15·2 |
| 12 | 48·7 | 46·7 | 47·7 | 41·2 | 22·5 | 29·4 | 40·0 | 35·0 | 28 | 16 | 13 | 8·7 | 9·3 | 5·3 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 3 | — | 12·0 |
| 13 | 49·2 | 46·7 | 47·7 | 43·4 | 23·5 | 30·4 | 41·5 | 35·4 | 26 | 14 | 11 | 8·4 | 8·5 | 4·7 | 0 | 0 | 0 | N | 4 | NW | 4 | NW | 3 | — | 14·2 |
| 14 | 48·7 | 46·5 | 47·4 | 44·0 | 23·6 | 30·4 | 42·0 | 36·0 | 26 | 14 | 11 | 8·4 | 8·5 | 4·7 | 0 | 0 | 0 | N | 3 | NE | 3 | NW | 4 | — | 15·2 |
| 15 | 48·9 | 46·5 | 47·1 | 44·2 | 24·0 | 29·2 | 42·6 | 36·4 | 30 | 12 | 10 | 9·1 | 7·8 | 4·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 12·6 |
| 16 | 47·7 | 44·6 | 45·6 | 42·0 | 24·4 | 30·5 | 40·5 | 35·2 | 26 | 15 | 11 | 8·3 | 8·3 | 4·8 | 0 | 0 | 0 | SW | 3 | NW | 4 | N | 3 | — | 12·0 |
| 17 | 46·4 | 43·5 | 44·2 | 40·4 | 23·4 | 30·4 | 38·2 | 34·0 | 21 | 13 | 11 | 6·8 | 6·9 | 4·3 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 4 | — | 12·0 |
| 18 | 47·2 | 44·5 | 45·7 | 40·2 | 21·2 | 28·2 | 38·4 | 34·2 | 28 | 12 | 10 | 7·9 | 6·4 | 3·9 | 0 | 0 | 0 | N | 3 | SW | 3 | NW | 3 | — | 14·0 |
| 19 | 48·5 | 45·9 | 46·9 | 42·0 | 22·0 | 29·2 | 40·0 | 35·2 | 24 | 13 | 9 | 7·3 | 7·5 | 3·9 | 0 | 0 | 0 | N | 3 | NNW | 3 | NW | 4 | — | 12·2 |
| 20 | 49·4 | 46·5 | 47·7 | 44·2 | 22·5 | 28·4 | 42·2 | 36·2 | 17 | 2 | 3 | 4·8 | 1·2 | 1·2 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 14·2 |
| 21 | 49·8 | 46·9 | 47·9 | 44·2 | 24·0 | 30·2 | 42·6 | 36·4 | 22 | 11 | 6 | 7·0 | 7·1 | 2·9 | 0 | 0 | 0 | N | 4 | N | 3 | N | 4 | — | 12·6 |
| 22 | 48·2 | 45·8 | 46·6 | 42·5 | 24·2 | 29·4 | 41·4 | 35·2 | 23 | 11 | 7 | 7·1 | 6·7 | 2·8 | 0 | 0 | 0 | N | 4 | NW | 3 | N | 3 | — | 14·2 |
| 23 | 48·8 | 45·8 | 46·8 | 39·5 | 22·4 | 28·2 | 37·2 | 32·4 | 24 | 12 | 11 | 6·7 | 5·9 | 3·8 | 0 | 0 | 0 | N | 5 | N | 4 | N | 3 | — | 12·4 |
| 24 | 49·9 | 48·5 | 49·8 | 39·0 | 23·0 | 27·2 | 38·2 | 37·0 | 22 | 9 | 2 | 5·8 | 4·6 | 1·1 | 0 | 0 | 0 | NE | 4 | N | 3 | N | 2 | — | 16·0 |
| 25 | 50·9 | 48·5 | 49·0 | 40·0 | 22·5 | 29·2 | 35·2 | 32·8 | 19 | 15 | 12 | 5·6 | 6·6 | 4·8 | 0 | 0 | 0 | N | 3 | NW | 5 | NE | 5 | — | 18·0 |
| 26 | 50·8 | 48·5 | 48·9 | 37·0 | 24·0 | 29·2 | 35·0 | 31·4 | 24 | 13 | 21 | 7·1 | 5·6 | 7·2 | 0 | 0 | 0 | N | 5 | N | 5 | N | 5 | — | 17·0 |
| 27 | 50·7 | 48·4 | 49·5 | 43·0 | 22·5 | 26·2 | 36·4 | 31·2 | 31 | 9 | 14 | 7·6 | 4·3 | 4·9 | 0 | 0 | 0 | N | 4 | N | 5 | N | 3 | — | 17·0 |
| 28 | 51·8 | 48·9 | 50·3 | 37·5 | 22·0 | 26·4 | 32·8 | 32·0 | 29 | 21 | 19 | 7·3 | 7·9 | 6·8 | 0 | 0 | 0 | N | 4 | NE | 5 | N | 3 | — | 14·0 |
| 29 | 50·8 | 48·6 | 48·5 | 38·0 | 21·5 | 32·0 | 37·6 | 32·8 | 11 | 13 | 10 | 3·8 | 6·6 | 3·6 | 0 | 0 | 0 | NE | 4 | NW | 4 | N | 3 | — | 17·2 |
| 30 | 50·2 | 47·2 | 48·5 | 38·4 | 18·8 | 28·6 | 37·6 | 33·0 | 29 | 8 | 12 | 8·6 | 4·0 | 4·6 | 0 | 0 | 0 | NE | 3 | NW | 4 | N | 3 | — | 17·0 |
| Month | 48·99 | 46·52 | 47·50 | 40·6 | 22·6 | 28·9 | 38·4 | 33·9 | 25 | 14 | 12 | 7·5 | 7·3 | 4·6 | 0·0 | 0·0 | 0·0 | — | 3·6 | — | 3·6 | — | 3·4 | — | 14·13 |

**Remarks:—**

$C_h = +9$ mm.

## October 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50·0 | 47·4 | 48·5 | 37·0 | 20·6 | 26·2 | 36·4 | 30·4 | 37 | 16 | 24 | 9·1 | 7·3 | 7·8 | 0 | 0 | 0 | NE | 3 | N | 3 | N | 4 | — | 15·0 |
| 2 | 51·0 | 49·4 | 50·8 | 37·2 | 20·2 | 26·0 | 36·4 | 30·8 | 34 | 12 | 18 | 8·3 | 5·8 | 6·0 | 0 | 0 | 0 | NE | 4 | NE | 4 | N | 3 | — | 14·0 |
| 3 | 51·9 | 49·7 | 50·3 | 37·4 | 21·5 | 28·2 | 36·8 | 30·4 | 27 | 3 | 16 | 7·6 | 1·4 | 5·2 | 0 | 0 | 0 | N | 4 | N | 4 | N | 3 | — | 18·0 |
| 4 | 52·0 | 49·3 | 50·3 | 37·5 | 18·5 | 25·0 | 36·1 | 30·6 | 16 | 12 | 14 | 3·9 | 4·9 | 4·9 | 0 | 0 | 0 | N | 2 | N | 2 | NW | 3 | — | 11·2 |
| 5 | 50·3 | 48·5 | 49·0 | 37·3 | 20·0 | 26·2 | 36·2 | 28·2 | 41 | 18 | 32 | 10·3 | 8·5 | 9·1 | 0 | 0 | 0 | N | 2 | NW | 1 | NW | 1 | — | 6·8 |
| 6 | 50·1 | 47·9 | 48·0 | 37·5 | 18·5 | 26·6 | 36·0 | 30·8 | 27 | 13 | 26 | 7·1 | 5·9 | 8·5 | 0 | 0 | 0 | N | 2 | NW | 3 | S | 2 | — | 10·2 |
| 7 | 50·1 | 47·5 | 48·3 | 38·5 | 20·2 | 26·4 | 38·2 | 33·2 | 26 | 13 | 16 | 6·6 | 6·9 | 6·4 | 0 | 0 | 0 | NE | 2 | NE | 2 | NE | 3 | — | 13·2 |
| 8 | 49·5 | 47·1 | 47·1 | 40·5 | 22·2 | 28·6 | 40·4 | 33·0 | 31 | 17 | 20 | 9·2 | 9·5 | 7·4 | 0 | 0 | 0 | NE | 3 | SW | 2 | SE | 2 | — | 8·2 |
| 9 | 48·7 | 47·1 | 46·7 | 41·0 | 22·5 | 28·6 | 40·2 | 35·0 | 32 | 19 | 18 | 9·5 | 10·7 | 7·8 | 0 | 0 | 0 | N | 3 | W | 2 | N | 3 | — | 11·0 |
| 10 | 52·0 | 47·2 | 47·8 | 41·7 | 23·2 | 30·0 | 40·6 | 35·2 | 30 | 22 | 24 | 9·6 | 12·4 | 10·1 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 10·4 |
| 11 | 49·8 | 47·0 | 49·1 | 41·0 | 24·2 | 29·2 | 40·8 | 34·0 | 34 | 9 | 23 | 10·4 | 5·0 | 9·1 | 0 | 0 | 0 | NE | 2 | N | 2 | N | 3 | — | 16·0 |
| 12 | 49·1 | 46·7 | 48·2 | 40·2 | 24·5 | 30·2 | 39·0 | 34·2 | 31 | 21 | 14 | 9·8 | 11·0 | 5·8 | 0 | 0 | 0 | N | 2 | N | 1 | N | 3 | — | 13·0 |
| 13 | 50·5 | 47·8 | 48·5 | 38·0 | 23·2 | 29·4 | 37·1 | 33·2 | 27 | 17 | 16 | 8·4 | 8·2 | 6·1 | 0 | 0 | 0 | NE | 3 | N | 3 | N | 2 | — | 13·2 |
| 14 | 50·8 | 48·9 | 50·4 | 36·7 | 22·2 | 27·0 | 36·4 | 29·6 | 20 | 14 | 18 | 5·4 | 6·7 | 5·5 | 0 | 0 | 0 | N | 2 | NW | 3 | NNE | 3 | — | 15·2 |
| 15 | 52·6 | 50·3 | 50·6 | 34·5 | 20·2 | 25·5 | 34·2 | 29·6 | 28 | 7 | 19 | 6·6 | 2·7 | 5·8 | 0 | 0 | 0 | N | 3 | NE | 2 | NNE | 2 | — | 13·2 |
| 16 | 53·0 | 50·1 | 50·4 | 35·7 | 20·2 | 23·8 | 35·2 | 30·2 | 33 | 16 | 14 | 7·3 | 6·7 | 4·6 | 0 | 0 | 0 | NE | 3 | N | 3 | N | 3 | — | 12·8 |
| 17 | 52·6 | 50·1 | 50·1 | 36·6 | 19·5 | 25·6 | 35·8 | 29·0 | 27 | 13 | 27 | 6·5 | 6·0 | 8·0 | 0 | 0 | 0 | N | 2 | NNW | 2 | NW | 2 | — | 10·0 |
| 18 | 51·5 | 48·5 | 51·0 | 37·3 | 19·5 | 25·4 | 37·0 | 28·2 | 30 | 9 | 20 | 7·2 | 4·4 | 5·8 | 0 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 12·6 |
| 19 | 52·2 | 49·9 | 51·3 | 37·0 | 19·5 | 27·6 | 36·6 | 30·0 | 24 | 8 | 19 | 6·8 | 3·7 | 5·9 | 0 | 0 | 0 | NE | 3 | NE | 3 | N | 4 | — | 13·6 |
| 20 | 52·8 | 49·4 | 50·7 | 34·7 | 19·5 | 24·6 | 34·0 | 29·2 | 26 | 6 | 15 | 6·0 | 2·2 | 4·6 | 0 | 0 | 0 | NE | 3 | N | 3 | N | 3 | — | 12·4 |
| 21 | 52·7 | 49·4 | 51·8 | 34·6 | 19·6 | 24·6 | 33·8 | 24·4 | 26 | 18 | 29 | 6·0 | 7·3 | 6·4 | 0 | 0 | 0 | NE | 2 | N | 2 | NE | 3 | — | 11·8 |
| 22 | 53·2 | 50·6 | 51·8 | 34·5 | 19·2 | 24·4 | 33·6 | 28·2 | 25 | 12 | 20 | 5·6 | 4·6 | 5·8 | 0 | 0 | 0 | NNE | 2 | N | 4 | N | 3 | — | 11·6 |
| 23 | 53·7 | 51·7 | 53·0 | 33·5 | 17·2 | 23·8 | 32·4 | 28·6 | 20 | 11 | 11 | 4·3 | 3·8 | 3·3 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 11·0 |
| 24 | 53·6 | 51·0 | 52·7 | 31·5 | 18·0 | 21·2 | 31·0 | 28·0 | 30 | 10 | 8 | 5·7 | 3·2 | 2·2 | 0 | 0 | 0 | N | 2 | N | 2 | NW | 3 | — | 11·2 |
| 25 | 54·0 | 51·5 | 53·0 | 29·8 | 16·5 | 21·4 | 29·2 | 25·2 | 31 | 13 | 24 | 5·8 | 4·1 | 5·7 | 0 | 0 | 0 | N | 2 | N | 3 | N | 3 | — | 9·4 |
| 26 | 54·1 | 51·5 | 52·7 | 29·8 | 14·0 | 21·2 | 29·4 | 28·4 | 29 | 18 | 11 | 5·4 | 5·4 | 3·2 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 10·0 |
| 27 | 53·9 | 51·5 | 52·1 | 29·8 | 15·2 | 21·4 | 29·6 | 25·6 | 29 | 28 | 24 | 5·5 | 8·6 | 5·7 | 0 | 0 | 0 | NNE | 4 | N | 3 | N | 2 | — | 11·0 |
| 28 | 53·0 | 50·8 | 51·8 | 29·2 | 17·5 | 21·8 | 29·2 | 24·8 | 24 | 17 | 21 | 4·7 | 5·2 | 5·1 | 2 | 1 | 0 | NE | 2 | N | 3 | N | 2 | — | 10·2 |
| 29 | 53·5 | 51·6 | 52·7 | 28·4 | 16·0 | 18·0 | 28·2 | 24·2 | 44 | 18 | 22 | 6·8 | 5·2 | 5·0 | 0 | 0 | 0 | NE | 2 | NW | 2 | N | 3 | — | 8·4 |
| 30 | 53·8 | 52·7 | 53·2 | 28·5 | 14·5 | 21·0 | 26·2 | 23·4 | 26 | 26 | 36 | 4·7 | 6·4 | 7·9 | 0 | 0 | 0 | N | 2 | N | 3 | N | 3 | — | 7·4 |
| 31 | 52·8 | 50·5 | 51·1 | 29·7 | 15·0 | 21·0 | 28·8 | 25·4 | 41 | 18 | 27 | 7·6 | 5·4 | 6·4 | 0 | 0 | 0 | N | 3 | NW | 2 | N | 4 | — | 9·8 |
| Month | 51·90 | 49·44 | 50·42 | 35·4 | 19·4 | 25·2 | 34·7 | 29·4 | 29 | 15 | 20 | 7·0 | 6·1 | 6·2 | 0·1 | 0·0 | 0·0 | — | 2·5 | — | 2·5 | — | 2·7 | — | 11·67 |

**Remarks:—**

# ASWAN.

$\varphi = 24° 2' 25''$ N. $\lambda = 32° 52' 40''$ E. H = 99·6 m. $h_t = 1·3$ m.

$C_h$ = + 9 mm. **November 1913.**

| Date | Standard Pressure (mm) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52·4 | 50·8 | 51·4 | 30·3 | 17·5 | 20·8 | 29·6 | 25·6 | 41 | 22 | 27 | 7·5 | 6·7 | 6·5 | 0 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 10·0 |
| 2 | 53·3 | 51·6 | 52·5 | 29·4 | 17·6 | 21·2 | 29·2 | 25·0 | 42 | 22 | 22 | 7·8 | 6·7 | 5·2 | 2 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 10·6 |
| 3 | 53·8 | 51·3 | 52·2 | 29·5 | 16·5 | 20·2 | 29·0 | 24·0 | 39 | 19 | 21 | 6·8 | 5·6 | ·8 | 0 | 0 | 0 | N | 2 | N | 2 | NNE | 3 | — | 11·2 |
| 4 | 53·5 | 51·1 | 51·3 | 28·4 | 16·0 | 20·0 | 28·2 | 23·4 | 41 | 19 | 22 | 7·2 | 5·5 | 4·6 | 0 | 0 | 0 | NE | 3 | N | 3 | N | 3 | — | 9·4 |
| 5 | 53·3 | 51·3 | 53·0 | 27·4 | 15·5 | 18·6 | 26·4 | 22·4 | 42 | 22 | 30 | 6·7 | 5·5 | 6·0 | 0 | 0 | 0 | N | 2 | NW | 2 | NNW | 3 | — | 9·0 |
| 6 | 54·9 | 52·7 | 53·5 | 25·5 | 12·2 | 17·0 | 24·5 | 22·0 | 45 | 30 | 29 | 6·4 | 6·9 | 5·7 | 0 | 0 | 0 | NNW | 2 | NW | 3 | NW | 3 | — | 7·4 |
| 7 | 55·0 | 52·4 | 54·0 | 26·7 | 13·5 | 18·0 | 26·0 | 22·2 | 46 | 26 | 29 | 7·1 | 6·3 | 5·8 | 0 | 0 | 0 | N | 3 | NNW | 3 | N | 2 | — | 7·0 |
| 8 | 55·0 | 52·2 | 53·6 | 28·2 | 12·5 | 17·0 | 27·4 | 23·6 | 55 | 22 | 23 | 7·9 | 6·0 | 5·0 | 0 | 3 | 3 | NE | 2 | N | 3 | NW | 3 | — | 8·6 |
| 9 | 54·6 | 51·8 | 52·9 | 29·0 | 15·0 | 20·4 | 28·0 | 23·8 | 31 | 21 | 25 | 5.6 | 5·9 | 5·4 | 3 | 3 | 2 | N | 2 | NW | 3 | N | 2 | — | 9·2 |
| 10 | 54·4 | 51·3 | 52·9 | 29·6 | 14·0 | 20·0 | 28·7 | 23·0 | 38 | 24 | 30 | 6·6 | 7·0 | 6·2 | 0 | 0 | 0 | NNW | 2 | N | 2 | NW | 2 | — | 8·6 |
| 11 | 54·3 | 52·1 | 53·1 | 28·8 | 13·5 | 18·8 | 28·0 | 22·4 | 46 | 23 | 28 | 7·4 | 6·5 | 5·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 9·0 |
| 12 | 54·3 | 51·2 | 51·9 | 29·4 | 13·0 | 18·8 | 28·2 | 23·5 | 43 | 29 | 17 | 6·8 | 8·2 | 3·7 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 9·0 |
| 13 | 54·2 | 51·7 | 52·9 | 28·5 | 12·5 | 17·2 | 27.4 | 23·2 | 43 | 15 | 17 | 6·3 | 4·0 | 3·7 | 0 | 0 | 0 | NE | 4 | N | 3 | NW | 3 | — | 7·2 |
| 14 | 54·4 | 51·9 | 52·9 | 31·5 | 13·2 | 17·4 | 29·4 | 24·4 | 44 | 22 | 16 | 6·4 | 6·8 | 3·7 | 0 | 0 | 0 | N | 4 | SW | 2 | NW | 3 | — | 7·0 |
| 15 | 53·8 | 51·4 | 52·7 | 32·2 | 14·0 | 18·4 | 28·6 | 24·2 | 44 | 32 | 19 | 6·8 | 9·5 | 4·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 4 | — | 6·4 |
| 16 | 53·3 | 51·6 | 52·7 | 28·5 | 14·2 | 20·2 | 27·0 | 22·4 | 34 | 34 | 22 | 6·0 | 8·9 | 4·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 4 | — | 6·2 |
| 17 | 54·2 | 51·7 | 53·0 | 26·6 | 12·2 | 17·2 | 25·2 | 21·4 | 36 | 24 | 25 | 5·3 | 5·7 | 4·8 | 0 | 0 | 0 | N | 3 | NNW | 4 | NW | 4 | — | 8·2 |
| 18 | 53·9 | 51·3 | 52·1 | 26·0 | 13·4 | 18·2 | 24·4 | 21·0 | 38 | 38 | 30 | 6·0 | 8·7 | 5·5 | 5 | 8 | 5 | N | 3 | N | 3 | N | 4 | — | 8·0 |
| 19 | 56·8 | 52·8 | 53·6 | 31·5 | 15·4 | 20·4 | 30·0 | 25·2 | 39 | 32 | 19 | 6·9 | 10·3 | 4·6 | 8 | 8 | 5 | N | 3 | NW | 2 | N | 3 | — | 7·2 |
| 20 | 53·8 | 51·4 | 53·2 | 28·5 | 15·2 | 21·2 | 27·4 | 21·4 | 30 | 31 | 32 | 5·7 | 8·4 | 6·1 | 8 | 5 | 5 | N | 3 | NW | 5 | N | 4 | — | 8·5 |
| 21 | 54·7 | 52·9 | 53·8 | 26·6 | 13·0 | 17·2 | 25·0 | 21·0 | 36 | 30 | 30 | 5·3 | 6·9 | 5·5 | 5 | 8 | 5 | N | 4 | N | 4 | NW | 3 | — | 9·4 |
| 22 | 53·9 | 51·9 | 52·8 | 27·5 | 13·5 | 17·2 | 25·5 | 21·4 | 43 | 26 | 26 | 6·3 | 6·3 | 5·0 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 8·4 |
| 23 | 54·2 | 51·5 | 52·9 | 27·0 | 13·2 | 17·4 | 25·6 | 21·2 | 42 | 22 | 26 | 6·2 | 5·4 | 4·9 | 0 | 0 | 0 | N | 3 | NW | 3 | NNW | 3 | — | 6·5 |
| 24 | 55·2 | 52·7 | 54·0 | 25·2 | 12·5 | 16·2 | 24·4 | 20·4 | 42 | 26 | 24 | 5·7 | 5·9 | 4·4 | 0 | 0 | 0 | NW | 3 | N | 3 | NW | 3 | — | 7·0 |
| 25 | 55·5 | 53·1 | 54·0 | 24·5 | 11·4 | 14·4 | 23·0 | 19.4 | 48 | 31 | 22 | 5·8 | 6·4 | 3·7 | 0 | 0 | 0 | N | 3 | NE | 4 | NW | 3 | — | 7·2 |
| 26 | 54·5 | 52·0 | 52·8 | 27·2 | 12·4 | 15·2 | 25·0 | 19·4 | 51 | 24 | 31 | 6·5 | 5·8 | 5·2 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 5·2 |
| 27 | 54·3 | 51·3 | 52·1 | 25.0 | 11·6 | 14.6 | 23·2 | 19·5 | 53 | 30 | 29 | 6·6 | 6·3 | 4·9 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 7·2 |
| 28 | 53·8 | 50·9 | 51·9 | 25·2 | 10·2 | 14·2 | 23·0 | 19·2 | 49 | 26 | 22 | 5·9 | 5·4 | 3·6 | 0 | 0 | 0 | NW | 3 | N | 3 | NW | 3 | — | 6·5 |
| 29 | 51·9 | 49·9 | 51·0 | 26·0 | 10·2 | 14·2 | 24·2 | 20·4 | 47 | 16 | 12 | 5·7 | 3·6 | 2·3 | 5 | 5 | 5 | N | 3 | NW | 3 | N | 4 | — | 5·2 |
| 30 | 52·5 | 50·3 | 51·3 | 25·2 | 10·5 | 13.8 | 23·5 | 19·4 | 51 | 23 | 22 | 5·9 | 4·8 | 3·7 | 0 | 8 | 5 | N | 3 | NW | 3 | NW | 3 | — | 6·4 |
| Month | 54·12 | 51·67 | 52·75 | 27.8 | 13·5 | 17·8 | 26·5 | 22·2 | 43 | 25 | 24 | 6·4 | 6·5 | 4·8 | 1·2 | 1·6 | 1·2 | — | 2·9 | — | 3·0 | — | 3·1 | — | 7·89 |

**Remarks :**—8 ⊕.—9 ⊕.—18 ⊕.—19 ⊕.—20 ⊕.—21 ⊕.—29 ⊕.—30 ⊕.

$C_h$ = + 9 mm. **December 1913.**

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52·8 | 50·4 | 51·3 | 30·2 | 11·4 | 14·2 | 25·6 | 20·2 | 57 | 27 | 25 | 6·9 | 6·5 | 4·5 | 10 | 8 | 5 | N | 3 | W | 3 | NW | 4 | — | 6·0 |
| 2 | 52·3 | 50·2 | 51·0 | 30·0 | 14·2 | 18·2 | 28·0 | 22·4 | 47 | 36 | 28 | 7·2 | 10·2 | 5·7 | 8 | 5 | 5 | N | 3 | NW | 4 | NW | 3 | — | 6·2 |
| 3 | 54·1 | 53·1 | 53·8 | 25·6 | 14·4 | 19·2 | 23·6 | 19·4 | 40 | 31 | 40 | 6·6 | 6·8 | 6·8 | 8 | 1 | 5 | NE | 5 | NE | 6 | N | 4 | — | 9·2 |
| 4 | 55·3 | 52·9 | 54·4 | 24·0 | 13·5 | 17·2 | 22·6 | 18·2 | 36 | 26 | 38 | 5·3 | 5·3 | 6·0 | 8 | 5 | 5 | N | 4 | NW | 4 | N | 4 | — | 7·2 |
| 5 | 56·4 | 54·2 | 55·1 | 22·5 | 11·2 | 14·2 | 21·0 | 18·4 | 49 | 37 | 28 | 5·9 | 6·9 | 4·3 | 0 | 0 | 0 | N | 3 | NNW | 4 | NW | 3 | — | 8·4 |
| 6 | 55·3 | 52·7 | 53·5 | 24·4 | 9·4 | 12·4 | 23·0 | 19·5 | 45 | 7 | 9 | 4·8 | 1·5 | 1·4 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 6·4 |
| 7 | 53·8 | 51·9 | 53·3 | 22·5 | 10·2 | 14·2 | 20·8 | 17·2 | 47 | 31 | 28 | 5·7 | 5·6 | 4·1 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 3 | — | 5·4 |
| 8 | 54·6 | 52·1 | 53·1 | 19·6 | 9·2 | 12·2 | 18·2 | 15·4 | 45 | 38 | 27 | 4·8 | 6·0 | 3·6 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 6·4 |
| 9 | 53·7 | 51·1 | 52·2 | 22·5 | 8·2 | 11·4 | 20·4 | 15·2 | 39 | 31 | 20 | 4·0 | 5·6 | 2·6 | 0 | 0 | 0 | N | 3 | SW | 3 | NW | 3 | — | 7·0 |
| 10 | 52·6 | 50·5 | 51·6 | 24·0 | 9·2 | 12·2 | 22·2 | 16·5 | 43 | 31 | 24 | 4·6 | 6·1 | 3·4 | 0 | 0 | 0 | NW | 3 | W | 3 | N | 3 | — | 8·2 |
| 11 | 53·9 | 51·3 | 53·2 | 21·5 | 10·2 | 13·5 | 20·0 | 15·6 | 36 | 26 | 28 | 4·1 | 4·6 | 3·7 | 10 | 5 | 8 | SW | 3 | NW | 3 | N | 3 | — | 7·4 |
| 12 | 54·8 | 52·3 | 53·4 | 21·0 | 8·4 | 12·4 | 19·2 | 15·0 | 42 | 37 | 26 | 4·5 | 6·1 | 3·3 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 6·4 |
| 13 | 54·8 | 52·3 | 53·6 | 22·2 | 8·4 | 11·2 | 20·4 | 16·6 | 43 | 20 | 13 | 4·3 | 3·6 | 1·9 | 0 | 0 | 0 | NW | 3 | NW | 3 | NW | 3 | — | 6·0 |
| 14 | 54·8 | 52·5 | 53·8 | 22·0 | 9·0 | 12·2 | 21·0 | 17·0 | 45 | 27 | 19 | 4·8 | 5·0 | 2·8 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 5·0 |
| 15 | 55·0 | 52·9 | 53·7 | 20·2 | 8·0 | 11·2 | 18·5 | 15·0 | 41 | 27 | 25 | 4·1 | 4·3 | 3·1 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 4 | — | 5·4 |
| 16 | 54·8 | 52·6 | 53·5 | 20·0 | 8·0 | 11·4 | 18·4 | 14·2 | 39 | 31 | 26 | 4·0 | 4·8 | 3·2 | 0 | 0 | 0 | N | 3 | NNW | 3 | NW | 3 | — | 7·0 |
| 17 | 56·6 | 54·6 | 55·9 | 19·0 | 8·0 | 11·4 | 17·6 | 14·0 | 39 | 32 | 32 | 4·0 | 4·8 | 3·7 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 6·5 |
| 18 | 58·4 | 55·7 | 56·8 | 18·4 | 6·5 | 9·4 | 16·4 | 12·0 | 39 | 25 | 27 | 3·5 | 3·5 | 2·8 | 8 | 5 | 5 | N | 3 | NW | 3 | NW | 3 | — | 6·2 |
| 19 | 58·8 | 55·8 | 56·7 | 20·2 | 7·0 | 10·2 | 19·2 | 15·0 | 39 | 22 | 15 | 3·6 | 3·6 | 1·8 | 0 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 7·0 |
| 20 | 58·2 | 55·3 | 56·6 | 21·4 | 7·6 | 10·2 | 19·2 | 15·2 | 53 | 37 | 20 | 4·9 | 6·1 | 2·6 | 0 | 0 | 0 | N | 3 | NNW | 3 | NW | 3 | — | 8·2 |
| 21 | 59·2 | 55·8 | 56·8 | 21·5 | 7·0 | 10·2 | 19·0 | 16·2 | 39 | 18 | 9 | 3·6 | 3·0 | 1·2 | 0 | 0 | 0 | N | 3 | NW | 3 | N | 3 | — | 6·5 |
| 22 | 58·0 | 55·4 | 56·7 | 20·5 | 9·0 | 11·4 | 18·4 | 14·2 | 50 | 30 | 37 | 5·1 | 4·7 | 4·5 | 0 | 0 | 0 | N | 3 | NW | 4 | NW | 3 | — | 5·4 |
| 23 | 59·2 | 57·0 | 57·9 | 21·0 | 7·6 | 10·4 | 19·0 | 15·4 | 37 | 18 | 19 | 3·5 | 3·0 | 2·4 | 0 | 0 | 0 | N | 3 | N | 3 | NE | 3 | — | 8·0 |
| 24 | 61·8 | 58·8 | 59·7 | 23·0 | 7·4 | 10·2 | 20·4 | 15·6 | 41 | 16 | 13 | 3·8 | 2·9 | 1·6 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 4 | — | 8·5 |
| 25 | 60·2 | 56·5 | 57·9 | 24·2 | 8·0 | 11·2 | 22·0 | 16·5 | 43 | 25 | 14 | 4·3 | 4·9 | 2·0 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 3 | — | 6·4 |
| 26 | 58·8 | 55·3 | 56·7 | 25·0 | 9·4 | 11·2 | 22·6 | 18·0 | 54 | 22 | 15 | 5·4 | 4·5 | 2·2 | 0 | 0 | 0 | NE | 3 | N | 3 | NW | 3 | — | 7·4 |
| 27 | 58·0 | 54·5 | 56·5 | 25·0 | 9·4 | 11·4 | 23·4 | 19·2 | 50 | 23 | 15 | 5·1 | 4·8 | 2·4 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 4 | — | 7·0 |
| 28 | 56·8 | 54·2 | 54·7 | 24·2 | 10·2 | 12·4 | 23·0 | 19·4 | 44 | 21 | 15 | 4·7 | 4·3 | 2·5 | 0 | 0 | 0 | N | 3 | N | 4 | NW | 4 | — | 6·4 |
| 29 | 56·4 | 53·4 | 54·8 | 27·5 | 8·4 | 10·4 | 25·2 | 20·0 | 39 | 27 | 21 | 3·7 | 6·5 | 3·6 | 0 | 0 | 0 | N | 3 | NW | 4 | N | 3 | — | 6·2 |
| 30 | 56·2 | 53·4 | 54·3 | 28·6 | 9·4 | 12·2 | 25·4 | 20·4 | 43 | 21 | 6 | 4·6 | 5·0 | 1·0 | 0 | 0 | 0 | NE | 3 | NW | 3 | NW | 3 | — | 8·4 |
| 31 | 56·7 | 54·0 | 55·5 | 30·0 | 10·2 | 13·2 | 28·0 | 21·2 | 37 | 14 | 8 | 4·2 | 4·0 | 1·6 | 0 | 0 | 0 | NE | 4 | SW | 3 | NW | 3 | — | 7·0 |
| Month | 56·20 | 53·64 | 54·77 | 23·3 | 9·3 | 12·3 | 21·3 | 17·0 | 43 | 26 | 22 | 4·7 | 5·0 | 3·1 | 1·7 | 0·9 | 1·1 | — | 3·1 | — | 3·3 | — | 3·2 | — | 6·86 |

**Remarks :**—1 ⊕.—2 ⊕.—3 ⊕.—4 ⊕.—11 ⊕.—18 ⊕.

# WADI HALFA.

$\varphi = 21° 54' 49''$ N. $\lambda = 31° 19' 3''$ E. H = 128·3 m. $h_t = 1·7$ m.

$C_h = +12$ mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 56·0 | 53·9 | 53·9 | 22·0 | 6·6 | 10·2 | 20·6 | 14·6 | 70 | 38 | 50 | 6·5 | 6·8 | 6·1 | 0 | 0 | 0 | NNE | 3 | N | 3 | N | 2 | — | 9·0 |
| 2 | 55·6 | 53·3 | 53·9 | 21·0 | 7·6 | 11·1 | 19·6 | 15·0 | 70 | 38 | 49 | 7·0 | 6·4 | 6·1 | 0 | 0 | 0 | N | 2 | N | 2 | N | 4 | — | 9·0 |
| 3 | 54·5 | 52·6 | 52·8 | 21·2 | 6·2 | 10·2 | 19·4 | 15·3 | 60 | 28 | 86 | 5·6 | 4·7 | 11·1 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 7·0 |
| 4 | 53·4 | 51·9 | 52·9 | 23·2 | 4·2 | 10·8 | 21·7 | 16·0 | 58 | 32 | 41 | 5·7 | 6·1 | 5·5 | 0 | 0 | 0 | N | 1 | N | 2 | N | 2 | — | 7·0 |
| 5 | 54·0 | 51·3 | 51·5 | 24·4 | 7·4 | 10·8 | 23·0 | 16·8 | 63 | 32 | 55 | 6·1 | 6·7 | 7·8 | 0 | 0 | 0 | ENE | 1 | NNE | 2 | N | 1 | — | 6·0 |
| 6 | 51·2 | 48·1 | 48·8 | 28·0 | 9·1 | 12·8 | 25·6 | 20·6 | 59 | 38 | 56 | 6·5 | 9·2 | 10·1 | 8 | 7 | 0 | NNE | 1 | NNW | 1 | N | 1 | — | 6·0 |
| 7 | 49·3 | 48·8 | 49·7 | 26·2 | 10·2 | 15·0 | 25·4 | 18·2 | 62 | 32 | 38 | 7·9 | 7·8 | 6·0 | 0 | 0 | 0 | N | 1 | NNE | 4 | N | 4 | — | 7·0 |
| 8 | 53·2 | 50·0 | 53·5 | 19·1 | 9·0 | 11·6 | 18·8 | 13·4 | 64 | 70 | 48 | 6·6 | 11·2 | 5·5 | 0 | 0 | 0 | N | 2 | N | 3 | NNW | 3 | — | 7·0 |
| 9 | 55·2 | 47·6 | 48·5 | 20·6 | 6·0 | 9·8 | 19·2 | 14·0 | 62 | 28 | 41 | 5·6 | 4·6 | 4·9 | 0 | 0 | 0 | N | 2 | NNE | 3 | N | 1 | — | 7·0 |
| 10 | 54·1 | 51·6 | 51·9 | 23·6 | 6·3 | 10·7 | 22·6 | 16·8 | 42 | 21 | 46 | 4·1 | 4·3 | 6·5 | 0 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 7·0 |
| 11 | 51·3 | 49·8 | 49·8 | 27·0 | 6·1 | 11·8 | 26·0 | 18·4 | 40 | 19 | 26 | 4·2 | 4·6 | 4·1 | 0 | 0 | 0 | NNE | 1 | NNE | 1 | NNW | 1 | — | 8·0 |
| 12 | 51·7 | 50·8 | 50·9 | 23·4 | 8·8 | 13·4 | 22·0 | 17·6 | 54 | 22 | 21 | 6·2 | 4·4 | 3·2 | 0 | 3 | 3 | N | 1 | N | 3 | N | 3 | — | 9·0 |
| 13 | 52·9 | 50·9 | 52·3 | 23·4 | 6·6 | 12·0 | 21·6 | 17·0 | 44 | 22 | 34 | 4·6 | 4·1 | 4·9 | 5 | 4 | 3 | N | 1 | NNE | 3 | N | 2 | — | 11·0 |
| 14 | 54·4 | 52·9 | 52·9 | 22·8 | 10·0 | 11·8 | 21·2 | 15·6 | 58 | 26 | 39 | 6·0 | 4·9 | 5·1 | 0 | 1 | 0 | NNE | 2 | NNE | 3 | N | 1 | — | 8·0 |
| 15 | 52·8 | 50·4 | 51·3 | 24·2 | 5·7 | 10·2 | 22·2 | 15·8 | 62 | 28 | 42 | 5·8 | 5·6 | 5·7 | 0 | 2 | 1 | N | 2 | N | 2 | N | 3 | — | 7·0 |
| 16 | 52·7 | 51·4 | 52·5 | 21·6 | 5·4 | 10·8 | 21·2 | 14·2 | 61 | 32 | 43 | 5·9 | 5·9 | 5·2 | 0 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 8·0 |
| 17 | 54·2 | 52·5 | 54·5 | 23·6 | 3·3 | 9·0 | 22·8 | 14·4 | 62 | 28 | 48 | 5·3 | 5·7 | 5·8 | 0 | 0 | 0 | SSE | 2 | NNW | 3 | N | 3 | — | 6·0 |
| 18 | 57·6 | 46·9 | 47·5 | 20·1 | 8·0 | 10·3 | 19·4 | 14·8 | 64 | 37 | 52 | 6·0 | 6·2 | 6·5 | 0 | 0 | 0 | N | 2 | N | 4 | N | 3 | — | 7·0 |
| 19 | 57·4 | 55·3 | 55·5 | 21·6 | 5·0 | 10·1 | 20·9 | 16·2 | 66 | 30 | 42 | 6·1 | 5·6 | 5·7 | 0 | 4 | 0 | E | 1 | N | 3 | N | 2 | — | 7·0 |
| 20 | 55·9 | 53·3 | 53·5 | 22·7 | 8·0 | 10·8 | 21·5 | 16·2 | 61 | 25 | 42 | 5·9 | 4·7 | 5·7 | 1 | 4 | 0 | NNE | 1 | N | 4 | N | 2 | — | 9·0 |
| 21 | 54·4 | 51·9 | 52·9 | 24·8 | 9·6 | 9·8 | 22·8 | 17·8 | 57 | 28 | 39 | 5·2 | 5·7 | 5·9 | 0 | 4 | 0 | N | 1 | N | 3 | N | 1 | — | 9·0 |
| 22 | 53·3 | 51·3 | 51·5 | 26·8 | 7·7 | 11·6 | 24·8 | 19·4 | 55 | 31 | 42 | 5·6 | 7·3 | 7·0 | 0 | 0 | 0 | N | 1 | N | 3 | N | 2 | — | 9·0 |
| 23 | 52·5 | 50·4 | 51·5 | 26·4 | 9·0 | 12·4 | 24·4 | 18·4 | 59 | 33 | 35 | 6·3 | 7·5 | 5·6 | 0 | 0 | 0 | N | 1 | N | 2 | NNW | 3 | — | 9·0 |
| 24 | 53·6 | 52·2 | 53·3 | 23·5 | 9·1 | 11·1 | 23·0 | 17·8 | 51 | 21 | 37 | 5·0 | 4·3 | 5·7 | 0 | 4 | 0 | N | 2 | NNE | 3 | N | 3 | — | 10·0 |
| 25 | 56·0 | 54·9 | 54·3 | 22·6 | 9·2 | 11·8 | 20·8 | 17·2 | 58 | 25 | 36 | 6·0 | 4·6 | 5·3 | 3 | 4 | 0 | N | 3 | N | 3 | N | 2 | — | 10·0 |
| 26 | 55·6 | 53·8 | 53·8 | 23·2 | 8·2 | 10·3 | 21·6 | 16·0 | 57 | 27 | 48 | 5·3 | 5·2 | 6·5 | 0 | 2 | 0 | NNE | 3 | NNE | 3 | N | 1 | — | 8·0 |
| 27 | 54·1 | 51·9 | 51·9 | 24·2 | 7·6 | 10·4 | 23·0 | 15·8 | 50 | 25 | 42 | 4·7 | 5·1 | 5·7 | 1 | 4 | 0 | N | 2 | N | 3 | N | 1 | — | 9·0 |
| 28 | 53·4 | 52·3 | 53·4 | 22·2 | 8·0 | 9·8 | 21·8 | 16·8 | 42 | 18 | 32 | 3·9 | 3·5 | 4·6 | 1 | 3 | 0 | N | 2 | N | 3 | N | 3 | — | 9·0 |
| 29 | 56·2 | 53·3 | 52·7 | 22·6 | 7·2 | 9·8 | 20·8 | 15·0 | 50 | 24 | 32 | 4·5 | 4·4 | 4·0 | 0 | 0 | 0 | NNE | 4 | N | 2 | N | 2 | — | 9·0 |
| 30 | 53·0 | 51·2 | 51·9 | 22·6 | 5·7 | 9·3 | 21·8 | 16·2 | 56 | 24 | 35 | 4·9 | 4·7 | 4·7 | 0 | 0 | 0 | N | 3 | N | 4 | N | 3 | — | 9·0 |
| 31 | 53·1 | 51·4 | 51·8 | 22·6 | 4·4 | 10·0 | 21·8 | 15·6 | 52 | 23 | 37 | 4·8 | 4·5 | 4·8 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 8·0 |
| Month | 53·95 | 51·55 | 52·16 | 23·3 | 7·3 | 11·0 | 22·0 | 16·4 | 57 | 29 | 42 | 5·6 | 5·7 | 5·8 | 0·6 | 1·5 | 0·2 | — | 1·8 | — | 2·7 | — | 2·2 | — | 8·10 |

**Remarks:—**

$C_h = +11$ mm.

## February 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53·6 | 51·4 | 52·2 | 24·0 | 3·8 | 10·3 | 22·8 | 17·9 | 59 | 20 | 27 | 5·5 | 4·2 | 4·1 | 0 | 1 | 0 | SSE | 1 | N | 2 | N | 4 | — | 8·0 |
| 2 | 55·1 | 52·3 | 53·3 | 23·3 | 8·4 | 12·2 | 23·0 | 17·2 | 56 | 29 | 33 | 6·0 | 5·9 | 4·8 | 1 | 3 | 0 | S | 2 | N | 5 | N | 4 | — | 10·0 |
| 3 | 54·1 | 51·3 | 52·0 | 23·3 | 9·0 | 10·9 | 21·8 | 17·2 | 62 | 30 | 39 | 6·0 | 5·8 | 5·8 | 0 | 2 | 0 | N | 3 | N | 2 | N | 2 | — | 8·0 |
| 4 | 51·6 | 49·2 | 50·3 | 24·8 | 6·4 | 11·2 | 24·0 | 17·2 | 42 | 26 | 31 | 4·2 | 5·8 | 4·6 | 3 | 0 | 0 | N | 2 | N | 1 | N | 4 | — | 9·0 |
| 5 | 52·5 | 50·9 | 52·9 | 21·5 | 7·9 | 10·2 | 20·8 | 17·2 | 46 | 37 | 45 | 4·3 | 6·7 | 6·5 | 0 | 0 | 0 | N | 2 | N | 3 | N | 4 | — | 8·0 |
| 6 | 53·7 | 52·1 | 53·5 | 21·0 | 8·0 | 10·2 | 19·2 | 15·6 | 55 | 37 | 44 | 5·1 | 6·1 | 5·8 | 0 | 3 | 0 | N | 2 | N | 4 | N | 2 | — | 10·0 |
| 7 | 54·7 | 52·6 | 53·4 | 24·5 | 8·0 | 10·8 | 24·0 | 17·6 | 56 | 21 | 39 | 5·4 | 4·8 | 5·8 | 0 | 0 | 0 | N | 2 | N | 3 | N | 1 | — | 9·0 |
| 8 | 54·9 | 52·3 | 52·5 | 24·2 | 6·8 | 11·8 | 23·6 | 17·2 | 58 | 24 | 45 | 6·0 | 5·3 | 6·5 | 0 | 0 | 0 | N | 2 | N | 2 | N | 1 | — | 8·0 |
| 9 | 52·3 | 50·1 | 50·3 | 25·4 | 5·7 | 11·8 | 24·4 | 18·8 | 49 | 23 | 27 | 5·1 | 5·3 | 4·3 | 0 | 0 | 0 | N | 1 | N | 2 | N | 1 | — | 7·0 |
| 10 | 51·3 | 49·8 | 49·4 | 25·0 | 7·3 | 12·3 | 24·0 | 19·2 | 43 | 15 | 22 | 4·6 | 3·4 | 3·6 | 0 | 0 | 1 | NNE | 1 | N | 2 | N | 3 | — | 10·0 |
| 11 | 51·7 | 50·9 | 51·9 | 21·8 | 9·1 | 12·1 | 21·4 | 16·4 | 46 | 35 | 53 | 4·9 | 6·6 | 7·3 | 0 | 7 | 0 | N | 2 | N | 3 | N | 2 | — | 7·0 |
| 12 | 50·6 | 49·9 | 48·5 | 20·3 | 10·8 | 13·4 | 19·8 | 17·6 | 56 | 43 | 45 | 6·4 | 7·3 | 6·8 | 9 | 10 | 10 | N | 1 | N | 1 | N | 1 | — | 6·0 |
| 13 | 46·4 | 54·6 | 53·4 | 26·6 | 13·0 | 16·4 | 26·0 | 21·0 | 42 | 22 | 31 | 5·8 | 5·4 | 5·8 | 5 | 10 | 10 | N | 1 | SSE | 2 | N | 3 | — | 10·0 |
| 14 | 44·5 | 44·5 | 47·7 | 22·6 | 16·2 | 19·8 | 19·0 | 14·2 | 39 | 48 | 57 | 6·8 | 7·8 | 6·9 | 10 | 8 | 10 | NNW | 2 | N | 5 | N | 4 | — | 5·0 |
| 15 | 51·0 | 49·9 | 52·6 | 15·0 | 11·4 | 13·0 | 14·6 | 12·0 | 90 | 52 | 79 | 10·0 | 6·4 | 8·2 | 10 | 10 | 10 | NNE | 2 | N | 2 | N | 1 | — | 4·0 |
| 16 | 53·2 | 51·4 | 51·7 | 16·6 | 10·0 | 11·0 | 15·8 | 13·2 | 90 | 63 | 80 | 8·8 | 8·4 | 9·0 | 10 | 4 | 6 | N | 2 | N | 2 | N | 1 | — | 4·0 |
| 17 | 51·7 | 52·0 | 51·9 | 21·8 | 4·8 | 9·2 | 21·6 | 16·6 | 95 | 25 | 62 | 8·2 | 4·9 | 8·7 | 0 | 0 | 0 | NNE | 2 | N | 2 | N | 1 | — | 6·0 |
| 18 | 54·4 | 52·6 | 52·4 | 19·3 | 5·0 | 10·2 | 19·0 | 14·8 | 50 | 20 | 43 | 4·7 | 3·2 | 5·3 | 2 | 4 | 2 | N | 2 | N | 2 | N | 2 | — | 7·0 |
| 19 | 54·5 | 52·5 | 53·6 | 20·8 | 4·2 | 9·8 | 19·2 | 14·8 | 56 | 28 | 41 | 5·0 | 4·6 | 5·1 | 0 | 0 | 0 | N | 2 | N | 3 | N | 1 | — | 8·0 |
| 20 | 55·2 | 52·9 | 52·3 | 22·2 | 6·7 | 11·0 | 20·8 | 16·8 | 61 | 24 | 37 | 6·0 | 4·4 | 5·3 | 0 | 2 | 0 | N | 2 | NNE | 2 | N | 1 | — | 8·0 |
| 21 | 54·1 | 47·9 | 51·9 | 26·3 | 6·7 | 12·8 | 25·2 | 19·4 | 55 | 17 | 39 | 6·1 | 4·0 | 6·5 | 3 | 1 | 0 | N | 2 | NNE | 3 | N | 1 | — | 9·0 |
| 22 | 51·9 | 49·8 | 50·0 | 29·6 | 6·8 | 12·8 | 27·4 | 20·8 | 57 | 19 | 35 | 6·3 | 5·1 | 6·4 | 0 | 0 | 0 | N | 1 | E | 1 | N | 1 | — | 9·0 |
| 23 | 50·0 | 48·4 | 47·1 | 33·4 | 7·6 | 15·2 | 32·0 | 23·0 | 58 | 17 | 32 | 7·5 | 6·2 | 6·7 | 0 | 1 | 0 | E | 1 | S | 2 | N | 1 | — | 8·0 |
| 24 | 49·1 | 48·2 | 49·6 | 29·4 | 9·8 | 19·8 | 28·6 | 21·2 | 43 | 20 | 26 | 7·3 | 5·8 | 4·9 | 0 | 0 | 0 | S | 1 | N | 3 | N | 4 | — | 13·0 |
| 25 | 52·4 | 51·5 | 51·4 | 26·2 | 12·2 | 15·5 | 24·6 | 17·8 | 37 | 17 | 27 | 4·8 | 3·9 | 4·2 | 2 | 0 | 0 | NNE | 3 | N | 3 | N | 1 | — | 12·0 |
| 26 | 53·6 | 51·4 | 52·2 | 24·1 | 6·8 | 13·9 | 23·4 | 16·2 | 42 | 21 | 42 | 4·9 | 4·3 | 5·7 | 0 | 2 | 0 | N | 3 | N | 4 | N | 3 | — | 11·0 |
| 27 | 53·7 | 51·0 | 51·3 | 25·0 | 8·2 | 12·6 | 23·6 | 18·2 | 46 | 22 | 32 | 5·0 | 4·7 | 4·9 | 0 | 2 | 0 | N | 3 | NNE | 3 | N | 3 | — | 11·0 |
| 28 | 52·3 | 50·1 | 50·3 | 27·4 | 7·3 | 12·4 | 25·4 | 19·6 | 52 | 18 | 27 | 5·6 | 4·2 | 4·6 | 0 | 0 | 0 | N | 1 | NNE | 2 | N | 1 | — | 12·0 |
| Month | 52·29 | 50·77 | 51·41 | 23·8 | 8·1 | 12·6 | 22·7 | 17·5 | 55 | 28 | 41 | 5·9 | 5·4 | 5·9 | 2·0 | 2·5 | 1·8 | — | 1·8 | — | 2·5 | — | 2·1 | — | 8·46 |

**Remarks:**—2 Haboob 10h–14h.—14 ●° from 18h.—15 ●° all day.—16 ●° till 8h.

# WADI HALFA.

$\varphi = 21° 54' 49''$ N. $\lambda = 31° 19' 3''$ E. H = 128·3 m. $h_t = 1·7$ m.

$C_h$ = + 11 mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direpct. | Force | 20 h Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 51·1 | 49·4 | 48·7 | 28·1 | 10·4 | 13·4 | 27·2 | 20·8 | 60 | 20 | 31 | 6·9 | 5·3 | 5·6 | 0 | 0 | 0 | NNE | 1 | N | 1 | N | 1 | — | 9·0 |
| 2 | 48·6 | 46·1 | 47·6 | 33·6 | 9·0 | 15·1 | 32·4 | 24·2 | 46 | 15 | 28 | 5·8 | 5·6 | 6·3 | 0 | 3 | 0 | WSW | 2 | N | 1 | N | 1 | — | 9·0 |
| 3 | 46·9 | 45·2 | 47·9 | 31·7 | 11·6 | 19·4 | 30·9 | 22·8 | 34 | 17 | 26 | 5·7 | 5·6 | 5·5 | 0 | 3 | 0 | SW | 1 | N | 4 | N | 4 | — | 15·0 |
| 4 | 52·6 | 50·5 | 52·4 | 19·2 | 13·3 | 14·6 | 18·4 | 14·2 | 40 | 26 | 35 | 5·0 | 4·1 | 4·3 | 0 | 0 | 0 | N | 6 | N | 5 | N | 5 | — | 11·0 |
| 5 | 54·4 | 52·7 | 48·9 | 19·5 | 6·6 | 9·5 | 16·6 | 13·2 | 44 | 28 | 45 | 3·9 | 4·0 | 5·1 | 6 | 4 | 0 | NNE | 5 | N | 4 | N | 4 | — | 9·0 |
| 6 | 55·7 | 54·9 | 54·5 | 18·5 | 6·2 | 9·0 | 17·4 | 13·6 | 62 | 24 | 30 | 5·3 | 3·5 | 3·5 | 3 | 4 | 0 | N | 1 | NNW | 4 | N | 2 | — | 8·0 |
| 7 | 56·4 | 50·0 | 54·0 | 20·7 | 5·8 | 10·2 | 19·2 | 15·8 | 44 | 29 | 39 | 4·1 | 4·8 | 5·2 | 0 | 0 | 0 | NNE | 1 | N | 4 | N | 2 | — | 8·0 |
| 8 | 56·0 | 53·3 | 52·8 | 23·4 | 9·6 | 12·2 | 22·0 | 17·6 | 52 | 26 | 34 | 5·5 | 5·2 | 5·1 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | N | 3 | — | 8·0 |
| 9 | 54·6 | 52·6 | 52·7 | 21·7 | 9·3 | 13·6 | 20·4 | 16·2 | 38 | 23 | 35 | 4·4 | 4·1 | 4·7 | 0 | 0 | 0 | NNE | 3 | NNW | 3 | N | 2 | — | 9·0 |
| 10 | 54·6 | 51·5 | 51·7 | 23·5 | 8·3 | 12·0 | 22·6 | 17·5 | 43 | 20 | 30 | 4·5 | 4·0 | 4·4 | 0 | 0 | 0 | NNW | 3 | N | 3 | N | 3 | — | 9·0 |
| 11 | 53·3 | 51·5 | 50·7 | 25·4 | 8·8 | 12·8 | 23·2 | 18·0 | 40 | 20 | 36 | 4·5 | 4·2 | 5·5 | 2 | 1 | 0 | N | 4 | N | 1 | N | 1 | — | 8·0 |
| 12 | 51·8 | 50·9 | 51·7 | 25·7 | 8·1 | 13·3 | 24·8 | 19·2 | 44 | 15 | 26 | 5·1 | 3·5 | 4·3 | 0 | 3 | 0 | N | 1 | NNW | 2 | N | 4 | — | 9·0 |
| 13 | 54·7 | 53·2 | 53·6 | 23·1 | 11·6 | 16·0 | 22·4 | 17·0 | 39 | 21 | 34 | 5·3 | 4·1 | 4·9 | 0 | 0 | 0 | N | 3 | NNE | 4 | N | 3 | — | 11·0 |
| 14 | 54·9 | 52·2 | 52·3 | 25·1 | 10·1 | 13·4 | 22·8 | 17·6 | 45 | 20 | 32 | 5·1 | 4·2 | 4·8 | 0 | 0 | 0 | N | 4 | N | 3 | N | 2 | — | 12·0 |
| 15 | 53·6 | 51·2 | 51·3 | 26·9 | 10·0 | 13·3 | 24·6 | 18·4 | 46 | 24 | 15 | 5·3 | 5·5 | 2·4 | 0 | 4 | 0 | N | 4 | N | 3 | N | 3 | — | 12·0 |
| 16 | 52·9 | 50·4 | 50·5 | 28·0 | 8·4 | 13·1 | 24·8 | 19·2 | 31 | 16 | 29 | 3·5 | 3·7 | 4·8 | 0 | 4 | 3 | N | 3 | N | 3 | N | 2 | — | 13·0 |
| 17 | 51·2 | 48·2 | 47·6 | 28·2 | 9·3 | 13·4 | 27·0 | 21·2 | 30 | 8 | 14 | 3·4 | 2·1 | 2·6 | 0 | 0 | 0 | N | 2 | N | 2 | N | 1 | — | 13·0 |
| 18 | 50·1 | 48·2 | 49·1 | 27·0 | 8·8 | 14·2 | 25·4 | 19·6 | 22 | 14 | 24 | 2·7 | 3·4 | 4·1 | 0 | 0 | 0 | NNE | 1 | N | 3 | N | 3 | — | 13·0 |
| 19 | 52·7 | 50·4 | 50·8 | 26·8 | 9·6 | 13·6 | 24·6 | 19·6 | 34 | 16 | 21 | 4·0 | 3·6 | 3·6 | 0 | 0 | 0 | NNE | 2 | N | 3 | N | 2 | — | 13·0 |
| 20 | 53·6 | 51·0 | 52·7 | 28·7 | 10·0 | 15·0 | 26·2 | 19·4 | 32 | 18 | 27 | 4·0 | 4·5 | 4·5 | 3 | 4 | 0 | N | 4 | N | 4 | N | 3 | — | 14·0 |
| 21 | 54·3 | 50·1 | 50·5 | 27·4 | 11·4 | 15·0 | 26·4 | 20·6 | 34 | 19 | 25 | 4·3 | 4·6 | 4·5 | 0 | 0 | 0 | NNE | 2 | NNE | 4 | N | 3 | — | 14·0 |
| 22 | 51·6 | 49·4 | 49·8 | 28·4 | 12·3 | 16·4 | 26·6 | 21·2 | 36 | 18 | 27 | 5·0 | 4·5 | 5·1 | 0 | 2 | 3 | N | 4 | N | 4 | N | 2 | — | 12·0 |
| 23 | 49·3 | 47·3 | 47·1 | 30·2 | 11·0 | 15·8 | 29·2 | 23·6 | 35 | 18 | 23 | 4·7 | 5·5 | 5·0 | 0 | 1 | 0 | NNE | 1 | NNE | 2 | N | 1 | — | 11·0 |
| 24 | 48·8 | 47·3 | 48·5 | 33·4 | 9·4 | 16·4 | 31·4 | 25·4 | 30 | 15 | 20 | 4·1 | 5·3 | 4·7 | 0 | 0 | 0 | NNE | 1 | E | 2 | N | 1 | — | 12·0 |
| 25 | 48·3 | 47·1 | 47·4 | 34·0 | 10·8 | 18·4 | 32·2 | 25·6 | 29 | 13 | 25 | 4·6 | 4·8 | 6·0 | 0 | 1 | 1 | ENE | 2 | N | 1 | N | 1 | — | 13·0 |
| 26 | 49·9 | 46·9 | 47·1 | 34·7 | 11·2 | 20·0 | 32·4 | 24·6 | 21 | 20 | 16 | 3·6 | 7·2 | 3·6 | 0 | 0 | 0 | NNE | 3 | NNW | 2 | NNW | 3 | — | 14·0 |
| 27 | 48·7 | 46·8 | 46·7 | 34·2 | 14·4 | 19·0 | 31·4 | 26·8 | 18 | 16 | 25 | 3·0 | 5·6 | 6·4 | 0 | 4 | 0 | N | 1 | N | 1 | N | 1 | — | 9·0 |
| 28 | 48·9 | 48·3 | 47·8 | 34·4 | 13·0 | 21·8 | 32·8 | 26·2 | 23 | 14 | 21 | 4·5 | 5·4 | 5·3 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 14·0 |
| 29 | 50·1 | 47·4 | 47·7 | 35·6 | 14·6 | 20·8 | 33·8 | 26·6 | 31 | 13 | 21 | 5·6 | 5·1 | 5·3 | 0 | 0 | 0 | NNE | 1 | N | 1 | N | 2 | — | 11·0 |
| 30 | 49·2 | 47·0 | 47·4 | 38·0 | 15·2 | 22·6 | 35·2 | 28·6 | 32 | 13 | 21 | 6·4 | 5·5 | 6·1 | 0 | 0 | 0 | NNE | 1 | N | 1 | N | 1 | — | 10·0 |
| 31 | 48·2 | 46·9 | 47·3 | 35·2 | 14·6 | 23·2 | 34·8 | 26·4 | 34 | 13 | 27 | 7·1 | 5·7 | 6·9 | 0 | 0 | 0 | E | 1 | N | 1 | N | 4 | — | 13·0 |
| Month | 51·84 | 49·61 | 49·96 | 28·1 | 10·4 | 15·4 | 26·4 | 20·7 | 37 | 18 | 27 | 4·7 | 4·7 | 4·8 | 0·5 | 1·2 | 0·2 | — | 2·4 | — | 2·6 | — | 2·4 | — | 11·16 |

**Remarks** :—3 Haboob from 17h.—4 Haboob all day.—5 Haboob till 8h.

$C_h$ = + 11 mm.

## April 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direpct. | Force | 20 h Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 48·9 | 47·4 | 48·5 | 31·2 | 15·4 | 20·8 | 29·6 | 23·8 | 37 | 15 | 23 | 6·7 | 4·7 | 5·1 | 0 | 0 | 0 | N | 1 | NNE | 3 | N | 2 | — | 11·0 |
| 2 | 49·7 | 47·9 | 47·4 | 35·0 | 11·7 | 20·2 | 33·8 | 27·2 | 30 | 8 | 13 | 5·2 | 2·9 | 3·6 | 0 | 0 | 0 | SW | 2 | N | 2 | N | 1 | — | 12·0 |
| 3 | 48·4 | 47·9 | 47·4 | 36·1 | 15·9 | 22·7 | 34·6 | 27·6 | 22 | 14 | 24 | 4·5 | 5·8 | 6·8 | c | 0 | 0 | NNE | 1 | N | 2 | N | 4 | — | 14·0 |
| 4 | 50·1 | 48·4 | 48·5 | 31·4 | 17·3 | 21·0 | 30·4 | 25·4 | 33 | 20 | 28 | 6·2 | 6·5 | 6·7 | 2 | 0 | 0 | N | 3 | N | 4 | N | 3 | — | 15·0 |
| 5 | 50·3 | 48·7 | 49·4 | 31·4 | 15·4 | 19·4 | 29·2 | 23·2 | 41 | 14 | 20 | 6·9 | 4·3 | 4·2 | 0 | 0 | 0 | N | 3 | N | 3 | N | 4 | — | 15·0 |
| 6 | 50·5 | 48·4 | 47·5 | 31·6 | 10·4 | 18·1 | 29·8 | 25·2 | 33 | 8 | 14 | 5·0 | 2·5 | 3·2 | 0 | 0 | 0 | N | 3 | N | 2 | N | 2 | — | 11·0 |
| 7 | 48·1 | 46·9 | 47·0 | 37·0 | 10·0 | 21·2 | 34·2 | 27·0 | 25 | 12 | 25 | 4·6 | 4·8 | 6·5 | 0 | 0 | 0 | ESE | 1 | N | 2 | N | 1 | — | 11·0 |
| 8 | 47·0 | 46·7 | 45·2 | 41·7 | 15·0 | 23·0 | 39·2 | 30·0 | 37 | 11 | 21 | 7·7 | 6·0 | 6·5 | 1 | 2 | 0 | WSW | 3 | NNE | 3 | N | 1 | — | 12·0 |
| 9 | 46·4 | 45·7 | 46·1 | 41·4 | 17·8 | 24·8 | 40·2 | 30·4 | 31 | 15 | 25 | 7·3 | 8·2 | 8·1 | 0 | 0 | 0 | W | 1 | NNW | 3 | N | 2 | — | 20·0 |
| 10 | 48·3 | 46·2 | 46·6 | 38·0 | 21·0 | 26·7 | 36·6 | 29·8 | 34 | 10 | 13 | 8·8 | 4·6 | 4·3 | 0 | 0 | 0 | N | 4 | N | 3 | N | 3 | — | 20·0 |
| 11 | 48·0 | 45·3 | 45·6 | 36·8 | 16·7 | 23·4 | 35·6 | 27·8 | 14 | 7 | 21 | 3·0 | 3·0 | 5·8 | 0 | 0 | 0 | N | 3 | N | 4 | N | 3 | — | 16·0 |
| 12 | 46·2 | 44·3 | 45·6 | 37·3 | 13·4 | 23·4 | 35·6 | 29·4 | 31 | 17 | 27 | 6·6 | 7·5 | 8·4 | 0 | 4 | 0 | N | 1 | N | 4 | N | 2 | — | 14·0 |
| 13 | 46·6 | 45·6 | 45·2 | 40·2 | 14·6 | 25·8 | 39·2 | 30·4 | 31 | 22 | 33 | 7·6 | 11·6 | 10·7 | 0 | 0 | 0 | NNE | 1 | N | 2 | N | 2 | — | 19·0 |
| 14 | 48·1 | 46·5 | 45·8 | 40·1 | 21·0 | 28·0 | 38·6 | 30·4 | 40 | 27 | 37 | 11·2 | 13·9 | 12·0 | 0 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 20·0 |
| 15 | 47·3 | 44·7 | 45·2 | 40·7 | 20·1 | 27·9 | 39·0 | 33·0 | 22 | 14 | 19 | 6·3 | 7·1 | 7·1 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 19·0 |
| 16 | 47·0 | 43·9 | 45·2 | 41·2 | 19·4 | 29·1 | 39·8 | 34·4 | 22 | 14 | 16 | 6·7 | 8·0 | 6·6 | 0 | 0 | 0 | E | 1 | E | 1 | S | 2 | — | 20·0 |
| 17 | 46·5 | 43·8 | 43·8 | 41·0 | 25·3 | 33·8 | 39·2 | 33·8 | 24 | 12 | 14 | 9·3 | 6·3 | 5·4 | 0 | 0 | 0 | E | 5 | NNE | 5 | NNE | 3 | — | 22·0 |
| 18 | 45·0 | 43·2 | 42·6 | 42·0 | 25·3 | 30·3 | 40·2 | 34·0 | 25 | 10 | 27 | 8·1 | 5·4 | 10·8 | 0 | 0 | 0 | N | 2 | E | 3 | N | 1 | — | 13·0 |
| 19 | 43·6 | 42·1 | 40·9 | 43·8 | 20·0 | 34·0 | 42·0 | 36·0 | 27 | 19 | 27 | 10·5 | 11·6 | 11·8 | 2 | 2 | 2 | SSE | 6 | SSE | 5 | SSE | 1 | — | 19·0 |
| 20 | 42·4 | 40·8 | 41·1 | 45·2 | 24·8 | 35·0 | 44·4 | 34·2 | 21 | 16 | 22 | 8·9 | 10·9 | 9·0 | 3 | 2 | 0 | SE | 6 | SSE | 5 | SSE | 1 | — | 24·0 |
| 21 | 43·5 | 42·7 | 44·5 | 39·4 | 24·6 | 28·9 | 38·8 | 31·2 | 38 | 22 | 31 | 11·3 | 11·5 | 10·5 | 3 | 4 | 8 | N | 1 | NNW | 6 | S | 8 | — | 21·0 |
| 22 | 47·4 | 46·2 | 47·1 | 35·4 | 23·8 | 25·9 | 34·0 | 30·2 | 36 | 19 | 23 | 8·7 | 7·5 | 7·3 | 3 | 5 | 5 | NNW | 5 | N | 6 | N | 4 | — | 17·0 |
| 23 | 49·3 | 48·8 | 49·7 | 29·0 | 19·0 | 22·8 | 27·2 | 25·6 | 46 | 27 | 37 | 9·4 | 7·3 | 8·9 | 10 | 8 | 7 | N | 4 | NNE | 5 | N | 1 | — | 16·0 |
| 24 | 50·1 | 48·1 | 47·7 | 30·0 | 21·6 | 24·3 | 28·0 | 24·2 | 32 | 24 | 31 | 7·2 | 6·8 | 6·8 | 9 | 6 | 0 | N | 5 | NNE | 4 | N | 2 | — | 15·0 |
| 25 | 48·5 | 46·2 | 45·4 | 33·8 | 14·9 | 21·8 | 30·8 | 25·6 | 29 | 17 | 21 | 5·6 | 5·7 | 5·1 | 0 | 0 | 0 | NNE | 2 | N | 2 | N | 2 | — | 11·0 |
| 26 | 47·9 | 46·7 | 45·4 | 36·2 | 16·2 | 23·2 | 35·0 | 28·2 | 26 | 12 | 13 | 5·4 | 5·0 | 3·8 | 0 | 0 | 0 | N | 3 | NNE | 2 | N | 4 | — | 18·0 |
| 27 | 48·2 | 45·8 | 46·1 | 37·3 | 18·0 | 23·7 | 35·4 | — | 19 | 7 | — | 4·1 | 3·2 | — | 0 | 0 | 0 | NE | 2 | N | 2 | N | 2 | — | 16·0 |
| 28 | 47·7 | 45·1 | 45·1 | 39·6 | 15·0 | 23·4 | 36·4 | 28·8 | 14 | 9 | 10 | 3·0 | 4·1 | 2·8 | 0 | 0 | 0 | NNE | 2 | N | 1 | N | 2 | — | 13·0 |
| 29 | 46·1 | 44·0 | 44·0 | 40·4 | 13·5 | 25·2 | 39·0 | 29·0 | 23 | 7 | 20 | 5·5 | 3·8 | 5·9 | 0 | 0 | 0 | E | 1 | N | 2 | NNE | 1 | — | 12·0 |
| 30 | 45·0 | 42·9 | 44·5 | — | 14·5 | 26·0 | — | 30·4 | 23 | — | 20 | 5·7 | — | 6·5 | 0 | 1 | 4 | E | 1 | NNE | 2 | Calm | 0 | — | 14·0 |
| Month | 47·40 | 45·70 | 45·80 | 37·4 | 18.0 | 25·1 | 35·7 | 29·2 | 29 | 15 | 23 | 6·9 | 6·6 | 6·9 | 1·1 | 1·1 | 0·9 | — | 2·6 | — | 3·1 | — | 2·3 | — | 16·60 |

**Remarks** :—21 Haboob 18h–23h.

# WADI HALFA.

$\varphi = 21° 54' 49''$ N. $\lambda = 31° 19' 3''$ E. H = 128·3 m. $h_t = 1·7$ m.

$C_h = +11$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46·1 | 44·6 | 44·6 | 38·6 | 20·8 | 28·0 | 36·8 | 30·2 | 27 | 16 | 25 | 7·5 | 7·4 | 7·9 | 0 | 2 | 0 | N | 3 | N | 3 | N | 2 | — | 16·0 |
| 2 | 48·2 | 45·8 | 46·0 | 40·4 | 20·2 | 27·8 | 38·2 | 33·0 | 23 | 17 | 23 | 6·6 | 8·6 | 8·4 | 0 | 0 | 0 | NNE | 2 | NNE | 2 | NNE | 2 | — | 24·0 |
| 3 | 47·1 | 44·4 | 44·5 | 43·8 | 23·2 | 34·6 | 42·6 | 37·0 | 20 | 9 | 11 | 8·4 | 5·6 | 5·3 | 0 | 0 | 0 | ESE | 5 | SSE | 2 | NNW | 8 | — | 29·0 |
| 4 | 45·6 | 42·2 | 41·7 | 44·1 | 27·0 | 34·1 | 42·0 | 33·8 | 10 | 21 | 29 | 4·0 | 12·7 | 11·3 | 3 | 5 | 8 | E | 4 | N | 7 | NNE | 8 | — | 32·0 |
| 5 | 43·4 | 41·8 | 41·3 | 40·1 | 30·0 | 33·8 | 39·0 | 33·6 | 23 | 15 | 25 | 8·9 | 8·1 | 9·7 | 8 | 2 | 0 | W | 2 | NNE | 2 | WSW | 3 | — | 19·0 |
| 6 | 44·9 | 43·0 | 43·4 | 38·2 | 24·8 | 28·1 | 37·2 | 31·4 | 37 | 16 | 22 | 10·4 | 7·5 | 7·5 | 0 | 2 | 0 | NNE | 4 | Calm | 0 | N | 1 | — | 17·0 |
| 7 | 46·5 | 44·7 | 44·7 | 41·0 | 21·1 | 28·1 | 39·6 | 32·2 | 23 | 11 | 19 | 6·4 | 6·1 | 7·0 | 0 | 0 | 0 | ENE | 1 | NNE | 2 | NNE | 2 | — | 21·0 |
| 8 | 46·9 | 46·2 | 46·4 | 36·0 | 24·9 | 29·0 | 35·0 | 30·0 | 26 | 24 | 19 | 7·7 | 9·9 | 5·9 | 8 | 7 | 0 | NNW | 5 | NNW | 6 | NNW | 4 | — | 23·0 |
| 9 | 49·0 | 46·8 | 46·7 | 33·8 | 19·7 | 25·2 | 32·8 | 27·8 | 21 | 19 | 25 | 5·1 | 6·9 | 6·9 | 3 | 0 | 1 | N | 4 | N | 3 | NNW | 4 | — | 17·0 |
| 10 | 48·0 | 44·9 | 44·7 | 35·0 | 16·8 | 24·6 | 33·1 | 26·2 | 39 | 22 | 29 | 8·9 | 8·4 | 7·3 | 3 | 2 | 0 | N | 2 | NNE | 2 | ENE | 1 | — | 14·0 |
| 11 | 46·3 | 44·1 | 43·7 | 39·7 | 16·0 | 24·2 | 36·5 | 31·2 | 31 | 15 | 21 | 6·8 | 6·9 | 7·0 | 1 | 5 | 6 | WNW | 1 | NNE | 2 | ENE | 1 | — | 12·0 |
| 12 | 46·1 | 45·1 | 45·3 | 41·2 | 22·8 | 30·1 | 38·8 | 32·8 | 23 | 15 | 20 | 7·1 | 7·9 | 7·6 | 3 | 5 | 0 | E | 2 | NNE | 1 | W | 2 | — | 15·0 |
| 13 | 48·7 | 46·9 | 47·0 | 38·9 | 23·1 | 28·3 | 37·8 | 32·2 | 31 | 17 | 28 | 8·7 | 8·5 | 9·9 | 3 | 3 | 0 | N | 3 | NNE | 2 | NNE | 5 | — | 20·0 |
| 14 | 49·5 | 46·9 | 47·0 | 36·3 | 22·1 | 26·2 | 35·2 | 29·8 | 34 | 22 | 27 | 8·5 | 9·4 | 8·4 | 0 | 3 | 3 | N | 3 | NNW | 3 | Calm | 0 | — | 25·0 |
| 15 | 47·2 | 44·8 | 45·7 | 36·2 | 17·6 | 25·8 | 34·4 | 28·8 | 32 | 18 | 23 | 7·7 | 7·2 | 6·8 | 0 | 0 | 0 | NE | 2 | NNW | 2 | NNE | 3 | — | 15·0 |
| 16 | 47·1 | 45·8 | 46·4 | 33·2 | 19·7 | 25·2 | 32·0 | 26·8 | 38 | 16 | 25 | 9·0 | 5·9 | 6·4 | 0 | 0 | 0 | NNE | 3 | WSW | 4 | N | 5 | — | 15·0 |
| 17 | 48·6 | 47·0 | 47·7 | 30·0 | 17·4 | 22·8 | 28·6 | 25·6 | 39 | 21 | 30 | 7·9 | 6·1 | 7·4 | 0 | 0 | 3 | N | 3 | NNW | 2 | NNE | 3 | — | 12·0 |
| 18 | 49·5 | 47·4 | 47·6 | 31·9 | 15·0 | 22·3 | 30·8 | 27·6 | 37 | 18 | 34 | 7·4 | 6·0 | 9·2 | 0 | 0 | 0 | NNE | 1 | NNE | 3 | NNE | 2 | — | 14·0 |
| 19 | 49·4 | 48·6 | 47·3 | 34·6 | 17·0 | 23·8 | 33·8 | 28·6 | 35 | 17 | 33 | 7·7 | 6·6 | 9·8 | 1 | 3 | 0 | N | 2 | NNE | 2 | NNE | 2 | — | 16·0 |
| 20 | 48·9 | 47·5 | 46·2 | 37·4 | 18·3 | 25·8 | 36·4 | 31·4 | 30 | 14 | 25 | 7·3 | 6·3 | 8·4 | 0 | 3 | 7 | N | 2 | NNE | 3 | NNE | 3 | — | 17·0 |
| 21 | 48·0 | 45·8 | 44·8 | 39·7 | 17·7 | 27·2 | 38·6 | 32·6 | 27 | 17 | 26 | 7·3 | 8·7 | 9·7 | 0 | 0 | 0 | NNE | 4 | NNE | 3 | N. | 3 | — | 17·0 |
| 22 | 46·7 | 45·5 | 44·5 | 40·4 | 19·8 | 28·7 | 38·6 | 31·8 | 26 | 18 | 27 | 7·6 | 9·4 | 9·5 | 0 | 0 | 0 | NNE | 2 | N | 1 | N | 1 | — | 15·0 |
| 23 | 44·3 | 43·1 | 43·3 | 43·5 | 20·8 | 30·8 | 42·0 | 36·0 | 28 | 18 | 25 | 9·1 | 10·8 | 11·0 | 0 | 0 | 0 | S | 2 | N | 2 | N | 1 | — | 18·0 |
| 24 | 45·5 | 43·5 | 44·0 | 42·8 | 26·3 | 30·8 | 40·2 | 35·2 | 39 | 27 | 31 | 12·8 | 15·0 | 13·0 | 0 | 0 | 0 | N | 5 | NNE | 4 | NNE | 7 | — | 18·0 |
| 25 | 47·1 | 46·4 | 46·0 | 39·4 | 25·0 | 30·6 | 37·6 | 31·8 | 30 | 20 | 20 | 9·5 | 10·0 | 6·9 | 0 | 0 | 0 | N | 4 | N | 6 | N | 5 | — | 23·0 |
| 26 | 49·1 | 46·2 | 47·0 | 37·1 | 20·8 | 26·7 | 36·0 | 28·8 | 21 | 10 | 20 | 5·3 | 4·4 | 6·0 | 0 | 0 | 0 | N | 5 | N | 3 | N | 4 | — | 23·0 |
| 27 | 49·1 | 48·4 | 47·8 | 36·4 | 21·6 | 26·4 | 35·6 | 30·0 | 32 | 15 | 23 | 8·1 | 6·5 | 7·1 | 0 | 0 | 0 | N | 3 | N | 3 | N | 7 | — | 24·0 |
| 28 | 49·8 | 48·4 | 48·5 | 34·1 | 22·0 | 27·0 | 33·6 | 28·0 | 29 | 16 | 20 | 7·7 | 6·1 | 5·6 | 0 | 0 | 0 | N | 3 | N | 6 | N | 6 | — | 20·0 |
| 29 | 50·1 | 48·0 | 48·6 | 32·3 | 21·6 | 25·4 | 31·6 | 26·6 | 27 | 14 | 23 | 6·4 | 5·2 | 5·9 | 0 | 2 | 0 | N | 4 | N | 6 | N | 3 | — | 17·0 |
| 30 | 49·5 | 47·4 | 47·9 | 32·6 | 18·4 | 24·6 | 31·4 | 27·0 | 21 | 12 | 17 | 4·9 | 4·1 | 4·6 | 0 | 0 | 0 | N | 3 | NNW | 5 | Calm | 0 | — | 17·0 |
| 31 | 49·8 | 48·0 | 47·7 | 32·8 | 15·6 | 22·8 | 32·0 | 26·6 | 25 | 14 | 26 | 5·2 | 5·3 | 6·8 | 0 | 2 | 0 | NNE | 2 | NNW | 4 | NNE | 3 | — | 15·0 |
| Month | 47·61 | 45·76 | 45·74 | 37·5 | 20·9 | 27·4 | 36·1 | 30·5 | 29 | 17 | 24 | 7·6 | 7·7 | 7·9 | 1·1 | 1·5 | 0·9 | — | 2.9 | — | 3·1 | — | 3·3 | — | 18·71 |

**Remarks** :—4 Haboob N 11h–12h, 18h30–19h30.—20 Haboob N 10h–16h.—21 Haboob N 10h–16h.—22 Haboob N 10h–16h.—23 Haboob N 10h–16h.—24 Haboob N 10h–16h.—25 Haboob N 10h–16h.—26 Haboob N 10h–16h.—27 Haboob N 10h–16h.—28 Haboob N 10h–16h.—29 Haboob N 10h–16h.

$C_h = +11$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49·1 | 47·1 | 47·5 | 33·8 | 13·7 | 23·1 | 32·6 | 27·6 | 29 | 13 | 19 | 6·0 | 4·9 | 5·3 | 0 | 0 | 0 | N | 1 | NNE | 4 | N | 3 | — | 14·0 |
| 2 | 49·2 | 47·5 | 47·6 | 33·5 | 15·8 | 24·0 | 32·6 | 27·8 | 21 | 11 | 16 | 4·8 | 4·0 | 4·3 | 0 | 0 | 0 | NNE | 2 | NNW | 6 | NNE | 3 | — | 16·0 |
| 3 | 49·4 | 47·1 | 47·8 | 36·0 | 13·6 | 24·0 | 34·4 | 29·6 | 19 | 6 | 18 | 4·2 | 2·6 | 5·5 | 0 | 0 | 0 | N | 1 | NNE | 2 | N | 3 | — | 16·0 |
| 4 | 48·5 | 46·0 | 46·2 | 37·5 | 16·2 | 26·2 | 36·6 | 30·6 | 30 | 10 | 16 | 7·5 | 4·6 | 5·5 | 0 | 0 | 0 | NNE | 1 | N | 2 | NNW | 5 | — | 19·0 |
| 5 | 47·2 | 44·8 | 45·0 | 38·0 | 22·6 | 27·3 | 36·8 | 31·2 | 24 | 11 | 13 | 6·3 | 5·4 | 4·6 | 0 | 0 | 0 | NNE | 1 | N | 2 | N | 5 | — | 18·0 |
| 6 | 46·7 | 44·6 | 44·5 | 37·6 | 20·7 | 26·8 | 36·8 | 31·4 | 25 | 10 | 16 | 6·4 | 4·8 | 5·6 | 0 | 0 | 0 | N | 3 | NNW | 3 | NNW | 3 | — | 15·0 |
| 7 | 46·1 | 45·7 | 43·9 | 36·8 | 19·4 | 27·8 | 35·4 | 28·6 | 22 | 11 | 26 | 6·0 | 4·7 | 7·6 | 0 | 0 | 0 | NNE | 3 | N | 2 | NNE | 1 | — | 16·0 |
| 8 | 46·0 | 44·1 | 44·9 | 38·9 | 20·0 | 26·8 | 38·1 | 32·0 | 18 | 10 | 14 | 4·5 | 5·0 | 5·3 | 1 | 0 | 0 | NNE | 2 | NNW | 3 | NNW | 3 | — | 18·0 |
| 9 | 46·9 | 44·9 | 44·7 | 38·2 | 21·8 | 27·4 | 38·1 | 33·2 | 25 | 17 | 21 | 6·9 | 8·7 | 8·0 | 0 | 0 | 0 | N | 3 | N | 3 | NNW | 4 | — | 15·0 |
| 10 | 47·4 | 45·4 | 45·1 | 39·0 | 22·0 | 27·4 | — | 32·2 | 35 | — | 23 | 9·6 | — | 8·2 | 0 | 3 | 0 | N | 4 | NNE | 4 | NNE | 2 | — | 13·0 |
| 11 | 47·4 | 45·2 | 45·4 | 38·8 | 21·7 | 28·9 | 38·0 | 31·4 | 29 | 17 | 24 | 8·7 | 8·7 | 8·1 | 0 | 1 | 0 | N | 3 | NNE | 4 | NNE | 3 | — | 18·0 |
| 12 | 47·3 | 44·8 | 45·4 | 36·2 | 20·6 | 26·8 | 35·0 | 29·6 | 28 | 22 | 36 | 7·2 | 9·2 | 11·2 | 0 | 1 | 0 | NNE | 3 | N | 4 | NNE | 2 | — | 14·0 |
| 13 | 47·8 | 45·9 | 46·6 | 35·4 | 20·6 | 26·0 | 34·2 | 29·4 | 36 | 17 | 29 | 8·9 | 7·0 | 9·0 | 1 | 1 | 1 | NNE | 1 | NNW | 4 | N | 2 | — | 14·0 |
| 14 | 48·5 | 45·9 | 46·6 | 36·4 | 19·8 | 27·0 | 34·2 | 29·4 | 29 | 17 | 29 | 7·7 | 7·0 | 9·0 | 0 | 1 | 0 | NE | 2 | NNW | 4 | N | 2 | — | 14·0 |
| 15 | 48·7 | 46·8 | 47·0 | 37·2 | 18·1 | 27·1 | 36·4 | 31·8 | 24 | 16 | 26 | 6·5 | 7·3 | 8·8 | 0 | 0 | 1 | NE | 1 | NNE | 2 | NNW | 3 | — | 17·0 |
| 16 | 47·7 | 45·2 | 45·3 | 38·4 | 18·4 | 26·8 | 37·2 | 31·4 | 31 | 19 | 27 | 8·1 | 8·9 | 9·4 | 0 | 3 | 1 | NNE | 2 | N | 5 | NNE | 2 | — | 19·0 |
| 17 | 47·3 | 44·4 | 45·3 | 39·5 | 23·5 | 28·8 | 38·4 | 32·0 | 26 | 11 | 15 | 7·8 | 5·5 | 5·6 | 1 | 4 | 2 | NNE | 3 | NNW | 3 | NNW | 5 | — | 19·0 |
| 18 | 47·5 | 46·4 | 46·4 | 36·9 | 21·9 | 26·0 | 35·6 | 31·0 | 29 | 14 | 18 | 7·2 | 6·2 | 6·2 | 0 | 0 | 0 | N | 5 | N | 3 | NNW | 4 | — | 18·0 |
| 19 | 47·6 | 46·1 | 45·2 | 38·0 | 20·7 | 25·4 | 36·4 | 31·4 | 31 | 16 | 24 | 7·5 | 7·3 | 8·1 | 0 | 1 | 0 | NNW | 4 | NNE | 2 | NNW | 3 | — | 15·0 |
| 20 | 47·2 | 45·3 | 45·1 | 39·6 | 22·1 | 26·8 | 36·2 | 33·2 | 26 | 13 | 21 | 6·7 | 6·5 | 8·0 | 0 | 0 | 0 | N | 1 | N | 2 | NNW | 1 | — | 16·0 |
| 21 | 46·0 | 45·3 | 44·8 | 41·5 | 22·8 | 29·0 | 40·0 | 33·2 | 28 | 16 | 27 | 8·3 | 9·3 | 10·3 | 0 | 0 | 0 | N | 3 | NNW | 2 | NNE | 1 | — | 18·0 |
| 22 | 45·5 | 44·3 | 43·9 | 43·0 | 24·3 | 30·4 | 41·0 | 36·2 | 22 | 15 | 18 | 7·2 | 8·8 | 8·1 | 3 | 1 | 0 | ENE | 1 | N | 3 | NNW | 5 | — | 19·0 |
| 23 | 45·8 | 43·7 | 44·6 | 41·6 | 25·7 | 29·8 | 43·8 | 36·4 | 23 | 14 | 21 | 7·4 | 9·7 | 9·7 | 5 | 2 | 1 | NNW | 4 | NNE | 3 | NNW | 7 | — | 24·0 |
| 24 | 46·3 | 43·9 | 44·0 | 44·2 | 25·2 | 31·3 | 41·4 | 36·2 | 21 | 16 | 18 | 7·2 | 9·6 | 8·1 | 2 | 2 | 0 | N | 4 | NNE | 3 | N | 5 | — | 26·0 |
| 25 | 45·7 | 44·1 | 44·4 | 42·5 | 25·0 | 30·0 | 40·4 | 30·5 | 27 | 16 | 29 | 8·6 | 8·8 | 9·3 | 0 | 2 | 0 | N | 3 | NNE | 2 | NNE | 4 | — | 25·0 |
| 26 | 46·4 | 44·8 | 44·6 | 40·1 | 25·0 | 29·8 | 38·4 | 32·2 | 24 | 15 | 22 | 7·5 | 7·8 | 7·9 | 0 | 0 | 0 | N | 2 | NNE | 3 | NNE | 2 | — | 19·0 |
| 27 | 46·2 | 44·6 | 45·3 | 38·9 | 20·2 | 29·7 | 38·0 | 31·8 | 26 | 12 | 18 | 7·7 | 6·3 | 6·3 | 0 | 1 | 0 | NE | 3 | N | 4 | N | 2 | — | 18·0 |
| 28 | 46·9 | 44·7 | 44·6 | 38·8 | 19·3 | 28·8 | 37·6 | 31·4 | 22 | 11 | 22 | 6·3 | 5·3 | 7·5 | 0 | 0 | 0 | NE | 1 | NNW | 3 | NNW | 2 | — | 15·0 |
| 29 | 46·2 | 44·4 | 44·2 | 41·3 | 17·7 | 27·2 | 38·4 | 30·4 | 36 | 7 | 18 | 9·7 | 3·5 | 5·9 | 0 | 0 | 0 | NNE | 1 | NNW | 2 | NNE | 1 | — | 14·0 |
| 30 | 46·3 | 44·2 | 43·9 | 41·6 | 20·7 | 30·8 | 41·4 | 34·6 | 23 | 11 | 18 | 7·5 | 6·7 | 7·4 | 0 | 5 | 0 | N | 4 | NNW | 4 | NNW | 4 | — | 20·0 |
| Month | 47·16 | 45·24 | 45·33 | 38·7 | 20·6 | 27·5 | 37·4 | 31·6 | 26 | 14 | 21 | 7·2 | 6·7 | 7·5 | 0·4 | 1·2 | 0·2 | — | 2·4 | — | 3·1 | — | 3·1 | — | 17·40 |

**Remarks** :—23 Haboob N 18h–20h.

# WADI HALFA.

$\varphi = 21° 54' 49''$ N. $\lambda = 31° 19' 3''$ E. H = 128·3 m. $h_t$ = 1·7 m.

$C_h$ = + 11 mm. **July 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46·0 | 45·2 | 46·0 | 39 4 | 24·7 | 28·4 | 39·2 | 33·8 | 39 | 15 | 21 | 11·2 | 8·0 | 8·3 | 0 | 0 | 0 | N | 4 | NNW | 3 | NNW | 5 | — | 19·0 |
| 2 | 47·3 | 44·7 | 44·6 | 38·8 | 24·3 | 27·0 | 37·8 | 32·6 | 28 | 15 | 22 | 7·4 | 7·8 | 8·0 | 4 | 3 | 0 | NNE | 3 | NNW | 2 | NNW | 3 | — | 17·0 |
| 3 | 47·2 | 45·9 | 44·6 | 37·9 | 27·0 | 28·4 | 37·2 | 32·4 | 25 | 14 | 21 | 7·1 | 6·8 | 7·8 | 0 | 2 | 0 | NNW | 4 | NNW | 3 | NNW | 3 | — | 18·0 |
| 4 | 46·8 | 44·3 | 45·6 | 40·2 | 24·0 | 28·2 | 38·8 | 34·0 | 29 | 15 | 16 | 8·2 | 7·9 | 6·5 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 4 | — | 18·0 |
| 5 | 46·8 | 45·7 | 45·9 | 40·5 | 24·7 | 28·6 | 40·0 | 33·6 | 26 | 13 | 16 | 7·6 | 7·5 | 6·1 | 0 | 0 | 0 | NNE | 3 | NNW | 4 | NNW | 4 | — | 20·0 |
| 6 | 46·6 | 45·0 | 44·6 | 40·0 | 25·3 | 28·2 | 39·0 | 32·8 | 27 | 11 | 19 | 7·6 | 5·8 | 6·9 | 3 | 1 | 0 | NNE | 3 | NNW | 3 | NNE | 2 | — | 18·0 |
| 7 | 45·6 | 43·7 | 43·4 | 41·4 | 24·3 | 29·2 | 40·4 | 33·8 | 24 | 10 | 18 | 7·1 | 5·6 | 7·0 | 0 | 0 | 0 | N | 3 | N | 2 | NNE | 1 | — | 17·0 |
| 8 | 44·8 | 43·3 | 42·9 | 42·7 | 21·0 | 29·8 | 41·8 | 34·0 | 18 | 10 | 18 | 5 7 | 5·8 | 7·2 | 0 | 0 | 0 | N | 2 | NNE | 4 | NNE | 3 | — | 22·0 |
| 9 | 45·5 | 43·4 | 43·4 | 43·7 | 24·8 | 29·8 | 41·6 | 35·8 | 28 | 13 | 21 | 8·6 | 7·9 | 9·4 | 0 | 0 | 0 | NNW | 3 | NNE | 2 | NNW | 1 | — | 20·0 |
| 10 | 45·0 | 44·3 | 43·1 | 44·5 | 25·6 | 32·4 | 41·2 | 36·6 | 28 | 25 | 20 | 10·1 | 14·9 | 9·2 | 3 | 3 | 0 | ENE | 2 | NNE | 2 | NNW | 4 | — | 19·0 |
| 11 | 43·9 | 42·1 | 42·0 | 45·1 | 22·4 | 30·6 | 42·2 | 36·2 | 21 | 12 | 19 | 6·7 | 7·3 | 8·8 | 0 | 0 | 0 | ENE | 1 | NNE | 2 | SSW | 1 | — | 19·0 |
| 12 | 43·6 | 42·1 | 42·6 | 45·6 | 26·4 | 31·4 | 42·4 | 37·6 | 14 | 16 | 20 | 5·0 | 10·0 | 9·7 | 0 | 2 | 4 | NNE | 1 | NNE | 3 | NNW | 2 | — | 22·0 |
| 13 | 44·9 | 43·8 | 43·8 | 44·9 | 26·8 | 34·0 | 44·2 | 39·2 | 21 | 20 | 23 | 8·5 | 13·4 | 12·4 | 0 | 0 | 0 | ENE | 1 | NNW | 2 | ENE | 1 | — | 19·0 |
| 14 | 45·8 | 43·4 | 43·1 | 46·6 | 25·8 | 33·2 | 44·8 | 38·4 | 24 | 20 | 24 | 9·0 | 14·3 | 12·5 | 0 | 2 | 0 | ENE | 1 | NNE | 3 | NNW | 4 | — | 24·0 |
| 15 | 44·5 | 43·3 | 44·8 | 41·2 | 27·7 | 33·0 | 41·0 | 34·4 | 42 | 32 | 36 | 15·9 | 18·4 | 14·6 | 0 | 0 | 0 | N | 4 | N | 8 | N | 6 | — | 25·0 |
| 16 | 46·2 | 44·1 | 44·8 | 36·2 | 23·8 | 27·8 | 35·2 | 30·8 | 25 | 13 | 25 | 6·9 | 5·5 | 8·2 | 0 | 0 | 0 | NNE | 3 | NW | 4 | N | 2 | — | 19·0 |
| 17 | 46·7 | 45·2 | 45·2 | 38·0 | 22·0 | 27·9 | 36·6 | 32·8 | 34 | 20 | 25 | 9·3 | 9·2 | 9·2 | 0 | 0 | 0 | SE | 1 | WSW | 2 | WNW | 3 | — | 14·0 |
| 18 | 47·2 | 45·0 | 44·8 | 40·5 | 21·2 | 29·2 | 39·4 | 34·6 | 26 | 17 | 23 | 7·9 | 9·3 | 9·4 | 0 | 0 | 0 | SSW | 2 | NNE | 2 | NNW | 2 | — | 17·0 |
| 19 | 45·9 | 42·9 | 42·5 | 42·2 | 21·5 | 30·4 | 40·4 | 35·0 | 28 | 18 | 23 | 9·0 | 10·2 | 9·5 | 0 | 0 | 0 | NNW | 1 | NNW | 2 | NNE | 2 | — | 20·0 |
| 20 | 44·3 | 43·9 | 43·2 | 44·0 | 21·9 | 30·8 | 42·4 | 36·0 | 16 | 9 | 19 | 5·4 | 5·8 | 8·9 | 2 | 3 | 0 | NNE | 1 | NNE | 4 | NNE | 4 | — | 29·0 |
| 21 | 46·0 | 43·8 | 43·7 | 39·8 | 25·7 | 30·0 | 38·4 | 34·2 | 37 | 16 | 19 | 11·6 | 8·1 | 7·7 | 0 | 0 | 0 | NNE | 4 | NNW | 4 | NNE | 4 | — | 25·0 |
| 22 | 46·2 | 44·7 | 44·7 | 37·5 | 24·3 | 28·4 | 36·2 | 31·2 | 34 | 19 | 24 | 9·9 | 8·8 | 7·9 | 0 | 0 | 0 | NNE | 2 | NNW | 4 | NNW | 2 | — | 19·0 |
| 23 | 45·6 | 44·2 | 43·8 | 38·4 | 20·8 | 27·2 | 37·4 | 30·4 | 32 | 17 | 34 | 8·5 | 8·1 | 11·0 | 0 | 0 | 0 | NNE | 1 | W | 3 | NNE | 1 | — | 16·0 |
| 24 | 44·6 | 43·3 | 43·6 | 38·5 | 20·9 | 28·2 | 37·4 | 32·2 | 25 | 15 | 22 | 7·0 | 7·0 | 7·9 | 0 | 0 | 0 | NE | 2 | W | 2 | NNW | 3 | — | 17·0 |
| 25 | 46·0 | 44·4 | 44·7 | 39·3 | 20·6 | 28·0 | 37·2 | 32·2 | 26 | 17 | 22 | 7·4 | 7·8 | 7·9 | 0 | 0 | 0 | NNW | 1 | NNW | 2 | NNE | 2 | — | 20·0 |
| 26 | 47·0 | 45·7 | 46·1 | 39·1 | 21·4 | 29·0 | 38·0 | 30·8 | 25 | 14 | 24 | 7·4 | 7·0 | 7·8 | 0 | 0 | 0 | N | 1 | NNW | 3 | NNE | 2 | — | 20·0 |
| 27 | 47·0 | 44·6 | 44·3 | 39·5 | 18·8 | 27·8 | 38·4 | 33·4 | 23 | 13 | 17 | 6·6 | 6·8 | 6·6 | 0 | 0 | 0 | NNE | 1 | NNE | 3 | NNE | 1 | — | 20·0 |
| 28 | 45·0 | 44·0 | 44·1 | 39·4 | 23·0 | 28·8 | 38·8 | 32·0 | 29 | 14 | 24 | 8·7 | 7·5 | 8·4 | 0 | 0 | 0 | W | 1 | WSW | 2 | NNE | 3 | — | 19·0 |
| 29 | 46·6 | 44·9 | 45·2 | 37·2 | 23·0 | 27·0 | 35·0 | 31·4 | 35 | 17 | 24 | 9·2 | 7·2 | 8·1 | 0 | 0 | 0 | NNE | 1 | NNE | 2 | NNE | 3 | — | 17·0 |
| 30 | 46·0 | 45·9 | 45·0 | 37·5 | 19·3 | 26·8 | 35·8 | 32·0 | 27 | 16 | 23 | 6·9 | 7·4 | 8·1 | 0 | 0 | 0 | NNE | 1 | NNW | 3 | NNW | 2 | — | 19·0 |
| 31 | 47·0 | 45·4 | 45·3 | 38·6 | 19·0 | 27·4 | 37·2 | 32·0 | 27 | 15 | 25 | 7·2 | 7·2 | 8·7 | 0 | 0 | 0 | NNE | 2 | NNW | 4 | NNE | 1 | — | 18 0 |
| Month | 45·86 | 44·26 | 44·24 | 40·6 | 23·3 | 29·3 | 39·2 | 33·8 | 27 | 16 | 22 | 8·2 | 8·5 | 8·7 | 0·4 | 0·5 | 0·1 | — | 2·0 | — | 3·0 | — | 2·6 | — | 19·55 |

**Remarks:—**

$C_h$ = + 11 mm. **August 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 47·0 | 45·2 | 45·0 | 37·5 | 20·4 | 28·0 | 36·4 | 31·2 | 25 | 14 | 26 | 7·1 | 6·3 | 8·9 | 0 | 0 | 0 | NNE | 2 | NNE | 3 | N | 2 | — | 17·0 |
| 2 | 45·2 | 44·0 | 44·3 | 39·3 | 20·5 | 26·8 | 37·6 | 33·8 | 30 | 14 | 22 | 7·8 | 6·9 | 8·6 | 0 | 0 | 0 | N | 1 | NNW | 2 | N | 1 | — | 16·0 |
| 3 | 46·1 | 44·1 | 44·0 | 42·0 | 20·9 | 27·8 | 41·0 | 34·8 | 34 | 11 | 18 | 9·4 | 6·6 | 7·6 | 0 | 0 | 0 | NNW | 1 | N | 3 | NNE | 1 | — | 21·0 |
| 4 | 46·1 | 44·6 | 45·2 | 41·4 | 23·7 | 30·0 | 40·6 | 32·8 | 28 | 10 | 18 | 9·0 | 5·8 | 6·6 | 0 | 0 | 0 | NNE | 3 | NNE | 3 | NNW | 2 | — | 24·0 |
| 5 | 47·1 | 45·6 | 45·8 | 37·9 | 24·4 | 28·2 | 36·8 | 32·4 | 24 | 9 | 19 | 6·7 | 4·2 | 6·9 | 0 | 0 | 0 | NNE | 2 | NNE | 4 | NNE | 4 | — | 24·0 |
| 6 | 47·3 | 46·0 | 46·1 | 38·1 | 20·4 | 26·6 | 36·6 | 31·4 | 36 | 13 | 17 | 9·2 | 5·9 | 5·9 | 0 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 31·0 |
| 7 | 47·1 | 44·9 | 44·7 | 37·5 | 21·7 | 25·4 | 35·8 | 32·0 | 38 | 16 | 20 | 9·0 | 7·0 | 7·1 | 0 | 0 | 0 | N | 1 | N | 2 | NNW | 3 | — | 19·0 |
| 8 | 46·3 | 44·7 | 43·9 | 37·1 | 22·2 | 26·4 | 34·4 | 31·4 | 33 | 18 | 26 | 8·4 | 7·2 | 9·1 | 0 | 0 | 0 | NNE | 1 | N | 2 | NNW | 1 | — | 13·0 |
| 9 | 45·1 | 44·4 | 43·2 | 40·0 | 20·6 | 28·4 | 36·8 | 33·0 | 28 | 16 | 19 | 8·1 | 7·4 | 7·1 | 0 | 0 | 0 | N | 1 | NNE | 1 | NNE | 1 | — | 14·0 |
| 10 | 45·2 | 43·7 | 44·4 | 41·9 | 21·7 | 28·2 | 40·2 | 34·0 | 22 | 10 | 16 | 6·4 | 5·4 | 6·5 | 0 | 0 | 0 | N | 1 | NNE | 2 | NNE | 1 | — | 13·0 |
| 11 | 46·1 | 44·5 | 45·0 | 43·0 | 20·0 | 29·4 | 42·0 | 34·8 | 19 | 10 | 21 | 5·9 | 6·4 | 8·6 | 0 | 0 | 0 | N | 1 | WSW | 2 | NNE | 1 | — | 19·0 |
| 12 | 45·8 | 44·5 | 44·2 | 43·2 | 22·4 | 29·2 | 42·4 | 35·8 | 25 | 12 | 15 | 7·6 | 7·2 | 6·7 | 0 | 0 | 0 | NNE | 2 | SSW | 2 | NNW | 3 | — | 19·0 |
| 13 | 45·0 | 43·9 | 44·0 | 42·5 | 22·9 | 29·2 | 42·0 | 34·8 | 22 | 10 | 19 | 6·7 | 6·4 | 8·0 | 0 | 5 | 0 | NNE | 1 | S | 2 | NNE | 1 | — | 17·0 |
| 14 | 45·4 | 44·1 | 43·8 | 42·7 | 21·7 | 28·4 | 41·2 | 35·4 | 28 | 9 | 17 | 8·1 | 5·4 | 7·6 | 0 | 0 | 0 | N | 1 | NNE | 2 | NNW | 2 | — | 19·0 |
| 15 | 45·4 | 44·1 | 43·8 | 42·1 | 22·7 | 29·0 | 41·0 | 33·2 | 30 | 10 | 19 | 8·9 | 5·9 | 7·3 | 0 | 2 | 0 | N | 2 | W | 1 | NNW | 2 | — | 17·0 |
| 16 | 45·9 | 44·7 | 44·6 | 42·1 | 21·4 | 29·6 | 40·6 | 33·6 | 26 | 9 | 20 | 8·0 | 5·1 | 7·7 | 0 | 0 | 0 | NNE | 1 | W | 1 | NNE | 1 | — | 17·0 |
| 17 | 46·8 | 44·8 | 45·7 | 43·0 | 21·2 | 29·8 | 41·2 | 34·4 | 19 | 9 | 21 | 6·0 | 5·1 | 8·5 | 2 | 0 | 0 | NNE | 1 | NNE | 3 | SSW | 1 | — | 19·0 |
| 18 | 46·2 | 44·4 | 45·7 | 41·1 | 24·0 | 30·2 | 40·4 | 34·0 | 29 | 11 | 24 | 9·2 | 6·3 | 9·5 | 0 | 0 | 0 | N | 3 | N | 6 | NNE | 2 | — | 20·0 |
| 19 | 46·8 | 44·5 | 45·5 | 39·0 | 25·2 | 29·4 | 38·4 | 32·8 | 29 | 16 | 27 | 9·0 | 8·1 | 9·9 | 0 | 0 | 0 | NE | 2 | NNW | 4 | NNE | 2 | — | 19·0 |
| 20 | 45·0 | 43·6 | 44·0 | 38·9 | 22·7 | 28·4 | 38·0 | 32·4 | 27 | 12 | 22 | 7·8 | 6·0 | 8·1 | 0 | 0 | 0 | NNE | 1 | NNE | 3 | NNE | 2 | — | 18·0 |
| 21 | 44·6 | 44·3 | 44·1 | 40·2 | 23·2 | 28·0 | 38·6 | 32·8 | 26 | 14 | 22 | 7·4 | 7·0 | 8·2 | 3 | 5 | 0 | NNE | 1 | N | 2 | WNW | 1 | — | 17·0 |
| 22 | 45·8 | 44·7 | 45·3 | 41·1 | 22·0 | 29·0 | 40·2 | 32·8 | 24 | 12 | 22 | 7·1 | 6·8 | 8·2 | 0 | 0 | 0 | ESE | 1 | WSW | 3 | NNE | 1 | — | 17·0 |
| 23 | 47·0 | 45·5 | 46·0 | 41·5 | 21·8 | 28·8 | 40·8 | 33·8 | 22 | 9 | 21 | 6·3 | 5·4 | 8·3 | 0 | 0 | 0 | NNE | 1 | NNE | 3 | NNW | 3 | — | 23·0 |
| 24 | 46·1 | 43·7 | 43·6 | 42·0 | 25·2 | 30·0 | 41·6 | 35·4 | 26 | 9 | 19 | 8·3 | 5·6 | 7·9 | 2 | 0 | 0 | NNE | 1 | N | 4 | N | 6 | — | 27·0 |
| 25 | 45·3 | 42·9 | 44·4 | 43·7 | 27·1 | 29·0 | 42·0 | 34 8 | 37 | 12 | 19 | 11·2 | 7·1 | 8·0 | 9 | 5 | 0 | NNE | 4 | NNE | 5 | NNE | 7 | — | 28·0 |
| 26 | 47·8 | 45·6 | 46·6 | 38·4 | 25·5 | 28·6 | 37·6 | 32·6 | 37 | 16 | 26 | 10·8 | 7·6 | 9·7 | 7 | 3 | 0 | NNE | 4 | NNE | 4 | N | 2 | — | 22·0 |
| 27 | 48·0 | 46·1 | 46·1 | 37·2 | 25·2 | 27·8 | 36·6 | 31·8 | 35 | 21 | 28 | 9·7 | 9·6 | 9·8 | 0 | 0 | 0 | N | 3 | N | 5 | N | 2 | — | 19·0 |
| 28 | 47·6 | 45·6 | 46·1 | 37·5 | 24·2 | 28·2 | 37·0 | 31·4 | 33 | 18 | 29 | 9·4 | 8·6 | 10·1 | 0 | 0 | 0 | N | 1 | NNW | 3 | NNE | 2 | — | 17·0 |
| 29 | 47·5 | 45·7 | 46·6 | 38·3 | 23·7 | 27·8 | 37·4 | 32·4 | 34 | 17 | 25 | 9·4 | 8·1 | 9·1 | 0 | 0 | 0 | NNE | 1 | NNE | 2 | NNE | 3 | — | 17·0 |
| 30 | 48·0 | 46·1 | 46·9 | 38·3 | 21·5 | 27·8 | 37·2 | 31·6 | 26 | 15 | 29 | 7·2 | 7·2 | 9·9 | 0 | 0 | 0 | NNE | 1 | N | 3 | NNE | 2 | — | 20·0 |
| 31 | 48·2 | 46·2 | 44·8 | 39·8 | 22·1 | 29·4 | 39·0 | 32·6 | 31 | 15 | 26 | 9·6 | 7·8 | 9·7 | 3 | 0 | 0 | N | 2 | NNE | 2 | N | 2 | — | 24·0 |
| Month | 46·35 | 44·73 | 44·95 | 40·3 | 22·7 | 28·5 | 39·1 | 33·2 | 28 | 13 | 22 | 8·2 | 6·6 | 8·2 | 0·8 | 0·6 | 0·0 | — | 1·6 | — | 2·8 | — | 2·1 | — | 19·38 |

**Remarks:—**

# WADI HALFA.

$\varphi = 21° 54' 49''$ N. $\lambda = 31° 19' 3''$ E. H = 128·3 m. $h_t = 1·7$ m.

$C_h = +11$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 48·0 | 46·4 | 47·1 | 35·9 | 25·4 | 28·2 | 34·8 | 30·6 | 38 | 21 | 25 | 10·7 | 8·6 | 8·3 | 0 | 0 | 0 | NNE | 3 | N | 6 | NNE | 3 | — | 16·0 |
| 2 | 47·6 | 45·2 | 44·7 | 35·3 | 23·8 | 26·8 | 34·4 | 30·6 | 42 | 24 | 30 | 10·9 | 9·6 | 9·9 | 0 | 8 | 0 | N | 5 | N | 5 | N | 4 | — | 20·0 |
| 3 | 46·9 | 45·4 | 45·3 | 36·4 | 22·5 | 26·2 | 35·0 | 31·4 | 44 | 24 | 29 | 11·0 | 9·9 | 10·1 | 0 | 0 | 0 | NNE | 2 | NNE | 3 | N | 3 | — | 17·0 |
| 4 | 47·3 | 45·7 | 45·7 | 37·8 | 23·2 | 27·2 | 36·8 | 32·4 | 32 | 17 | 21 | 8·5 | 8·1 | 7·8 | 0 | 0 | 0 | NNE | 1 | NNW | 3 | NNW | 3 | — | 18·0 |
| 5 | 46·6 | 45·1 | 45·2 | 39·2 | 24·7 | 27·8 | 37·8 | 32·8 | 29 | 16 | 24 | 8·1 | 8·1 | 8·9 | 0 | 10 | 0 | N | 2 | NNE | 3 | NNW | 3 | — | 19·0 |
| 6 | 46·6 | 44·7 | 44·7 | 40·0 | 24·9 | 28·6 | 38·6 | 34·4 | 32 | 21 | 22 | 9·5 | 10·9 | 8·9 | 10 | 5 | 8 | N | 2 | N | 2 | NNW | 3 | — | 19·0 |
| 7 | 46·7 | 44·3 | 44·6 | 41·0 | 25·7 | 29·8 | 38·4 | 33·2 | 27 | 18 | 25 | 8·4 | 9·2 | 9·3 | 7 | 0 | 0 | N | 3 | N | 4 | N | 2 | — | 23·0 |
| 8 | 47·2 | 45·1 | 45·1 | 39·7 | 24·8 | 29·0 | 39·6 | 34·2 | 33 | 14 | 24 | 9·9 | 8·1 | 9·7 | 8 | 10 | 7 | NNW | 2 | NNE | 4 | N | 4 | — | 23·0 |
| 9 | 47·1 | 45·1 | 45·6 | 39·0 | 27·0 | 30·4 | 37·4 | 33·0 | 27 | 20 | 23 | 8·7 | 9·5 | 8·4 | 7 | 5 | 0 | N | 3 | N | 4 | N | 6 | — | 23·0 |
| 10 | 47·1 | 44·7 | 45·2 | 39·5 | 24·6 | 28·8 | 39·0 | 31·8 | 34 | 16 | 29 | 10·0 | 8·8 | 10·1 | 0 | 0 | 0 | N | 3 | NNW | 3 | N | 5 | — | 24·0 |
| 11 | 46·8 | 45·0 | 45·6 | 38·0 | 23·9 | 27·8 | 37·4 | 32·4 | 37 | 22 | 29 | 10·3 | 10·5 | 10·5 | 0 | 0 | 0 | N | 4 | N | 2 | N | 4 | — | 21·0 |
| 12 | 46·8 | 44·5 | 46·1 | 40·7 | 24·2 | 27·4 | 38·4 | 33·2 | 40 | 19 | 25 | 10·9 | 9·9 | 9·3 | 5 | 0 | 2 | N | 4 | N | 3 | N | 3 | — | 23·0 |
| 13 | 46·8 | 43·9 | 44 5 | 42·3 | 25·2 | 28·8 | 41·0 | 34·4 | 34 | 16 | 24 | 10·0 | 9·5 | 9·9 | 5 | 5 | 0 | NNE | 2 | N | 2 | N | 3 | — | 25·0 |
| 14 | 46·7 | 44·4 | 44·6 | 44·7 | 25·2 | 31.2 | 43·3 | 35·0 | 21 | 11 | 20 | 7·0 | 7·4 | 8·5 | 10 | 5 | 5 | NNE | 1 | NNE | 2 | NNE | 1 | — | 25·0 |
| 15 | 46·7 | 44·3 | 44·7 | 45·2 | 22·8 | 28·6 | 42·4 | 34·6 | 29 | 13 | 23 | 8·6 | 7·9 | 9·4 | 3 | 0 | 0 | E | 1 | N | 2 | N | 2 | — | 26·0 |
| 16 | 46·3 | 44·1 | 44·5 | 41·6 | 24·2 | 30·0 | 40·8 | 33·2 | 26 | 14 | 24 | 8·3 | 7·8 | 9·0 | 1 | 0 | 0 | NNE | 1 | NNE | 2 | NNW | 1 | — | 20·0 |
| 17 | 45·3 | 43·0 | 44·6 | 38·8 | 25·4 | 28·8 | 38·4 | 31·6 | 26 | 11 | 23 | 7·8 | 5·5 | 8·0 | 0 | 0 | 0 | NNE | 1 | N | 2 | NNE | 2 | — | 19·0 |
| 18 | 46·2 | 44·8 | 45·8 | 39·0 | 18·2 | 25·8 | 37·4 | 31·0 | 25 | 11 | 22 | 6·1 | 5·4 | 7·4 | 0 | 0 | 0 | NNE | 1 | WSW | 1 | WSW | 2 | — | 14·0 |
| 19 | 47·2 | 45·6 | 46·9 | 41·2 | 18·4 | 26·6 | 40·4 | 32·8 | 36 | 12 | 19 | 9·2 | 6·6 | 7·3 | 0 | 0 | 0 | S | 1 | SSW | 1 | S | 1 | — | 15·0 |
| 20 | 47·8 | 45·5 | 46·2 | 43·2 | 21·7 | 28·6 | 41·4 | 35·0 | 27 | 11 | 18 | 7·9 | 6·4 | 7·5 | 2 | 5 | 8 | NNE | 1 | NNE | 2 | NNW | 3 | — | 23·0 |
| 21 | 47.7 | 45·1 | 45·8 | 43·2 | 27·3 | 30·6 | 42·2 | 35·2 | 26 | 11 | 23 | 8·6 | 6·9 | 9·8 | 3 | 0 | 0 | NNE | 3 | NNE | 1 | NNE | 2 | — | 23·0 |
| 22 | 46·9 | 43·8 | 45·1 | 42 6 | 26·2 | 30·0 | 42·4 | 33·6 | 25 | 12 | 24 | 8·0 | 7·2 | 9·4 | 0 | 5 | 0 | N | 3 | N | 3 | N | 3 | — | 25·0 |
| 23 | 47·1 | 44·4 | 45·0 | 40·8 | 25·2 | 28·4 | 38·2 | 33·0 | 31 | 21 | 21 | 9·0 | 10·8 | 7·8 | 8 | 5 | 2 | N | 3 | N | 2 | NNE | 3 | — | 26·0 |
| 24 | 48·2 | 45·6 | 46·2 | 39·8 | 25·0 | 27·4 | 38·2 | 31·8 | 40 | 14 | 19 | 10·9 | 7·2 | 6·6 | 10 | 10 | 0 | N | 3 | NE | 4 | N | 2 | — | 25·0 |
| 25 | 48·0 | 45·9 | 46·2 | 41·2 | 24·2 | 28·8 | 40·2 | 32·8 | 30 | 15 | 24 | 9·1 | 8·5 | 8·9 | 9 | 7 | 0 | N | 3 | N | 2 | N | 5 | — | 28·0 |
| 26 | 48·6 | 46·1 | 48·0 | 38·1 | 24·8 | 27·6 | 36·8 | 30·0 | 37 | 17 | 27 | 10·1 | 7·7 | 8·6 | 10 | 0 | 0 | N | 4 | NNE | 4 | NNE | 2 | — | 25·0 |
| 27 | 48·7 | 46·3 | 47·3 | 37·4 | 23·4 | 26·4 | 36·8 | 30·8 | 36 | 14 | 23 | 9·0 | 6·7 | 7·5 | 0 | 9 | 0 | N | 4 | N | 3 | NNE | 3 | — | 24·0 |
| 28 | 49·4 | 47·1 | 48·4 | 39·0 | 23·0 | 26·8 | 37·2 | 30·2 | 38 | 16 | 27 | 10·0 | 7·5 | 8·5 | 0 | 0 | 0 | N | 3 | N | 2 | N | 2 | — | 23·0 |
| 29 | 49·3 | 46·8 | 47·7 | 37·7 | 23·2 | 25·8 | 36·4 | 30·0 | 36 | 19 | 21 | 8·7 | 9·0 | 6·5 | 0 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 28·0 |
| 30 | 48·3 | 44·6 | 45·4 | 39·3 | 21·4 | 26·4 | 37·4 | 30·2 | 27 | 16 | 26 | 6·9 | 7·7 | 8·2 | 0 | 0 | 0 | NNE | 3 | N | 2 | NNE | 3 | — | 25·0 |
| Month | 47·33 | 45·08 | 45·73 | 39·9 | 24·0 | 28·2 | 38·6 | 32·5 | 32 | 16 | 24 | 9·1 | 8·2 | 8·7 | 3·3 | 3·0 | 1·1 | — | 2·5 | — | 2·7 | — | 2·8 | — | 22·90 |

Remarks:—

$C_h = +11$ mm.

## October 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 47·5 | 44·8 | 45·2 | 37·2 | 23·2 | 26·0 | 36·0 | 30·2 | 39 | 18 | 25 | 9·5 | 7·9 | 7·9 | 0 | 0 | 0 | N | 5 | N | 3 | N | 3 | — | 20·0 |
| 2 | 48·6 | 46·3 | 47·3 | 38·1 | 21·7 | 25·0 | 37·4 | 31·4 | 47 | 15 | 24 | 11·1 | 7·4 | 8·1 | 5 | 0 | 0 | N | 3 | N | 2 | N | 3 | — | 20·0 |
| 3 | 49·5 | 47·1 | 48·0 | 39·0 | 22·5 | 25·4 | 38·2 | 29·4 | 41 | 13 | 26 | 9·9 | 6·5 | 8·1 | 8 | 5 | 0 | NNE | 3 | NNE | 3 | NNE | 3 | — | 23·0 |
| 4 | 49·8 | 47·4 | 48·0 | 35·0 | 22·4 | 26·0 | 34·0 | 28·0 | 39 | 19 | 28 | 9·5 | 7·5 | 8·0 | 2 | 0 | 0 | N | 3 | N | 3 | N | 3 | — | 19·0 |
| 5 | 49·8 | 46·9 | 47·3 | 34·3 | 20·2 | 24·3 | 33·2 | 27·4 | 33 | 20 | 33 | 7·6 | 7·6 | 9·0 | 0 | 0 | 0 | NNE | 2 | N | 2 | N | 2 | — | 14·0 |
| 6 | 48·4 | 45·8 | 46·3 | 36 8 | 18·5 | 24·0 | 36·0 | 28·6 | 37 | 15 | 29 | 8·4 | 6·9 | 8·6 | 0 | 0 | 0 | NNE | 1 | N | 2 | NNE | 2 | — | 16·0 |
| 7 | 48·1 | 45·9 | 46·3 | 38·3 | 20·5 | 25·4 | 37·4 | 31·2 | 34 | 13 | 25 | 8·1 | 6·1 | 8·5 | 0 | 0 | 0 | NNE | 1 | NNE | 2 | N | 3 | — | 20·0 |
| 8 | 47·6 | 44·8 | 45·2 | 39·0 | 21·7 | 25·6 | 37·8 | 31·6 | 33 | 16 | 27 | 8·0 | 8·1 | 9·3 | 0 | 0 | 0 | N | 2 | N | 2 | N | 5 | — | 19·0 |
| 9 | 47·7 | 44·7 | 45·1 | 39·9 | 23·3 | 26·2 | 38·8 | 30·8 | 38 | 16 | 33 | 9·4 | 8·2 | 10·8 | 0 | 0 | 0 | N | 2 | NNE | 2 | NNE | 1 | — | 18·0 |
| 10 | 46·8 | 44·7 | 45 3 | 41·4 | 24·4 | 27·2 | 40·2 | 32·6 | 32 | 6 | 27 | 8·5 | 3·1 | 10·0 | 3 | 2 | 2 | N | 1 | N | 1 | N | 2 | — | 19·0 |
| 11 | 47·6 | 45·2 | 46·3 | 40·1 | 24·8 | 28·0 | 39·2 | 32·4 | 40 | 18 | 33 | 11·2 | 9·8 | 11·8 | 2 | 1 | 3 | N | 3 | N | 2 | N | 4 | — | 19·0 |
| 12 | 48·0 | 44·9 | 46·7 | 39·0 | 24·8 | 27·0 | 38·0 | 30·8 | 40 | 17 | 27 | 10·5 | 8·7 | 8·8 | 0 | 3 | 0 | N | 4 | N | 2 | N | 3 | — | 19·0 |
| 13 | 48·2 | 46·0 | 47·1 | 37·4 | 23·4 | 27·8 | 36·0 | 30·0 | 34 | 21 | 27 | 9·4 | 9·6 | 8·0 | 4 | 0 | 0 | NNE | 2 | N | 2 | N | 2 | — | 18·0 |
| 14 | 49·6 | 47·0 | 48·8 | 36·0 | 21·3 | 26·6 | 35·2 | 28·2 | 27 | 18 | 29 | 7·1 | 7·7 | 8·2 | 0 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 20·0 |
| 15 | 50·5 | 48·2 | 49·2 | 35·2 | 20·8 | 24·0 | 34·2 | 26·6 | 39 | 21 | 31 | 8·7 | 8·3 | 8·0 | 0 | 0 | 0 | NNE | 3 | N | 3 | N | 2 | — | 18·0 |
| 16 | 51·3 | 47·8 | 48·7 | 36·0 | 20·0 | 23·0 | 34·0 | 27·4 | 41 | 19 | 24 | 8·7 | 8·1 | 6·6 | 0 | 0 | 0 | NNE | 2 | N | 2 | N | 1 | — | 17·0 |
| 17 | 49·9 | 47·2 | 48·0 | 38·4 | 20·3 | 23·0 | 37·2 | 29·0 | 44 | 18 | 28 | 9·2 | 8·5 | 8·3 | 0 | 0 | 0 | N | 1 | N | 1 | N | 2 | — | 18·0 |
| 18 | 49·4 | 46·8 | 48·1 | 37·5 | 20·2 | 23·8 | 36·2 | 27·8 | 40 | 17 | 28 | 8·8 | 7·8 | 7·8 | 0 | 0 | 0 | N | 1 | N | 2 | N | 1 | — | 17·0 |
| 19 | 49·4 | 46·7 | 48·6 | 38·2 | 17·0 | 24·0 | 37·6 | 28·2 | 42 | 19 | 29 | 9·2 | 9·3 | 8·2 | 0 | 0 | 0 | N | 2 | N | 2 | NNE | 1 | — | 20·0 |
| 20 | 49·5 | 46·9 | 48·4 | 36·7 | 20·2 | 23·2 | 35·4 | 28·2 | 46 | 20 | 28 | 9·7 | 8·9 | 7·9 | 0 | 0 | 0 | N | 1 | N | 2 | N | 2 | — | 19·0 |
| 21 | 49·8 | 47·1 | 48·2 | 36·5 | 17·5 | 23·0 | 35·2 | 27·8 | 41 | 24 | 36 | 8·7 | 10·1 | 10·0 | 0 | 0 | 0 | N | 1 | N | 2 | N | 2 | — | 19·0 |
| 22 | 50·3 | 48·1 | 49·1 | 36·5 | 20·8 | 24·0 | 35·4 | 28·0 | 42 | 20 | 36 | 9·2 | 8·9 | 10·2 | 0 | 0 | 0 | N | 2 | N | 3 | N | 1 | — | 20·0 |
| 23 | 50·5 | 48·3 | 49·5 | 36·2 | 18·9 | 23·8 | 35·0 | 28·0 | 43 | 28 | 36 | 9·5 | 11·6 | 10·2 | 0 | 0 | 0 | N | 2 | N | 2 | N | 1 | — | 20·0 |
| 24 | 51·4 | 48·4 | 49·9 | 33·6 | 18·3 | 22·8 | 32·4 | 26·6 | 47 | 34 | 42 | 9·7 | 13·2 | 10·7 | 0 | 0 | 0 | N | 2 | N | 2 | N | 5 | — | 16·0 |
| 25 | 51·4 | 49·4 | 50·8 | 30·5 | 17·2 | 20·8 | 29·8 | 24·4 | 53 | 34 | 33 | 9·7 | 10·7 | 7·5 | 0 | 3 | 0 | N | 2 | N | 3 | N | 2 | — | 15·0 |
| 26 | 52·4 | 49·4 | 50·7 | 29·7 | 15·7 | 19·4 | 28·6 | 23·6 | 39 | 20 | 30 | 6·5 | 5·8 | 6·6 | 0 | 0 | 0 | N | 2 | N | 3 | N | 6 | — | 15·0 |
| 27 | 52·0 | 49·3 | 50·7 | 29·4 | 15·0 | 18·2 | 28·0 | 21·8 | 40 | 20 | 33 | 6·2 | 5·6 | 6·4 | 0 | 2 | 0 | N | 2 | NNW | 2 | N | 3 | — | 11·0 |
| 28 | 51·4 | 49·3 | 50·4 | 29·3 | 14·2 | 18·0 | 27·6 | 21·4 | 34 | 16 | 28 | 5·3 | 4·5 | 5·3 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 13·0 |
| 29 | 52·6 | 49·8 | 50·9 | 27·6 | 13·5 | 17·2 | 27·0 | 21·0 | 35 | 16 | 33 | 5·1 | 4·3 | 6·0 | 0 | 0 | 0 | NNE | 2 | N | 2 | N | 2 | — | 12·0 |
| 30 | 51·8 | 50·9 | 51·1 | 28·7 | 12·0 | 17·6 | 27·2 | 22·4 | 49 | 27 | 40 | 7·3 | 7·3 | 7·9 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 12·0 |
| 31 | 50·8 | 47·9 | 48·9 | 30·2 | 12·2 | 19·8 | 28·6 | 23·4 | 44 | 24 | 36 | 7·6 | 7·0 | 7·9 | 0 | 0 | 0 | N | 1 | N | 2 | N | 2 | — | 14·0 |
| Month | 49·76 | 47·19 | 48·20 | 35·5 | 19·6 | 23·6 | 34·4 | 27·7 | 40 | 19 | 30 | 8·6 | 7·9 | 8·4 | 0·8 | 0·5 | 0·2 | — | 2·1 | — | 2·2 | — | 2·5 | — | 17·42 |

Remarks:—

# WADI HALFA.

$\varphi = 21° 54' 49''$ N. $\lambda = 31° 19' 3''$ E. H = 128·3 m. $h_t = 1·7$ m.

$C_h = +11$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 50·7 | 49·1 | 49·6 | 29·7 | 16·2 | 21·2 | 28·4 | 22·6 | 39 | 26 | 36 | 7·3 | 7·5 | 7·2 | 0 | 0 | 0 | N | 4 | N | 3 | N | 3 | — | 12·0 |
| 2 | 51·5 | 49·5 | 50·5 | 29·3 | 15·2 | 18·6 | 28·2 | 23·0 | 42 | 26 | 34 | 6·7 | 7·3 | 7·0 | 0 | 0 | 0 | N | 1 | N | 2 | N | 3 | — | 13·0 |
| 3 | 51·9 | 49·9 | 50·2 | 28·9 | 15·4 | 19·0 | 28·2 | 22·4 | 41 | 24 | 27 | 6·7 | 6·7 | 5·5 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 14·0 |
| 4 | 51·8 | 49·8 | 50·2 | 28·0 | 14·7 | 17·4 | 27·2 | 21·4 | 52 | 20 | 33 | 7·7 | 5·3 | 6·3 | 0 | 0 | 0 | N | 2 | N | 2 | NNW | 3 | — | 13·0 |
| 5 | 52·2 | 50·2 | 51·3 | 26·0 | 14·5 | 16·8 | 25·2 | 20·0 | 42 | 26 | 37 | 6·0 | 6·2 | 6·4 | 0 | 0 | 0 | NNW | 1 | N | 4 | N | 2 | — | 11·0 |
| 6 | 53·0 | 50·4 | 51·3 | 27·0 | 10·5 | 15·8 | 25·8 | 20·2 | 42 | 23 | 40 | 5·7 | 5·6 | 7·1 | 2 | 0 | 2 | N | 2 | N | 3 | N | 1 | — | 12·0 |
| 7 | 53·4 | 50·5 | 51·6 | 27·0 | 10·7 | 16·4 | 26·0 | 20·4 | 51 | 26 | 36 | 7·0 | 6·3 | 6·4 | 0 | 0 | 0 | N | 2 | NNE | 3 | NNE | 1 | — | 11·0 |
| 8 | 52·3 | 50·3 | 51·7 | 28·2 | 11·8 | 16·8 | 26·6 | 21·8 | 53 | 23 | 27 | 7·5 | 5·9 | 5·3 | 0 | 3 | 0 | N | 2 | N | 2 | N | 2 | — | 10·0 |
| 9 | 52·4 | 50·3 | 51·2 | 29·5 | 10·7 | 16·4 | 28·4 | 22·4 | 42 | 18 | 31 | 5·8 | 5·1 | 6·2 | 2 | 4 | 3 | N | 1 | NNE | 2 | NNE | 1 | — | 11·0 |
| 10 | 52·0 | 50·2 | 50·5 | 30·0 | 14·3 | 16·6 | 29·2 | 22·8 | 56 | 17 | 28 | 7·9 | 5·2 | 5·7 | 0 | 0 | 0 | NNE | 1 | N | 2 | N | 3 | — | 13·0 |
| 11 | 52·4 | 49·9 | 50·4 | 29·0 | 15·9 | 17·4 | 26·8 | 21·8 | 56 | 28 | 34 | 8·2 | 7·2 | 6·6 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 13·0 |
| 12 | 52·0 | 49·6 | 50·2 | 28·7 | 14·0 | 16·2 | 27·2 | 21·6 | 55 | 25 | 30 | 7·4 | 6·7 | 5·7 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | — | 12·0 |
| 13 | 51·8 | 50·9 | 51·3 | 27·0 | 13·4 | 15·2 | 25·6 | 22·2 | 66 | 26 | 28 | 8·5 | 6·3 | 5·6 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | — | 11·0 |
| 14 | 51·1 | 49·0 | 49·6 | 30·5 | 12·6 | 15·4 | 29·8 | 23·4 | 53 | 22 | 34 | 6·9 | 6·9 | 7·3 | 2 | 2 | 0 | N | 1 | N | 1 | N | 1 | — | 10·0 |
| 15 | 50·5 | 48·8 | 49·1 | 33·0 | 12·4 | 17·4 | 30·4 | 24·0 | 42 | 22 | 33 | 6·2 | 7·2 | 7·2 | 0 | 0 | 0 | N | 2 | N | 1 | NNW | 2 | — | 15·0 |
| 16 | 52·2 | 50·0 | 51·3 | 27·6 | 13·0 | 17·2 | 26·2 | 20·8 | 36 | 22 | 32 | 5·3 | 5·6 | 5·9 | 0 | 0 | 0 | N | 2 | N | 3 | N | 2 | — | 12·0 |
| 17 | 52·6 | 50·3 | 50·6 | 26·5 | 11·7 | 14·6 | 25·8 | 20·4 | 55 | 22 | 29 | 6·9 | 5·3 | 5·1 | 1 | 3 | 0 | N | 2 | N | 2 | N | 2 | — | 11·0 |
| 18 | 51·9 | 49·2 | 50·0 | 29·1 | 12·2 | 15·4 | 27·0 | 21·8 | 51 | 27 | 33 | 6·6 | 7·1 | 6·4 | 0 | 2 | 0 | N | 2 | N | 2 | N | 3 | — | 12·0 |
| 19 | 50·7 | 48·1 | 50·2 | 30·8 | 15·4 | 18·2 | 29·4 | 22·8 | 50 | 34 | 33 | 7·7 | 10·3 | 6·8 | 0 | 3 | 0 | N | 1 | NNW | 2 | NE | 2 | — | 12·0 |
| 20 | 52·0 | 49·6 | 52·0 | 27·4 | 16·6 | 19·4 | 26·8 | 21·2 | 34 | 27 | 37 | 5·7 | 6·9 | 7·0 | 3 | 2 | 0 | N | 2 | N | 4 | N | 3 | — | 15·0 |
| 21 | 52·9 | 50·9 | 51·9 | 26·0 | 13·7 | 15·8 | 25·6 | 20·4 | 42 | 26 | 30 | 5·7 | 6·3 | 5·4 | 0 | 0 | 0 | N | 4 | N | 4 | N | 3 | — | 13·0 |
| 22 | 52·8 | 51·2 | 51·1 | 25·5 | 13·8 | 15·4 | 24·8 | 19·2 | 55 | 23 | 32 | 7·1 | 5·3 | 5·3 | 0 | 0 | 0 | N | 3 | NNW | 2 | N | 3 | — | 12·0 |
| 23 | 52·4 | 49·8 | 51·8 | 23·8 | 12·0 | 14·4 | 23·2 | 18·2 | 59 | 31 | 43 | 7·2 | 6·6 | 6·7 | 0 | 0 | 0 | N | 2 | N | 4 | N | 2 | — | 11·0 |
| 24 | 54·0 | 52·3 | 53·4 | 23·0 | 12·2 | 14·0 | 23·0 | 18·2 | 55 | 34 | 47 | 6·5 | 7·0 | 7·2 | 0 | 0 | 0 | NNE | 2 | N | 2 | N | 3 | — | 9·0 |
| 25 | 53·6 | 51·2 | 52·3 | 23·0 | 9·5 | 13·6 | 21·8 | 16·8 | 58 | 27 | 35 | 6·7 | 5·3 | 5·1 | 0 | 2 | 0 | N | 2 | N | 2 | N | 1 | — | 9·0 |
| 26 | 53·2 | 50·3 | 51·3 | 25·5 | 12·2 | 14·6 | 24·4 | 18·6 | 53 | 32 | 41 | 6·6 | 7·3 | 6·5 | 3 | 2 | 0 | N | 3 | N | 2 | N | 1 | — | 10·0 |
| 27 | 52·6 | 49·8 | 50·5 | 24·0 | 10·7 | 13·4 | 23·8 | 18·0 | 56 | 26 | 33 | 6·4 | 5·7 | 5·1 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 9·0 |
| 28 | 51·2 | 48·5 | 49·5 | 23·8 | 8·0 | 13·0 | 23·6 | 16·2 | 66 | 28 | 47 | 7·3 | 6·1 | 6·4 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 7·0 |
| 29 | 50·4 | 48·5 | 49·1 | 27·5 | 5·2 | 13·2 | 26·0 | 18·6 | 53 | 19 | 39 | 6·0 | 4·6 | 6·2 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 9·0 |
| 30 | 49·8 | 47·9 | 48·5 | 28·0 | 5·4 | 12·6 | 27·0 | 20·0 | 52 | 19 | 29 | 5·7 | 5·1 | 5·1 | 2 | 3 | 0 | E | 1 | NNE | 2 | N | 1 | — | 11·0 |
| Month | 52·04 | 49·87 | 50·74 | 27·4 | 12·5 | 16·0 | 26·4 | 20·7 | 50 | 25 | 34 | 6·8 | 6·3 | 6·2 | 0·5 | 0·9 | 0·2 | — | 1·9 | — | 2·2 | — | 2·1 | — | 11·43 |

**Remarks :—**

$C_h = +12$ mm.

## December 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | Direct. | Force | Direct. | Force | Direct. | Force | (mm.) | (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49·4 | 48·9 | 48·6 | 28·2 | 10·7 | — | 27·8 | 23·2 | — | 28 | 44 | — | 7·8 | 9·4 | 4 | 3 | 2 | NNE | 2 | N | 2 | N | 1 | — | 11·0 |
| 2 | 49·3 | 47·3 | 49·0 | 35·0 | — | 17·8 | 34·0 | 26·0 | 65 | 35 | 47 | 9·9 | 13·7 | 11·7 | 2 | 3 | 0 | SSE | 1 | SSW | 1 | N | 4 | — | 13·0 |
| 3 | 52·1 | 51·4 | 52·4 | 24·3 | 16·6 | 18·0 | 24·0 | 19·0 | 44 | 24 | 32 | 6·8 | 5·3 | 5·2 | 4 | 5 | 4 | N | 3 | NNW | 7 | N | 5 | — | 11·0 |
| 4 | 54·1 | 51·9 | 52·9 | 22·6 | 14·8 | 16·2 | 22·6 | 18·4 | 45 | 22 | 39 | 6·2 | 4·5 | 6·1 | 0 | 1 | 0 | N | 3 | N | 5 | N | 4 | — | 11·0 |
| 5 | 55·8 | 52·1 | 53·5 | 23·0 | 10·0 | 12·5 | 22·0 | 17·2 | 60 | 29 | 28 | 6·5 | 5·7 | 4·1 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 10·0 |
| 6 | 53·4 | 50·0 | 51·0 | 22·5 | 6·7 | 11·0 | 21·8 | 16·4 | 54 | 30 | 36 | 5·3 | 5·8 | 5·0 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 8·2 |
| 7 | 52·5 | 51·6 | 51·3 | 20·6 | 6·4 | 12·4 | 19·8 | 15·2 | 52 | 32 | 41 | 5·6 | 5·5 | 5·3 | 0 | 0 | 0 | N | 1 | N | 3 | N | 2 | — | 8·0 |
| 8 | 52·8 | 50·7 | 49·8 | 21·0 | 3·7 | 10·2 | 20·2 | 14·6 | 53 | 28 | 44 | 4·9 | 5·0 | 5·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | — | 8·0 |
| 9 | 51·4 | 48·8 | 50·6 | 20·8 | 4·2 | 10·4 | 20·4 | 14·2 | 56 | 23 | 33 | 5·2 | 4·1 | 4·1 | 0 | 0 | 0 | S | 1 | N | 2 | N | 1 | — | 6·0 |
| 10 | 50·9 | 48·4 | 50·9 | 25·3 | 4·2 | 9·8 | 24·2 | 15·4 | 52 | 17 | 81 | 4·7 | 3·8 | 10·5 | 0 | 0 | 0 | ESE | 1 | S | 2 | N | 1 | — | 7·0 |
| 11 | 53·0 | 51·2 | 52·3 | 20·0 | 7·0 | 11·6 | 19·8 | 13·4 | 34 | 33 | 56 | 3·4 | 5·7 | 6·4 | 0 | 1 | 0 | N | 3 | NNW | 4 | N | 2 | — | 6·0 |
| 12 | 53·6 | 51·3 | 51·9 | 20·8 | 5·4 | 10·4 | 20·6 | 15·8 | 60 | 28 | 46 | 5·7 | 5·0 | 6·1 | 0 | 0 | 0 | ESE | 1 | N | 3 | N | 1 | — | 6·0 |
| 13 | 53·8 | 51·2 | 52·4 | 22·3 | 6·8 | 10·4 | 22·2 | 16·2 | 58 | 20 | 31 | 5·4 | 4·0 | 4·2 | 0 | 0 | 0 | NE | 1 | N | 3 | N | 2 | — | 7·0 |
| 14 | 53·9 | 51·4 | 52·9 | 21·0 | 4·0 | 9·8 | 21·0 | 15·4 | 52 | 28 | 41 | 4·7 | 5·3 | 5·4 | 0 | 0 | 0 | N | 1 | N | 4 | N | 2 | — | 7·0 |
| 15 | 54·2 | 52·4 | 52·6 | 19·4 | 4·5 | 10·2 | 19·4 | 14·2 | 60 | 28 | 41 | 5·6 | 4·7 | 5·0 | 0 | 0 | 2 | E | 1 | NW | 4 | N | 3 | — | 7·0 |
| 16 | 54·1 | 52·3 | 53·4 | 19·8 | 3·2 | 9·2 | 19·6 | 13·4 | 53 | 30 | 50 | 4·6 | 5·1 | 5·7 | 0 | 0 | 0 | N | 1 | NNW | 3 | N | 1 | — | 7·0 |
| 17 | 56·9 | 54·9 | 56·4 | 18·2 | 5·2 | 10·4 | 18·2 | 13·0 | 58 | 29 | 45 | 5·4 | 4·5 | 5·0 | 2 | 4 | 0 | N | 1 | N | 5 | N | 2 | — | 7·0 |
| 18 | 57·9 | 55·6 | 56·0 | 18·2 | 3·5 | 8·0 | 18·2 | 13·6 | 55 | 35 | 44 | 4·3 | 5·4 | 5·1 | 3 | 2 | 0 | N | 4 | NNE | 5 | N | 3 | — | 8·0 |
| 19 | 57·5 | 54·8 | 55·7 | 19·2 | 3·6 | 9·0 | 19·2 | 14·4 | 66 | 29 | 46 | 5·6 | 4·8 | 5·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 1 | — | 9·0 |
| 20 | 56·8 | 54·9 | 56·5 | 20·8 | 5·7 | 9·6 | 19·8 | 13·8 | 59 | 27 | 41 | 5·3 | 4·7 | 4·8 | 0 | 3 | 0 | NE | 1 | N | 4 | N | 5 | — | 8·0 |
| 21 | 57·5 | 54·8 | 56·0 | 21·0 | 5·8 | 10·2 | 21·0 | 14·8 | 53 | 20 | 35 | 4·9 | 3·7 | 4·4 | 0 | 0 | 0 | N | 3 | N | 3 | NNE | 3 | — | 9·0 |
| 22 | 57·6 | 55·5 | 57·6 | 19·8 | 4·7 | 10·0 | 19·6 | 13·8 | 62 | 27 | 45 | 5·7 | 4·6 | 5·2 | 0 | 0 | 0 | NNE | 1 | NNE | 4 | N | 4 | — | 9·0 |
| 23 | 58·9 | 57·4 | 58·1 | 18·6 | 4·6 | 9·4 | 18·6 | 12·4 | 63 | 28 | 38 | 5·6 | 4·5 | 4·0 | 0 | 0 | 0 | NE | 2 | N | 4 | N | 2 | — | 9·0 |
| 24 | 60·1 | 57·6 | 57·9 | 21·0 | 5·2 | 8·4 | 20·0 | 14·6 | 60 | 25 | 37 | 4·9 | 4·3 | 4·5 | 0 | 0 | 0 | NE | 2 | NNE | 3 | NNE | 2 | — | 10·0 |
| 25 | 58·0 | 55·5 | 56·0 | 21·5 | 5·0 | 10·0 | 21·4 | 15·6 | 64 | 28 | 37 | 5·9 | 5·3 | 4·8 | 0 | 0 | 0 | NE | 3 | N | 3 | N | 2 | — | 8·0 |
| 26 | 56·8 | 54·3 | 54·4 | 21·8 | 7·3 | 10·6 | 21·6 | 14·8 | 63 | 28 | 49 | 6·0 | 5·4 | 6·0 | 0 | 0 | 0 | NE | 3 | N | 3 | N | 1 | — | 8·0 |
| 27 | 55·7 | 52·9 | 53·8 | 24·0 | 7·0 | 11·4 | 23·8 | 17·4 | 66 | 33 | 42 | 6·7 | 7·3 | 6·2 | 0 | 1 | 0 | NE | 2 | NNE | 2 | N | 3 | — | 7·5 |
| 28 | 54·2 | 51·8 | 52·6 | 25·7 | 8·5 | 11·0 | 25·6 | 15·6 | 52 | 13 | 30 | 5·1 | 3·2 | 3·9 | 3 | 4 | 0 | NE | 2 | N | 3 | N | 1 | — | 8·0 |
| 29 | 53·0 | 50·7 | 52·2 | 29·2 | 4·6 | 11·2 | 28·2 | 18·6 | 41 | 11 | 28 | 4·1 | 3·3 | 4·5 | 0 | 2 | 0 | SE | 1 | NE | 3 | N | 2 | — | 11·0 |
| 30 | 52·7 | 52·3 | 52·4 | 30·0 | 6·8 | 10·8 | 29·2 | 20·4 | 50 | 27 | 45 | 4·8 | 8·2 | 8·0 | 3 | 1 | 2 | SE | 1 | SE | 2 | N | 1 | — | 11·0 |
| 31 | 54·1 | 50·4 | 51·6 | 31·4 | 10·6 | 14·4 | 29·6 | 23·4 | 55 | 28 | 33 | 6·7 | 8·6 | 7·0 | 2 | 2 | 0 | NE | 3 | SW | 2 | N | 2 | — | 9·0 |
| Month | 54·58 | 52·27 | 53·31 | 22·8 | 6·5 | 11·1 | 22·4 | 16·3 | 56 | 27 | 41 | 5·5 | 5·4 | 5·8 | 0·7 | 1·0 | 0·3 | — | 1·9 | — | 3·1 | — | 2·2 | — | 8·60 |

**Remarks :—**

# MEROWE.

φ = 18° 29′ 24″ N. λ = 31° 49′ 33″ E. H = 255·1 m. $h_t$ = 1·5 m.

$C_h$ = + 22 mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 42·5 | 40·0 | 41·8 | 25·2 | 9·5 | 13·5 | 24·8 | 18·8 | 49 | 18 | 27 | 5·6 | 4·3 | 4·5 | 0 | 0 | 0 | NNE | 1 | NE | 2 | NNW | 1 | — | 9·8 |
| 2 | 42·6 | 41·2 | 42·2 | 24·8 | 9·5 | 12·6 | 24·8 | 12·9 | 42 | 17 | 67 | 4·6 | 4·0 | 7·4 | 0 | 0 | 0 | NW | 1 | NNE | 2 | NW | 1 | — | 11·2 |
| 3 | 41·4 | 38·7 | 40·4 | 26·8 | 8·0 | 12·0 | 26·2 | 18·0 | 43 | 15 | 30 | 4·5 | 3·8 | 4·6 | 0 | 0 | 0 | N | 1 | NNE | 2 | N | 1 | — | 11·0 |
| 4 | 40·9 | 38·3 | 39·5 | 27·2 | 8·8 | — | 26·9 | 19·5 | — | 21 | 27 | — | 5·4 | 4·5 | 0 | 0 | 0 | NE | 1 | NE | 2 | NE | 1 | — | 9·2 |
| 5 | 41·2 | 38·7 | 38·4 | 29·0 | — | 16·5 | 28·8 | 21·2 | 33 | 0 | 40 | 4·6 | 0·1 | 7·5 | 0 | 0 | 0 | N | 1 | N | 1 | NE | 1 | — | 7·3 |
| 6 | 38·0 | 35·9 | 37·0 | 32·5 | 13·5 | 18·0 | 31·2 | 26·5 | 53 | 29 | 27 | 8·1 | 9·7 | 6·8 | 0 | 0 | 0 | N | 1 | W | 1 | NW | 1 | — | 11·3 |
| 7 | 37·6 | 36·9 | 38·7 | 28·8 | 16·0 | 19·4 | 24·2 | 23·8 | 50 | 41 | 27 | 8·3 | 9·3 | 5·9 | 0 | 0 | 0 | W | 1 | WNW | 2 | W | 1 | — | 10·3 |
| 8 | 40·1 | 38·2 | 39·8 | 26·0 | 12·2 | 15·0 | 25·8 | 18·2 | 47 | 11 | 23 | 5·9 | 2·7 | 3·6 | 0 | 0 | 0 | N | 2 | NNW | 1 | NNW | 2 | — | 10·0 |
| 9 | 41·9 | 39·3 | 40·5 | 26·0 | 8·5 | 12·4 | 25·2 | 19·8 | 40 | 10 | 13 | 4·2 | 2·5 | 2·3 | 0 | 2 | 0 | NW | 1 | NNE | 1 | NW | 1 | — | 8·6 |
| 10 | 41·2 | 38·2 | 39·1 | 30·0 | 10·2 | 14·8 | 27·5 | 20·4 | 26 | 24 | 41 | 3·2 | 6·5 | 7·3 | 0 | 0 | 0 | N | 1 | NNE | 2 | N | 1 | — | 10·1 |
| 11 | 40·1 | 37·4 | 38·1 | 31·8 | 11·8 | 16·2 | 31·5 | 22·8 | 35 | 16 | 28 | 4·8 | 5·6 | 5·9 | 0 | 0 | 0 | W | 1 | NW | 1 | SW | 1 | — | 11·0 |
| 12 | 38·5 | 36·2 | 38·8 | 31·0 | 13·0 | 17·5 | 30·5 | 21·5 | 30 | 10 | 23 | 4·4 | 3·2 | 4·4 | 0 | 2 | 0 | NW | 1 | N | 1 | SW | 1 | — | 13·8 |
| 13 | 38·8 | 37·4 | 39·8 | 31·5 | 11·0 | 15·8 | 30·5 | 22·0 | 33 | 14 | 17 | 4·5 | 4·4 | 3·4 | 0 | 0 | 0 | NE | 1 | NE | 1 | NNW | 2 | — | 9·8 |
| 14 | 40·4 | 38·0 | 39·7 | 30·2 | 13·0 | 16·4 | 29·5 | 22·5 | 25 | 24 | 32 | 3·5 | 7·4 | 6·5 | 1 | 0 | 0 | NW | 1 | NE | 1 | NNW | 1 | — | 11·5 |
| 15 | 39·7 | 38·5 | 38·4 | 31·5 | 12·2 | 16·8 | 30·5 | 24·2 | 29 | 23 | 24 | 4·1 | 7·4 | 5·4 | 0 | 1 | 0 | NE | 1 | SW | 1 | WNW | 2 | — | 11·2 |
| 16 | 40·2 | 39·6 | 40·0 | 27·5 | 12·2 | 16·8 | 27·0 | 21·0 | 29 | 13 | 19 | 4·1 | 3·3 | 3·5 | 1 | 0 | 0 | WNW | 1 | NNW | 1 | WNW | 1 | — | 12·8 |
| 17 | 42·4 | 41·3 | 43·6 | 24·2 | 9·8 | 12·8 | 23·5 | 17·5 | 36 | 15 | 30 | 4·0 | 3·2 | 4·4 | 0 | 2 | 0 | NW | 1 | NNW | 2 | SW | 1 | — | 10·3 |
| 18 | 45·1 | 43·0 | 44·4 | 23·2 | 10·5 | 13·4 | 23·2 | 17·5 | 36 | 17 | 30 | 4·1 | 3·7 | 4·4 | 0 | 0 | 0 | N | 3 | NNE | 3 | NNW | 2 | — | 10·6 |
| 19 | 44·2 | 41·2 | 41·3 | 24·8 | 8·5 | 12·0 | 24·2 | 17·8 | 43 | 12 | 29 | 4·5 | 2·7 | 4·4 | 2 | 4 | 8 | N | 2 | NNE | 2 | NW | 2 | — | 10·1 |
| 20 | 42·3 | 40·8 | 40·7 | 25·8 | 10·8 | 14·0 | 25·0 | 17·8 | 47 | 25 | 33 | 5·6 | 5·9 | 5·1 | 1 | 1 | 0 | N | 2 | NNE | 2 | NNW | 1 | — | 9·3 |
| 21 | 40·8 | 38·4 | 39·1 | 28·5 | 11·0 | 14·8 | 25·5 | 17·8 | 39 | 10 | 42 | 4·8 | 2·5 | 6·3 | 0 | 0 | 0 | N | 1 | N | 1 | NW | 1 | — | 10·0 |
| 22 | 40·2 | 37·9 | 39·5 | 30·5 | 12·5 | 15·8 | 24·8 | 22·2 | 44 | 55 | 46 | 5·9 | 12·8 | 9·0 | 0 | 0 | 0 | N | 1 | NW | 1 | WNW | 1 | — | 11·7 |
| 23 | 39·5 | 37·3 | 38·2 | 31·8 | 14·6 | 18·4 | 31·0 | 25·2 | 34 | 26 | 27 | 5·3 | 8·7 | 6·5 | 0 | 0 | 0 | N | 1 | NW | 1 | NNW | 2 | — | 13·6 |
| 24 | 40·2 | 39·2 | 39·0 | 30·0 | 13·5 | 17·0 | 29·5 | 23·2 | 26 | 16 | 11 | 3·7 | 5·0 | 2·4 | 1 | 2 | 0 | NW | 1 | NNE | 2 | NNW | 4 | — | 14·5 |
| 25 | 41·9 | 38·9 | 41·6 | 30·0 | 12·0 | 16·0 | 29·0 | 22·5 | 24 | 23 | 20 | 3·2 | 6·8 | 4·1 | 1 | 2 | 0 | N | 2 | N | 1 | NNW | 2 | — | 11·9 |
| 26 | 41·5 | 39·4 | 39·9 | 29·6 | 13·0 | 16·4 | 28·8 | 21·5 | 21 | 24 | 28 | 3·0 | 7·2 | 5·3 | 3 | 2 | 0 | N | 2 | NE | 1 | NW | 1 | — | 12·0 |
| 27 | 40·1 | 38·6 | 39·7 | 29·4 | 11·5 | 15·6 | 28·5 | 22·5 | 33 | 19 | 28 | 4·4 | 5·6 | 5·7 | 3 | 2 | 1 | N | 1 | N | 1 | NW | 1 | — | 14·8 |
| 28 | 40·3 | 38·0 | 39·8 | 29·6 | 12·2 | 17·0 | 24·2 | 22·0 | 19 | 38 | 8 | 2·8 | 8·5 | 1·6 | 2 | 3 | 1 | N | 1 | NNW | 2 | NNE | 3 | — | 11·6 |
| 29 | 42·3 | 40·8 | 40·3 | 27·2 | 12·0 | 13·6 | 26·1 | 19·0 | 26 | 5 | 15 | 3·0 | 1·2 | 2·4 | 6 | 3 | 0 | N | 2 | NNE | 2 | ENE | 1 | — | 11·0 |
| 30 | 39·7 | 38·9 | 39·8 | 28·8 | 9·5 | 13·5 | 23·5 | 21·8 | 22 | 35 | 20 | 2·5 | 7·5 | 3·9 | 1 | 2 | 0 | N | 1 | NW | 1 | NNW | 2 | — | 11·3 |
| 31 | 40·2 | 37·4 | 38·6 | 27.5 | 10·0 | 13·8 | 27·0 | 20·7 | 25 | 11 | 17 | 3·0 | 2.7 | 3·1 | 0 | 0 | 0 | N | 1 | NW | 2 | NNW | 1 | — | 11·3 |
| Month | 40·83 | 38·83 | 39·93 | 28·4 | 11·4 | 15·3 | 27·0 | 20·7 | 35 | 20 | 27 | 4·5 | 5·3 | 4·9 | 0·7 | 0·9 | 0·3 | — | 1·3 | — | 1·5 | — | 1·4 | — | 11·06 |

**Remarks:—**

$C_h$ = + 22 mm.

## February 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 40·3 | 37·5 | 39·9 | 29·0 | 10·5 | 13·6 | 28·2 | 22·0 | 27 | 19 | 17 | 3·1 | 5·4 | 3·4 | 0 | 0 | 0 | NNE | 1 | N | 2 | NW | 1 | — | 15·3 |
| 2 | 41·0 | 39·8 | 40·2 | 28·8 | 11·5 | 13·8 | 28·8 | 21·8 | 29 | 10 | 18 | 3·4 | 2·8 | 3·5 | 1 | 0 | 0 | N | 2 | NNE | 3 | NNE | 2 | — | 10·9 |
| 3 | 40·7 | 38·0 | 39·8 | 28·5 | 10·8 | 14·0 | 28·0 | 21·2 | 32 | 11 | 17 | 3·8 | 3·1 | 3·2 | 0 | 1 | 0 | NW | 1 | N | 1 | NNW | 2 | — | 11·1 |
| 4 | 38·8 | 36·7 | 37·4 | 28·6 | 10·2 | 14·2 | 28·2 | 21·8 | 33 | 22 | 22 | 4·1 | 6·4 | 4·3 | 1 | 1 | 2 | W | 1 | NNW | 1 | SW | 1 | — | 14·6 |
| 5 | 39·0 | 38·8 | 39·1 | 27·2 | 13·0 | 17·0 | 27·0 | 21·2 | 22 | 7 | 16 | 3·2 | 1·9 | 3·0 | 2 | 2 | 1 | N | 2 | NNW | 2 | NNW | 3 | — | 11·1 |
| 6 | 40·9 | 39·1 | 40·6 | 24·4 | 10·6 | 13·2 | 24·0 | 19·0 | 51 | 23 | 23 | 5·8 | 5·2 | 3·7 | 0 | 0 | 0 | N | 2 | N | 2 | NW | 2 | — | 9·9 |
| 7 | 41·8 | 40·8 | 41·8 | 27·0 | 9·4 | 12·4 | 26·0 | 19·0 | 45 | 16 | 26 | 4·8 | 3·9 | 4·3 | 0 | 0 | 0 | NW | 1 | NW | 1 | W | 1 | — | 9·2 |
| 8 | 41·8 | 39·2 | 41·0 | 27·2 | 9·6 | 14·6 | 27·0 | 19·0 | 35 | 13 | 29 | 4·3 | 3·3 | 4·7 | 0 | 0 | 0 | NW | 1 | N | 2 | NW | 1 | — | 10·1 |
| 9 | 40·2 | 38·5 | 37·9 | 29·8 | 9·5 | 14·6 | 28·5 | 22·0 | 39 | 10 | 23 | 4·7 | 2·8 | 4·7 | 0 | 0 | 0 | W | 1 | NW | 1 | NNW | 2 | — | 12·5 |
| 10 | 38·7 | 36·7 | 37·6 | 29·5 | 11·5 | 15·5 | 29·2 | 21·2 | 31 | 9 | 19 | 4·0 | 2·6 | 3·6 | 4 | 2 | 0 | NNE | 1 | SW | 1 | NNW | 2 | — | 12·6 |
| 11 | 39·1 | 36·9 | 37·9 | 28·5 | 12·0 | 16·2 | 28·0 | 21·5 | 20 | 6 | 19 | 2·9 | 1·7 | 3·7 | 0 | 2 | 0 | N | 1 | N | 2 | NNW | 2 | — | 9·3 |
| 12 | 38·3 | 35·9 | 37·6 | 27·2 | 12·6 | 15·0 | 26·2 | 19·5 | 34 | 13 | 21 | 4·4 | 3·1 | 3·5 | 9 | 4 | 0 | N | 2 | N | 2 | NW | 1 | — | 8·4 |
| 13 | 35·0 | 32·6 | 32·1 | 32·4 | 12·0 | 14·8 | 28·0 | 23·8 | 33 | 16 | 24 | 4·1 | 4·5 | 5·3 | 8 | 9 | 2 | N | 2 | SW | 1 | SW | 1 | — | 14·7 |
| 14 | 32·4 | 30·2 | 32·3 | 33·8 | 14·2 | 19·8 | 33·0 | 26·0 | 33 | 8 | 20 | 5·7 | 3·1 | 5·0 | 9 | 6 | 10 | SW | 1 | W | 1 | NNW | 2 | — | 10·5 |
| 15 | 37·8 | 37·6 | 39·1 | 26·6 | 19·0 | 21·5 | 26·0 | 18·5 | 42 | 33 | 56 | 8·0 | 8·2 | 8·9 | 6 | 4 | 3 | N | 2 | NNE | 3 | N | 4 | — | 7·5 |
| 16 | 39·7 | 39·8 | 39·3 | 25·5 | 16·0 | 17·5 | 24·8 | 18·8 | 55 | 32 | 49 | 8·2 | 7·4 | 7·9 | 7 | 5 | 0 | NE | 2 | NNE | 3 | NNE | 2 | — | 14·0 |
| 17 | 40·1 | 38·3 | 39·2 | 26·5 | 12·5 | 15·0 | 26·5 | 20·0 | 78 | 10 | 19 | 9·9 | 2·6 | 3·4 | 0 | 0 | 0 | N | 1 | NNE | 3 | N | 2 | — | 14·0 |
| 18 | 41·2 | 39·9 | 40·3 | 25·4 | 10·5 | 14·8 | 20·0 | 17·5 | 32 | 31 | 14 | 4·0 | 5·4 | 2·1 | 1 | 0 | 0 | N | 2 | N | 2 | N | 2 | — | 13·5 |
| 19 | 41·5 | 39·4 | 40·5 | 24·8 | 12·0 | 12·0 | 24·0 | 17·5 | 33 | 4 | 17 | 3·4 | 1·0 | 2·5 | 0 | 0 | 0 | N | 2 | N | 2 | NNW | 1 | — | 13·8 |
| 20 | 41·7 | 40·9 | 42·0 | 26·4 | 8·0 | 12·8 | 26·0 | 13·5 | 32 | 4 | 41 | 3·6 | 0·9 | 4·7 | 1 | 1 | 1 | N | 2 | NNE | 3 | N | 1 | — | 15·2 |
| 21 | 41·2 | 40·0 | 40·2 | 28·5 | 9·5 | 14·8 | 27·8 | 20·2 | 30 | 5 | 10 | 3·7 | 1·4 | 1·8 | 2 | 2 | 0 | NE | 1 | NE | 2 | NW | 1 | — | 10·6 |
| 22 | 39·6 | 38·4 | 37·0 | 32·5 | 10·8 | 16·2 | 31·0 | 23·0 | 35 | 14 | 17 | 4·7 | 4·7 | 3·5 | 0 | 0 | 0 | N | 1 | SW | 1 | N | 1 | — | 10·4 |
| 23 | 38·1 | 35·5 | 35·3 | 35·5 | 12·2 | 18·0 | 34·0 | 26·0 | 26 | 10 | 18 | 4·1 | 4·0 | 4·3 | 0 | 0 | 0 | N | 1 | W | 1 | SW | 1 | — | 14·2 |
| 24 | 36·9 | 35·2 | 36·8 | 36·8 | 13·8 | 19·5 | 36·0 | 25·5 | 28 | 4 | 16 | 4·6 | 1·6 | 3·8 | 0 | 0 | 0 | N | 1 | N | 1 | W | 1 | — | 14·4 |
| 25 | 38·4 | 37·1 | 38·3 | 35·2 | 15·5 | 19·8 | 34·0 | 25·0 | 19 | 4 | 12 | 3·2 | 1·8 | 2·8 | 0 | 0 | 0 | NE | 1 | NE | 2 | N | 1 | — | 18·7 |
| 26 | 39·2 | 39·0 | 39·1 | 31·8 | 13·6 | 18·2 | 31·0 | 22·2 | 18 | 8 | 10 | 2·8 | 2·6 | 1·9 | 0 | 0 | 0 | NE | 1 | NNW | 2 | N | 4 | — | 14·5 |
| 27 | 40·4 | 37·6 | 38·8 | 30·2 | 11·5 | 17·0 | 29·2 | 22·0 | 19 | 12 | 12 | 2·8 | 3·4 | 2·5 | 0 | 1 | 0 | N | 2 | N | 2 | NNW | 2 | — | 13·4 |
| 28 | 39·2 | 36·8 | 37·8 | 31·2 | 11·5 | 16·2 | 30·0 | 22·4 | 24 | 8 | 13 | 3·3 | 2·4 | 2·6 | 0 | 0 | 0 | NNW | 1 | N | 2 | W | 1 | — | 13·2 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Month | 39·39 | 37·72 | 38·53 | 29·2 | 11·9 | 15·8 | 28·2 | 21·1 | 33 | 13 | 21 | 4·4 | 3·5 | 3·9 | 1·8 | 1·4 | 0·7 | — | 1·4 | — | 1·8 | — | 1·7 | — | 12·41 |

**Remarks:—**

# MEROWE.

$\varphi = 18° 29' 24''$ N. $\lambda = 31° 49' 33''$ E. H = 255·1 m. $h_t = 1·5$ m.

$C_h = +22$ mm. **March 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 38·5 | 36·1 | 35·8 | 33·4 | 12·0 | 17·8 | 32·0 | 24·8 | 20 | 8 | 9 | 3·0 | 3·0 | 2·0 | 0 | 2 | 0 | NNE | 1 | NNE | 1 | NW | 1 | — | 15·1 |
| 2 | 36·9 | 34·3 | 34·9 | 36·2 | 13·0 | 18·8 | 35·8 | 25·9 | 24 | 6 | 10 | 3·8 | 2·8 | 2·6 | 0 | 3 | 0 | NW | 1 | N | 1 | W | 1 | — | 18·8 |
| 3 | 35·0 | 32·6 | 33·4 | 39·8 | 16·2 | 21·2 | 39·0 | 30·7 | 19 | 8 | 7 | 3·6 | 4·1 | 2·4 | 2 | 2 | 0 | NNW | 1 | W | 1 | NW | 2 | — | 18·5 |
| 4 | 37·9 | 36·3 | 39·1 | 25·8 | 17·0 | 18·8 | 25·5 | 20·0 | 18 | 13 | 17 | 2·9 | 3·2 | 2·9 | 1 | 0 | 0 | N | 5 | N | 8 | NNW | 4 | — | 13·4 |
| 5 | 41·4 | 38·7 | 40·0 | 22.8 | 9·8 | 12·0 | 22·0 | 18·4 | 22 | 7 | 12 | 2·3 | 1·3 | 2·0 | 3 | 2 | 1 | N | 3 | NNE | 2 | NNW | 4 | — | 12·7 |
| 6 | 42·3 | 36·8 | 42·3 | 22·0 | 9·6 | 12·4 | 21·2 | 16·5 | 25 | 9 | 14 | 2·7 | 1·7 | 2·0 | 1 | 0 | 0 | N | 5 | N | 3 | N | 2 | — | 12·4 |
| 7 | 43·5 | 41·4 | 41·3 | 23·0 | 8·0 | 11·5 | 21·8 | 17·5 | 26 | 11 | 21 | 2·6 | 2·0 | 3·2 | 0 | 0 | 0 | N | 3 | N | 3 | N | 2 | — | 13·3 |
| 8 | 42·9 | 40·2 | 41·8 | 26·5 | 10·5 | 13·5 | 25·8 | 20·0 | 36 | 11 | 17 | 4·1 | 2·7 | 2·9 | 0 | 0 | 0 | N | 4 | N | 2 | N | 2 | — | 13·0 |
| 9 | 41·8 | 39·3 | 40·3 | 26·0 | 12·5 | 16·5 | 25·0 | — | 21 | 11 | — | 2·9 | 2·6 | — | 0 | 0 | 0 | N | 3 | WNW | 2 | NW | 1 | — | 11·1 |
| 10 | 42·0 | 40·9 | 41·0 | 23·8 | 10·6 | 14·8 | 22·8 | 19·4 | 27 | 13 | 18 | 3·4 | 2·6 | 3·0 | 0 | 0 | 0 | N | 1 | NW | 1 | NNW | 2 | — | 10·6 |
| 11 | 40·6 | 38·2 | 38·7 | 29·4 | 10·2 | 15·2 | 27·8 | 22·2 | 27 | 8 | 12 | 3·5 | 2·1 | 2·3 | 0 | 2 | 0 | N | 1 | NW | 1 | NNW | 1 | — | 15·7 |
| 12 | 39.4 | 37·1 | 38·3 | 30·8 | 10·2 | 15·6 | 30·0 | 23·8 | 21 | 7 | 9 | 2·8 | 2·1 | 2·0 | 0 | 0 | 0 | N | 1 | W | 1 | NNW | 2 | — | 15·8 |
| 13 | 41·4 | 40·8 | 40·4 | 27·5 | 13·0 | 16·8 | 26·8 | 20·5 | 25 | 5 | 14 | 3·6 | 1·4 | 2·6 | 1 | 0 | 0 | N | 2 | N | 4 | NNW | 2 | — | 15·3 |
| 14 | 41·8 | 39·3 | 39·1 | 26·5 | 10·5 | 15·0 | 25·0 | 20·5 | 28 | 10 | 12 | 3·6 | 2·2 | 2·2 | 1 | 1 | 2 | N | 5 | N | 2 | N | 1 | — | 14·5 |
| 15 | 39·9 | 38·4 | 37·9 | 30·5 | 11·5 | 16·5 | 30·0 | 21·8 | 21 | 2 | 11 | 2·9 | 0·5 | 2·0 | 0 | 0 | 0 | N | 1 | NNE | 2 | N | 1 | — | 16·0 |
| 16 | 38·8 | 38·2 | 37·3 | 31·4 | 11·5 | 17·4 | 30·5 | 23·8 | 17 | 6 | 7 | 2·6 | 1·8 | 1·5 | 0 | 2 | 2 | N | 1 | N | 2 | NNW | 1 | — | 17·6 |
| 17 | 37·9 | 35·2 | 36·4 | 32·8 | 13·5 | 18·2 | 31·8 | 25·5 | 18 | 5 | 5 | 2·8 | 1·7 | 1·2 | 1 | 3 | 1 | NNE | 1 | N | 1 | NNW | 2 | — | 17·0 |
| 18 | 36·8 | 35·0 | 37·5 | 31·2 | 15·5 | 19·5 | 30·8 | 24·5 | 6 | 0 | 0 | 1·0 | 0·0 | 0·1 | 0 | 2 | 0 | N | 1 | NW | 3 | NNW | 2 | — | 15·6 |
| 19 | 38·2 | 36·8 | 37·7 | 31·0 | 14·5 | 20·0 | 29·8 | 23·2 | 9 | 1 | 4 | 1·6 | 0·2 | 0·8 | 3 | 2 | 1 | NNW | 3 | N | 3 | NNW | 2 | — | 18·0 |
| 20 | 39·3 | 37·4 | 39·4 | 32·2 | 13·0 | 17·8 | 31·5 | 24·2 | 14 | 2 | 3 | 2·1 | 0·5 | 0·7 | 1 | 2 | 1 | NE | 1 | N | 2 | NNW | 2 | — | 16·1 |
| 21 | 38·6 | 36·6 | 38·5 | 32·0 | 14·5 | 20·5 | 31·0 | 24·2 | 2 | 0 | 8 | 0·4 | 0·0 | 1·7 | 1 | 0 | 1 | NNW | 3 | N | 3 | NNW | 2 | — | 16·5 |
| 22 | 40·1 | 36·6 | 36·9 | 31·5 | 14·5 | 19·5 | 30·5 | 24·0 | 7 | 8 | 7 | 1·2 | 2·5 | 1·6 | 0 | 2 | 0 | N | 2 | N | 2 | WNW | 2 | — | 12·5 |
| 23 | 36·3 | 34·6 | 35·4 | 33·6 | 8·5 | 19·5 | 32·5 | 25·0 | 17 | 6 | 10 | 2·8 | 2·0 | 2·2 | 0 | 2 | 0 | NE | 1 | W | 1 | N | 1 | — | 11·0 |
| 24 | 35·4 | 34·5 | 35·4 | 36·0 | 8·5 | 21·0 | 34·8 | 26·8 | 14 | 7 | 11 | 2·5 | 2·8 | 2·8 | 0 | 0 | 0 | NNW | 1 | NW | 1 | W | 1 | — | 13·7 |
| 25 | 36·8 | 35·9 | 36·6 | 37·2 | 11·0 | 23·5 | 36·6 | 27·8 | 13 | 7 | 13 | 2·9 | 3·2 | 3·5 | 0 | 0 | 0 | N | 1 | W | 1 | SW | 1 | — | 13·5 |
| 26 | 39·4 | 35·2 | 37·0 | 36·0 | 17·0 | 24·0 | 35·0 | 27·0 | 11 | 5 | 11 | 2·5 | 1·9 | 2·9 | 0 | 0 | 0 | Calm | 0 | SW | 1 | SW | 1 | — | 14·0 |
| 27 | 36·1 | 35·2 | 36·8 | 34·5 | 19·0 | 25·0 | 33·5 | 27·8 | 8 | 2 | 5 | 1·9 | 0·6 | 1·4 | 0 | 0 | 0 | N | 2 | W | 1 | NW | 2 | — | 14·0 |
| 28 | 37·3 | 35·3 | 35·4 | 35·0 | 19·0 | 25·5 | 30·0 | 29·2 | 9 | 20 | 11 | 2·2 | 6·2 | 3·3 | 0 | 0 | 0 | NW | 1 | NNW | 2 | NW | 1 | — | 14·5 |
| 29 | 37·4 | 34·9 | 36·9 | 37·2 | 20·0 | 26·0 | 31·2 | 30·0 | 10 | 20 | 14 | 2·5 | 6·7 | 4·4 | 0 | 0 | 0 | NNW | 2 | NW | 1 | NW | 2 | — | 12·1 |
| 30 | 36·8 | 35·7 | 36·8 | 38·5 | 19·5 | 26·0 | 37·6 | 29·8 | 16 | 13 | 12 | 3·9 | 6·3 | 4·0 | 0 | 0 | 0 | NNW | 1 | NW | 1 | — | — | — | 12·0 |
| 31 | 36·1 | 34·9 | 35·3 | 39·5 | 18·0 | 25·0 | 38·5 | 30·0 | 22 | 5 | 15 | 5·2 | 2·8 | 4·7 | 0 | 0 | 0 | Calm | 0 | NW | 1 | SW | 1 | — | 14·2 |
| Month | 38·92 | 36·85 | 37·86 | 31·4 | 13·3 | 18·9 | 30·2 | 24·2 | 18 | 8 | 11 | 2·8 | 2·4 | 2·4 | 0·5 | 0·9 | 0·3 | — | 1·9 | — | 1·9 | — | 1·7 | — | 14·47 |

**Remarks:—**

$C_h = +21$ mm. **April 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36·1 | 35·9 | 35·1 | 39·8 | 19·0 | 25·0 | 36·8 | 29·6 | 22 | 7 | 10 | 5·2 | 3·2 | 3·1 | 0 | 0 | 0 | NW | 1 | SW | 1 | NW | 1 | — | 12·0 |
| 2 | 36·9 | 36·5 | 36·1 | 36·4 | 17·0 | 24·5 | 35·2 | 27·0 | 18 | 4 | 8 | 4·2 | 1·5 | 2·1 | 0 | 0 | 0 | NNW | 1 | NW | 2 | W | 1 | — | 19·0 |
| 3 | 36·8 | 33·9 | 35·7 | 40·8 | 16·5 | 25·5 | 40·0 | 32·8 | 9 | 3 | 3 | 2·2 | 1·6 | 1·2 | 0 | 0 | 0 | NW | 1 | N | 2 | NNW | 3 | — | 16·1 |
| 4 | 36·3 | 34·1 | 34·9 | 39·1 | 21·5 | 26·5 | 38·2 | 30·5 | 17 | 5 | 9 | 4·3 | 2·7 | 2·9 | 0 | 0 | 0 | NW | 2 | N | 2 | N | 3 | — | 17.5 |
| 5 | 38·1 | 35·9 | 37·6 | 36·5 | 19·5 | 25·2 | 36·0 | 28·8 | 14 | 3 | 5 | 3·2 | 1·3 | 1·5 | 0 | 0 | 0 | NE | 1 | NE | 2 | N | 2 | — | 14·3 |
| 6 | 37·7 | 36·8 | 35·3 | 35·2 | 15·5 | 23·0 | 34·5 | 25·2 | 12 | 2 | 5 | 2·5 | 0·8 | 1·1 | 0 | 0 | 0 | N | 1 | N | 2 | NW | 1 | — | 14.5 |
| 7 | 37·4 | 34·9 | 35·9 | 37·6 | 15·0 | 22·6 | 36·2 | 28·0 | 10 | 1 | 3 | 2·1 | 0·5 | 0·8 | 0 | 0 | 0 | N | 2 | NE | 1 | NW | 1 | — | 19·0 |
| 8 | 35·0 | 33·9 | 33·2 | 40·2 | 15·0 | 24·0 | 39·8 | 29·8 | 11 | 1 | 7 | 2·5 | 0·5 | 2·2 | 0 | 0 | 0 | NNW | 1 | NE | 3 | W | 1 | — | 15·5 |
| 9 | 33·9 | 33·2 | 34·6 | 41·5 | 17·5 | 27·0 | 40·8 | 32·0 | 11 | 1 | 5 | 2·7 | 0·3 | 1·9 | 0 | 0 | 0 | N | 1 | N | 2 | NW | 1 | — | 16·4 |
| 10 | 35·2 | 33·5 | 33·9 | 41·8 | 22·5 | — | 41·2 | 33·2 | — | 4 | 7 | — | 2·6 | 2·7 | 0 | 1 | 0 | NE | 2 | NNW | 2 | NW | 1 | — | 15·5 |
| 11 | 34·4 | 33·0 | 34·2 | 40·5 | 21·5 | 28·5 | 39·0 | 31·0 | 10 | 2 | 7 | 3·0 | 1·0 | 2·2 | 0 | 1 | 0 | W | 1 | NE | 2 | NW | 1 | — | 17·0 |
| 12 | 34·4 | 33·3 | 32·8 | 39·6 | 20·5 | 26·5 | 38·8 | 31·0 | 12 | 4 | 8 | 3·0 | 1·9 | 2·6 | 0 | 0 | 0 | N | 1 | N | 2 | N | 1 | — | 17·0 |
| 13 | 34·0 | 33·4 | 37·1 | 41·0 | 13·5 | 25·5 | 39·9 | 31·8 | 6 | 3 | 7 | 1·6 | 1·7 | 2·4 | 0 | 0 | 0 | E | 1 | N | 2 | N | 1 | — | 16·0 |
| 14 | 35·0 | 34·1 | 33·8 | 40·6 | 17·5 | 29·0 | 39·5 | 33·0 | 0 | 10 | 13 | 0·1 | 5·1 | 5·0 | 0 | 0 | 0 | NW | 1 | NE | 4 | N | 1 | — | 18·0 |
| 15 | 34·8 | 31·4 | 34·2 | 40·5 | 23·5 | 30·5 | 40·0 | 32·0 | 34 | 8 | 16 | 10·9 | 4·3 | 6·0 | 0 | 0 | 0 | NW | 1 | NNE | 3 | NE | 1 | — | 18·0 |
| 16 | 34·2 | 31·6 | 31·6 | 40·8 | 24·5 | 30·5 | 39·6 | 32·8 | 1 | 4 | 15 | 0·5 | 2·2 | 5·5 | 0 | 0 | 0 | NE | 2 | NE | 2 | W | 1 | — | 18·5 |
| 17 | 32·9 | 30·9 | 30·6 | 40·5 | 24·5 | 32·0 | 39·0 | 32·6 | 24 | 9 | 18 | 8·4 | 4·9 | 6·7 | 0 | 0 | 0 | WNW | 4 | E | 2 | SW | 1 | — | 16·0 |
| 18 | 32·0 | 31·0 | 30·4 | 43·0 | 25·5 | 31·5 | 41·6 | 34·4 | 25 | 8 | 16 | 8·7 | 5·0 | 6·6 | 0 | 0 | 0 | W | 2 | SE | 1 | SW | 1 | — | 19·2 |
| 19 | 32·0 | 29·7 | 31·1 | 43·8 | 25·5 | 32·5 | 42·2 | 34·6 | 24 | 8 | 9 | 8·9 | 4·7 | 3·7 | 0 | 2 | 0 | SW | 1 | SE | 2 | SW | 1 | — | 17·7 |
| 20 | 31·8 | 30·1 | 30·5 | 42·8 | 23·5 | 33.0 | 41·6 | 34·5 | 24 | 6 | 18 | 9·1 | 3·8 | 7·5 | 0 | 2 | 1 | SSE | 5 | SW | 1 | SW | 1 | — | 19·5 |
| 21 | 32·3 | 31·2 | 32·8 | 40·7 | 24·0 | 32·0 | 40·0 | 35·2 | 33 | 13 | 15 | 11·7 | 7·7 | 6·4 | 3 | 2 | 4 | S | 1 | WSW | 3 | W | 1 | — | 19·0 |
| 22 | 34·2 | 31·3 | 33·2 | 41·5 | 28·0 | 30·0 | 41·0 | 34·0 | 0 | 11 | 13 | 0·1 | 6·6 | 5·6 | 0 | 2 | 3 | N | 3 | N | 2 | N | 4 | — | 19·0 |
| 23 | 35·6 | 34·3 | 36·4 | 38·0 | 16·5 | 29·5 | 36·5 | 30·0 | 0 | 13 | 19 | 0·0 | 6·0 | 5·9 | 3 | 8 | 6 | NNE | 3 | N | 6 | N | 9 | — | 20·0 |
| 24 | 35·9 | 35·5 | 36·3 | 35·5 | 24·5 | 28·5 | 34·2 | 27·0 | 10 | 10 | 13 | 3·0 | 3·9 | 3·3 | 0 | 5 | 8 | N | 3 | NNW | 4 | N | 3 | — | 19·5 |
| 25 | 37·2 | 33·8 | 34·9 | 35·6 | 20·0 | 25·0 | 34·5 | 28·9 | 11 | 6 | 5 | 2·6 | 2·2 | 1·4 | 0 | 0 | 0 | N | 2 | SW | 1 | NW | 2 | — | 20·0 |
| 26 | 35·4 | 34·3 | 33·2 | 38·1 | 19·0 | 27·0 | 36·8 | 30·8 | 7 | 2 | 5 | 1·9 | 0·8 | 1·6 | 0 | 1 | 0 | N | 2 | W | 1 | NW | 1 | — | 14·6 |
| 27 | 35·8 | 32·9 | 29·4 | 40·3 | 20·0 | 24·5 | 39·5 | 31·8 | 18 | 2 | 5 | 4·2 | 1·0 | 1·7 | 0 | 0 | 0 | N | 2 | N | 1 | NW | 2 | — | 17·0 |
| 28 | 35·2 | 32·8 | 34·1 | 42·7 | 20·5 | 30·0 | 40·8 | 34·0 | 2 | 7 | 8 | 0·8 | 3·8 | 3·3 | 0 | 0 | 0 | N | 2 | N | 2 | NW | 1 | — | 19·3 |
| 29 | 33·7 | 31·9 | 33·3 | 43·3 | 21·5 | 30·0 | 41·0 | 27·5 | 5 | 5 | 0 | 1·4 | 2·9 | 0·1 | 0 | 0 | 0 | NW | 1 | SW | 1 | NW | 2 | — | 17·0 |
| 30 | 35·6 | 32·4 | 32·3 | 42·5 | 23·5 | 31·0 | 41·0 | 33·0 | 5 | 2 | 8 | 1·8 | 1·0 | 2·8 | 0 | 0 | 0 | NW | 1 | SW | 1 | NW | 1 | — | 17·4 |
| Month | 34·99 | 33·25 | 33·82 | 40·0 | 20·6 | 27·9 | 38·8 | 31·2 | 13 | 5 | 9 | 3·8 | 2·8 | 3·3 | 0·2 | 0·8 | 0·7 | — | 1·7 | — | 2·1 | — | 1·7 | — | 17·38 |

**Remarks:—**

# MEROWE.

φ = 18° 29′ 24″ N. λ = 31° 49′ 33″ E. H = 255·1 m. $h_t$ = 1·5 m.

$C_h$ = + 21 mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 33·8 | 32·3 | 33·8 | 42·7 | 23·0 | 30·0 | 41·0 | 34·5 | 11 | 1 | 3 | 3·6 | 0·8 | 1·1 | 0 | 0 | 0 | E | 1 | N | 1 | N | 2 | — | 17·0 |
| 2 | 35·8 | 33·4 | 33·9 | 43·0 | 23·0 | 32·7 | 41·8 | 33·5 | 5 | 6 | 7 | 1·9 | 3·7 | 2·8 | 0 | 0 | 0 | NE | 2 | NNW | 1 | N | 1 | — | 19·7 |
| 3 | 35·3 | 33·1 | 34·0 | 43·9 | 19·5 | 33·0 | 43·0 | 35·6 | 14 | 4 | 7 | 5·4 | 2·7 | 3·0 | 0 | 0 | 0 | W | 1 | N | 1 | NNW | 2 | — | 17·8 |
| 4 | 34·9 | 32·5 | 31·1 | 45·0 | 23·0 | 33·2 | 43·0 | 36·0 | 10 | 3 | 12 | 3·8 | 1·7 | 5·1 | 0 | 0 | 0 | NNE | 1 | SW | 1 | SW | 1 | — | 20·0 |
| 5 | 33·2 | 30·5 | 31·0 | 42·8 | 26·5 | 34·8 | 42·2 | 36·0 | 7 | 5 | 8 | 2·8 | 3·3 | 3·6 | 3 | 1 | 0 | SSW | 3 | W | 2 | WNW | 2 | — | 18·3 |
| 6 | 34·4 | 31·1 | 32·0 | 40·6 | 26·0 | 30·2 | 40·1 | 34·0 | 22 | 9 | 12 | 7·1 | 4·8 | 4·8 | 0 | 0 | 0 | NNW | 2 | W | 1 | WNW | 2 | — | 18·7 |
| 7 | 34·0 | 32·1 | 32·6 | 42·0 | 23·5 | 33·5 | 41·0 | 33·6 | 9 | 8 | 11 | 3·6 | 4·4 | 4·4 | 0 | 0 | 0 | NNW | 2 | SSE | 1 | NW | 1 | — | 20·0 |
| 8 | 34·1 | 32·4 | 32·8 | 43·0 | 24·5 | 33·5 | 42·0 | 34·5 | 9 | 4 | 6 | 3·6 | 2·3 | 2·5 | 0 | 0 | 0 | NW | 2 | NE | 1 | NE | 1 | — | 20·0 |
| 9 | 35·9 | 35·0 | 35·1 | 43·2 | 24·5 | 30·5 | 38·0 | 31·5 | 5 | 4 | 7 | 1·7 | 1·9 | 2·3 | 0 | 0 | 0 | NNE | 2 | NNW | 2 | N | 3 | — | 17·6 |
| 10 | 36·2 | 32·6 | 33·0 | 39·2 | 21·5 | 29·0 | 37·2 | 31·0 | 7 | 7 | 8 | 2·2 | 3·3 | 2·6 | 0 | 0 | 0 | N | 2 | SE | 2 | NW | 1 | — | 15·0 |
| 11 | 35·8 | 33·2 | 33·2 | 40·9 | 19·5 | 28·8 | 34·8 | 30·6 | 5 | 7 | 9 | 1·5 | 2·8 | 3·0 | 0 | 1 | 0 | E | 1 | SW | 2 | NW | 1 | — | 18·5 |
| 12 | 34·3 | 33·2 | 33·8 | 42·0 | 20·0 | 30·0 | 40·5 | 34·0 | 9 | 5 | 7 | 2·8 | 2·9 | 2·8 | 0 | 0 | 1 | NW | 1 | NW | 1 | W | 1 | — | 20·0 |
| 13 | 36·0 | 35·2 | 33·8 | 43·1 | 24·5 | 31·5 | 42·2 | 25·8 | 12 | 6 | 10 | 4·1 | 3·8 | 4·5 | 0 | 1 | 0 | N | 1 | N | 1 | N | 2 | — | 19·8 |
| 14 | 36·9 | 36·3 | 34·8 | 40·5 | 25·0 | 32·0 | 39·5 | 34·2 | 13 | 4 | 6 | 4·5 | 2·2 | 2·4 | 0 | 0 | 0 | N | 3 | WNW | 3 | NW | 3 | — | 17·4 |
| 15 | 36·2 | 33·7 | 35·2 | 39·0 | 20·0 | 30·8 | 39·0 | 32·7 | 9 | 5 | 10 | 3·0 | 2·5 | 3·6 | 0 | 0 | 0 | N | 2 | N | 2 | NW | 1 | — | 18·6 |
| 16 | 35·7 | 33·7 | 34·9 | 39·9 | 21·0 | 29·0 | 37·8 | 31·1 | 14 | 4 | 13 | 4·2 | 1·7 | 4·3 | 0 | 0 | 0 | Calm | 0 | NW | 1 | NW | 1 | — | 16·0 |
| 17 | 36·3 | 35·0 | 36·6 | 34·3 | 20·5 | 26·2 | 33·0 | 28·0 | 13 | 4 | 9 | 3·1 | 1·7 | 2·7 | 0 | 0 | 0 | N | 2 | N | 2 | NNW | 2 | — | 16·4 |
| 18 | 38·2 | 36·0 | 35·7 | 32·8 | 17·5 | 26·0 | 32·0 | 26·6 | 16 | 10 | 20 | 3·9 | 3·5 | 4·9 | 0 | 0 | 0 | NW | 2 | NW | 2 | W | 1 | — | 17·2 |
| 19 | 37·4 | 36·5 | 35·4 | 36·8 | 19·5 | 27·0 | 35·4 | 30·2 | 14 | 8 | 15 | 3·7 | 3·5 | 4·9 | 0 | 0 | 0 | N | 1 | NW | 2 | WNW | 1 | — | 17·5 |
| 20 | 37·0 | 35·2 | 34·5 | 39·0 | 21·5 | 29·4 | 37·8 | 31·0 | 15 | 10 | 13 | 4·6 | 4·8 | 4·4 | 0 | 0 | 0 | NNW | 2 | SW | 1 | WNW | 1 | — | 19·0 |
| 21 | 36·1 | 33·7 | 34·5 | 41·6 | 22·5 | 31·1 | 40·5 | 32·0 | 10 | 5 | 13 | 3·2 | 2·9 | 4·5 | 0 | 0 | 0 | NNE | 2 | NE | 1 | NW | 1 | — | 20·0 |
| 22 | 35·8 | 32·6 | 32·2 | 42·2 | 23·0 | 32·5 | 41·2 | 33·0 | 10 | 5 | 11 | 3·4 | 2·8 | 4·0 | 0 | 0 | 0 | NE | 2 | SW | 1 | W | 1 | — | 20·0 |
| 23 | 32·4 | 31·1 | 30·8 | 45·0 | 23·5 | 33·0 | 43·7 | 36·9 | 10 | 4 | 10 | 3·9 | 2·6 | 4·6 | 0 | 0 | 0 | NNW | 2 | SE | 1 | W | 1 | — | 20·0 |
| 24 | 31·4 | 31·7 | 30·8 | 46·0 | 25·5 | 33·5 | — | 36·6 | 7 | — | 8 | 2·8 | — | 3·7 | 0 | 0 | 0 | NW | 2 | SW | 1 | NNW | 1 | — | 20·0 |
| 25 | 34·4 | 31·3 | 32·2 | 45·5 | 27·5 | 34·2 | 43·8 | 37·0 | 12 | 2 | 8 | 4·7 | 1·2 | 3·6 | 0 | 0 | 0 | N | 3 | SE | 1 | N | 3 | — | 20·0 |
| 26 | 31·6 | 34·8 | 35·4 | 41·5 | 26·6 | 32·8 | 40·2 | 33·4 | 6 | 4 | 8 | 2·1 | 2·0 | 3·2 | 0 | 0 | 0 | NNE | 4 | N | 3 | WNW | 2 | — | 20·0 |
| 27 | 38·0 | 35·1 | 36·0 | 42·0 | 24·0 | 31·8 | 40·8 | 33·0 | 7 | 4 | 10 | 2·4 | 2·2 | 3·9 | 0 | 0 | 0 | NW | 3 | N | 2 | NW | 2 | — | 20·0 |
| 28 | 37·9 | 34·9 | 35·5 | 40·1 | 25·0 | 31·7 | 39·0 | 32·5 | 13 | 8 | 13 | 4·7 | 4·1 | 4·8 | 0 | 0 | 0 | NE | 2 | N | 2 | NNW | 3 | — | 20·0 |
| 29 | 37·9 | 35·2 | 35·9 | 37·5 | 22·5 | 29·8 | 36·7 | 29·5 | 11 | 6 | 12 | 3·5 | 2·7 | 3·9 | 0 | 0 | 0 | N | 2 | N | 3 | NNW | 2 | — | 20·0 |
| 30 | 37·1 | 35·2 | 36·2 | 34·2 | 21·6 | 27·3 | 33·5 | 28·9 | 3 | 4 | 6 | 2·4 | 1·4 | 1·7 | 0 | 0 | 0 | NNW | 3 | NW | 3 | NW | 2 | — | 20·0 |
| 31 | 38·9 | 36·5 | 36·4 | 35·2 | 21·5 | 26·8 | 34·0 | 27·5 | 10 | 3 | 8 | 2·6 | 1·1 | 2·2 | 0 | 0 | 0 | N | 2 | NW | 2 | N | 2 | — | 20·0 |
| Month | 35·58 | 33·71 | 33·97 | 40·8 | 22·8 | 30·8 | 39·2 | 32·7 | 10 | 5 | 10 | 3·4 | 2·7 | 3·5 | 0·1 | 0·1 | 0·0 | — | 1·9 | — | 1·6 | — | 1·6 | — | 18·85 |

Remarks:—

$C_h$ = + 21 mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 38·3 | 35·0 | 36·6 | 36·0 | 20·0 | 28·0 | 35·1 | 28·5 | 12 | 4 | 10 | 3·4 | 1·7 | 2·9 | 0 | 0 | 0 | N | 1 | NW | 2 | N | 1 | — | 20·0 |
| 2 | 37·1 | 36·5 | 35·3 | 35·6 | 20·0 | 28·5 | 35·2 | 28·9 | 10 | 4 | 8 | 3·0 | 1·8 | 2·5 | 0 | 0 | 0 | N | 2 | N | 2 | NNW | 2 | — | 20·0 |
| 3 | 37·5 | 35·0 | 35·4 | 36·0 | 20·5 | 28·5 | 35·0 | 28·6 | 23 | 2 | 6 | 4·8 | 0·8 | 1·6 | 0 | 0 | 0 | N | 2 | NNW | 2 | N | 1 | — | 20·0 |
| 4 | 36·3 | 35·3 | 35·7 | 42·9 | 22·0 | 28·2 | 37·2 | 30·5 | 14 | 6 | 9 | 4·0 | 2·8 | 3·1 | 0 | 0 | 0 | NW | 1 | SW | 1 | NW | 1 | — | 20·0 |
| 5 | 37·4 | 34·5 | 34·5 | 40·0 | 23·0 | 29·5 | 38·8 | 32·9 | 9 | 4 | 7 | 2·7 | 2·0 | 2·8 | 0 | 0 | 0 | NW | 1 | NW | 2 | WNW | 2 | — | 20·0 |
| 6 | 36·0 | 33·3 | 34·5 | 40·5 | 23·5 | 31·1 | 39·2 | 33·2 | 8 | 6 | 8 | 2·6 | 3·2 | 2·9 | 0 | 0 | 0 | N | 2 | NW | 1 | N | 2 | — | 20·0 |
| 7 | 33·3 | 32·6 | 33·7 | 41·0 | 25·0 | 30·5 | 39·2 | 33·5 | 10 | 3 | 4 | 3·2 | 1·6 | 1·7 | 0 | 0 | 0 | N | 1 | W | 2 | NW | 3 | — | 20·0 |
| 8 | 33·4 | 32·4 | 32·8 | 41·0 | 24·5 | 29·5 | 40·2 | 34·8 | 8 | 5 | 6 | 2·4 | 2·6 | 2·3 | 0 | 0 | 0 | NE | 1 | W | 1 | NW | 2 | — | 20·0 |
| 9 | 35·6 | 33·9 | 33·5 | 43·1 | 25·0 | 30·8 | 42·2 | 35·0 | 7 | 4 | 6 | 2·3 | 2·2 | 2·7 | 3 | 3 | 0 | N | 2 | W | 1 | WNW | 2 | — | 20·0 |
| 10 | 35·7 | 33·2 | 33·7 | 42·8 | 25·0 | 32·9 | 41·6 | 34·8 | 5 | 4 | 4 | 2·0 | 2·2 | 1·6 | 3 | 3 | 0 | N | 3 | NW | 2 | W | 2 | — | 20·0 |
| 11 | 34·7 | 34·1 | 33·5 | 41·5 | 27·0 | 32·5 | 40·5 | 34·0 | 6 | 6 | 7 | 2·3 | 3·2 | 2·7 | 3 | 0 | 0 | N | 1 | NNW | 2 | N | 2 | — | 20·0 |
| 12 | 36·3 | 34·1 | 35·3 | 40·0 | 25·0 | 32·7 | 39·5 | 33·0 | 11 | 0 | 8 | 4·1 | 0·1 | 3·1 | 0 | 0 | 0 | N | 2 | N | 2 | NNW | 3 | — | 19·4 |
| 13 | 36·2 | 34·2 | 35·7 | 37·5 | 22·5 | 31·0 | 37·0 | 31·8 | 17 | 7 | 13 | 5·7 | 3·4 | 4·6 | 3 | 3 | 0 | N | 2 | NW | 3 | NW | 2 | — | 16·0 |
| 14 | 37·9 | 35·6 | 36·6 | 38·0 | 21·5 | 30·5 | 37·5 | 31·0 | 14 | 8 | 12 | 4·4 | 3·8 | 4·1 | 0 | 0 | 0 | NW | 1 | W | 1 | NW | 2 | — | 15·2 |
| 15 | 37·2 | 36·4 | 35·2 | 39·5 | 23·0 | 31·5 | 38·5 | 30·5 | 12 | 5 | 12 | 4·4 | 2·8 | 4·1 | 3 | 6 | 0 | SW | 1 | N | 2 | W | 1 | — | 20·0 |
| 16 | 36·0 | 34·2 | 33·8 | 39·5 | 25·0 | 33·2 | 38·5 | 31·7 | 11 | 8 | 13 | 4·1 | 4·1 | 4·7 | 3 | 1 | 2 | N | 2 | SW | 1 | SW | 1 | — | 20·0 |
| 17 | 36·6 | 34·1 | 34·5 | 41·0 | 25·5 | 32·5 | 39·8 | 34·3 | 12 | 6 | 10 | 4·5 | 3·5 | 3·8 | 3 | 0 | 0 | N | 2 | NW | 1 | WNW | 1 | — | 20·0 |
| 18 | 34·7 | 33·6 | 34·1 | 42·7 | 25·0 | 30·0 | 38·9 | 32·9 | 11 | 6 | 12 | 3·6 | 2·9 | 4·7 | 0 | 0 | 0 | N | 2 | SW | 1 | WSW | 1 | — | 20·0 |
| 19 | 36·6 | 35·3 | 35·5 | 39·3 | 24·0 | 30·0 | 38·8 | 32·2 | 10 | 6 | 10 | 3·2 | 3·0 | 3·0 | 0 | 1 | 0 | N | 1 | W | 1 | SW | 1 | — | 20·0 |
| 20 | 37·5 | 35·4 | 34·8 | 39·8 | 23·0 | 29·9 | 38·8 | 32·2 | 11 | 7 | 6 | 3·6 | 3·4 | 2·2 | 0 | 0 | 0 | NW | 2 | W | 2 | NW | 2 | — | 20·0 |
| 21 | 34·2 | 34·3 | 34·2 | 41·9 | 24·0 | 30·0 | 40·8 | 34·9 | 11 | 6 | 9 | 3·6 | 3·3 | 3·8 | 0 | 0 | 0 | NE | 1 | WNW | 2 | NW | 2 | — | 20·0 |
| 22 | 34·1 | 31·6 | 33·2 | 44·0 | 26·0 | 32·5 | 42·8 | 36·2 | 9 | 5 | 8 | 3·3 | 3·3 | 3·4 | 6 | 1 | 4 | NW | 2 | NW | 2 | W | 3 | — | 20·0 |
| 23 | 33·1 | 31·9 | 31·3 | 47·4 | 27·5 | 34·0 | 46·7 | 37·6 | 12 | 5 | 9 | 4·8 | 4·2 | 4.2 | 0 | 4 | 6 | NW | 1 | NW | 1 | W | 1 | — | 20·0 |
| 24 | 33·0 | 31·4 | 31·9 | 45·5 | 29·0 | 35·0 | 44·9 | 37·5 | 9 | 7 | 15 | 3·7 | 5·3 | 7·0 | 0 | 0 | 0 | NW | 1 | SW | 1 | SW | 1 | — | 20·0 |
| 25 | 33·6 | 33·0 | 32·9 | 40·0 | 32·0 | 36·9 | 39·5 | 38·9 | 15 | 22 | 17 | 7·2 | 12·0 | 9·2 | 10 | 10 | 10 | SSW | 4 | SW | 2 | SW | 1 | — | 20·0 |
| 26 | 34·4 | 31·7 | 31·4 | 44·5 | 31·0 | 35·0 | 43·0 | 37·2 | 9 | 6 | 8 | 3·7 | 4·2 | 3·6 | 5 | 0 | 0 | N | 2 | N | 1 | NNW | 3 | — | 20·0 |
| 27 | 36·0 | 32·9 | 33·9 | 44·0 | 26·0 | 34·5 | 43·2 | 37·0 | 8 | 5 | 10 | 3.1 | 3·2 | 4·5 | 3 | 0 | 0 | S | 1 | NE | 1 | NW | 2 | — | 20·0 |
| 28 | 36·4 | 33·4 | 35·2 | 42·5 | 25·0 | 34·6 | 41·9 | 34·7 | 9 | 7 | 8 | 3·7 | 4·0 | 3·4 | 0 | 0 | 0 | N | 1 | NW | 1 | NNW | 2 | — | 19·5 |
| 29 | 36·6 | 32·9 | 34·2 | 42·0 | 25·5 | 32·2 | 41·5 | 35·5 | 9 | 7 | 7 | 3·2 | 4·1 | 3·0 | 0 | 0 | 0 | NW | 1 | W | 1 | NW | 2 | — | — |
| 30 | 35·6 | 33·4 | 32·8 | 42·0 | 22·0 | 32·8 | 40·9 | 34·0 | 13 | 2 | 21 | 5·1 | 1·4 | 8·5 | 0 | 3 | 6 | SW | 1 | W | 1 | SW | 1 | — | 20·0 |
| Month | 35·71 | 33·84 | 34·19 | 41·0 | 24·6 | 31·6 | 39·9 | 33·6 | 11 | 6 | 9 | 3·7 | 3·2 | 3·7 | 1·5 | 1·2 | 0·9 | — | 1·6 | — | 1·5 | — | 1·7 | — | 19·66 |

Remarks:—

# MEROWE.

$\varphi = 18° 29' 24''$ N. $\lambda = 31° 49' 33''$ E. H = 255·1 m. $h_t = 1·5$ m.

$C_h$ = + 21 mm. **July 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 34·5 | 32·2 | 33·6 | 43·9 | 26·5 | 33·8 | 42·9 | 36·9 | 13 | 5 | 5 | 4·9 | 3·4 | 2·3 | 3 | 1 | 0 | NW | 2 | W | 1 | NW | 2 | — | 20·0 |
| 2 | 34·8 | 33·1 | 33·4 | 42·2 | 26·5 | 32·8 | 41·8 | 35·6 | 15 | 8 | 12 | 5·7 | 5·1 | 5·1 | 0 | 0 | 0 | N | 3 | NW | 2 | NW | 3 | — | 20·0 |
| 3 | 35·3 | 33·4 | 34·6 | 42·0 | 26·5 | 31·6 | 41·0 | 35·5 | 14 | 7 | 11 | 5·2 | 3·7 | 4·7 | 5 | 3 | 0 | NW | 2 | N | 2 | NW | 3 | — | 20·0 |
| 4 | 34·9 | 33·3 | 32·8 | 45·6 | 25·5 | 33·0 | 44·0 | 38·0 | 12 | 5 | 8 | 4·3 | 3·2 | 3·9 | 1 | 0 | 2 | N | 2 | NNE | 2 | N | 3 | — | 20·0 |
| 5 | 35·4 | 33·8 | 32·2 | 46·5 | 27·5 | 33·5 | 45·2 | 39·5 | 8 | 6 | 10 | 3·2 | 4·6 | 5·3 | 3 | 0 | 4 | NE | 1 | SW | 1 | NW | 3 | — | 20·0 |
| 6 | 34·5 | 33·2 | 32·4 | 44·4 | 30·6 | 34·0 | 41·0 | 37·0 | 6 | 7 | 5 | 2·5 | 3·7 | 2·5 | 9 | 3 | 0 | N | 2 | NW | 1 | NNW | 3 | — | 20·0 |
| 7 | 34·7 | 34·4 | 34·1 | 42·2 | 28·0 | 33·2 | 41·0 | 35·5 | 10 | 7 | 4 | 3·9 | 4·2 | 1·6 | 3 | 1 | 0 | NW | 1 | SW | 1 | W | 2 | — | 20·0 |
| 8 | 34·4 | 32·8 | 32·5 | 42·4 | 25·0 | 31·2 | 40·5 | 33·7 | 16 | 5 | 13 | 5·4 | 3·0 | 5·0 | 0 | 0 | 0 | SW | 1 | WSW | 2 | WSW | 1 | — | 16·1 |
| 9 | 34·0 | 33·1 | 32·3 | 42·5 | 21·5 | 30·1 | 41·0 | 34·0 | — | 8 | 10 | — | 4·4 | 3·9 | 0 | 0 | 0 | SW | 1 | WSW | 2 | SW | 1 | — | 19·4 |
| 10 | 33·8 | 32·3 | 32·3 | 44·5 | 22·2 | 34·0 | 41·5 | 33·7 | 13 | 5 | 19 | 5·6 | 2·9 | 7·3 | 0 | 0 | 0 | SW | 1 | SW | 1 | SW | 1 | — | 16·7 |
| 11 | 33·9 | 32·9 | 33·0 | 41·7 | 26·5 | 31·2 | 40·0 | 36·5 | 31 | 13 | 14 | 10·5 | 7·7 | 6·6 | 0 | 2 | 8 | S | 3 | SW | 1 | SW | 1 | — | 16·2 |
| 12 | 33·3 | 31·3 | 32·7 | 44·4 | 28·5 | 32·8 | 42·6 | 36·5 | 33 | 6 | 15 | 12·3 | 3·9 | 6·8 | 0 | 2 | 4 | S | 2 | SW | 1 | SW | 1 | — | 18·2 |
| 13 | 35·4 | 33·9 | 33·4 | 43·5 | 27·6 | 33·5 | 42·2 | 36·8 | 26 | 11 | 19 | 10·1 | 6·9 | 8·8 | 3 | 0 | 1 | S | 5 | SW | 2 | SW | 1 | — | 16·6 |
| 14 | 34·8 | 32·1 | 32·6 | 45·0 | 30·5 | 33·6 | 44·2 | 38·5 | 32 | 11 | 14 | 12·5 | 7·6 | 7·3 | 2 | 3 | 2 | SW | 2 | SW | 1 | SSW | 3 | — | 17·7 |
| 15 | 33·3 | 31·5 | 31·9 | 41·6 | 30·6 | 33·2 | 40·9 | 37·5 | 32 | 12 | 13 | 11·9 | 7·2 | 6·4 | 3 | 10 | 9 | SW | 2 | WSW | 2 | SW | 1 | — | 20·0 |
| 16 | 35·4 | 33·8 | 33·4 | 40·6 | 28·5 | 32·8 | 40·0 | 33·8 | 15 | 9 | 11 | 5·5 | 5·0 | 4·2 | 1 | 0 | 0 | N | 2 | NW | 2 | WNW | 3 | — | 16·2 |
| 17 | 36·5 | 34·3 | 34·8 | 39·5 | 27·0 | 31·2 | 37·9 | 34·0 | 14 | 8 | 12 | 4·9 | 4·0 | 4·8 | 1 | 0 | 0 | S | 1 | SW | 1 | NW | 2 | — | 17·6 |
| 18 | 37·5 | 35·7 | 36·2 | 40·0 | 23·5 | 32·2 | 39·2 | 34·8 | 12 | 9 | 10 | 4·4 | 4·8 | 4·3 | 0 | 0 | 0 | SW | 1 | W | 2 | NW | 1 | — | 18·4 |
| 19 | 35·3 | 34·1 | 33·0 | 40·6 | 24·5 | 31·5 | 39·5 | 33·6 | 9 | 5 | 15 | 3·3 | 3·2 | 5·8 | 0 | 0 | 1 | S | 1 | SW | 1 | SW | 1 | — | 15·0 |
| 20 | 33·2 | 31·1 | 31·4 | 42·8 | 25·0 | 31·1 | 42·0 | 34·4 | 12 | 4 | 10 | 4·2 | 2·6 | 4·1 | 2 | 1 | 0 | SSW | 1 | W | 2 | SW | 1 | — | 16·3 |
| 21 | 33·9 | 32·9 | 33·0 | 43·0 | 25·0 | 33·5 | 41·8 | 35·8 | 11 | 7 | 12 | 4·3 | 4·4 | 5·3 | 2 | 2 | 0 | N | 2 | W | 1 | NW | 2 | — | 20·0 |
| 22 | 34·9 | 33·8 | 33·5 | 41·6 | 26·5 | 32·8 | 40·2 | 34·5 | 13 | 8 | 12 | 5·1 | 4·7 | 5·1 | 2 | 1 | 0 | N | 2 | W | 1 | NW | 2 | — | 20·0 |
| 23 | 34·6 | 33·7 | 33·0 | 41·5 | 24·5 | 33·8 | 40·5 | 35·0 | 14 | 11 | 14 | 5·7 | 6·4 | 6·1 | 0 | 0 | 0 | SW | 1 | SW | 1 | NW | 2 | — | 18·7 |
| 24 | 33·9 | 32·9 | 33.0 | 41·5 | 23·6 | 32·6 | 39·8 | 35·0 | 14 | 13 | 11 | 5·2 | 7·8 | 4·6 | 0 | 3 | 0 | SW | 1 | SW | 1 | W | 2 | — | 19·2 |
| 25 | 34·7 | 33·1 | 33·6 | 41·0 | 24·4 | 32·4 | 40·0 | 34·5 | 14 | 8 | 9 | 5·3 | 4·3 | 3·7 | 0 | 0 | 0 | NW | 1 | SW | 1 | NW | 1 | — | 18·7 |
| 26 | 36·3 | 34·3 | 35·2 | 41·5 | 23·5 | 29·8 | 39·2 | 33·4 | 25 | 7 | 13 | 7·8 | 3·7 | 5·3 | 0 | 0 | 0 | SW | 1 | SW | 1 | WSW | 1 | — | 18·4 |
| 27 | 35·8 | 34·9 | 33·7 | 40·5 | 24·6 | 31·0 | 39·5 | 32·5 | 13 | 7 | 14 | 4·4 | 3·8 | 4·9 | 0 | 0 | 0 | N | 2 | SW | 1 | W | 1 | — | 20·0 |
| 28 | 34·1 | 33·5 | 32·9 | 41·5 | 21·0 | 30·2 | 40·0 | 32·0 | 11 | 7 | 11 | 3·4 | 3·8 | 3·8 | 0 | 0 | 0 | W | 1 | SW | 1 | W | 1 | — | 17·7 |
| 29 | 34·6 | 33·3 | 34·3 | 40·6 | 24·4 | 31·4 | 39·5 | 34·8 | 18 | 8 | 16 | 6·4 | 4·1 | 6·7 | 0 | 0 | 0 | N | 2 | NW | 1 | NNW | 1 | — | 19·6 |
| 30 | 35·8 | 34·5 | 34·6 | 39·6 | 23·2 | 30·0 | 38·5 | 31·8 | 15 | 9 | 19 | 4·7 | 4·4 | 6·6 | 0 | 2 | 0 | N | 2 | WSW | 1 | NNW | 1 | — | 18·5 |
| 31 | 35·8 | 35·4 | 35·4 | 39·6 | 24·0 | 31·8 | 38·2 | 34·5 | 13 | 8 | 9 | 4·6 | 4·3 | 3·7 | 0 | 0 | 0 | NE | 2 | WSW | 1 | NW | 2 | — | 20·0 |
| Month | 34·82 | 33.37 | 33·38 | 42·2 | 25·7 | 32·2 | 40·8 | 35·1 | 16 | 8 | 12 | 5·9 | 4·6 | 5·0 | 1·3 | 1·1 | 1·0 | — | 1·7 | — | 1·3 | — | 1·7 | — | 18·55 |

**Remarks:—**

$C_h$ = + 21 mm. **August 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35·7 | 33·8 | 34·0 | 38·5 | 25·5 | 32·0 | 37·8 | 32·8 | 14 | 6 | 11 | 4·9 | 3·1 | 4·0 | 0 | 0 | 0 | N | 2 | NW | 2 | NW | 1 | — | 20·0 |
| 2 | 35·1 | 34·2 | 33·0 | 39·8 | 24·0 | 30·4 | 37·8 | 31·8 | 17 | 8 | 17 | 5·5 | 4·0 | 6·1 | 0 | 1 | 0 | NW | 2 | SW | 2 | SW | 1 | — | 14·8 |
| 3 | 34·2 | 32·7 | 32·7 | 39·8 | 20·5 | 29·8 | 39·5 | 33·8 | 19 | 5 | 13 | 5·9 | 2·5 | 4·9 | 1 | 0 | 0 | SW | 1 | SW | 1 | S | 1 | — | 15·4 |
| 4 | 35·0 | 33·5 | 34·4 | 42·6 | 22·0 | 29·5 | 41·8 | 36·4 | 26 | 6 | 12 | 8·0 | 3·7 | 5·4 | 0 | 2 | 5 | SW | 2 | W | 1 | SW | 1 | — | 16·4 |
| 5 | 35·8 | 33·4 | 33·5 | 42·0 | 25·5 | 34·0 | 40·5 | 35·0 | 18 | 9 | 15 | 7·2 | 5·2 | 6·2 | 0 | 1 | 0 | SW | 1 | W | 1 | SW | 2 | — | 19·6 |
| 6 | 36·0 | 33·3 | 33·6 | 41·8 | 25·5 | 30·6 | 40·6 | 39·8 | 11 | 7 | 1 | 3·7 | 4·0 | 0·5 | 0 | 0 | 0 | N | 2 | WSW | 1 | NW | 2 | — | 20·0 |
| 7 | 34·9 | 33·3 | 33·3 | 40·8 | 25·5 | 31·8 | 40·0 | 34·0 | 11 | 7 | 10 | 3·9 | 3·8 | 3·9 | 0 | 0 | 0 | N | 2 | SW | 2 | NNW | 3 | — | 20·0 |
| 8 | 35·3 | 32·5 | 34·1 | 39·0 | 24·5 | 29·5 | 38·5 | 33·5 | 29 | 11 | 10 | 9·1 | 5·7 | 4·0 | 1 | 0 | 0 | SW | 1 | SW | 1 | WNW | 2 | — | 19·4 |
| 9 | 35·1 | 32·7 | 33·6 | 39·5 | 22·8 | 36·6 | 38.0 | 32·0 | 7 | 11 | 14 | 3·2 | 5·5 | 5·3 | 0 | 0 | 0 | SW | 1 | SW | 1 | SW | 1 | — | 11·6 |
| 10 | 34·9 | 33·8 | 33·7 | 40·2 | 21·0 | 29·8 | 39.5 | 32·5 | 27 | 8 | 20 | 8·4 | 4·3 | 7·4 | 0 | 0 | 0 | SW | 1 | SW | 1 | SW | 1 | — | 13·5 |
| 11 | 35·7 | 33·6 | 34·5 | 42·0 | 23·6 | 30·0 | 41·0 | 35·5 | 30 | 8 | 23 | 9·6 | 4·9 | 9·9 | 0 | 5 | 10 | SW | 1 | SW | 1 | W | 1 | — | 11·6 |
| 12 | 35·7 | 33·3 | 32·8 | 42·0 | 27·2 | 31·0 | 40·8 | 30·4 | 47 | 18 | 38 | 15·6 | 10·4 | 12·4 | 1 | 3 | 1 | SW | 1 | SW | 1 | NNW | 1 | — | 14·2 |
| 13 | 36·3 | 32·5 | 33·5 | 38·8 | 28·0 | 29·8 | 38·0 | 35·0 | 51 | 20 | 24 | 15·9 | 10·2 | 9·9 | 6 | 8 | 1 | SW | 3 | SW | 1 | SW | 1 | — | 12·6 |
| 14 | 34·9 | 32·2 | 33·7 | 42·0 | 28·5 | 32·0 | 41·0 | 34·0 | 39 | 21 | 33 | 13·9 | 12·2 | 13·2 | 1 | 7 | 10 | SW | 1 | SW | 1 | NW | 1 | — | 13·6 |
| 15 | 35·7 | 33·6 | 33·7 | 37·8 | 27·5 | 30·8 | 36·5 | 33·4 | 45 | 31 | 37 | 15·0 | 14·1 | 14·1 | 1 | 8 | 2 | SSW | 1 | SSW | 4 | WSW | 2 | — | 14·1 |
| 16 | 35·5 | 34·4 | 34·2 | 38·6 | 28·0 | 29·6 | 37·6 | 33·8 | 54 | 23 | 32 | 16·4 | 11·5 | 12·4 | 2 | 2 | 5 | SW | 1 | SW | 1 | Calm | 0 | — | 12·8 |
| 17 | 35·8 | 33·5 | 35·2 | 43·0 | 29·2 | 32·0 | 41·5 | 35·2 | 36 | 9 | 13 | 12·8 | 5·6 | 5·6 | 3 | 0 | 0 | SW | 1 | SW | 1 | SW | 1 | — | 15·1 |
| 18 | 34·7 | 32·8 | 34·0 | 45·0 | 25·5 | 33·0 | 43·8 | 37·5 | 13 | 7 | 8 | 5·0 | 4·6 | 3·8 | 0 | 0 | 0 | Calm | 0 | NW | 1 | NNW | 1 | — | 19·2 |
| 19 | 34·4 | 32·7 | 33·1 | 43·6 | 27·5 | 32·4 | 42·8 | 38·6 | 16 | 7 | 11 | 5·9 | 4·5 | 5·7 | 4 | 1 | 0 | N | 2 | NNW | 2 | NW | 2 | — | 20·0 |
| 20 | 33·6 | 31·6 | 32·3 | 41·8 | 25·6 | 32·0 | 40·5 | 35·2 | 15 | 7 | 12 | 5·6 | 4·0 | 5·2 | 0 | 0 | 0 | N | 3 | NW | 2 | NNW | 3 | — | 20·0 |
| 21 | 33·7 | 31·6 | 32·5 | 40·8 | 27·2 | 32·8 | 40·0 | 33·8 | 15 | 9 | 11 | 5·5 | 5·2 | 4·2 | 1 | 2 | 0 | NE | 2 | SW | 1 | NNW | 1 | — | 18·0 |
| 22 | 35·0 | 34·0 | 33·5 | 42·5 | 25·4 | 31·2 | 41·5 | 35·2 | 14 | 12 | 17 | 4·9 | 7·4 | 7·2 | 1 | 2 | 4 | SW | 1 | SW | 1 | SW | 1 | — | 13·4 |
| 23 | 35·6 | 34·9 | 34·0 | 43·5 | 26·2 | 32·2 | 43·0 | 36·5 | 17 | 6 | 12 | 6·4 | 4·2 | 5·3 | 1 | 0 | 0 | SSW | 1 | NNW | 2 | NNW | 2 | — | 20·0 |
| 24 | 34·5 | 34·9 | 31·4 | 45·2 | 30·5 | 33·8 | 44·0 | 38·8 | 11 | 9 | 8 | 4·4 | 6·2 | 4·2 | 3 | 9 | 7 | N | 2 | N | 3 | N | 2 | — | 20·0 |
| 25 | 33·6 | 31·2 | 31·5 | 45·6 | 29·0 | 32·2 | 44·8 | 38·2 | 17 | 6 | 11 | 6·4 | 4·0 | 5·6 | 8 | 2 | 0 | W | 1 | NNW | 2 | NW | 2 | — | 18·5 |
| 26 | 34·4 | 33·7 | 33·9 | 41·7 | 28·5 | 31·2 | 39·9 | 36·6 | 42 | 10 | 16 | 14·4 | 5·2 | 7·5 | 5 | 0 | 0 | S | 6 | SW | 2 | NW | 2 | — | 14·5 |
| 27 | 35·7 | 34·2 | 33·2 | 45·0 | 30·5 | 34·0 | 40·8 | 36·5 | 27 | 24 | 27 | 10·8 | 13.9 | 12·4 | 10 | 5 | 7 | S | 3 | SW | 1 | W | 1 | — | 11·5 |
| 28 | 37·7 | 34·9 | 35·1 | 40·2 | 24·5 | 29·8 | 39·5 | 35·5 | 45 | 17 | 29 | 14·0 | 9·2 | 12·2 | 2 | 0 | 2 | W | 2 | SW | 1 | SW | 2 | — | 15·6 |
| 29 | 37·2 | 34·4 | 34·6 | 41·0 | 28·5 | 33·8 | 40·0 | 35·5 | 25 | 13 | 18 | 9·8 | 7·7 | 7·7 | 2 | 0 | 0 | SW | 1 | SW | 1 | NW | 2 | — | 19·7 |
| 30 | 36·2 | 35·1 | 34·4 | 41·8 | 27·0 | 33·2 | 41·2 | 35·6 | 16 | 8 | 11 | 6·1 | 4·4 | 4·6 | 2 | 1 | 0 | NE | 2 | N | 2 | NW | 2 | — | 20·0 |
| 31 | 35·3 | 34·9 | 34·8 | 43·2 | 27·5 | 32·5 | 42·2 | 36·6 | 17 | 11 | 12 | 6·2 | 6·6 | 5·6 | 1 | 0 | 0 | NNE | 2 | N | 2 | N | 3 | — | 20·0 |
| Month | 35·26 | 33·46 | 33·61 | 41.6 | 26·2 | 31·7 | 40·5 | 35·1 | 25 | 11 | 17 | 8·5 | 6·4 | 7·0 | 1·8 | 1·9 | 1·7 | — | 1·7 | — | 1·5 | — | 1·5 | — | 16·62 |

**Remarks:—**

# MEROWE.

$\varphi = 18° 29' 24''$ N. $\lambda = 31° 49' 33''$ E. H = 255·1 m. $h_t = 1·5$ m.

$C_h = +21$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36·5 | 33·1 | 34·5 | 43·4 | 28·5 | 33·8 | 42·8 | 35·0 | 15 | 8 | 13 | 6·0 | 5·2 | 5·6 | 2 | 3 | 4 | NNE | 3 | NW | 2 | N | 5 | — | 20·0 |
| 2 | 36·5 | 33·6 | 33·5 | 39·8 | 28·0 | 29·8 | 39·0 | 33·8 | 23 | 12 | 17 | 7·4 | 6·3 | 6·8 | 8 | 0 | 0 | NNE | 3 | NW | 1 | NW | 2 | — | 18·6 |
| 3 | 35·7 | 35·2 | 33·7 | 40·6 | 25·2 | 29·8 | 39·2 | 33·8 | 22 | 12 | 15 | 6·9 | 6·5 | 6·0 | 4 | 0 | 0 | W | 2 | N | 2 | NW | 1 | — | 18·4 |
| 4 | 35·6 | 33·8 | 33·8 | 42·5 | 26·0 | 31·2 | 41·2 | 35·2 | 19 | 10 | 13 | 6·5 | 5·8 | 5·6 | 0 | 0 | 0 | N | 3 | NW | 2 | NNW | 5 | — | 20·0 |
| 5 | 35·4 | 33·7 | 32·5 | 43·4 | 29·0 | 32·0 | 41·5 | 36·2 | 16 | 7 | 12 | 5·9 | 3·9 | 5·5 | 9 | 3 | 3 | NW | 2 | NW | 2 | NW | 3 | — | 20·0 |
| 6 | 35·4 | 32·6 | 35·1 | 40·2 | 28·8 | 30·0 | 38·8 | 30·5 | 46 | 27 | 34 | 14·4 | 14·0 | 10·9 | 8 | 5 | 8 | S | 6 | SW | 1 | S | 9 | — | 14·7 |
| 7 | 35·3 | 34·2 | 33·5 | 40·8 | 28·5 | 31·0 | 39·2 | 35·0 | 36 | 16 | 24 | 12·0 | 8·7 | 10·2 | 8 | 6 | 10 | SW | 1 | SW | 2 | SW | 1 | — | 13·3 |
| 8 | 36·2 | 34·9 | 35·3 | 42·8 | 28·5 | 31·8 | 39·0 | 35·2 | 36 | 19 | 27 | 12·7 | 10·1 | 11·5 | 4 | 5 | 3 | SW | 3 | SW | 1 | SW | 1 | — | 14·2 |
| 9 | 35·9 | 33·3 | 33·2 | 42·2 | 28·6 | 31·4 | 40·2 | 36·5 | 45 | 21 | 22 | 15·3 | 11·9 | 10·4 | 4 | 0 | 0 | SW | 1 | SW | 1 | SW | 1 | — | 14·5 |
| 10 | 34·9 | 32·2 | 32·7 | 44·8 | 27·4 | 32·6 | 43·5 | 37·8 | 12 | 7 | 13 | 4·6 | 4·4 | 6·2 | 0 | 0 | 8 | N | 2 | S | 2 | W | 1 | — | 20·0 |
| 11 | 34·1 | 30·9 | 32·6 | 44·8 | 28·2 | 32·4 | 38·8 | 37·4 | 18 | 18 | 15 | 6·5 | 9·3 | 7·0 | 3 | 3 | 10 | N | 2 | N | 2 | SW | 1 | — | 19·3 |
| 12 | 35·1 | 32·3 | 31·9 | 42·8 | 30·2 | 31·6 | 42·2 | 34·8 | 39 | 14 | 29 | 13·4 | 8·8 | 12·1 | 8 | 5 | 2 | SW | 1 | NW | 2 | SW | 1 | — | 17·6 |
| 13 | 34·0 | 32·7 | 33·9 | 45·6 | 29·4 | 34·4 | 44·0 | 38·8 | 12 | 7 | 7 | 5·0 | 4·4 | 3·6 | 1 | 5 | 8 | N | 1 | SW | 1 | ESE | 2 | — | 17·6 |
| 14 | 34·1 | 32·1 | 33·2 | 45·2 | 28·4 | 34·8 | 43·5 | 36·2 | 16 | 7 | 18 | 6·7 | 4·4 | 8·3 | 0 | 7 | 3 | SSE | 2 | E | 2 | W | 1 | — | 16·1 |
| 15 | 34·7 | 32·9 | 33·9 | 44·5 | 26·6 | 37·2 | 43·0 | 36·0 | 18 | 11 | 15 | 8·5 | 7·2 | 6·7 | 1 | 6 | 4 | SW | 1 | SW | 1 | SW | 1 | — | 19·4 |
| 16 | 34·3 | 32·0 | 31·7 | 45·2 | 30·5 | — | 42·5 | 34·8 | — | 9 | 22 | — | 5·4 | 9·1 | 3 | 1 | 5 | W | 5 | WSW | 1 | WSW | 1 | — | 20·0 |
| 17 | 33·7 | 32·6 | 32·1 | 45·2 | 30·5 | 35·0 | 44·2 | 36·2 | 11 | 6 | 8 | 4·6 | 4·3 | 3·4 | 6 | 0 | 1 | N | 1 | SW | 1 | NNW | 2 | — | 19·5 |
| 18 | 35·4 | 33·9 | 33·4 | 42·2 | 26·2 | 33·0 | 40·8 | 39·2 | 9 | 7 | 5 | 3.4 | 3·8 | 2·4 | 0 | 3 | 0 | E | 1 | N | 2 | NW | 2 | — | 19·0 |
| 19 | 35·8 | 34·9 | 34·4 | 44·0 | 25·2 | 31·2 | 43·0 | 36·2 | 12 | 6 | 10 | 4·0 | 3·7 | 4·5 | 0 | 1 | 2 | NNW | 1 | W | 1 | NW | 2 | — | 17·6 |
| 20 | 35·9 | 33·4 | 34·2 | 45·0 | 29·0 | 34·8 | 44·2 | 35·2 | 12 | 8 | 19 | 4·8 | 5·2 | 8·1 | 1 | 2 | 0 | NNW | 1 | NE | 2 | NW | 1 | — | 18·5 |
| 21 | 35·8 | 33·9 | 33·4 | 44·8 | 27·6 | 35·2 | 44·8 | 36·5 | 16 | 7 | 8 | 6·7 | 4·8 | 3·7 | 0 | 1 | 0 | N | 1 | ENE | 4 | SW | 1 | — | 20·0 |
| 22 | 34·9 | 31·5 | 32·7 | 45·0 | 27·0 | 33·8 | 44·0 | 34·8 | 27 | 4 | 18 | 10·6 | 2·7 | 7·5 | 1 | 4 | 0 | SW | 1 | E | 2 | W | 1 | — | 16·7 |
| 23 | 33·9 | 31·5 | 33·1 | 45·8 | 29·0 | 34·0 | 45·0 | 36·8 | 16 | 7 | 24 | 6·4 | 5·2 | 11·4 | 2 | 6 | 8 | W | 1 | SW | 1 | SW | 1 | — | 15·6 |
| 24 | 35·6 | 34·2 | 34·1 | 45·0 | 29·0 | 31·8 | 43·5 | 37·8 | 33 | 9 | 13 | 11·5 | 6·2 | 6·2 | 5 | 3 | 6 | SW | 1 | SW | 1 | E | 5 | — | 15·2 |
| 25 | 35·8 | 34·6 | 33·8 | 45·2 | 29.6 | 36·8 | 44·5 | 35·2 | 22 | 11 | 21 | 10·5 | 7·4 | 8·9 | 0 | 6 | 2 | SW | 1 | WNW | 2 | W | 1 | — | 20·0 |
| 26 | 35·3 | 32·2 | 33·4 | 44·5 | 26·5 | 34·8 | 43·5 | 35·6 | 19 | 15 | 26 | 8·0 | 9·9 | 10·9 | 1 | 7 | 2 | N | 2 | N | 2 | W | 1 | — | 20·0 |
| 27 | 35·3 | 33·7 | 35·2 | 44·0 | 26·0 | 32·0 | 43·5 | 33·8 | 25 | 5 | 16 | 8·7 | 3·4 | 6·5 | 2 | 2 | 0 | NE | 3 | NE | 2 | N | 2 | — | 20·0 |
| 28 | 36·6 | 34·8 | 35·8 | 43·4 | 25·2 | 32·2 | 42·8 | 34·5 | 10 | 4 | 12 | 3·6 | 2·6 | 5·0 | 0 | 0 | 0 | NE | 4 | ENE | 3 | N | 2 | — | 20·0 |
| 29 | 36·4 | 33·4 | 33·7 | 43·0 | 25·4 | 31·8 | 42·2 | 33·5 | 19 | 8 | 18 | 6·6 | 5·2 | 7·1 | 0 | 0 | 0 | NNE | 2 | N | 2 | NW | 2 | — | 20·0 |
| 30 | 35·1 | 32·9 | 32·6 | 42·4 | 25·6 | 33·0 | 41·8 | 32·0 | 14 | 4 | 24 | 5·4 | 2·7 | 8·4 | 0 | 0 | 0 | N | 1 | NW | 2 | W | 1 | — | 20·0 |
| Month | 35·31 | 33·23 | 33·56 | 43·6 | 27.8 | 32·8 | 42.2 | 35·5 | 21 | 10 | 17 | 7·8 | 6·1 | 7·3 | 2·7 | 2·8 | 3·0 | — | 2·0 | — | 1·7 | — | 2·0 | — | 18·19 |

**Remarks:—**

$C_h = +21$ mm.

## October 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 34·0 | 32·4 | 33·4 | 42·7 | 25·6 | 31·0 | 42·2 | 36·8 | 16 | 9 | 0 | 5·6 | 5·5 | 0·1 | 1 | 2 | 0 | N | 2 | NE | 2 | N | 5 | — | 18·9 |
| 2 | 35·9 | 33·6 | 34·7 | 42·8 | 25·0 | 30·8 | 42·2 | 32·8 | 24 | 4 | 19 | 7·8 | 2·2 | 7·3 | 1 | 1 | 0 | N | 2 | NE | 2 | SW | 1 | — | 19·4 |
| 3 | 36·4 | 34·3 | 36·4 | 41·4 | 24·6 | 31·8 | 40·8 | 31·8 | 11 | 6 | 25 | 3·9 | 3·3 | 8·5 | 1 | 0 | 0 | NE | 2 | E | 2 | SW | 1 | — | 19·2 |
| 4 | 36·3 | 34·1 | 34·7 | 41·6 | 25·0 | 31·0 | 40·6 | 32·8 | 18 | 8 | 12 | 6·2 | 4·8 | 4·8 | 0 | 4 | 0 | N | 2 | SE | 1 | NE | 2 | — | 20·0 |
| 5 | 36·2 | 33·1 | 35·5 | 42·0 | 23·6 | 30·4 | 41·5 | 32·8 | 15 | 7 | 12 | 5·1 | 4·2 | 4·4 | 0 | 0 | 0 | NE | 3 | SW | 1 | N | 3 | — | 19·8 |
| 6 | 35·6 | 32·9 | 34·1 | 41·5 | 24·2 | 31·8 | 40·8 | 32·6 | 9 | 7 | 15 | 3·3 | 4·0 | 5·8 | 0 | 0 | 0 | NE | 2 | NE | 2 | W | 1 | — | 17·0 |
| 7 | 35·5 | 33·8 | 35·2 | 42·0 | 25·2 | 30·6 | 41·8 | 32·5 | 16 | 10 | 14 | 5·2 | 5·8 | 5·3 | 1 | 2 | 0 | NW | 1 | W | 1 | NW | 1 | — | 15·9 |
| 8 | 36·2 | 32·4 | 33·9 | 42·0 | 24·4 | 32·2 | 41·0 | 34·0 | 17 | 10 | 13 | 6·4 | 5·9 | 5·6 | 0 | 2 | 0 | NE | 2 | SW | 1 | NW | 1 | — | 15·0 |
| 9 | 35·3 | 33·8 | 33·7 | 43·8 | 25·5 | 29·8 | 43·0 | 36·8 | 26 | 11 | 17 | 8·1 | 7·2 | 7·9 | 2 | 3 | 8 | N | 1 | SW | 1 | W | 1 | — | 17·3 |
| 10 | 34·6 | 33·1 | 34·2 | 42·2 | 29·0 | 33·2 | — | 35·4 | 19 | — | 14 | 7·3 | — | 6·3 | 10 | 8 | 7 | NNE | 1 | SW | 1 | NW | 2 | — | 17·3 |
| 11 | 35·8 | 33·3 | 35·2 | 43·2 | 26·5 | 33·2 | 41·2 | 33·8 | 16 | 13 | 16 | 6·1 | 7·6 | 6·5 | 1 | 2 | 1 | ENE | 2 | SW | 1 | N | 1 | — | 17·1 |
| 12 | 35·4 | 33·8 | 33·6 | 43·8 | 24·8 | 30·6 | 41·5 | 35·0 | 25 | 9 | 12 | 8·3 | 5·6 | 5·0 | 0 | 0 | 0 | N | 2 | SW | 1 | N | 1 | — | 15·7 |
| 13 | 37·0 | 35·1 | 35·0 | 42·0 | 24·8 | 29·5 | 40·2 | 33·2 | 23 | 11 | 11 | 7·1 | 5·9 | 4·5 | 0 | 0 | 0 | N | 2 | SW | 1 | W | 1 | — | 20·0 |
| 14 | 37·9 | 35·3 | 36·2 | 42·6 | 23·5 | 29·2 | 41·8 | 32·8 | 22 | 5 | 13 | 6·7 | 3·2 | 5·1 | 0 | 0 | 0 | N | 2 | SW | 1 | SW | 1 | — | 20·0 |
| 15 | 37·3 | 34·9 | 35·8 | 41·0 | 24·0 | 29·2 | 40·2 | 32·8 | 14 | 8 | 12 | 4·3 | 4·2 | 4·8 | 0 | 0 | 0 | N | 3 | NW | 2 | NNW | 2 | — | 18·9 |
| 16 | 38·4 | 35·3 | 36·6 | 41·2 | 23·0 | 28·8 | 40·0 | 31·2 | 11 | 9 | 17 | 3·1 | 4·8 | 5·7 | 0 | 0 | 0 | NE | 2 | N | 1 | NW | 1 | — | 18·6 |
| 17 | 37·8 | 34·7 | 35·7 | 41·3 | 23·5 | 29·8 | 40·8 | 31·5 | 15 | 8 | 16 | 4·8 | 4·3 | 5·6 | 0 | 0 | 0 | N | 1 | NE | 2 | N | 1 | — | 20·0 |
| 18 | 36·9 | 35·2 | 36·6 | 41·8 | 25·0 | 30·8 | 41·0 | 32·6 | 15 | 10 | 16 | 5·1 | 5·9 | 6·1 | 0 | 0 | 3 | NNE | 2 | NW | 2 | N | 2 | — | 17·7 |
| 19 | 36·9 | 34·6 | 37·6 | 41·2 | 23·5 | 30·8 | 40·2 | 32·8 | 11 | 8 | 13 | 3·8 | 4·7 | 5·1 | 0 | 0 | 0 | NE | 2 | N | 2 | NW | 1 | — | 20·0 |
| 20 | 37·0 | 35·1 | 36·2 | 40·8 | 23·5 | 29·8 | 39·5 | 32·5 | 18 | 7 | 10 | 5·7 | 3·8 | 3·7 | 0 | 0 | 0 | NE | 3 | NW | 3 | N | 2 | — | 16·3 |
| 21 | 37·5 | 35·6 | 36·6 | 40·8 | 23·4 | 28·6 | 39·8 | 32·2 | 21 | 10 | 17 | 6·1 | 5·6 | 6·4 | 0 | 0 | 0 | N | 1 | N | 1 | NNW | 2 | — | 18·6 |
| 22 | 37·4 | 34·8 | 35·9 | 41·0 | 23·2 | 29·4 | 40·2 | 32·0 | 16 | 12 | 23 | 4·8 | 6·8 | 8·1 | 0 | 1 | 0 | NE | 2 | NW | 2 | N | 1 | — | 19·7 |
| 23 | 38·0 | 36·1 | 37·5 | 40·2 | 25·5 | 31·0 | 39·7 | 32·2 | — | 17 | 14 | — | 9·7 | 5·1 | 0 | 3 | 0 | NE | 3 | N | 2 | E | 2 | — | 19·8 |
| 24 | 38·3 | 36·6 | 37·4 | 38·4 | 24·5 | 30·5 | 37·8 | 29·5 | 10 | 7 | 12 | 3·2 | 3·2 | 3·5 | 0 | 0 | 0 | NE | 3 | NE | 2 | N | 2 | — | 18·7 |
| 25 | 38·5 | 37·0 | 38·3 | 36·8 | 21·2 | 26·6 | 35·8 | 28·2 | 20 | 7 | 14 | 5·1 | 3·2 | 4·1 | 1 | 0 | 0 | NNE | 2 | N | 2 | NNW | 2 | — | 16·9 |
| 26 | 39·8 | 37·3 | 38·6 | 35·0 | 19·4 | 24·2 | 34·2 | 27·8 | 24 | 8 | 16 | 5·4 | 3·3 | 4·3 | 1 | 1 | 0 | N | 1 | NNW | 2 | N | 2 | — | 16·2 |
| 27 | 39·9 | 38·0 | 39·2 | 32·8 | 18·5 | 23·6 | 32·0 | 26·6 | 23 | 11 | 16 | 5·0 | 4·0 | 4·0 | 1 | 0 | 0 | NNE | 2 | NW | 2 | WNW | 3 | — | 14·9 |
| 28 | 39·6 | 38·1 | 38·5 | 31·0 | 18·0 | 22·6 | 30·2 | 25·5 | 23 | 8 | 13 | 4·7 | 2·7 | 3·1 | 1 | 3 | 0 | NNW | 1 | NW | 2 | WNW | 2 | — | 15·4 |
| 29 | 40·5 | 38·9 | 39·0 | 30·8 | 16·5 | 21·8 | 30·2 | 24·5 | 21 | 10 | 11 | 4·0 | 3·1 | 2·6 | 0 | 0 | 0 | NNW | 1 | NNW | 2 | WNW | 2 | — | 14·2 |
| 30 | 40·0 | 38·1 | 37·8 | 32·2 | 16·3 | 21·0 | 31·5 | 25·8 | 61 | 10 | 14 | 11·2 | 3·8 | 3·4 | 0 | 0 | 0 | N | 2 | NW | 2 | NNW | 2 | — | 13·2 |
| 31 | 39·8 | 37·0 | 37·0 | 33·0 | 16·4 | 21·5 | 32·2 | 25·2 | 32 | 14 | 19 | 6·0 | 5·1 | 4·4 | 0 | 0 | 0 | N | 2 | N | 1 | W | 1 | — | 14·2 |
| Month | 37·28 | 35·11 | 36·13 | 39·8 | 23·1 | 28·9 | 38·8 | 31·5 | 20 | 9 | 14 | 5·6 | 4·8 | 5·1 | 1·0 | 1·0 | 0·6 | — | 1·9 | — | 1·6 | — | 1·5 | — | 17·61 |

**Remarks:—**

# MEROWE.

$\varphi = 18° 29' 24''$ N. $\lambda = 31° 49' 33''$ E. H = 255·1 m. $h_t = 1·5$ m.

$C_h$ = + 22 mm. **November 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 38·4 | 37·1 | 37·7 | 33·5 | 17·0 | 22.2 | 32·8 | 26·0 | 29 | 12 | 18 | 5·8 | 4·8 | 4·3 | 0 | 0 | 0 | NNW | 1 | W | 1 | NNW | 3 | — | 13.7 |
| 2 | 39·4 | 38·1 | 39·3 | 33·0 | 17·0 | 22·0 | 32·0 | 26·0 | 35 | 14 | 20 | 6·8 | 5·3 | 4·9 | 0 | 0 | 0 | N | 1 | W | 1 | — | 0 | — | 15·5 |
| 3 | 39·2 | 37·9 | 37·9 | 32·8 | 16·2 | 21·8 | 32·0 | 26·0 | 27 | 15 | 18 | 5·3 | 5·6 | 4·3 | 0 | 0 | 0 | N | 2 | NW | 2 | NW | 2 | — | 14·5 |
| 4 | 39·7 | 38·2 | 38·7 | 32·2 | 17·4 | 22·2 | 31·2 | 24·8 | 23 | 12 | 15 | 4·5 | 4·3 | 3·5 | 0 | 0 | 0 | N | 2 | W | 1 | WNW | 2 | — | 15·0 |
| 5 | 40.4 | 39·3 | 40·5 | 29·0 | 14·5 | 18·8 | 28·5 | 23·5 | 33 | 15 | 17 | 5·3 | 4·2 | 3·7 | 0 | 0 | 0 | NNE | 1 | NNW | 2 | NW | 1 | — | 13·8 |
| 6 | 41·0 | 38·6 | 40·0 | 29·4 | 15·4 | 19·0 | 28·8 | 22·8 | 32 | 15 | 17 | 5·2 | 4·3 | 3·4 | 0 | 0 | 0 | N | 2 | NNW | 1 | NNW | 2 | — | 15·3 |
| 7 | 41·2 | 38·7 | 39·8 | 29·6 | 14·4 | 18·2 | 28·8 | 22·6 | 33 | 12 | 18 | 5·2 | 3·7 | 3·8 | 0 | 0 | 0 | NNW | 1 | NNW | 2 | NW | 2 | — | 13·3 |
| 8 | 40·2 | 37·3 | 38·8 | 33·0 | 15·2 | 20·2 | 31·2 | 25·6 | 27 | 18 | 24 | 4·9 | 6·1 | 5·7 | 1 | 0 | 0 | NNE | 1 | ESE | 1 | NNW | 1 | — | 13·3 |
| 9 | 39·7 | 37·4 | 39·0 | 34·8 | 16·2 | 22·2 | 33·8 | 27·0 | 22 | 13 | 22 | 4·3 | 5·1 | 5·7 | 0 | 0 | 0 | N | 1 | NW | 1 | NNW | 1 | — | 15·3 |
| 10 | 39·5 | 37·3 | 38·7 | 33·8 | 16·4 | 22·6 | 33·0 | 25·4 | 22 | 12 | 15 | 4·5 | 4·6 | 3·6 | 0 | 0 | 0 | W | 1 | NNW | 1 | NNW | 3 | — | 15·2 |
| 11 | 39·0 | 36·5 | 37·3 | 33·5 | 16·4 | 22·0 | 32·6 | 26·8 | 25 | 18 | 17 | 4·9 | 6·7 | 4·4 | 0 | 0 | 0 | NNE | 1 | NNW | 1 | NW | 2 | — | 15·9 |
| 12 | 38·7 | 36·6 | 37·5 | 33·6 | 17·2 | 21·2 | 32·8 | 26·0 | 32 | 20 | 19 | 5·9 | 7·6 | 4·6 | 0 | 0 | 0 | N | 1 | ENE | 2 | N | 2 | — | 14·3 |
| 13 | 39·7 | 36·9 | 37·8 | 33·4 | 16·6 | 21·6 | 32·8 | 26·0 | 19 | 16 | 19 | 3·6 | 6·0 | 4·6 | 1 | 0 | 0 | N | 2 | NNW | 1 | NNW | 1 | — | 11·3 |
| 14 | 38·9 | 37·2 | 37·6 | 35·0 | 16·0 | 21·2 | 33·8 | 26·5 | 25 | 21 | 33 | 4·6 | 8·3 | 8·3 | 2 | 2 | 8 | NNW | 1 | NNW | 2 | N | 1 | — | 12·0 |
| 15 | 38·8 | 36·7 | 37·4 | 35·0 | 19·6 | 24·8 | 34·0 | 26·8 | 34 | 23 | 32 | 7·9 | 9·1 | 8·4 | 4 | 4 | 2 | WNW | 1 | NW | 1 | SW | 1 | — | 14·0 |
| 16 | 39·1 | 38·2 | 38·4 | 34·2 | 18·2 | 23·8 | 33·2 | 27·0 | 27 | 20 | 25 | 5·9 | 7·6 | 6·5 | 2 | 1 | 1 | N | 1 | NW | 2 | NW | 2 | — | 14·3 |
| 17 | 39·8 | 37·3 | 38·5 | 34·0 | 16·6 | 21·4 | 33·5 | 26·8 | 62 | 16 | 19 | 11·7 | 6·2 | 4·8 | 2 | 1 | 0 | N | 1 | N | 2 | NW | 3 | — | 13·0 |
| 18 | 39·0 | 36·4 | 38·2 | 36·0 | 17·0 | 21·8 | 35·0 | 29·0 | 56 | 18 | 23 | 10·8 | 7·8 | 6·8 | 0 | 0 | 0 | N | 2 | NW | 1 | NW | 1 | — | 14·6 |
| 19 | 37·7 | 36·1 | 36·7 | 35·8 | 19·0 | 24·5 | 34·0 | 28·0 | 30 | 17 | 21 | 6·9 | 6·8 | 5·9 | 1 | 4 | 0 | NE | 1 | N | 1 | NW | 1 | — | 15·2 |
| 20 | 39·5 | 36·3 | 39·1 | 35·2 | 20·2 | 23·8 | 34.8 | 26·0 | 33 | 19 | 24 | 7·3 | 8·0 | 6·0 | 2 | 3 | 1 | N | 2 | N | 1 | WNW | 5 | — | 14·5 |
| 21 | 39·6 | 37·1 | 39·2 | 33·8 | 17·8 | 21·6 | 33·0 | 25·8 | 31 | 20 | 31 | 5·9 | 7·4 | 7·6 | 2 | 0 | 0 | N | 2 | NNW | 2 | NW | 4 | — | 12·4 |
| 22 | 39·0 | 37·8 | 37·8 | 32·8 | 17·5 | 22·6 | 32·0 | 25·0 | 29 | 25 | 26 | 6·0 | 8·7 | 6·0 | 0 | 0 | 0 | NNE | 2 | SW | 1 | NW | 4 | — | 12·7 |
| 23 | 39·7 | 36·8 | 39·6 | 29·4 | 15·4 | 19·0 | 29·0 | 21·5 | 33 | 16 | 23 | 5·5 | 4·9 | 4·4 | 0 | 0 | 0 | N | 2 | NNW | 2 | NW | 2 | — | 11·6 |
| 24 | 41·3 | 39·0 | 40·7 | 26·0 | 12·5 | 17·2 | 25·6 | 20·0 | 38 | 13 | 25 | 5·5 | 3·2 | 4·3 | 0 | 0 | 0 | N | 2 | NNW | 2 | N | 2 | — | 12·2 |
| 25 | 40·9 | 38·1 | 39·9 | 28·2 | 12·0 | 16·4 | 27·8 | 21·8 | 43 | 18 | 26 | 5·9 | 4·9 | 5·2 | 3 | 2 | 0 | N | 2 | N | 2 | NNW | 2 | — | 10·8 |
| 26 | 39·9 | 38·2 | 39·6 | 31·4 | 13·2 | 17.5 | 30·5 | 23·0 | 31 | 24 | 36 | 4·6 | 7·7 | 7·5 | 4 | 3 | 5 | N | 1 | W | 1 | NNW | 1 | — | 11·4 |
| 27 | 39·6 | 36·9 | 37·8 | 30·4 | 14·0 | 18·2 | 29·8 | 24·2 | 35 | 21 | 23 | 5·4 | 6·6 | 5·2 | 1 | 1 | 0 | NNW | 1 | NNW | 2 | NNW | 2 | — | 11·2 |
| 28 | 38·5 | 36·0 | 37·6 | 32·0 | 13·4 | 17·2 | 31·5 | 23·8 | 33 | 16 | 16 | 4·8 | 5·6 | 3·6 | 2 | 3 | 4 | SSW | 1 | SW | 1 | NNW | 2 | — | 10·5 |
| 29 | 37·7 | 35·1 | 36·7 | 33·0 | 13·2 | 18·0 | 32·0 | 24·2 | 26 | 14 | 19 | 4·1 | 5·3 | 4·4 | 2 | 0 | 0 | N | 1 | N | 1 | N | 1 | — | 11·2 |
| 30 | 37·0 | 34·6 | 36·5 | 35·0 | 14·4 | 19·6 | 33·8 | 26·0 | 29 | 18 | 29 | 4·8 | 7·3 | 7·2 | 2 | 8 | 2 | N | 1 | N | 1 | NW | 1 | — | 11·9 |
| Month | 39·40 | 37·26 | 38·48 | 32·6 | 16·0 | 20·8 | 31·8 | 25·1 | 32 | 17 | 22 | 5·8 | 6·1 | 5.3 | 1·0 | 1·1 | 0·8 | — | 1·4 | — | 1·4 | — | 2·0 | — | 13·35 |

**Remarks :—**

$C_h$ = +22 mm. **December 1913.**

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 37·0 | 34·4 | 35·7 | 37·0 | 17·4 | 22·0 | 36·5 | 28·2 | 29 | 18 | 27 | 5·7 | 8·6 | 7·6 | 2 | 4 | 0 | NE | 1 | NW | 1 | N | 1 | — | 11·7 |
| 2 | 37·0 | 34·8 | 36·1 | 39·2 | 20·4 | 25·4 | 38·5 | 29·0 | 44 | 18 | 33 | 10·5 | 9·5 | 9·9 | 4 | 3 | 2 | NE | 1 | SW | 1 | NW | 1 | — | 15·0 |
| 3 | 37·8 | 36·9 | 38·0 | 34·6 | 21·0 | 24·5 | 33·5 | 24·0 | 43 | 26 | 25 | 9·8 | 10·1 | 5·6 | 2 | 8 | 0 | N | 2 | NNW | 2 | NNW | 5 | — | 16·0 |
| 4 | 41·6 | 37·5 | 40·2 | 32·4 | 16·0 | 20·0 | 31·8 | 23·8 | 59 | 17 | 22 | 10·4 | 6·1 | 4·9 | 0 | 0 | 0 | N | 2 | NNE | 2 | NNW | 3 | — | 12·7 |
| 5 | 41·0 | 38·4 | 40·2 | 29·6 | 15·5 | 19·5 | 28·8 | 23·0 | 28 | 22 | 25 | 4·6 | 6·5 | 5·1 | 0 | 0 | 0 | NE | 2 | NNE | 2 | NW | 2 | — | 12·0 |
| 6 | 40·3 | 38·5 | 39·6 | 29·5 | 13·0 | 16·5 | 29·0 | 23·0 | 27 | 19 | 13 | 3·8 | 5·6 | 2·8 | 0 | 0 | 0 | NE | 1 | NNW | 2 | NW | 1 | — | 12·0 |
| 7 | 40·4 | 39·6 | 39·6 | 25·6 | 10·5 | 15·0 | 25·2 | 19·0 | 32 | 16 | 26 | 4·0 | 3·8 | 4·2 | 0 | 1 | 0 | N | 1 | N | 4 | NW | 2 | — | 9·0 |
| 8 | 40·3 | 38·6 | 40·2 | 24·6 | 10·5 | 14·4 | 24·2 | 17·8 | 29 | 14 | 21 | 3·5 | 3·1 | 3·3 | 0 | 0 | 0 | N | 1 | N | 2 | NW | 1 | — | 9·0 |
| 9 | 39·0 | 37·8 | 38·4 | 26·0 | 9·2 | 14·8 | 25·8 | 18·2 | 30 | 9 | 19 | 3·7 | 2·3 | 3·0 | 0 | 0 | 0 | N | 1 | N | 2 | N | 1 | — | 10·3 |
| 10 | 39·0 | 37·9 | 39·1 | 26·8 | 10·5 | 15·0 | 26·5 | 18·8 | 23 | 6 | 16 | 2·9 | 1·6 | 2·7 | 0 | 0 | 0 | N | 1 | NE | 1 | NW | 1 | — | 17·0 |
| 11 | 40·6 | 39·7 | 39·3 | 25·5 | 10·6 | 15·8 | 25·5 | 20·0 | 25 | 13 | 31 | 3·3 | 3·2 | 5·4 | 1 | 0 | 0 | NNE | 1 | NNW | 2 | NW | 3 | — | 10·6 |
| 12 | 41·0 | 39·9 | 40·9 | 26·6 | 10·5 | 15·0 | 26·5 | 20·5 | 32 | 6 | 14 | 4·0 | 1·6 | 2·6 | 1 | 1 | 0 | N | 1 | NW | 1 | NNW | 1 | — | 11·6 |
| 13 | 41·2 | 39·3 | 41·0 | 27·5 | 11·6 | 15·2 | 27·0 | 20·2 | 24 | 5 | 20 | 3·1 | 1·3 | 3·6 | 0 | 1 | 2 | N | 1 | NNW | 2 | NNW | 2 | — | 13·0 |
| 14 | 41·8 | 39·8 | 40·9 | 25·8 | 11·0 | 14·8 | 25·8 | 19·8 | 24 | 7 | 19 | 3·0 | 1·8 | 3·2 | 2 | 0 | 0 | N | 1 | NNW | 2 | NW | 1 | — | 10·1 |
| 15 | 42·0 | 39·6 | 40·5 | 23·0 | 10·0 | 14·0 | 23·0 | 17·5 | 39 | 17 | 23 | 4·6 | 3·5 | 3·4 | 0 | 0 | 0 | N | 1 | NNW | 2 | NNW | 2 | — | 9·4 |
| 16 | 42·5 | 40·5 | 43·2 | 22·5 | 8·5 | 11·8 | 22·5 | 16·5 | 39 | 15 | 27 | 4·1 | 3·1 | 3·8 | 0 | 0 | 1 | N | 1 | N | 2 | NNW | 2 | — | 10·4 |
| 17 | 44·0 | 42·3 | 44·4 | 21·8 | 9·4 | 14·4 | 21·8 | 16·0 | 38 | 20 | 24 | 4·6 | 3·9 | 3·2 | 2 | 1 | 0 | N | 2 | N | 2 | NNW | 2 | — | 9·8 |
| 18 | 43·8 | 41·7 | 42·6 | 22·2 | 7·4 | 11·2 | 22·2 | 16·8 | 37 | 12 | 15 | 3·7 | 2·3 | 2·2 | 4 | 0 | 1 | N | 1 | N | 2 | N | 2 | — | 9·8 |
| 19 | 43·4 | 41·3 | 43·3 | 23·4 | 7·2 | 11·0 | 23·2 | 16·2 | 39 | 17 | 22 | 3·8 | 3·7 | 3·1 | 0 | 0 | 0 | NE | 1 | NNE | 1 | N | 1 | — | 11·3 |
| 20 | 43·7 | 42·1 | 42·7 | 25·5 | 6·8 | 11·8 | 25·0 | 18·8 | 34 | 16 | 16 | 3·5 | 3·6 | 2·7 | 0 | 0 | 0 | E | 1 | N | 2 | NNW | 2 | — | 17·7 |
| 21 | 44·1 | 41·4 | 43·1 | 26·4 | 8·5 | 13·4 | 26·0 | 20·0 | 30 | 10 | 15 | 3·4 | 2·5 | 2·6 | 0 | 0 | 0 | N | 1 | NNE | 2 | NNW | 3 | — | 13·7 |
| 22 | 45·4 | 42·3 | 45·0 | 23·6 | 10·5 | 14·0 | 23·6 | 17·0 | 30 | 9 | 19 | 3·5 | 2·2 | 2·8 | 1 | 1 | 0 | N | 1 | N | 2 | NNW | 2 | — | 9·7 |
| 23 | 44·7 | 43·8 | 44·7 | 22·2 | 8·8 | 12·4 | 22·2 | 16·0 | 40 | 15 | 31 | 4·2 | 3·0 | 4·1 | 0 | 0 | 0 | NNE | 2 | N | 2 | N | 1 | — | 9·5 |
| 24 | 46·8 | 43·4 | 44·6 | 24·5 | 7·0 | 11·5 | 24·5 | 17·2 | 40 | 18 | 27 | 4·1 | 4·2 | 3·9 | 0 | 2 | 0 | N | 1 | NNE | 2 | NW | 1 | — | 9·6 |
| 25 | 44·9 | 41·6 | 42·7 | 26·0 | 9·0 | 14·0 | 25·8 | 19·2 | 37 | 18 | 29 | 4·4 | 4·5 | 4·8 | 0 | 0 | 0 | NE | 1 | NNE | 1 | N | 1 | — | 10·4 |
| 26 | 43·2 | 41·9 | 41·4 | 26·0 | 10·8 | 14·5 | 25·0 | 20·2 | 45 | 23 | 35 | 5·5 | 5·7 | 6·1 | 0 | 0 | 0 | NE | 1 | NNE | 2 | N | 1 | — | 9·5 |
| 27 | 43·2 | 44·5 | 40·5 | 28·6 | 12·5 | 16·5 | 28·0 | 21·8 | 45 | 26 | 40 | 6·2 | 7·4 | 7·9 | 3 | 2 | 0 | N | 1 | N | 2 | NNW | 2 | — | 10·1 |
| 28 | 41·0 | 38·0 | 39·7 | 31·0 | 13·5 | 17·0 | 30·0 | 23·5 | 54 | 28 | 35 | 7·7 | 8·8 | 7·5 | 2 | 3 | 0 | N | 1 | NNW | 2 | N | 1 | — | 9·6 |
| 29 | 41·1 | 38·5 | 39·1 | 31·5 | 13·5 | 18·5 | 30·5 | 23·0 | 29 | 28 | 38 | 4·6 | 9·0 | 7·8 | 2 | 2 | 0 | NW | 1 | NW | 2 | NW | 1 | — | 10·9 |
| 30 | 40·6 | 39·2 | 39·2 | 31·0 | 13·6 | 19·8 | 30·5 | 24·2 | 41 | 18 | 34 | 7·0 | 5·9 | 7·8 | 2 | 8 | 0 | SW | 1 | N | 1 | N | 1 | — | 9·0 |
| 31 | 41·5 | 39·7 | 40·9 | 32·5 | 13·6 | 19·4 | 31·5 | 19·8 | 42 | 22 | 58 | 7·0 | 7·4 | 10·1 | 0 | 4 | 0 | W | 1 | NE | 1 | N | 1 | — | 9·0 |
| Month | 41·72 | 39·84 | 40·86 | 27·5 | 11·6 | 15·9 | 27·1 | 20·3 | 36 | 16 | 26 | 5·0 | 4·7 | 4·8 | 0·9 | 1·3 | 0·2 | — | 1·2 | — | 1·8 | — | 1·6 | — | 11·27 |

**Remarks :—**

# PORT SUDAN.

$\varphi = 19° 37'$ N. $\lambda = 37° 13'$ E. H = 5·9 m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h = + 0·5$ mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63·2 | 60·6 | 62·8 | 25·5 | 17·5 | 21·6 | 24·7 | 21·6 | 41 | 42 | 69 | 8·0 | 9·6 | 13·1 | 0 | 0 | 0 | NW | 1 | NE | 6 | N | 1 | 0·0 | 9·0 |
| 2 | 63·0 | 61·1 | 62·7 | 25·0 | 17·0 | 21·0 | 24·4 | 20·5 | 43 | 44 | 69 | 7·9 | 9·9 | 12·3 | 2 | 0 | 0 | NE | 1 | NE | 4 | N | 1 | 0·0 | 8·5 |
| 3 | 63·4 | 61·0 | 62·7 | 25·5 | 17·5 | 21·5 | 24·1 | 23·0 | 46 | 52 | 60 | 8·7 | 11·6 | 12·5 | 8 | 0 | 8 | NE | 1 | NE | 5 | NW | 4 | 0·0 | 10·0 |
| 4 | 61·8 | 60 6 | 62·2 | 25·0 | 20·0 | 22·0 | 24·0 | 21·7 | 55 | 62 | 66 | 10·7 | 13·8 | 12·6 | 6 | 9 | 0 | NE | 4 | NE | 6 | N | 4 | 0·0 | 8·5 |
| 5 | 62·8 | 59·6 | 61·6 | 26·5 | 20·5 | 23·4 | 23·7 | 23·7 | 56 | 72 | 74 | 12·0 | 15 5 | 16·0 | 2 | 2 | 9 | N | 2 | N | 1 | NW | 3 | Drops | 9·0 |
| 6 | 62·0 | 58·8 | 59·7 | 28·0 | 21·0 | 23·8 | 27·2 | 24·9 | 69 | 73 | 82 | 15·1 | 19·6 | 19·1 | 4 | 4 | 1 | N | 1 | SE | 4 | Calm | 0 | 0·0 | 3·0 |
| 7 | 58·8 | 58·4 | 57·4 | 29·5 | 21·0 | 25·0 | 28·4 | 25·5 | 80 | 59 | 72 | 18·9 | 16·8 | 17·5 | 3 | 0 | 0 | Calm | 0 | NE | 1 | Calm | 0 | 0·0 | 4·5 |
| 8 | 58·3 | 58·1 | 60·5 | 28·5 | 20·0 | 25·0 | 26·0 | 23·7 | 71 | 67 | 75 | 16·7 | 16·8 | 16·1 | 0 | 0 | 0 | N | 1 | N | 7 | NW | 4 | 0·0 | 9·0 |
| 9 | 62·4 | 61·9 | 62·5 | 25·5 | 21·0 | 23·2 | 24·7 | 23·0 | 59 | 64 | 67 | 12·5 | 14·8 | 14·1 | 2 | 5 | 7 | NE | 1 | NE | 5 | NW | 3 | 0·0 | 9·0 |
| 10 | 63·4 | 62·0 | 62·6 | 25·0 | 21·2 | 23·5 | 24·1 | 21·0 | 55 | 60 | 70 | 11·7 | 13·2 | 12·9 | 0 | 0 | 0 | NE | 1 | NE | 5 | N | 1 | 0·0 | 8·5 |
| 11 | 61·8 | 58·6 | 59·7 | 26·5 | 18·5 | 22·2 | 25·0 | 24·5 | 68 | 62 | 72 | 13·4 | 14·5 | 16.3 | 8 | 0 | 8 | NE | 2 | NE | 2 | W | 1 | 0·0 | 4·0 |
| 12 | 59·6 | 57·6 | 59·5 | 29·0 | 19·0 | 25·0 | 27·0 | 24·5 | 61 | 67 | 80 | 14·3 | 17·7 | 18·3 | 4 | 0 | 0 | N | 1 | NE | 4 | N | 1 | 0·0 | 5·0 |
| 13 | 60·8 | 58·9 | 60·9 | 27·0 | 21·5 | 24·5 | 26·0 | 24·6 | 68 | 69 | 75 | 15·5 | 17·2 | 17·2 | 3 | 7 | 8 | N | 1 | NE | 4 | NW | 5 | 0·0 | 7·0 |
| 14 | 62·1 | 60·5 | 62·6 | 26·0 | 21·0 | 22·6 | 25·2 | 22·5 | 66 | 61 | 75 | 13·3 | 14·4 | 15·2 | 8 | 2 | 0 | NE | 1 | NE | 5 | NW | 1 | 0·0 | 7·0 |
| 15 | 61·9 | 59·5 | 60·9 | 26·0 | 20·5 | 23·0 | 24·9 | 24·9 | 59 | 65 | 70 | 12·3 | 15·2 | 16·4 | 6 | 3 | 9 | NE | 1 | NE | 3 | N | 1 | 0·0 | 5·0 |
| 16 | 60·6 | 57·9 | 59·7 | 27·5 | 20·5 | 24·0 | 26·4 | 25·5 | 75 | 72 | 78 | 16·6 | 18·2 | 18·8 | 6 | 0 | 0 | NE | 1 | NE | 5 | Calm | 0 | 0·0 | 5·0 |
| 17 | 61·0 | 59·2 | 62·5 | 27·5 | 20·5 | 24·0 | 26·0 | 22·7 | 57 | 64 | 64 | 12·5 | 15·8 | 13·1 | 3 | 0 | 8 | NE | 1 | NE | 5 | NW | 4 | 0·0 | 10·0 |
| 18 | 65·2 | 63·4 | 65·7 | 26·0 | 18·0 | 22·0 | 19·7 | 20·4 | 29 | 57 | 34 | 5·7 | 9·7 | 6·1 | 0 | 0 | 0 | N | 1 | NE | 5 | NW | 3 | 0·0 | 15·5 |
| 19 | 65·5 | 61·8 | 63·4 | 25·5 | 17·5 | 20·5 | 23·0 | 23·0 | 48 | 60 | 41 | 8·6 | 12·6 | 8·7 | 4 | 3 | 0 | NE | 2 | N | 4 | N | 1 | 0·0 | 12·0 |
| 20 | 62·8 | 60·5 | 62·8 | 27·5 | 17·0 | 22·0 | 26·1 | 23·3 | 56 | 57 | 57 | 11·1 | 14·2 | 12·1 | 3 | 3 | 7 | NE | 2 | NE | 5 | N | 6 | 0·0 | 12·0 |
| 21 | 62·4 | 60·6 | 61·9 | 26·0 | 20·0 | 22·5 | 24·6 | 22·0 | 55 | 68 | 92 | 11·1 | 15·6 | 18·0 | 6 | 10 | 10 | NE | 3 | NE | 6 | NW | 4 | 5·0 | 5·0 |
| 22 | 61·7 | 60·1 | 61·1 | 27·5 | 20·5 | 23·0 | 26·8 | 25·1 | 74 | 70 | 83 | 15·5 | 18·4 | 19·6 | 3 | 3 | 0 | NE | 1 | NE | 5 | Calm | 0 | 0·0 | 3·0 |
| 23 | 61·2 | 59·1 | 60·1 | 27·7 | 21·0 | 24·0 | 27·7 | 25·3 | 83 | 66 | 77 | 18·4 | 18·0 | 18·5 | 5 | 0 | 0 | N | 1 | E | 2 | Calm | 0 | 0·0 | 5·0 |
| 24 | 61·1 | 59·4 | 60·9 | 28·0 | 21·5 | 24·5 | 26·7 | 25·5 | 83 | 69 | 76 | 19·0 | 17·9 | 18·4 | 0 | 0 | 0 | N | 1 | NE | 4 | NW | 3 | 0·0 | 5·5 |
| 25 | 63·2 | 61·6 | 63.5 | 26·0 | 21·0 | 23·0 | 25·4 | 23·7 | 74 | 60 | 63 | 15·5 | 14·4 | 13·8 | 9 | 7 | 8 | NE | 1 | NE | 6 | NE | 5 | 0·0 | 8·5 |
| 26 | 63·3 | 61·2 | 62·5 | 25·5 | 19·5 | 21·5 | 24·6 | 22·5 | 57 | 59 | 64 | 10·8 | 13·6 | 12·9 | 9 | 1 | 0 | NE | 1 | NE | 5 | NE | 4 | 0·0 | 5·0 |
| 27 | 62·6 | 60·4 | 61·1 | 25·0 | 20·0 | 22·0 | 24·1 | 23·5 | 62 | 67 | 73 | 12·1 | 14·9 | 15·6 | 9 | 9 | 4 | N | 3 | N | 4 | Calm | 0 | Drops | 6·0 |
| 28 | 61·4 | 59·6 | 62·4 | 27·5 | 20·0 | 22·5 | 26·0 | 24·5 | 61 | 66 | 77 | 12·3 | 16·3 | 17·6 | 9 | 0 | 0 | W | 1 | NW | 5 | NW | 2 | 0·0 | 5·0 |
| 29 | 62·9 | 61·6 | 62·9 | 25·0 | 21·0 | 22·8 | 23·8 | 22·0 | 62 | 60 | 63 | 12·7 | 12·9 | 12·3 | 9 | 10 | 3 | NE | 2 | NE | 6 | NW | 4 | 0·0 | 10·0 |
| 30 | 62·0 | 59·1 | 60·7 | 25·5 | 19·0 | 21·0 | 24·0 | 21·7 | 57 | 63 | 72 | 10·5 | 14·1 | 13·9 | 1 | 4 | 1 | NW | 1 | N | 4 | NW | 1 | 0·0 | 7·5 |
| 31 | 60·9 | 59·4 | 61·4 | 26·0 | 20·0 | 22·5 | 24·0 | 23·5 | 60 | 71 | 67 | 12·0 | 15·6 | 14·4 | 5 | 5 | 7 | NE | 2 | NE | 5 | NW | 3 | 0·0 | 10·0 |
| Month | 62.04 | 60·07 | 61·64 | 26·5 | 19·8 | 22·9 | 25·1 | 23·3 | 61 | 63 | 70 | 12·8 | 14·9 | 14·9 | 4·4 | 2·8 | 3·2 | — | 1·4 | — | 4·4 | — | 2·3 | 5·0 | 7·48 |

**Remarks:—**

$C_h = + 0·5$ mm.

## February 1913.

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·8 | 59·6 | 61·1 | 25·5 | 20·0 | 22·0 | 24.6 | 22·2 | 54 | 63 | 70 | 10·5 | 14·4 | 13·9 | 10 | 0 | 1 | NE | 2 | NE | 5 | NW | 2 | 0·0 | 7·0 |
| 2 | 62·3 | 59·9 | 61·3 | 25·0 | 18·0 | 22·0 | 24·7 | 22·6 | 55 | 55 | 65 | 10·7 | 12·7 | 13·2 | 0 | 0 | 4 | NE | 1 | NE | 5 | Calm | 0 | 0·0 | 8·0 |
| 3 | 62·1 | 60·0 | 60·6 | 25·5 | 18·0 | 22·0 | 24·2 | 21·0 | 54 | 56 | 67 | 10·5 | 12·5 | 12·3 | 2 | 1 | 0 | N | 1 | NE | 6 | N | 1 | 0·0 | 7·0 |
| 4 | 60·2 | 57·3 | 58·0 | 27·0 | 18·0 | 22·0 | 25·0 | 23·1 | 58 | 61 | 77 | 11·4 | 14·3 | 16·2 | 9 | 0 | 0 | NW | 4 | NE | 4 | Calm | 0 | 0·0 | 5·0 |
| 5 | 59·5 | 57·9 | 59·4 | 26·5 | 19·5 | 23·0 | 24·9 | 23·7 | 70 | 74 | 72 | 14·7 | 17·3 | 15·5 | 9 | 0 | 4 | NE | 2 | NE | 5 | NW | 2 | 0·0 | 6·0 |
| 6 | 60·5 | 59·0 | 61·6 | 25·0 | 20·5 | 22·0 | 24·7 | 22·7 | 61 | 57 | 61 | 12·0 | 13·2 | 12·5 | 6 | 6 | 0 | N | 1 | NE | 6 | NW | 3 | 0·0 | 9·0 |
| 7 | 61·7 | 60·5 | 62·6 | 25·5 | 19·0 | 22·0 | 24·7 | 20·8 | 39 | 42 | 68 | 7·7 | 9·7 | 12·4 | 2 | 0 | 0 | N | 1 | NE | 6 | NE | 2 | 0·0 | 9·5 |
| 8 | 62·7 | 60·6 | 61·8 | 25·5 | 15·0 | 21·8 | 24·6 | 21·5 | 64 | 39 | 55 | 12·4 | 9·0 | 10·3 | 0 | 0 | 0 | NW | 1 | NE | 5 | NE | 1 | 0·0 | 11·0 |
| 9 | 62·1 | 59·6 | 61·5 | 25·0 | 15·0 | 21·0 | 24·4 | 22·0 | 45 | 48 | 69 | 8·3 | 10·8 | 13·5 | 0 | 0 | 2 | N | 1 | E | 5 | NE | 1 | 0·0 | 7·0 |
| 10 | 59·9 | 57 4 | 58·6 | 27·5 | 15·0 | 22·0 | 24·9 | 22·0 | 55 | 55 | 70 | 10·7 | 12·7 | 13·7 | 2 | 0 | 0 | N | 1 | SW | 3 | Calm | 0 | 0·0 | 5·0 |
| 11 | 59·1 | 57·2 | 58·6 | 27·5 | 17·0 | 23·0 | 25·2 | 22·6 | 59 | 61 | 73 | 12·3 | 14·4 | 15·0 | 8 | 1 | 1 | Calm | 0 | E | 4 | Calm | 0 | 0·0 | 5·0 |
| 12 | 58·6 | 57·4 | 59·1 | 26·5 | 19·0 | 23·0 | 25·0 | 22·6 | 59 | 58 | 65 | 12·3 | 13·5 | 13·2 | 8 | 3 | 6 | NE | 1 | NE | 5 | N | 1 | 0·0 | 7·5 |
| 13 | 57·6 | 54·9 | 56·6 | 26·5 | 21·0 | 22·5 | 25·0 | 23·5 | 63 | 61 | 71 | 12·6 | 14·3 | 15·2 | 10 | 8 | 8 | N | 1 | E | 4 | Calm | 0 | 0·0 | 5·0 |
| 14 | 55·8 | 53·8 | 56·2 | 28·5 | 21·5 | 24·8 | 26·5 | 25·6 | 64 | 70 | 87 | 14·8 | 18·0 | 21·2 | 9 | 5 | 10 | Calm | 0 | SE | 4 | Calm | 0 | 0·0 | 6·0 |
| 15 | 58·5 | 57·0 | 59·7 | 27·0 | 22·5 | 24·0 | 26·2 | 24·1 | 87 | 72 | 79 | 19·3 | 18·2 | 17·7 | 10 | 10 | 9 | NE | 2 | NE | 5 | N | 5 | Drops | 6·0 |
| 16 | 61·6 | 60·0 | 61·6 | 25.0 | 21·0 | 22·0 | 24·2 | 22·0 | 62 | 60 | 69 | 12·1 | 13·5 | 13·5 | 8 | 10 | 1 | N | 3 | NE | 5 | Calm | 0 | 0·0 | 5·0 |
| 17 | 60·3 | 58·6 | 60·4 | 25·5 | 19·0 | 20·5 | 24·7 | 20·4 | 79 | 60 | 74 | 14·1 | 13·8 | 13·3 | 9 | 3 | 3 | N | 2 | NE | 6 | NE | 2 | 0·0 | 7·0 |
| 18 | 62·3 | 59·7 | 60·8 | 25·0 | 16·5 | 22·5 | 24·2 | 21·6 | 35 | 41 | 71 | 7·0 | 9·1 | 13·5 | 0 | 0 | 0 | NE | 1 | NE | 5 | NW | 6 | 0·0 | 9·0 |
| 19 | 61·3 | 59·4 | 61·8 | 24·5 | 16·5 | 19·5 | 24·2 | 20·1 | 40 | 36 | 55 | 6·7 | 8·2 | 9·6 | 6 | 2 | 0 | NE | 2 | NE | 2 | N | 2 | 0·0 | 9·5 |
| 20 | 62·7 | 60·9 | 62·1 | 25·0 | 15·0 | 20·0 | 23·7 | 21·0 | 41 | 35 | 57 | 7·2 | 7·7 | 10·5 | 0 | 1 | 3 | NW | 2 | NE | 6 | N | 3 | 0·0 | 10·5 |
| 21 | 62·3 | 60·2 | 61·5 | 25·1 | 15·5 | 21·0 | 25·1 | 20·7 | 38 | 42 | 44 | 7·1 | 9·9 | 7·8 | 0 | 0 | 0 | N | 2 | NE | 7 | N | 3 | 0·0 | 10·0 |
| 22 | 60·9 | 59·4 | 60·3 | 27·0 | 15·0 | 23·4 | 26·2 | 21·6 | 43 | 56 | 38 | 9·3 | 13·9 | 7·3 | 3 | 0 | 0 | NE | 2 | NE | 6 | N | 2 | 0·0 | 9·0 |
| 23 | 60·5 | 58·6 | 60·2 | 27·5 | 17·5 | 25·0 | 26·2 | 22·6 | 36 | 62 | 63 | 8·3 | 15·7 | 10·8 | 0 | 0 | 3 | NE | 1 | NE | 5 | N | 1 | 0·0 | 4·0 |
| 24 | 59·5 | 57·0 | 58 7 | 29·5 | 17·5 | 23·5 | 26·1 | 24·2 | 66 | 68 | 69 | 14·2 | 17·1 | 15·5 | 8 | 0 | 0 | N | 1 | S | 1 | SE | 1 | 0·0 | 3·0 |
| 25 | 59·7 | 58·8 | 59.7 | 30·0 | 19·0 | 25·0 | 27·0 | 25·0 | 76 | 77 | 80 | 17·8 | 20·3 | 18·7 | 9 | 0 | 0 | Calm | 0 | SE | 2 | S | 1 | 0·0 | 5·5 |
| 26 | 61·1 | 60·1 | 60·8 | 26·0 | 21·5 | 23·5 | 25·0 | 24·0 | 67 | 68 | 68 | 14·4 | 16·0 | 15·1 | 5 | 8 | 6 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 9·5 |
| 27 | 61·2 | 58·9 | 60·9 | 27·5 | 20·0 | 23·0 | 25·1 | 23·5 | 66 | 61 | 67 | 13·9 | 14·3 | 14·4 | 8 | 0 | 1 | N | 2 | NE | 2 | N | 1 | 0·0 | 9·0 |
| 28 | 60·8 | 59·0 | 61·3 | 26·0 | 17·0 | 23·0 | 25·0 | 23·5 | 58 | 58 | 56 | 12·0 | 13·5 | 12·0 | 0 | 0 | 0 | N | 2 | NE | 1 | Calm | 0 | 0·0 | 9 0 |
| Month | 60·59 | 58·67 | 60·24 | 26·3 | 18·2 | 22·5 | 25·0 | 22·5 | 57 | 57 | 66 | 11·6 | 13·5 | 13·5 | 5·0 | 2·1 | 2·2 | — | 1·5 | — | 4·4 | — | 1·5 | Drops | 7·29 |

**Remarks:—**

# PORT SUDAN.

$\varphi = 19^\circ\ 37'$ N. $\lambda = 37^\circ\ 13'$ E. $H = 5{\cdot}9$ m. $h_t = 1{\cdot}6$ m. $h_r = 1{\cdot}1$ m.

$C_h = +\ 0{\cdot}5$ mm.

## March 1913.

| Day | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60·4 | 59·5 | 60.1 | 26·0 | 15·0 | 22·0 | 25·5 | 22·0 | 54 | 65 | 74 | 10·5 | 15·7 | 14·5 | 0 | 0 | 0 | N | 2 | NE | 1 | N | 1 | 0·0 | 6·0 |
| 2 | 59·8 | 57·9 | 59·4 | 28·0 | 17·0 | 22·5 | 26·5 | 23·5 | 66 | 66 | 83 | 13·4 | 16·9 | 17·8 | 0 | 0 | 0 | NE | 1 | NE | 1 | Calm | 0 | 0·0 | 5·0 |
| 3 | 58·0 | 55·5 | 57·3 | 29·0 | 19·0 | 24·5 | 27·5 | 25·0 | 66 | 74 | 87 | 15·0 | 20·0 | 20·6 | 8 | 0 | 0 | Calm | 0 | SE | 1 | Calm | 0 | 0·0 | 3·0 |
| 4 | 56·1 | 55.5 | 57·9 | 27·5 | 20·5 | 25·0 | 27·5 | 24·0 | 84 | 70 | 72 | 19·7 | 19·1 | 15·8 | 3 | 4 | 10 | Calm | 0 | NE | 1 | NE | 1 | 0·0 | 9·5 |
| 5 | 60·6 | 59·1 | 61·2 | 23·0 | 20·0 | 21·5 | 22·5 | 22·0 | 62 | 70 | 62 | 11·7 | 14·2 | 12·1 | 10 | 10 | 0 | N | 1 | NE | 2 | NE | 1 | 0·0 | 7·0 |
| 6 | 60·9 | 59·3 | 60·0 | 25·0 | 16·5 | 21·0 | 24·5 | 22·0 | 62 | 68 | 74 | 11·3 | 15·5 | 14·5 | 3 | 1 | 0 | NE | 2 | NE | 2 | NE | 1 | 0·0 | 8·0 |
| 7 | 62·1 | 60·7 | 61·4 | 25·0 | 17·0 | 21·0 | 23·5 | 21·5 | 45 | 52 | 47 | 8·3 | 11·2 | 9·0 | 2 | 0 | 0 | NE | 1 | NE | 1 | N | 1 | 0·0 | 10·0 |
| 8 | 63·2 | 60·4 | 62·1 | 25·5 | 14·5 | 20·4 | 25·0 | 22·0 | 51 | 61 | 62 | 9·1 | 14·3 | 12·1 | 0 | 0 | 0 | N | 1 | NE | 1 | NE | 1 | 0·0 | 10·0 |
| 9 | 61·2 | 60·8 | 62·1 | 26·0 | 15·0 | 21·8 | 25·2 | 22·2 | 55 | 42 | 51 | 10·6 | 10·0 | 10·2 | 0 | 0 | 2 | N | 2 | NE | 2 | N | 1 | 0·0 | 9·0 |
| 10 | 60·6 | 60·8 | 60·9 | 26·0 | 14·5 | 23·2 | 24·2 | 22·4 | 54 | 53 | 66 | 11·4 | 11·9 | 13·3 | 0 | 1 | 2 | E | 1 | N | 1 | NE | 1 | 0·0 | 9·5 |
| 11 | 62·1 | 61·1 | 60·9 | 25·5 | 17·0 | 22·0 | 25·0 | 22·4 | 54 | 48 | 44 | 10·5 | 11·4 | 8·8 | 0 | 0 | 0 | NE | 2 | N | 1 | Calm | 0 | 0·0 | 12·0 |
| 12 | 60·4 | 58·9 | 59·8 | 26·2 | 16·5 | 22·5 | 25·0 | 23·2 | 61 | 43 | 44 | 12·3 | 10·1 | 9·4 | 0 | 0 | 0 | E | 1 | Calm | 0 | Calm | 0 | 0·0 | 6·0 |
| 13 | 60·9 | 61·0 | 61·3 | 26·0 | 17·6 | 23·0 | 24·2 | 22·5 | 74 | 53 | 56 | 15·5 | 11·9 | 11·4 | 5 | 2 | 2 | NE | 2 | NE | 1 | N | 2 | 0·0 | 10·0 |
| 14 | 60·1 | 60·2 | 59·4 | 26·5 | 17·0 | 22·8 | 24·6 | 22·4 | 57 | 49 | 50 | 11·8 | 11·3 | 9·9 | 0 | 0 | 5 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 10·0 |
| 15 | 60·7 | 59·9 | 60·0 | 26·5 | 16·5 | 22·0 | 25·2 | 22·2 | 56 | 42 | 46 | 11·1 | 10·0 | 9·2 | 0 | 0 | 0 | NE | 3 | NE | 6 | NE | 1 | 0·0 | 11·0 |
| 16 | 60·6 | 60·9 | 60·4 | 27·0 | 16·0 | 22·0 | 25·6 | 22·4 | 66 | 36 | 45 | 12·9 | 8·6 | 9.0 | 0 | 1 | 0 | NE | 5 | NE | 4 | NE | 1 | 0·0 | 10·0 |
| 17 | 60·0 | 58·1 | 58·6 | 26·0 | 16·5 | 23·5 | 25·0 | 22·6 | 71 | 47 | 32 | 15·2 | 11·1 | 6·4 | 1 | 0 | 0 | NE | 2 | NE | 3 | NE | 1 | 0·0 | 7·0 |
| 18 | 57·8 | 58·9 | 57·0 | 26·0 | 18·5 | 23·5 | 26·0 | 23·5 | 62 | 72 | 79 | 13·3 | 17·9 | 17·0 | 3 | 2 | 0 | Calm | 0 | NE | 2 | Calm | 0 | 0·0 | 4·0 |
| 19 | 59·5 | 59·4 | 57·9 | 27·0 | 21·5 | 25·0 | 24·4 | 22·4 | 68 | 63 | 52 | 16·0 | 14·4 | 10·5 | 1 | 2 | 2 | NE | 3 | NE | 5 | N | 4 | 0·0 | 10·0 |
| 20 | 61·5 | 58·6 | 60·8 | 26·6 | 17·5 | 22·6 | 24·8 | 21·5 | 62 | 50 | 71 | 12·6 | 11·5 | 13·5 | 0 | 1 | 0 | NE | 3 | NE | 6 | Calm | 0 | 0·0 | 8·0 |
| 21 | 60·3 | 58·2 | 58·8 | 26·5 | 15·5 | 22·5 | 26·0 | 21·8 | 58 | 48 | 64 | 11·7 | 12·1 | 12·3 | 1 | 1 | 1 | N | 1 | NE | 3 | Calm | 0 | 0·0 | 9·5 |
| 22 | 58·6 | 59·4 | 61·0 | 28·5 | 18·0 | 23·2 | 28·0 | 21·8 | 50 | 40 | 53 | 10·6 | 11·2 | 10·3 | 1 | 1 | 1 | NE | 2 | N | 4 | NE | 1 | 0·0 | 9·0 |
| 23 | 58·2 | 58·2 | 58·4 | 28·2 | 16·0 | 24·5 | 27·4 | 21·6 | 43 | 53 | 62 | 9·8 | 14·2 | 11·9 | 1 | 1 | 0 | NE | 2 | N | 4 | N | 1 | 0·0 | 9·0 |
| 24 | 59·0 | 57·8 | 59·3 | 27·5 | 17·0 | 24·5 | 26·0 | 23·0 | 72 | 75 | 88 | 16·3 | 18·7 | 18·1 | 0 | 0 | 0 | NE | 2 | NE | 1 | N | 1 | 0·0 | 11·0 |
| 25 | 60·5 | 58·8 | 58·2 | 28·6 | 19·0 | 25·0 | 27·2 | 24·5 | 74 | 73 | 92 | 17·5 | 19·8 | 21·1 | 1 | 1 | 0 | Calm | 0 | NE | 1 | Calm | 0 | 0·0 | 4·2 |
| 26 | 59·1 | 56·3 | 56·6 | 29·0 | 22·0 | 26·0 | 28·6 | 26·0 | 73 | 68 | 92 | 18·3 | 19·7 | 22·9 | 3 | 0 | 0 | NE | 1 | NE | 1 | Calm | 0 | 0·0 | 4·0 |
| 27 | 58·0 | 55·5 | 57·0 | 29·5 | 22·6 | 26·5 | 28·6 | 25·0 | 80 | 69 | 92 | 20·6 | 20·3 | 21 6 | 1 | 0 | 0 | NE | 3 | NE | 2 | Calm | 0 | 0·0 | 4·0 |
| 28 | 58·2 | 57·9 | 56·5 | 29·5 | 22·2 | 27·0 | 28·2 | 27·2 | 73 | 77 | 86 | 19·4 | 22·0 | 23·0 | 0 | 0 | 5 | NE | 2 | NE | 3 | NE | 2 | 1·0 | 3·0 |
| 29 | 60·1 | 57·7 | 59·2 | 29·0 | 21·5 | 26·0 | 28·4 | 25·0 | 69 | 65 | 87 | 17·2 | 18·7 | 20·6 | 0 | 0 | 0 | NE | 2 | Calm | 0 | N | 2 | 0·0 | 5·0 |
| 30 | 59·5 | 57·3 | 58·1 | 29·5 | 22·2 | 27·0 | 28·4 | 25·0 | 73 | 65 | 93 | 19·4 | 18·7 | 22·0 | 1 | 1 | 1 | Calm | 0 | N | 1 | Calm | 0 | 0·0 | 4·0 |
| 31 | 58·4 | 57·8 | 56·7 | 30·0 | 21·0 | 27·6 | 29·2 | 24·0 | 77 | 65 | 69 | 21·1 | 19·8 | 15·3 | 0 | 1 | 2 | Calm | 0 | NE | 2 | Calm | 0 | 0·0 | 4·0 |
| Month | 59·88 | 58·75 | 59·30 | 27·1 | 18·1 | 23·6 | 26·1 | 23·1 | 64 | 59 | 67 | 14·0 | 14·9 | 14·3 | 1·4 | 1·0 | 1·1 | — | 1·5 | — | 2·1 | — | 0·8 | 1·0 | 7·47 |

Remarks:— 28 ▲.

$C_h = +\ 0{\cdot}5$ mm.

## April 1913.

| Day | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57·5 | 58·0 | 58·5 | 31·6 | 20·6 | 27·5 | 31·2 | 25·0 | 80 | 57 | 77 | 22·0 | 19·3 | 18·2 | 1 | 0 | 0 | NE | 1 | N | 1 | NE | 1 | 0·0 | 8·0 |
| 2 | 59·8 | 57·8 | 58·7 | 32·0 | 19·5 | 27·8 | 30·8 | 27·4 | 38 | 44 | 71 | 10·6 | 14·6 | 19·3 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 21·5 |
| 3 | 58·4 | 58·4 | 56·0 | 30·5 | 17·0 | 25·9 | 29·4 | 24·2 | 50 | 57 | 88 | 12·4 | 17·3 | 19·8 | 0 | 0 | 0 | NE | 1 | Calm | 0 | Calm | 0 | 0·0 | 8·0 |
| 4 | 57·0 | 57·3 | 57·2 | 31 6 | 17·0 | 28·0 | 29·2 | 25·0 | 57 | 65 | 73 | 16·0 | 19·8 | 17·1 | 0 | 0 | 0 | NE | 1 | NE | 3 | N | 2 | 0·0 | 13·5 |
| 5 | 59·3 | 58·1 | 58·5 | 31·0 | 20·5 | 27·0 | 29·0 | 24·0 | 61 | 60 | 83 | 16·2 | 17·9 | 18·4 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 10·0 |
| 6 | 57·4 | 58·0 | 58·2 | 30·8 | 17·8 | 28·2 | 30·2 | 24·8 | 55 | 63 | 77 | 15·5 | 19·9 | 17·9 | 1 | 1 | 0 | NE | 1 | NE | 1 | N | 1 | 0·0 | 10·0 |
| 7 | 58·4 | 59·3 | 60·2 | 29·5 | 17·0 | 25·0 | 28·8 | 25·0 | 64 | 55 | 74 | 15·0 | 10·2 | 17·5 | 0 | 0 | 0 | NE | 1 | NE | 2 | NE | 1 | 0·0 | 9·0 |
| 8 | 57·7 | 57·3 | 56·9 | 31·6 | 15·5 | 24·5 | 31·2 | 25·5 | 45 | 56 | 85 | 10·1 | 18·9 | 20·5 | 0 | 0 | 0 | NE | 1 | NE | 1 | Calm | 0 | 0·0 | 8 5 |
| 9 | 57·2 | 55·5 | 56·1 | 33·5 | 18·6 | 30·0 | 29·6 | 28·0 | 62 | 63 | 65 | 19·5 | 19·5 | 18·2 | 0 | 0 | 0 | NE | 1 | NE | 1 | Calm | 0 | 0·0 | 11·0 |
| 10 | 58·2 | 56·1 | 56·3 | 32·0 | 22·5 | 30·5 | 31·2 | 25·0 | 41 | 51 | 77 | 13·4 | 17·3 | 18·2 | 0 | 0 | 0 | NE | 1 | Calm | 0 | N | 1 | 0·0 | 12·4 |
| 11 | 57·5 | 57·9 | 55·9 | 32·5 | 20·5 | 26·5 | 31·8 | 24·0 | 73 | 47 | 82 | 18·7 | 16·4 | 18·1 | 0 | 0 | 0 | NE | 1 | Calm | 0 | Calm | 0 | 0·0 | 14·0 |
| 12 | 56·3 | 56·0 | 55·3 | 31·6 | 15·8 | 28·2 | 31·4 | 24·2 | 50 | 47 | 87 | 14·1 | 16·1 | 19·4 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 10·0 |
| 13 | 56·8 | 55·4 | 55·0 | 32·7 | 19·5 | 28·5 | 31·2 | 27·5 | 41 | 42 | 80 | 11·8 | 14·4 | 22·0 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 10·0 |
| 14 | 57·9 | 57·5 | 55·5 | 31·6 | 24·5 | 31·0 | 30·2 | 27·2 | 62 | 66 | 65 | 20·9 | 21·1 | 17·2 | 0 | 0 | 0 | NE | 2 | Calm | 0 | Calm | 0 | 0·0 | 7·5 |
| 15 | 59·0 | 58·1 | 57·5 | 32·0 | 23·4 | 29·0 | 31·4 | 27·0 | 71 | 57 | 84 | 21·3 | 19·6 | 22·3 | 0 | 0 | 0 | NE | 2 | Calm | 0 | Calm | 0 | 0·0 | 7·5 |
| 16 | 57·9 | 56·5 | 56·2 | 32·0 | 23·0 | 30·0 | 31·0 | 27·0 | 54 | 54 | 84 | 16·9 | 18·3 | 22·3 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 10·5 |
| 17 | 57·8 | 56·5 | 56·5 | 33·0 | 23·5 | 29·5 | 32·4 | 27·4 | 64 | 55 | 68 | 19·8 | 19·8 | 18·5 | 0 | 0 | 0 | NE | 2 | Calm | 0 | Calm | 0 | 0·0 | 8·5 |
| 18 | 57·1 | 55·2 | 56·7 | 85·0 | 23·0 | 31·2 | 33·1 | 28·0 | 61 | 52 | 71 | 20·7 | 19·6 | 20·1 | 0 | 0 | 0 | Calm | 0 | NE | 1 | NE | 1 | 0·0 | 10·0 |
| 19 | 56·9 | 55·6 | 56·1 | 33·0 | 25·0 | 30·0 | 32·0 | 28·0 | 73 | 63 | 88 | 22·9 | 22·1 | 24·6 | 0 | 0 | 0 | Calm | 0 | NE | 1 | Calm | 0 | 0·0 | 7·5 |
| 20 | 55·7 | 54·5 | 55·6 | 33·0 | 24·0 | 30·0 | 32·0 | 28·5 | 75 | 79 | 95 | 23·6 | 27·9 | 27·3 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 10·0 |
| 21 | 54·9 | 54·1 | 54·7 | 33·0 | 23·0 | 29·5 | 31·5 | 28·0 | 76 | 81 | 90 | 23·2 | 27·8 | 25·5 | 0 | 0 | 0 | Calm | 0 | NE | 1 | Calm | 0 | 0·0 | 6·0 |
| 22 | 55·5 | 53·8 | 55·2 | 32·2 | 23·5 | 30·5 | 31·9 | 28·0 | 76 | 80 | 86 | 25·4 | 28·2 | 24·8 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 9·0 |
| 23 | 56·3 | 54·8 | 57·0 | 32·8 | 24·0 | 29·6 | 30·5 | 27·5 | 66 | 89 | 84 | 20·3 | 28·8 | 23· | 0 | 0 | 0 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 12·0 |
| 24 | 56·9 | 55·3 | 56·3 | 31·8 | 24·0 | 27·5 | 29·4 | 27·0 | 68 | 91 | 84 | 18·5 | 27·7 | 22·3 | 3 | 2 | 0 | NE | 4 | NE | 4 | NE | 4 | 0·0 | 14·5 |
| 25 | 56·5 | 55·5 | 56·1 | 31·5 | 23·4 | 27·6 | 30·0 | 26·0 | 83 | 74 | 84 | 22·8 | 23·4 | 20·9 | 2 | 0 | 0 | NE | 3 | NE | 3 | NE | 1 | Drops | 10·5 |
| 26 | 56·7 | 54·6 | 55·2 | 31·5 | 22·5 | 28·6 | 30·6 | 27·0 | 69 | 87 | 88 | 20·1 | 28·3 | 23·3 | 0 | 0 | 0 | NE | 2 | NE | 2 | NE | 1 | 0·0 | 7·0 |
| 27 | 56·9 | 55·3 | 56·5 | 32·0 | 20·0 | 29·2 | 31·5 | 26·0 | 40 | 78 | 69 | 12·1 | 20·8 | 17·2 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 6·0 |
| 28 | 57·5 | 55·0 | 57·0 | 34·5 | 19·0 | 29·5 | 31·0 | 28·0 | 35 | 45 | 70 | 10·7 | 15·2 | 19·7 | 0 | 0 | 0 | NE | 1 | NE | 1 | Calm | 0 | 0·0 | 8·0 |
| 29 | 56·9 | 54·6 | 55·2 | 32·0 | 22·2 | 28·6 | 30·5 | 29·4 | 58 | 65 | 68 | 16·7 | 21·2 | 20·8 | 0 | 0 | 0 | Calm | 0 | NE | 1 | Calm | 0 | 0·0 | 4·5 |
| 30 | 56·5 | 58·7 | 54·5 | 34·5 | 25·0 | 30·5 | 31·5 | 30·0 | 59 | 79 | 82 | 19·1 | 27·0 | 25·7 | 0 | 2 | 0 | NE | 1 | NE | 2 | NE | 1 | 0·0 | 9·5 |
| Month | 57·28 | 56·22 | 56·51 | 32·2 | 21·2 | 28·6 | 30·8 | 26·7 | 60 | 63 | 79 | 17·7 | 21·0 | 20·7 | 0·2 | 0·2 | 0·0 | — | 1·2 | — | 1·1 | — | 0·8 | Drops | 9.55 |

Remarks:—

# PORT SUDAN.

$\varphi = 19° 37'$ N. $\lambda = 37° 13'$ E. $H = 5·9$ m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h = + 0·5$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 54·1 | 53·5 | 54·4 | 34·0 | 25·5 | 29·5 | 30·5 | 29·5 | 68 | 75 | 74 | 21·2 | 24·3 | 22·8 | 0 | 1 | 0 | N | 1 | N | 1 | NE | 1 | 0·0 | 7·0 |
| 2 | 57·1 | 56·2 | 57·6 | 33·5 | 25·5 | 30·0 | 31·0 | 27·4 | 65 | 65 | 70 | 20·5 | 21·9 | 19·1 | 0 | 0 | 0 | N | 3 | NE | 1 | SW | 1 | 0·0 | 11·0 |
| 3 | 58·5 | 56·5 | 56·7 | 35·0 | 22·5 | 31·6 | 32·5 | 27·0 | 27 | 49 | 60 | 9·3 | 17·9 | 15·7 | 0 | 1 | 0 | NW | 2 | N | 1 | N | 1 | 0·0 | 14·5 |
| 4 | 58·3 | 55·1 | 55·3 | 35·2 | 21·5 | 30·5 | 33·2 | 28·0 | 62 | 63 | 86 | 20·1 | 23·5 | 24·2 | 0 | 0 | 0 | NE | 1 | NE | 2 | NE | 2 | 0·0 | 9·5 |
| 5 | 54·9 | 53·1 | 54·6 | 33·8 | 22·5 | 31·6 | 31·5 | 28·5 | 42 | 63 | 74 | 14·7 | 21·6 | 21·4 | 0 | 0 | 0 | NE | 3 | N | 2 | N | 2 | 0·0 | 6·5 |
| 6 | 55·8 | 52·4 | 54·7 | 32·0 | 21·5 | 30·0 | 31·0 | 28·5 | 75 | 74 | 88 | 23·6 | 24·9 | 25·6 | 0 | 0 | 2 | NE | 1 | NE | 1 | Calm | 0 | 0·0 | 5·0 |
| 7 | 56·3 | 54·2 | 54·7 | 33·0 | 27·0 | 30·0 | 31·5 | 28·5 | 62 | 72 | 85 | 19·7 | 24·8 | 24·5 | 0 | 0 | 0 | N | 1 | NE | 1 | NW | 1 | 0·0 | 8·0 |
| 8 | 55·7 | 53·3 | 54·6 | 34·0 | 26·0 | 32·0 | 33·0 | 29·0 | 54 | 62 | 81 | 19·2 | 23·2 | 24·2 | 1 | 2 | 1 | NE | 1 | NE | 3 | SW | 1 | 0·0 | 9·2 |
| 9 | 56·3 | 55·2 | 56·8 | 33·0 | 25·5 | 31·0 | 30·5 | 28·0 | 53 | 82 | 77 | 17·9 | 26·5 | 21·7 | 1 | 0 | 0 | N | 1 | NE | 4 | NE | 1 | 0·0 | 7·0 |
| 10 | 56·7 | 55·8 | 55·9 | 32·5 | 26·5 | 31·6 | 30·5 | 28·0 | 50 | 76 | 81 | 17·1 | 24·8 | 22·7 | 2 | 0 | 0 | N | 1 | NE | 4 | NE | 2 | 0·0 | 6·5 |
| 11 | 57·1 | 55·4 | 56·9 | 32·5 | 24·0 | 28·5 | 31·0 | 28·0 | 75 | 79 | 85 | 21·8 | 26·2 | 23·7 | 3 | 0 | 0 | N | 1 | NE | 3 | Calm | 0 | 0·0 | 7·0 |
| 12 | 57·7 | 56·5 | 57·0 | 32·0 | 25·5 | 31·2 | 31·0 | 28·0 | 65 | 75 | 85 | 22·2 | 25·1 | 23·7 | 2 | 0 | 0 | E | 1 | NE | 3 | Calm | 0 | 0·0 | 9·0 |
| 13 | 58·3 | 56·3 | 57·0 | 32·5 | 25·0 | 30·0 | 31·0 | 28·5 | 73 | 79 | 88 | 22·9 | 26·2 | 25·6 | 1 | 0 | 0 | SW | 1 | S | 3 | SW | 1 | 0·0 | 6·0 |
| 14 | 57·3 | 54·6 | 55·1 | 32·6 | 24·0 | 30·0 | 31·5 | 29·0 | 74 | 79 | 83 | 23·4 | 27·0 | 24·8 | 0 | 0 | 0 | NE | 1 | NE | 2 | Calm | 0 | 0·0 | 5·0 |
| 15 | 55·5 | 54·9 | 55·7 | 33·5 | 24·5 | 30·0 | 31·4 | 28·5 | 74 | 75 | 74 | 23·4 | 25·5 | 21·4 | 0 | 0 | 0 | N | 1 | Calm | 0 | Calm | 0 | 0·0 | 9·0 |
| 16 | 55·1 | 53·3 | 54·3 | 34·5 | 21·0 | 33·0 | 31·4 | 30·0 | 30 | 64 | 75 | 11·1 | 22·1 | 23·6 | 0 | 0 | 1 | SW | 1 | SE | 3 | Calm | 0 | 0·0 | 11·0 |
| 17 | 55·1 | 54·1 | 55·5 | 34·0 | 23·0 | 32·4 | 32·4 | 27·7 | 29 | 65 | 72 | 10·6 | 23·6 | 19·9 | 0 | 0 | 0 | NW | 1 | NE | 2 | N | 1 | 0·0 | 13·5 |
| 18 | 57·9 | 57·3 | 57·9 | 31·0 | 22·5 | 28·5 | 30·0 | 27·0 | 61 | 77 | 71 | 17·5 | 24·2 | 18·8 | 0 | 0 | 0 | NE | 1 | N | 3 | NE | 1 | 0·0 | 12·5 |
| 19 | 58·9 | 56·3 | 58·1 | 31·0 | 22·5 | 27·5 | 30·8 | 27·8 | 68 | 69 | 74 | 18·5 | 22·9 | 20·6 | 0 | 0 | 0 | N | 1 | NE | 2 | N | 2 | 0·0 | 11·5 |
| 20 | 57·8 | 56·5 | 56·8 | 32·4 | 23·0 | 30·0 | 31·2 | 27·2 | 40 | 72 | 77 | 12·6 | 24·3 | 20·6 | 1 | 0 | 0 | NE | 1 | N | 3 | Calm | 0 | 0·0 | 10.0 |
| 21 | 57·2 | 55·9 | 55·3 | 34·0 | 22·0 | 30·0 | 32·0 | 27·5 | 66 | 57 | 80 | 20·9 | 20·2 | 22·0 | 0 | 0 | 0 | NE | 1 | E | 3 | Calm | 0 | 0·0 | 10·0 |
| 22 | 55·9 | 54·4 | 54·3 | 36·0 | 21·5 | 31·6 | 34·0 | 29·5 | 56 | 52 | 67 | 19·5 | 20·4 | 20·8 | 0 | 0 | 0 | S | 1 | N | 1 | Calm | 0 | 0·0 | 15·0 |
| 23 | 54·1 | 52·9 | 53·3 | 37·0 | 22·0 | 34·5 | 33·6 | 30·0 | 30 | 42 | 65 | 12·3 | 16·2 | 20·5 | 0 | 0 | 0 | NE | 1 | E | 3 | Calm | 0 | 0·0 | 15·0 |
| 24 | 54·0 | 54·9 | 54·5 | 35·5 | 22·5 | 35·5 | 34·2 | 30·0 | 38 | 51 | 65 | 16·3 | 20·3 | 20·5 | 0 | 0 | 0 | NE | 1 | NE | 3 | Calm | 0 | 0·0 | 13·0 |
| 25 | 54·9 | 53·7 | 53·8 | 38·0 | 23·0 | 34·5 | 36·4 | 30·0 | 44 | 47 | 63 | 17·7 | 21·1 | 20·1 | 0 | 0 | 0 | NE | 1 | NE | 3 | N | 3 | 0·0 | 19·0 |
| 26 | 56·4 | 54·1 | 55·5 | 37·0 | 23·5 | 35·0 | 35·4 | 29·0 | 42 | 47 | 71 | 17·4 | 19·6 | 21·1 | 2 | 0 | 0 | NE | 5 | N | 5 | N | 3 | 0·0 | 18·8 |
| 27 | 56·2 | 55·8 | 56·1 | 33·5 | 23·0 | 32·6 | 33·2 | 28·0 | 42 | 46 | 65 | 15·3 | 17·3 | 18·2 | 0 | 0 | 0 | NE | 7 | NE | 2 | N | 1 | 0·0 | 15·0 |
| 28 | 56·5 | 54·8 | 54·2 | 34·0 | 24·5 | 31·8 | 32·4 | 27·5 | 49 | 45 | 61 | 17·0 | 16·2 | 16·6 | 0 | 0 | 0 | NE | 3 | N | 2 | N | 5 | 0·0 | 13·0 |
| 29 | 56·7 | 56·3 | 55·1 | 32·0 | 24·0 | 30·0 | 30·2 | 27·2 | 62 | 56 | 77 | 19·7 | 18·0 | 20·6 | 0 | 0 | 0 | NE | 5 | NE | 6 | N | 3 | 0·0 | 15·0 |
| 30 | 56·1 | 54·9 | 56·5 | 32·5 | 24·0 | 30·0 | 30·4 | 27·6 | 65 | 48 | 67 | 20·5 | 15·6 | 18·4 | 0 | 2 | 0 | N | 2 | NE | 2 | NE | 2 | 0·0 | 13·5 |
| 31 | 56·6 | 57·1 | 56·1 | 32·5 | 22·5 | 30·0 | 30·4 | 26·8 | 51 | 52 | 67 | 15·8 | 16·7 | 17·4 | 0 | 0 | 0 | N | 1 | N | 1 | Calm | 0 | 0·0 | 13·0 |
| Month | 56·42 | 55·01 | 55·62 | 33·7 | 23·6 | 31·1 | 31·9 | 28·3 | 55 | 63 | 74 | 18·1 | 22·0 | 21·3 | 0·4 | 0·2 | 0·1 | — | 1·7 | — | 2·4 | — | 1·1 | 0·0 | 10·94 |

**Remarks —**

$C_h = + 0·5$ mm.

## June 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56·4 | 55·9 | 55·7 | 34·0 | 21·5 | 31·0 | 33·4 | 27·0 | 42 | 48 | 69 | 14·1 | 18·3 | 18·4 | 0 | 0 | 0 | N | 2 | NE | 2 | N | 1 | 0·0 | 12·5 |
| 2 | 56·4 | 56·1 | 56·4 | 33·0 | 20·5 | 30·2 | 31·6 | 26·5 | 47 | 52 | 70 | 15·0 | 17·9 | 18·0 | 0 | 0 | 0 | N | 2 | NE | 4 | N | 1 | 0·0 | 12·0 |
| 3 | 56·4 | 57·5 | 55·7 | 32·0 | 20·0 | 30·0 | 31·4 | 27·4 | 65 | 46 | 66 | 20·5 | 15·7 | 17·8 | 0 | 0 | 0 | NE | 3 | N | 5 | Calm | 0 | 0·0 | 12·5 |
| 4 | 55·5 | 52·3 | 53·1 | 38·0 | 21·5 | 30·5 | 35·5 | 28·5 | 53 | 36 | 62 | 17·4 | 15·5 | 17·9 | 0 | 0 | 0 | NE | 2 | NE | 2 | NE | 1 | 0·0 | 10·0 |
| 5 | 54·1 | 52·2 | 53·7 | 34·5 | 23·5 | 30·8 | 32·0 | 28·2 | 39 | 49 | 66 | 12·8 | 17·2 | 18·6 | 0 | 0 | 0 | SE | 3 | NE | 4 | NE | 1 | 0·0 | 11·0 |
| 6 | 54·0 | 52·7 | 52·3 | 38·0 | 23·5 | 33·5 | 34·5 | 29·0 | 32 | 34 | 61 | 12·2 | 13·8 | 18·1 | 3 | 0 | 0 | W | 1 | NE | 4 | NE | 1 | 0·0 | 17·0 |
| 7 | 52·7 | 50·8 | 52·7 | 41·0 | 23·5 | 35·0 | 37·5 | 28·5 | 16 | 33 | 67 | 6·9 | 15·8 | 19·4 | 2 | 0 | 0 | NW | 1 | NE | 4 | NE | 1 | 0·0 | 12·0 |
| 8 | 53·0 | 52·2 | 53·3 | 41·5 | 24·0 | 33·5 | 37·0 | 30·0 | 33 | 28 | 47 | 12·0 | 13·2 | 14·7 | 0 | 0 | 0 | NE | 1 | NE | 5 | NE | 1 | 0·0 | 15·0 |
| 9 | 53·2 | 52·8 | 54·2 | 37·0 | 23·5 | 35·5 | 36·5 | 30·0 | 20 | 32 | 59 | 8·7 | 14·5 | 18·5 | 0 | 0 | 0 | NE | 2 | NE | 4 | NE | 1 | 0·0 | 18·0 |
| 10 | 53·8 | 53·1 | 54·0 | 35·5 | 23·5 | 33·5 | 33·8 | 33·5 | 42 | 41 | 47 | 16·3 | 16·1 | 18·3 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 8·5 |
| 11 | 54·3 | 52·9 | 54·0 | 36·5 | 23·5 | 35·5 | 33·5 | 33·0 | 33 | 45 | 39 | 13·9 | 17·3 | 14·7 | 0 | 0 | 0 | NE | 1 | NE | 4 | Calm | 0 | 0·0 | 12·0 |
| 12 | 53·7 | 52·1 | 53·2 | 38·0 | 20·5 | 33·8 | 33·5 | 33·0 | 36 | 47 | 50 | 14·2 | 18·3 | 18·6 | 0 | 0 | 0 | N | 1 | NE | 3 | NE | 1 | 0·0 | 15·0 |
| 13 | 54·7 | 53·2 | 55·3 | 36·5 | 22·5 | 32·8 | 31·5 | 32·0 | 41 | 54 | 54 | 15·2 | 18·5 | 19·2 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 12·0 |
| 14 | 56·1 | 54·9 | 56·0 | 34·5 | 22·5 | 30·0 | 33·5 | 32·0 | 75 | 53 | 49 | 23·6 | 20·3 | 17·2 | 0 | 0 | 0 | NE | 2 | NE | 4 | NE | 2 | 0·0 | 11·0 |
| 15 | 56·1 | 55·2 | 55·9 | 35·5 | 21·5 | 31·5 | 32·0 | 32·5 | 48 | 54 | 47 | 16·4 | 19·2 | 16·9 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 12·0 |
| 16 | 55·5 | 54·1 | 54·7 | 35·0 | 22·0 | 32·0 | 31·5 | 28·5 | 47 | 63 | 64 | 16·5 | 21·6 | 18·4 | 1 | 0 | 0 | NE | 1 | NE | 3 | NE | 2 | 0·0 | 12·0 |
| 17 | 55·7 | 53·8 | 54·2 | 36·0 | 23·5 | 32·0 | 33·5 | 29·0 | 42 | 56 | 61 | 15·0 | 21·4 | 18·1 | 0 | 0 | 0 | NE | 2 | NE | 4 | NE | 1 | 0·0 | 12·5 |
| 18 | 54·3 | 53·2 | 53·8 | 37·5 | 23·5 | 34·0 | 34·5 | 30·4 | 37 | 51 | 63 | 14·5 | 20·8 | 20·2 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 14·5 |
| 19 | 54·8 | 53·7 | 53·9 | 38·5 | 24·0 | 35·0 | 33·5 | 30·5 | 37 | 53 | 53 | 15·4 | 20·3 | 17·2 | 0 | 2 | 0 | NE | 1 | NE | 2 | NE | 1 | 0·0 | 10·0 |
| 20 | 54·0 | 53·2 | 53·8 | 40·0 | 24·0 | 35·5 | 34·0 | 30·0 | 40 | 56 | 59 | 17·0 | 22·1 | 18·5 | 1 | 0 | 0 | W | 1 | NE | 4 | NE | 1 | 0·0 | 12·0 |
| 21 | 53·6 | 53·4 | 53·5 | 39·2 | 24·5 | 33·8 | 33·0 | 30·5 | 53 | 58 | 62 | 21·0 | 21·7 | 20·1 | 0 | 0 | 0 | SE | 6 | NE | 3 | NE | 1 | 0·0 | 10·0 |
| 22 | 53·6 | 53·3 | 53·6 | 38·0 | 26·2 | 32·0 | 32·8 | 29·5 | 61 | 65 | 67 | 21·7 | 24·0 | 20·8 | 1 | 0 | 0 | NW | 1 | NE | 3 | NE | 1 | 0·0 | 11·5 |
| 23 | 54·0 | 53·0 | 54·1 | 42·0 | 26·0 | 35·0 | 33·5 | 29·5 | 42 | 65 | 85 | 17·4 | 25·2 | 26·0 | 0 | 0 | 0 | NW | 1 | NE | 4 | NE | 2 | 0·0 | 9·0 |
| 24 | 55·3 | 54·4 | 53·6 | 35·0 | 24·0 | 30·0 | 32·5 | 29·2 | 78 | 70 | 87 | 24·6 | 25·3 | 26·2 | 0 | 0 | 0 | SE | 1 | NE | 3 | NE | 1 | 0·0 | 5·5 |
| 25 | 54·7 | 53·0 | 54·4 | 37·5 | 23·5 | 30·0 | 33·5 | 30·0 | 75 | 59 | 65 | 23·6 | 22·5 | 20·5 | 0 | 0 | 0 | SE | 1 | SE | 2 | NE | 1 | 0·0 | 9·0 |
| 26 | 54·0 | 53·5 | 53·0 | 35·5 | 27·0 | 31·5 | 35·0 | 33·2 | 62 | 42 | 44 | 21·2 | 17·4 | 16·5 | 4 | 4 | 3 | E | 2 | NE | 3 | SE | 1 | 0·0 | 14·0 |
| 27 | 54·0 | 53·1 | 53·5 | 36·5 | 24·5 | 32·3 | 33·0 | 31·5 | 59 | 55 | 54 | 21·1 | 20·6 | 18·5 | 0 | 1 | 0 | E | 1 | NE | 2 | NE | 1 | 0·0 | 16·0 |
| 28 | 53·8 | 52·8 | 54·0 | 38·0 | 25·0 | 35·0 | 34·0 | 32·5 | 44 | 51 | 44 | 18·4 | 20·0 | 16·0 | 0 | 0 | 0 | SE | 1 | NE | 3 | N | 1 | 0·0 | 17·0 |
| 29 | 53·7 | 53·5 | 53·8 | 41·0 | 28·0 | 37·0 | 34·0 | 29·5 | 43 | 38 | 67 | 20·3 | 15·0 | 20·8 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 12·0 |
| 30 | 54·6 | 53·3 | 53·3 | 39·0 | 24·0 | 34·0 | 36·0 | 31·0 | 45 | 47 | 65 | 18·0 | 20·9 | 21·9 | 0 | 1 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 16·0 |
| Month | 54·53 | 53·51 | 54·09 | 37·1 | 23·5 | 32·9 | 33·7 | 30·2 | 46 | 49 | 60 | 16·8 | 19·0 | 18·9 | 0·4 | 0·3 | 0·1 | — | 1·5 | — | 3·3 | — | 1·0 | 0·0 | 12·38 |

**Remarks:—**

# PORT SUDAN.

$\varphi$ = 19° 37′ N. $\lambda$ = 37° 13′ E. H = 5·9 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m.

$C_h$ = + 0·5 mm. **July 1913.**

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 53·3 | 51·5 | 53·0 | 40·0 | 28·0 | 32·5 | 39·0 | 31·0 | 64 | 39 | 75 | 23·1 | 20·1 | 25·1 | 2 | 0 | 0 | N | 1 | N | 1 | NE | 1 | 0·0 | 14·0 |
| 2 | 53·7 | 52·6 | 53·4 | 41·0 | 26·0 | 36·5 | 38·5 | 31·0 | 35 | 36 | 62 | 16·0 | 18·3 | 20·9 | 0 | 2 | 0 | W | 1 | NE | 2 | NE | 1 | 0·0 | 15·5 |
| 3 | 53·9 | 52·2 | 52·5 | 42·5 | 25·0 | 38·0 | 36·0 | 31·5 | 38 | 50 | 69 | 18·6 | 22·0 | 23·7 | 1 | 0 | 0 | SE | 1 | NE | 4 | NE | 1 | 0·0 | 15·0 |
| 4 | 54·0 | 53·1 | 54·0 | 39·5 | 26·5 | 34·5 | 37·0 | 31·2 | 45 | 43 | 68 | 18·1 | 20·3 | 22·8 | 3 | 5 | 0 | SW | 1 | NE | 3 | NE | 1 | 0·0 | 17·0 |
| 5 | 55·0 | 54·2 | 54·0 | 36·5 | 28·0 | 32·5 | 35·0 | 31·0 | 59 | 51 | 62 | 21·4 | 21·5 | 20·9 | 2 | 0 | 0 | S | 1 | NE | 2 | NE | 1 | 0·0 | 16·5 |
| 6 | 54·3 | 52·8 | 53·5 | 35·5 | 25·0 | 33·0 | 34·0 | 31·5 | 48 | 45 | 55 | 18·2 | 18·0 | 18·9 | 0 | 2 | 0 | SE | 1 | NE | 2 | NE | 1 | 0·0 | 12·0 |
| 7 | 53·9 | 53·2 | 53·6 | 35·0 | 27·0 | 33·0 | 34·0 | 31·5 | 36 | 43 | 48 | 13·2 | 17·0 | 16·6 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 12·0 |
| 8 | 53·9 | 52·7 | 53·7 | 36·5 | 24·5 | 33·0 | 34·0 | 31·5 | 50 | 56 | 51 | 18·6 | 22·1 | 17·5 | 4 | 0 | 0 | E | 1 | NE | 2 | NE | 1 | 0·0 | 13·0 |
| 9 | 53·1 | 52·4 | 53·6 | 38·0 | 26·0 | 36·0 | 34·5 | 31·2 | 31 | 54 | 64 | 13·8 | 21·8 | 21·8 | 0 | 2 | 0 | N | 3 | NE | 2 | NE | 1 | 0·0 | 10·5 |
| 10 | 53·3 | 52·1 | 52·4 | 37·5 | 29·5 | 31·8 | 34·5 | 31·5 | 75 | 56 | 66 | 20·2 | 23·0 | 22·6 | 3 | 3 | 0 | E | 3 | E | 5 | N | 1 | 0·0 | 11·0 |
| 11 | 53·1 | 50·7 | 51·4 | 42·5 | 28·0 | 33·5 | 37·5 | 33·0 | 54 | 44 | 67 | 20·8 | 21·1 | 25·0 | 1 | 3 | 0 | W | 1 | SE | 3 | NW | 2 | 0·0 | 15·0 |
| 12 | 53·0 | 51·9 | 53·2 | 44·2 | 30·5 | 36·0 | 43·5 | 33·0 | 42 | 25 | 53 | 18·4 | 16·4 | 19·6 | 4 | 0 | 0 | W | 1 | NW | 3 | NE | 3 | 0·0 | 16·0 |
| 13 | 55·2 | 53·1 | 54·2 | 38·2 | 27·0 | 35·0 | 36·5 | 33·0 | 51 | 48 | 50 | 21·5 | 21·7 | 18·6 | 0 | 0 | 0 | NE | 4 | NE | 3 | NE | 1 | 0·0 | 14·5 |
| 14 | 54·2 | 51·5 | 52·1 | 44·5 | 29·0 | 35·0 | 42·8 | 32·4 | 51 | 34 | 64 | 21·5 | 21·3 | 23·2 | 0 | 0 | 0 | NE | 2 | E | 2 | NE | 1 | 0·0 | 15·0 |
| 15 | 52·4 | 50·2 | 52·2 | 41·0 | 29·5 | 34·2 | 37·0 | 33·4 | 58 | 51 | 56 | 23·4 | 23·6 | 21·5 | 0 | 0 | 0 | N | 1 | NE | 4 | NE | 1 | 0·0 | 14·0 |
| 16 | 52·0 | 50·8 | 51·1 | 37·0 | 29·0 | 34·5 | 35·0 | 31·5 | 56 | 62 | 76 | 23·0 | 26·1 | 25·9 | 0 | 0 | 0 | NE | 2 | NE | 2 | NE | 1 | 0·0 | 14·5 |
| 17 | 53·5 | 52·5 | 53·8 | 43·0 | 27·5 | 36·5 | 34·5 | 31·0 | 36 | 56 | 69 | 16·4 | 23·0 | 22·9 | 2 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 19·0 |
| 18 | 55·0 | 52·7 | 54·4 | 39·5 | 24·5 | 34·5 | 36·8 | 30·5 | 37 | 42 | 68 | 14·7 | 19·3 | 22·2 | 0 | 0 | 0 | SE | 1 | NE | 2 | NE | 1 | 0·0 | 19·0 |
| 19 | 54·0 | 51·8 | 53·3 | 40·2 | 25·5 | 36·5 | 34·8 | 30·5 | 32 | 58 | 71 | 14·5 | 23·9 | 23·0 | 0 | 0 | 0 | W | 1 | SE | 3 | NE | 1 | 0·0 | 13·0 |
| 20 | 52·4 | 50·8 | 52·8 | 38·0 | 23·5 | 33·0 | 35·6 | 29·8 | 47 | 57 | 69 | 17·6 | 24·5 | 21·6 | 0 | 0 | 0 | SE | 1 | NE | 3 | NE | 1 | 0·0 | 12·5 |
| 21 | 53·7 | 52·6 | 53·5 | 38·0 | 24·5 | 34·0 | 35·6 | 32·0 | 51 | 44 | 60 | 20·0 | 19·0 | 21·3 | 0 | 1 | 0 | NE | 2 | NE | 4 | NE | 1 | 0·0 | 19·5 |
| 22 | 53·9 | 52·2 | 54·1 | 43·5 | 29·0 | 37·5 | 42·5 | 34·0 | 31 | 34 | 59 | 14·6 | 21·5 | 23·3 | 0 | 5 | 0 | W | 2 | SW | 3 | SW | 1 | 2·0 | 19·5 |
| 23 | 53·1 | 51·1 | 52·1 | 42·5 | 30·0 | 37·5 | 37·0 | 33·5 | 38 | 48 | 62 | 18·3 | 22·5 | 23·6 | 1 | 4 | 4 | NW | 1 | NE | 3 | NE | 3 | 0·0 | 12·5 |
| 24 | 52·6 | 51·1 | 52·6 | 41·5 | 27·5 | 34·5 | 34·0 | 32·5 | 36 | 65 | 61 | 14·5 | 25·5 | 22·0 | 0 | 1 | 0 | NW | 1 | NE | 3 | NE | 1 | 0·0 | 8·0 |
| 25 | 54·0 | 52·1 | 54·4 | 41·5 | 29·0 | 32·5 | 34·0 | 32·3 | 49 | 70 | 54 | 17·7 | 27·9 | 19·4 | 0 | 3 | 4 | E | 1 | NE | 4 | SW | 3 | 0·0 | 9·0 |
| 26 | 55·8 | 53·9 | 53·9 | 42·0 | 29·5 | 34·5 | 35·0 | 33·2 | 38 | 54 | 52 | 15·3 | 22·6 | 19·7 | 1 | 3 | 1 | NW | 1 | NE | 3 | SW | 1 | 0·0 | 10·0 |
| 27 | 54·8 | 53·0 | 53·5 | 41·0 | 28·0 | 35·0 | 40·5 | 31·5 | 49 | 34 | 79 | 20·5 | 19·3 | 27·0 | 0 | 2 | 1 | W | 1 | S | 2 | SE | 2 | 0·0 | 20·0 |
| 28 | 53·0 | 50·7 | 53·0 | 43·5 | 27·5 | 34·5 | 37·5 | 31·5 | 51 | 49 | 66 | 20·8 | 23·3 | 22·6 | 0 | 1 | 0 | N | 1 | NE | 2 | NE | 3 | 0·0 | 12·0 |
| 29 | 54·3 | 52·9 | 54·3 | 35·0 | 27·5 | 32·5 | 33·5 | 30·5 | 56 | 64 | 78 | 20·1 | 24·7 | 25·4 | 1 | 1 | 0 | NE | 1 | NE | 2 | NE | 1 | 0·0 | 4·5 |
| 30 | 55·3 | 53·7 | 54·9 | 34·0 | 27·0 | 32·5 | 33·8 | 30·5 | 61 | 63 | 75 | 22·0 | 24·5 | 24·3 | 1 | 1 | 0 | NE | 2 | NE | 3 | NE | 1 | 0·0 | 7·0 |
| 31 | 55·4 | 53·1 | 54·8 | 34·5 | 27·0 | 32·0 | 33·4 | 31·0 | 66 | 61 | 65 | 23·4 | 23·2 | 21·9 | 0 | 0 | 0 | NE | 2 | NE | 3 | NE | 2 | 0·0 | 7·5 |
| Month | 53·81 | 52·23 | 53·33 | 39·6 | 27·3 | 34·4 | 36·4 | 31·7 | 47 | 50 | 64 | 18·9 | 21·9 | 22·1 | 0·8 | 1·3 | 0·3 | — | 1·4 | — | 2·8 | — | 1·4 | 2·0 | 13·50 |

**Remarks:—**

$C_h$ = + 0·5 mm. **August 1913.**

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 54·9 | 52·8 | 54·8 | 34·0 | 27·0 | 32·5 | 33·0 | 30·5 | 55 | 61 | 65 | 19·9 | 22·8 | 21·2 | 0 | 1 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 7·0 |
| 2 | 56·1 | 54·3 | 54·8 | 35·0 | 26·0 | 32·5 | 32·8 | 30·5 | 55 | 62 | 68 | 19·9 | 22·9 | 22·2 | 0 | 1 | 0 | NE | 1 | NE | 3 | NE | 2 | 0·0 | 7·6 |
| 3 | 54·8 | 53·2 | 54·5 | 37·0 | 25·0 | 34·0 | 34·0 | 30·5 | 33 | 51 | 65 | 13·2 | 20·0 | 21·2 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 2 | 0·0 | 13·5 |
| 4 | 53·9 | 52·8 | 54·4 | 40·0 | 27·5 | 36·0 | 35·0 | 31·0 | 42 | 62 | 75 | 18·8 | 20·1 | 25·1 | 0 | 2 | 0 | SW | 1 | NE | 4 | NE | 2 | 0·0 | 20·0 |
| 5 | 54·5 | 53·1 | 54·3 | 38·2 | 28·0 | 35·6 | 34·5 | 31·5 | 33 | 59 | 66 | 14·1 | 24·1 | 22·6 | 1 | 0 | 0 | NE | 1 | NE | 4 | NE | 2 | 0·0 | 11·5 |
| 6 | 55·6 | 53·8 | 54·3 | 36·1 | 27·0 | 32·6 | 33·5 | 30·5 | 70 | 56 | 65 | 25·7 | 21·4 | 21·2 | 0 | 0 | 0 | S | 1 | NE | 3 | NE | 1 | 0·0 | 10·0 |
| 7 | 54·6 | 53·4 | 54·1 | 30·4 | 26·8 | 34·5 | 34·2 | 30·5 | 25 | 40 | 65 | 10·2 | 15·9 | 21·2 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 9·5 |
| 8 | 54·1 | 50·7 | 52·9 | 42·1 | 26·8 | 32·2 | 40·5 | 31·0 | 62 | 27 | 69 | 22·0 | 15·1 | 22·9 | 0 | 1 | 0 | SE | 2 | NE | 3 | NE | 3 | 0·0 | 10·5 |
| 9 | 54·0 | 52·0 | 54·1 | 36·7 | 26·8 | 32·1 | 34·6 | 32·5 | 62 | 56 | 49 | 22·3 | 22·9 | 17·9 | 4 | 3 | 8 | E | 1 | NE | 3 | NE | 3 | 0·0 | 11·0 |
| 10 | 55·0 | 53·8 | 55·7 | 37·2 | 30·0 | 32·6 | 34·5 | 32·5 | 72 | 62 | 57 | 26·4 | 25·2 | 19·5 | 4 | 2 | 2 | N | 1 | NE | 2 | NE | 2 | 0·0 | 10·0 |
| 11 | 55·6 | 54·8 | 55·7 | 38·2 | 28·2 | 36·2 | 35·0 | 33·0 | 39 | 42 | 58 | 17·4 | 17·4 | 21·7 | 0 | 7 | 0 | SW | 1 | SW | 5 | NE | 1 | 0·0 | 21·0 |
| 12 | 54·7 | 52·9 | 53·6 | 41·3 | 28·2 | 36·7 | 35·0 | 31·5 | 41 | 62 | 72 | 18·8 | 20·1 | 24·8 | 0 | 0 | 0 | SE | 1 | NE | 3 | NE | 1 | 0·0 | 12·0 |
| 13 | 53·3 | 53·0 | 53·3 | 42·6 | 29·7 | 37·0 | 41·9 | 33·5 | 36 | 20 | 64 | 16·9 | 12·2 | 24·7 | 0 | 1 | 0 | NE | 3 | NW | 3 | NE | 1 | 0·0 | 14·5 |
| 14 | 53·8 | 52·1 | 53·6 | 42·0 | 30·4 | 37·1 | 36·6 | 33·0 | 32 | 45 | 47 | 14·7 | 20·5 | 17·6 | 0 | 0 | 0 | W | 3 | NE | 3 | Calm | 0 | 0·0 | 14·0 |
| 15 | 53·7 | 52·2 | 53·6 | 39·0 | 27·7 | 37·2 | 37·0 | 32·0 | 14 | 35 | 51 | 6·8 | 16·1 | 18·0 | 0 | 1 | 0 | E | 1 | NE | 2 | NE | 1 | 0·0 | 15·0 |
| 16 | 54·3 | 53·0 | 54·2 | 43·0 | 27·6 | 37·7 | 37·5 | 31·5 | 29 | 42 | 60 | 13·7 | 20·0 | 20·5 | 0 | 0 | 0 | W | 2 | NE | 3 | NE | 1 | 0·0 | 17·0 |
| 17 | 54·7 | 52·9 | 53·7 | 40·4 | 27·5 | 36·3 | 36·5 | 31·5 | 35 | 39 | 54 | 15·4 | 20·9 | 18·5 | 8 | 1 | 0 | SE | 1 | NE | 3 | NE | 1 | 0·0 | 13·0 |
| 18 | 54·5 | 52·6 | 54·3 | 38·0 | 29·4 | 35·1 | 35·6 | 32·0 | 56 | 53 | 67 | 23·7 | 23·4 | 23·8 | 0 | 0 | 1 | NE | 1 | NE | 2 | NE | 1 | 0·0 | 9·0 |
| 19 | 53·3 | 51·1 | 52·3 | 39·2 | 29·6 | 36·4 | 35·6 | 32·5 | 36 | 47 | 47 | 16·5 | 19·9 | 16·9 | 0 | 0 | 0 | S | 1 | SE | 2 | NE | 1 | 0·0 | 15·5 |
| 20 | 51·0 | 50·0 | 51·0 | 38·6 | 27·5 | 35·7 | 36·6 | 33·0 | 38 | 43 | 53 | 16·5 | 19·5 | 19·6 | 0 | 0 | 1 | NE | 1 | NE | 4 | Calm | 0 | 0·0 | 16·5 |
| 21 | 51·1 | 50·3 | 52·0 | 41·2 | 30·2 | 35·7 | 37·0 | 33·0 | 19 | 37 | 61 | 9·7 | 17·3 | 22·8 | 2 | 0 | 4 | NW | 6 | NE | 3 | Calm | 0 | 0·0 | 13·2 |
| 22 | 53·6 | 52·1 | 53·1 | 42·5 | 26·1 | 35·0 | 39·5 | 32·0 | 35 | 43 | 52 | 14·4 | 19·5 | 18·2 | 0 | 0 | 0 | E | 1 | NE | 3 | NE | 1 | 0·0 | 15·0 |
| 23 | 54·1 | 52·2 | 52·9 | 41·0 | 27·8 | 39·5 | 38·4 | 32·5 | 25 | 31 | 52 | 11·6 | 15·7 | 18·9 | 3 | 0 | 0 | W | 1 | NE | 3 | NE | 1 | 0·0 | 20·0 |
| 24 | 53·1 | 51·2 | 53·3 | 44·0 | 28·7 | 39·4 | 37·5 | 31·0 | 16 | 34 | 72 | 8·7 | 16·2 | 24·0 | 2 | 3 | 0 | W | 2 | NE | 3 | NE | 2 | 0·0 | 7·5 |
| 25 | 53·7 | 51·2 | 52·7 | 38·1 | 27·6 | 32·5 | 37·4 | 32·5 | 63 | 49 | 61 | 22·9 | 23·4 | 22·0 | 1 | 0 | 0 | NW | 1 | NE | 3 | NE | 1 | 0·0 | 9·0 |
| 26 | 54·8 | 53·2 | 54·7 | 40·4 | 28·0 | 35·7 | 35·5 | 32·5 | 43 | 52 | 61 | 18·5 | 22·3 | 22·0 | 1 | 0 | 0 | E | 1 | NE | 3 | NE | 1 | 0·0 | 9·0 |
| 27 | 55·5 | 52·7 | 54·9 | 39·6 | 30·1 | 35·1 | 35·0 | 31·4 | 38 | 51 | 70 | 15·7 | 21·5 | 23·8 | 0 | 0 | 0 | SE | 1 | NE | 4 | NE | 1 | 0·0 | 21·0 |
| 28 | 54·8 | 52·5 | 54·8 | 36·3 | 27·3 | 32·8 | 35·0 | 32·5 | 62 | 49 | 58 | 22·9 | 20·5 | 20·9 | 0 | 0 | 0 | NE | 2 | NE | 3 | NE | 1 | 0·0 | 19·5 |
| 29 | 55·4 | 53·5 | 54·9 | 36·5 | 29·2 | 33·0 | 35·5 | 31·5 | 61 | 42 | 63 | 22·8 | 17·9 | 21·6 | 7 | 0 | 0 | N | 3 | NE | 3 | NE | 2 | 0·0 | 11·0 |
| 30 | 56·0 | 52·9 | 54·6 | 36·6 | 28·3 | 34·5 | 35·5 | 32·0 | 50 | 47 | 57 | 20·1 | 20·1 | 20·2 | 0 | 0 | 0 | SE | 2 | NE | 3 | NE | 2 | 0·0 | 15·0 |
| 31 | 55·4 | 53·9 | 55·0 | 37·5 | 28·7 | 34·7 | 35·0 | 31·5 | 32 | 49 | 57 | 13·1 | 20·5 | 19·5 | 1 | 0 | 0 | SE | 2 | NE | 3 | NE | 2 | 0·0 | 21·0 |
| Month | 54·31 | 52·59 | 53·94 | 39·0 | 28·1 | 35·1 | 36·0 | 31·8 | 42 | 47 | 61 | 17·2 | 20·2 | 21·1 | 1·1 | 0·7 | 0·5 | — | 1·5 | — | 3·1 | — | 1·3 | 0·0 | 13·53 |

**Remarks:—**

# PORT SUDAN.

$\varphi$ = 19° 37′ N. $\lambda$ = 37° 13′ E. H = 5·9 m. $h_t$ = 1·6 m. $h_p$ = 1·1 m.

$C_h$ = + 0·5 mm. **September 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 54·2 | 53·4 | 54·2 | 38·0 | 27·0 | 34·8 | 34·2 | 31·5 | 30 | 53 | 69 | 12·6 | 21·0 | 23·7 | 8 | 3 | 3 | NW | 4 | NE | 3 | NE | 2 | 0·0 | 11·5 |
| 2 | 55·1 | 53·4 | 53·4 | 35·4 | 28·4 | 33·0 | 34·2 | 31·5 | 63 | 58 | 76 | 23·6 | 23·4 | 25·9 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 2 | 0·0 | 17·0 |
| 3 | 54·1 | 52·9 | 54·1 | 35·4 | 28·3 | 34·2 | 35·0 | 31·4 | 45 | 48 | 70 | 17·9 | 20·2 | 23·8 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 21·0 |
| 4 | 54·6 | 53·1 | 54·0 | 38·4 | 26·1 | 33·5 | 36·0 | 30·6 | 47 | 41 | 68 | 18·3 | 17·8 | 22·1 | 6 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 13·2 |
| 5 | 54·6 | 52·2 | 54·9 | 42·5 | 25·6 | 37·0 | 35·5 | 31·0 | 31 | 52 | 75 | 14·4 | 22·3 | 25·1 | 0 | 0 | 0 | SW | 4 | NE | 3 | NE | 1 | 0·0 | 14·2 |
| 6 | 55·8 | 53·6 | 55·3 | 36·0 | 26·3 | 33·1 | 34·5 | 29·5 | 64 | 62 | 78 | 23·8 | 25·2 | 23·9 | 6 | 1 | 0 | E | 1 | NE | 2 | NE | 1 | 0·0 | 17·0 |
| 7 | 55·2 | 53·5 | 55·2 | 36·0 | 26·5 | 34·0 | 33·5 | 30·5 | 39 | 70 | 78 | 15·2 | 27·0 | 25·4 | 4 | 0 | 0 | NE | 1 | NE | 3 | NE | 2 | 0·0 | 17·7 |
| 8 | 55·5 | 53·7 | 53·7 | 38·0 | 27·0 | 34·0 | 34·5 | 31·0 | 59 | 54 | 69 | 23·0 | 21·8 | 22·9 | 0 | 0 | 0 | W | 1 | NE | 3 | NE | 2 | 0·0 | 13·3 |
| 9 | 54·9 | 52·8 | 53·8 | 42·0 | 26·1 | 35·4 | 35·6 | 30·6 | 41 | 49 | 71 | 17·3 | 21·2 | 23·2 | 0 | 0 | 0 | W | 1 | NE | 3 | NE | 1 | 0·0 | 13·7 |
| 10 | 54·7 | 52·9 | 53·7 | 38·0 | 25·1 | 34·8 | 36·5 | 30·0 | 42 | 39 | 75 | 17·5 | 17·6 | 23·6 | 0 | 0 | 0 | SW | 2 | NE | 4 | NE | 2 | 0·0 | 13·0 |
| 11 | 54·5 | 53·4 | 54·1 | 36·0 | 25·5 | 32·5 | 33·6 | 30·0 | 61 | 61 | 80 | 22·0 | 23·7 | 25·1 | 0 | 0 | 0 | E | 1 | NE | 3 | NE | 2 | 0·0 | 11·5 |
| 12 | 55·2 | 53·2 | 54·6 | 35·5 | 26·0 | 32·0 | 34·0 | 29·5 | 62 | 68 | 74 | 21·9 | 26·7 | 22·8 | 0 | 0 | 0 | W | 1 | NE | 3 | NE | 2 | 0·0 | 11·0 |
| 13 | 55·7 | 53·4 | 54·9 | 39·0 | 26·0 | 33·4 | 34·7 | 30·0 | 51 | 50 | 78 | 19·6 | 20·6 | 24·6 | 0 | 0 | 0 | NE | 1 | NE | 6 | NE | 2 | 0·0 | 15·5 |
| 14 | 55·9 | 54·4 | 55·2 | 36·0 | 25·0 | 32·3 | 35·0 | 30·5 | 62 | 50 | 75 | 22·3 | 21·1 | 24·3 | 1 | 0 | 0 | SE | 3 | NE | 3 | NE | 1 | 0·0 | 11·0 |
| 15 | 56·1 | 54·0 | 54·5 | 39·6 | 24·7 | 34·7 | 35·6 | 28·8 | 41 | 44 | 72 | 16·6 | 19·0 | 21·2 | 0 | 0 | 0 | N | 2 | NE | 3 | NE | 2 | 0·0 | 12·2 |
| 16 | 55·1 | 52·9 | 53·5 | 37·6 | 23·5 | 33·5 | 35·5 | 29·6 | 42 | 42 | 84 | 16·3 | 18·1 | 26·0 | 0 | 0 | 0 | NE | 1 | NE | 3 | NE | 1 | 0·0 | 12·0 |
| 17 | 53·1 | 49·6 | 53·1 | 40·0 | 23·0 | 34·5 | 35·0 | 30·2 | 32 | 65 | 80 | 13·1 | 27·3 | 25·4 | 0 | 8 | 0 | SW | 1 | NE | 2 | NE | 1 | 0·0 | 7·5 |
| 18 | 53·6 | 52·7 | 53·9 | 36·2 | 23·0 | 32·6 | 35·0 | 31·0 | 74 | 65 | 82 | 27·1 | 27·3 | 27·4 | 0 | 3 | 2 | SW | 3 | NE | 3 | NE | 1 | 0·0 | 9·0 |
| 19 | 56·2 | 55·1 | 55·8 | 37·4 | 26·7 | 32·7 | 34·5 | 31·5 | 79 | 62 | 72 | 28·9 | 25·2 | 24·8 | 1 | 0 | 0 | E | 2 | NE | 3 | NE | 1 | 0·0 | 7·0 |
| 20 | 57·5 | 56·3 | 57·0 | 35·2 | 27·2 | 33·2 | 34·0 | 30·5 | 46 | 57 | 70 | 17·5 | 22·4 | 22·6 | 0 | 0 | 0 | E | 2 | E | 4 | W | 1 | 0·0 | 6·5 |
| 21 | 58·0 | 55·3 | 56·5 | 35·5 | 25·2 | 31·0 | 34·2 | 30·2 | 75 | 46 | 70 | 25·0 | 18·3 | 22·4 | 1 | 0 | 0 | E | 1 | E | 4 | E | 1 | 0·0 | 7·5 |
| 22 | 55·9 | 54·6 | 55·2 | 39·5 | 26·0 | 33·0 | 36·7 | 30·4 | 54 | 26 | 62 | 20·0 | 11·9 | 19·8 | 1 | 0 | 0 | SW | 2 | NE | 4 | W | 1 | 0·0 | 10·3 |
| 23 | 56·3 | 55·4 | 55·5 | 37·7 | 25·5 | 31·2 | 33·0 | 30·2 | 68 | 53 | 77 | 22·8 | 19·6 | 24·5 | 3 | 0 | 0 | NE | 3 | NE | 4 | Calm | 0 | 0·0 | 7·2 |
| 24 | 57·8 | 56·1 | 56·3 | 34·0 | 25·5 | 32·0 | 32·5 | 30·5 | 66 | 64 | 80 | 23·4 | 23·5 | 26·1 | 1 | 0 | 0 | SE | 1 | E | 4 | E | 1 | 0·0 | 5·6 |
| 25 | 58·2 | 55·9 | 56·8 | 34·5 | 27·0 | 30·7 | 33·0 | 30·0 | 69 | 58 | 69 | 22·7 | 21·7 | 21·9 | 6 | 0 | 0 | NE | 1 | E | 5 | NW | 2 | 0·0 | 7·0 |
| 26 | 56·6 | 54·4 | 55·6 | 37·0 | 25·0 | 33·0 | 34·5 | 30·2 | 37 | 47 | 73 | 13·6 | 19·1 | 23·4 | 1 | 0 | 0 | NE | 2 | E | 5 | W | 1 | 0·0 | 11·7 |
| 27 | 56·6 | 55·9 | 56·7 | 36·0 | 26·5 | 33·1 | 33·0 | 29·5 | 40 | 56 | 70 | 15·0 | 21·1 | 21·8 | 0 | 0 | 0 | NE | 4 | NE | 5 | NE | 1 | 0·0 | 8·0 |
| 28 | 58·7 | 56·3 | 57·4 | 33·7 | 26·7 | 31·4 | 32·2 | 29·8 | 64 | 63 | 73 | 22·1 | 22·4 | 22·6 | 2 | 0 | 0 | W | 2 | E | 5 | NW | 3 | 0·0 | 8·0 |
| 29 | 58·5 | 55·5 | 55·8 | 34·2 | 27·0 | 30·2 | 32·5 | 29·4 | 65 | 58 | 70 | 20·7 | 20·9 | 21·4 | 0 | 0 | 0 | E | 2 | E | 6 | NE | 1 | 0·0 | 6·0 |
| 30 | 56·9 | 54·4 | 54·9 | 33·5 | 26·7 | 31·0 | 31·7 | 29·0 | 60 | 68 | 68 | 20·0 | 23·8 | 20·3 | 0 | 0 | 0 | NE | 1 | NE | 5 | NE | 2 | 0·0 | 14·0 |
| Month | 55·84 | 54·01 | 54·99 | 36·9 | 25·9 | 33·1 | 34·3 | 30·3 | 54 | 54 | 74 | 19·8 | 21·7 | 23·6 | 1·4 | 0·5 | 0·2 | — | 1·8 | — | 3·7 | — | 1·4 | 0·0 | 11·34 |

**Remarks :—**

$C_h$ = + 0·5 mm. **October 1913.**

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56·5 | 54·5 | 55·2 | 34·5 | 26·0 | 31·3 | 31·7 | 29·0 | 59 | 68 | 79 | 20·1 | 23·6 | 23·6 | 0 | 0 | 0 | N | 2 | NE | 5 | N | 2 | 0·0 | 12·0 |
| 2 | 57·9 | 56·3 | 57·7 | 34·0 | 26·0 | 30·5 | 31·7 | 29·4 | 65 | 65 | 76 | 21·2 | 22·5 | 23·1 | 0 | 0 | 0 | N | 1 | NE | 5 | NE | 1 | 0·0 | 12·5 |
| 3 | 58·7 | 56·9 | 57·7 | 33·5 | 25·0 | 31·0 | 32·4 | 29·0 | 58 | 53 | 78 | 19·6 | 20·0 | 23·1 | 0 | 0 | 0 | NE | 1 | NE | 5 | NE | 2 | 0·0 | 7·0 |
| 4 | 58·5 | 56·6 | 57·7 | 34·5 | 25·8 | 30·0 | 33·0 | 29·5 | 69 | 58 | 84 | 21·9 | 21·7 | 25·8 | 0 | 0 | 0 | NE | 1 | NE | 5 | NE | 2 | 0·0 | 7·7 |
| 5 | 58·5 | 55·9 | 56·7 | 34·0 | 25·2 | 30·0 | 32·1 | 29·5 | 71 | 60 | 72 | 22·5 | 21·2 | 22·2 | 0 | 0 | 0 | NE | 1 | NE | 4 | NE | 1 | 0·0 | 6·0 |
| 6 | 57·9 | 55·9 | 56·1 | 34·1 | 25·5 | 31·1 | 32·3 | 29·1 | 68 | 59 | 70 | 22·9 | 21·1 | 21·0 | 2 | 0 | 0 | E | 1 | NE | 4 | NE | 2 | 0·0 | 8·0 |
| 7 | 57·9 | 55·6 | 57·3 | 34·7 | 25·2 | 30·7 | 31·7 | 29·2 | 67 | 66 | 76 | 22·1 | 22·9 | 23·0 | 1 | 0 | 0 | NE | 1 | E | 3 | W | 1 | 0·0 | 7·0 |
| 8 | 58·2 | 56·1 | 57·2 | 34·7 | 24·5 | 31·7 | 32·5 | 30·2 | 66 | 67 | 75 | 22·9 | 24·2 | 23·9 | 1 | 3 | 0 | E | 1 | NE | 4 | Calm | 0 | 0·0 | 4·7 |
| 9 | 58·7 | 56·0 | 57·1 | 34·5 | 24·5 | 32·5 | 32·6 | 29·6 | 62 | 59 | 77 | 22·4 | 21·7 | 23·8 | 3 | 0 | 0 | E | 1 | NE | 4 | NE | 1 | 0·0 | 5·2 |
| 10 | 57·8 | 56·1 | 57·8 | 35·0 | 24·4 | 32·0 | 32·5 | 29·9 | 63 | 62 | 72 | 22·3 | 22·2 | 22·6 | 2 | 0 | 0 | SE | 2 | E | 4 | Calm | 0 | 0·0 | 5·0 |
| 11 | 58·6 | 56·7 | 58·2 | 34·5 | 27·5 | 31·0 | 33·2 | 29·0 | 63 | 57 | 67 | 21·3 | 21·6 | 19·9 | 1 | 0 | 0 | E | 2 | SE | 4 | W | 1 | 0·0 | 6·5 |
| 12 | 58·9 | 56·6 | 57·7 | 34·0 | 24·0 | 31·0 | 32·5 | 29·2 | 63 | 64 | 66 | 21·1 | 23·1 | 20·0 | 1 | 0 | 0 | SW | 1 | E | 4 | Calm | 0 | 0·0 | 6·2 |
| 13 | 59·1 | 57·1 | 58·6 | 34·0 | 23·5 | 31·5 | 32·5 | 29·6 | 63 | 67 | 58 | 21·6 | 24·2 | 17·8 | 3 | 0 | 0 | E | 2 | NE | 3 | NE | 1 | 0·0 | 6·5 |
| 14 | 58·7 | 56·3 | 58·4 | 33·8 | 23·0 | 31·5 | 32·3 | 28·5 | 47 | 68 | 74 | 16·0 | 24·3 | 21·4 | 0 | 0 | 0 | W | 2 | SE | 3 | NE | 1 | 0·0 | 8·7 |
| 15 | 59·0 | 57·1 | 58·7 | 36·0 | 22·7 | 32·0 | 31·7 | 29·5 | 63 | 66 | 74 | 22·3 | 22·7 | 22·8 | 1 | 0 | 0 | E | 1 | NE | 4 | NE | 1 | 0·0 | 5·5 |
| 16 | 60·8 | 57·2 | 58·8 | 33·0 | 25·5 | 30·4 | 32·6 | 28·6 | 66 | 54 | 80 | 21·2 | 19·9 | 23·4 | 3 | 0 | 0 | NE | 3 | NE | 3 | NE | 2 | 0·0 | 6·2 |
| 17 | 60·0 | 57·5 | 58·5 | 33·6 | 24·9 | 29·5 | 32·3 | 28·5 | 67 | 62 | 74 | 20·8 | 22·1 | 21·4 | 8 | 0 | 0 | SW | 2 | NE | 3 | NE | 2 | 0·0 | 5·0 |
| 18 | 59·6 | 56·9 | 58·7 | 33·4 | 24·5 | 30·0 | 31·5 | 28·5 | 70 | 69 | 81 | 22·3 | 23·7 | 23·4 | 0 | 0 | 0 | N | 1 | NE | 3 | NE | 1 | 0·0 | 6·0 |
| 19 | 59·3 | 57·7 | 58·5 | 33·0 | 24·0 | 30·7 | 31·2 | 28·5 | 70 | 70 | 74 | 23·1 | 23·5 | 21·4 | 3 | 0 | 0 | SE | 1 | SE | 3 | NE | 2 | 0·0 | 6·2 |
| 20 | 59·8 | 56·7 | 58·7 | 34·0 | 24·5 | 30·2 | 32·0 | 28·5 | 65 | 59 | 77 | 20·7 | 20·8 | 22·4 | 0 | 0 | 1 | NE | 1 | NE | 3 | NE | 3 | 0·0 | 7·5 |
| 21 | 59·9 | 57·4 | 59·2 | 34·0 | 25·3 | 29·7 | 31·5 | 29·5 | 71 | 72 | 74 | 22·1 | 24·8 | 22·8 | 0 | 0 | 0 | NE | 3 | NE | 3 | NE | 1 | 0·0 | 6·7 |
| 22 | 60·0 | 59·7 | 59·6 | 34·3 | 26·5 | 31·2 | 30·6 | 29·6 | 71 | 68 | 75 | 23·9 | 22·1 | 23·0 | 1 | 0 | 0 | NE | 2 | NE | 1 | NE | 1 | 0·0 | 8·7 |
| 23 | 60·6 | 58·2 | 59·3 | 33·7 | 26·0 | 30·5 | 32·0 | 29·2 | 75 | 72 | 68 | 24·3 | 25·6 | 20·5 | 3 | 0 | 0 | NE | 2 | NE | 5 | NE | 1 | 0·0 | 6·7 |
| 24 | 59·9 | 58·2 | 59·7 | 32·7 | 26·0 | 29·8 | 31·2 | 29·0 | 66 | 58 | 67 | 20·6 | 19·7 | 20·1 | 0 | 1 | 0 | NE | 3 | NE | 5 | N | 1 | 0·0 | 7·3 |
| 25 | 60·0 | 57·8 | 59·7 | 33·4 | 26·0 | 29·5 | 31·9 | 29·2 | 61 | 53 | 76 | 18·8 | 18·5 | 22·8 | 6 | 0 | 0 | NE | 3 | NE | 4 | N | 1 | 0·0 | 6·7 |
| 26 | 59·7 | 57·5 | 59·1 | 34·4 | 26·0 | 30·5 | 32·0 | 30·5 | 70 | 52 | 60 | 22·8 | 18·2 | 19·5 | 8 | 0 | 0 | NE | 2 | NE | 4 | NE | 1 | 0·0 | 7·7 |
| 27 | 59·9 | 57·4 | 58·7 | 33·7 | 26·0 | 31·5 | 32·5 | 30·0 | 58 | 55 | 65 | 19·9 | 19·9 | 20·5 | 1 | 0 | 1 | SE | 2 | SE | 4 | Calm | 0 | 0·0 | 7·7 |
| 28 | 59·1 | 56·8 | 58·3 | 33·5 | 26·2 | 32·0 | 32·0 | 29·0 | 54 | 58 | 67 | 19·8 | 20·4 | 20·1 | 3 | 0 | 0 | SE | 3 | E | 4 | N | 1 | 0·0 | 6·5 |
| 29 | 59·0 | 57·3 | 58·7 | 33·5 | 25·4 | 31·0 | 31·9 | 29·4 | 62 | 59 | 65 | 20·9 | 20·7 | 19·8 | 1 | 0 | 0 | NE | 1 | E | 4 | Calm | 0 | 0·0 | 7·0 |
| 30 | 59·4 | 57·2 | 58·3 | 33·8 | 25·7 | 29·9 | 32·0 | 29·5 | 62 | 53 | 65 | 19·5 | 18·6 | 20·2 | 3 | 0 | 0 | NE | 3 | SE | 5 | N | 1 | 0·0 | 7·0 |
| 31 | 58·5 | 57·5 | 58·4 | 33·0 | 25·5 | 28·7 | 32·0 | 29·4 | 71 | 52 | 65 | 20·9 | 18·2 | 19·8 | 3 | 0 | 0 | NE | 2 | NE | 4 | Calm | 0 | 0·0 | 8·0 |
| Month | 59·05 | 56·93 | 58·20 | 33·9 | 25·2 | 30·7 | 32·1 | 29·3 | 65 | 62 | 72 | 21·3 | 21·7 | 21·8 | 1·9 | 0·1 | 0·1 | — | 1·7 | — | 3·8 | — | 1·1 | 0·0 | 6·98 |

**Remarks :—**

# PORT SUDAN.

$\varphi = 19° 37' N.$ $\lambda = 37° 13' E.$ $H = 5·9$ m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h = + 0·5$ mm. **November 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·0 | 57·1 | 58·6 | 33·4 | 25·5 | 29·7 | 32·0 | 29·0 | 66 | 50 | 69 | 20·6 | 17·4 | 20·5 | 3 | 0 | 0 | NE | 2 | SE | 3 | Calm | 0 | 0·0 | 11·0 |
| 2 | 59·3 | 58·1 | 59·3 | 33·0 | 25·0 | 29·8 | 31·8 | 29·0 | 66 | 55 | 69 | 20·8 | 19·3 | 20·5 | 1 | 0 | 0 | N | 2 | NE | 4 | Calm | 0 | 0·0 | 7·2 |
| 3 | 54·5 | 57·7 | 59·0 | 32·5 | 24·0 | 29·5 | 31·2 | 29·0 | 67 | 66 | 76 | 20·8 | 22·4 | 22·7 | 5 | 0 | 1 | NW | 1 | E | 4 | N | 1 | 0·0 | 10·0 |
| 4 | 59·6 | 57·9 | 58·8 | 33·0 | 24·5 | 29·5 | 31·4 | 29·0 | 70 | 64 | 76 | 21·6 | 22·1 | 22·7 | 5 | 0 | 0 | NW | 1 | NE | 4 | Calm | 0 | 0·0 | 6·5 |
| 5 | 58·3 | 55·7 | 57·7 | 33·0 | 23·5 | 29·6 | 31·4 | 29·0 | 71 | 70 | 78 | 21·9 | 23·8 | 23·3 | 4 | 0 | 0 | W | 1 | E | 5 | SE | 1 | 0·0 | 12·5 |
| 6 | 59·3 | 58·3 | 59·9 | 31·5 | 25·0 | 28·0 | 29·9 | 28·0 | 73 | 71 | 78 | 20·7 | 22·4 | 21·9 | 5 | 2 | 0 | NE | 5 | NE | 6 | N | 4 | 0·0 | 12·0 |
| 7 | 60·3 | 58·7 | 59·8 | 31·0 | 24·5 | 27·6 | 28·8 | 26·0 | 61 | 69 | 62 | 16·6 | 20·4 | 15·4 | 3 | 5 | 1 | N | 4 | N | 6 | N | 5 | 1·6 | 8·0 |
| 8 | 60·7 | 59·1 | 60·7 | 30·0 | 24·0 | 27·0 | 29·5 | 26·1 | 80 | 78 | 66 | 21·3 | 23·9 | 16·4 | 5 | 5 | 0 | NE | 3 | NE | 5 | N | 2 | 0·0 | 14·0 |
| 9 | 60·8 | 59·9 | 60·5 | 30·5 | 23·0 | 27·5 | 28·8 | 27·3 | 60 | 61 | 71 | 16·3 | 17·7 | 19·2 | 3 | 6 | 3 | N | 3 | NE | 5 | N | 1 | 0·0 | 9·0 |
| 10 | 60·2 | 57·9 | 59·3 | 31·5 | 24·0 | 27·5 | 30·5 | 28·4 | 64 | 58 | 70 | 17·4 | 18·8 | 20·3 | 6 | 2 | 7 | N | 2 | N | 4 | N | 1 | 0·0 | 8·0 |
| 11 | 59·7 | 58·0 | 59·5 | 30·9 | 25·0 | 27·4 | 29·4 | 28·1 | 63 | 64 | 65 | 17·1 | 19·4 | 18·3 | 2 | 6 | 8 | NE | 4 | NE | 5 | N | 3 | 0·0 | 11·5 |
| 12 | 59·7 | 57·8 | 59·0 | 30·0 | 24·5 | 27·4 | 29·2 | 28·0 | 65 | 64 | 72 | 17·6 | 19·4 | 20·3 | 5 | 3 | 4 | NW | 5 | NE | 6 | NW | 2 | 5·8 | 9·0 |
| 13 | 59·6 | 58·5 | 60·1 | 28·2 | 22·5 | 24·5 | 27·8 | 25·5 | 89 | 67 | 76 | 20·3 | 18·5 | 18·4 | 5 | 6 | 1 | NE | 4 | NE | 5 | NE | 2 | 0·0 | 10·0 |
| 14 | 61·1 | 58·1 | 60·6 | 30·0 | 22·5 | 26·0 | 28·0 | 26·3 | 66 | 70 | 82 | 16·3 | 19·7 | 20·8 | 3 | 2 | 0 | N | 5 | NE | 4 | N | 1 | 0·0 | 8·5 |
| 15 | 61·0 | 59·2 | 60·1 | 31·0 | 23·0 | 27·0 | 29·7 | 27·6 | 67 | 66 | 73 | 17·7 | 20·6 | 20·0 | 1 | 1 | 0 | NE | 2 | NE | 3 | NE | 1 | 0·0 | 7·0 |
| 16 | 60·3 | 58·3 | 59·5 | 33·0 | 23·0 | 28·2 | 30·0 | 28·7 | 64 | 65 | 65 | 18·1 | 20·5 | 19·1 | 2 | 2 | 0 | NE | 1 | SE | 2 | Calm | 0 | 0·0 | 6·5 |
| 17 | 60·5 | 59·0 | 60·1 | 32·5 | 24·5 | 29·0 | 31·2 | 28·5 | 55 | 61 | 70 | 16·4 | 20·7 | 20·4 | 2 | 0 | 5 | NE | 1 | NE | 2 | Calm | 0 | 0·0 | 6·0 |
| 18 | 60·7 | 58·9 | 60·0 | 32·0 | 25·0 | 28·4 | 30·5 | 28·0 | 71 | 59 | 67 | 20·4 | 19·3 | 18·9 | 2 | 2 | 0 | N | 1 | NE | 2 | Calm | 0 | 0·0 | 8·5 |
| 19 | 58·3 | 58·4 | 59·4 | 32·0 | 24·5 | 29·6 | 30·4 | 28·2 | 64 | 63 | 70 | 19·9 | 20·2 | 19·8 | 2 | 2 | 0 | NE | 4 | NE | 2 | Calm | 0 | 0·0 | 14·5 |
| 20 | 60·5 | 58·8 | 60·4 | 32·0 | 24·5 | 28·2 | 30·5 | 28·0 | 72 | 69 | 77 | 20·6 | 22·4 | 21·7 | 2 | 1 | 1 | N | 1 | SE | 3 | Calm | 0 | 0·0 | 6·5 |
| 21 | 60·1 | 59·4 | 60·5 | 32·0 | 22·0 | 26·6 | 30·8 | 27·7 | 77 | 54 | 75 | 19·8 | 18·0 | 20·7 | 2 | 5 | 1 | NE | 2 | N | 2 | Calm | 0 | 0·5 | 6·5 |
| 22 | 55·1 | 58·1 | 59·3 | 31·5 | 23·0 | 27·5 | 31·4 | 27·5 | 75 | 55 | 77 | 20·4 | 18·8 | 21·0 | 5 | 0 | 1 | NE | 3 | N | 1 | Calm | 0 | Drops | 5·5 |
| 23 | 58·3 | 50·8 | 58·1 | 32·0 | 21·5 | 27·2 | 29·7 | 28·2 | 71 | 61 | 81 | 19·2 | 18·9 | 23·0 | 0 | 2 | 2 | NW | 1 | E | 4 | NE | 1 | 0·0 | 8·5 |
| 24 | 59·6 | 58·5 | 60·1 | 32·7 | 26·0 | 29·8 | 31·2 | 29·0 | 66 | 58 | 67 | 20·6 | 19·7 | 20·1 | 0 | 1 | 0 | NE | 3 | NE | 5 | W | 1 | 0·0 | 7·3 |
| 25 | 61·1 | 58·9 | 60·8 | 28·6 | 22·5 | 25·5 | 27·5 | 24·5 | 76 | 78 | 79 | 18·4 | 21·2 | 18·0 | 5 | 0 | 0 | N | 4 | NE | 4 | N | 1 | 0·0 | 11·5 |
| 26 | 60·7 | 58·4 | 60·2 | 29·2 | 22·5 | 26·0 | 28·0 | 25·0 | 78 | 78 | 80 | 19·4 | 21·9 | 18·7 | 5 | 2 | 1 | N | 3 | NE | 5 | N | 2 | 0·0 | 12·5 |
| 27 | 60·5 | 57·5 | 59·1 | 29·4 | 21·0 | 25·6 | 27·5 | 25·5 | 75 | 80 | 88 | 18·4 | 22·0 | 21·3 | 5 | 0 | 0 | NE | 4 | NE | 5 | N | 3 | 0·0 | 8·0 |
| 28 | 59·7 | 57·2 | 59·0 | 29·0 | 21·0 | 25·0 | 27·4 | 26·7 | 80 | 81 | 87 | 18·9 | 22·1 | 22·7 | 0 | 6 | 10 | N | 4 | NE | 4 | N | 2 | 0·0 | 7·0 |
| 29 | 59·9 | 57·1 | 58·5 | 29·5 | 23·0 | 26·0 | 27·6 | 27·0 | 88 | 91 | 100 | 21·9 | 25·1 | 26·5 | 2 | 4 | 1 | N | 4 | NE | 4 | SW | 2 | 0·0 | 5·0 |
| 30 | 59·2 | 57·2 | 58·4 | 31·5 | 24·0 | 26·5 | 30·3 | 27·7 | 76 | 78 | 90 | 19·5 | 24·9 | 25·0 | 5 | 1 | 1 | NE | 2 | SE | 2 | Calm | 0 | 0·0 | 5·0 |
| Month | 59·49 | 58·15 | 59·54 | 31·2 | 23·6 | 27·6 | 29·8 | 27·6 | 71 | 67 | 75 | 19·3 | 20·7 | 20·6 | 3·1 | 2·2 | 1·6 | — | 2·7 | — | 3·9 | — | 1·2 | 7·9 | 8·77 |

Remarks:—

$C_h = + 0·5$ mm. **December 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·7 | 58·3 | 59·7 | 31·5 | 24·0 | 28·0 | 30·2 | 27·1 | 79 | 80 | 78 | 22·1 | 25·6 | 20·7 | 2 | 0 | 0 | NE | 3 | SW | 1 | S | 1 | 0·0 | 6·0 |
| 2 | 59·3 | 58·8 | 60·4 | 31·5 | 24·5 | 27·5 | 29·8 | 26·4 | 77 | 79 | 77 | 21·0 | 24·8 | 19·7 | 3 | 2 | 0 | N | 3 | SE | 3 | Calm | 0 | 0·0 | 4·0 |
| 3 | 59·6 | 59·3 | 59·1 | 31·5 | 21·5 | 27·4 | 29·6 | 26·3 | 66 | 70 | 72 | 17·8 | 21·5 | 18·1 | 0 | 0 | 0 | N | 1 | N | 2 | NW | 1 | 0·0 | 4·0 |
| 4 | 61·0 | 59·4 | 61·2 | 30·0 | 23·0 | 26·5 | 28·5 | 26·5 | 74 | 67 | 74 | 19·1 | 19·4 | 19·1 | 5 | 2 | 6 | N | 3 | NE | 5 | N | 4 | 0·0 | 8·5 |
| 5 | 62·1 | 60·1 | 62·3 | 28·6 | 22·5 | 25·0 | 26·9 | 25·0 | 64 | 61 | 63 | 15·0 | 16·1 | 14·8 | 10 | 10 | 10 | N | 7 | NE | 6 | N | 3 | 0·0 | 15·0 |
| 6 | 62·0 | 58·6 | 59·9 | 27·5 | 21·0 | 24·0 | 26·0 | 24·0 | 49 | 62 | 61 | 10·8 | 15·4 | 13·6 | 7 | 0 | 0 | N | 2 | NE | 5 | NW | 3 | 0·0 | 7·2 |
| 7 | 59·8 | 59·8 | 60·1 | 28·6 | 18·5 | 24·5 | 27·6 | 24·4 | 58 | 48 | 55 | 13·3 | 13·4 | 18·4 | 9 | 3 | 0 | N | 1 | N | 3 | N | 1 | Drops | 10·0 |
| 8 | 59·8 | 58·1 | 58·9 | 26·5 | 21·5 | 24·0 | 25·0 | 24·2 | 48 | 62 | 53 | 10·4 | 14·7 | 11·9 | 0 | 10 | 10 | N | 3 | NE | 4 | NE | 2 | 0·0 | 9·0 |
| 9 | 58·8 | 56·5 | 58·7 | 28·2 | 20·0 | 24·0 | 26·7 | 25·6 | 57 | 68 | 77 | 12·6 | 17·5 | 18·7 | 8 | 0 | 8 | N | 1 | NE | 5 | Calm | 0 | 0·0 | 6·5 |
| 10 | 59·3 | 57·0 | 58·7 | 28·6 | 20·5 | 25·0 | 27·5 | 26·2 | 62 | 74 | 76 | 14·7 | 20·0 | 19·1 | 0 | 0 | 4 | NE | 2 | NE | 5 | NE | 2 | 0·0 | 20·0 |
| 11 | 59·7 | 58·2 | 60·4 | 29·0 | 23·0 | 24·6 | 27·7 | 25·5 | 77 | 74 | 74 | 17·7 | 20·3 | 17·9 | 5 | 0 | 8 | N | 2 | NE | 6 | N | 4 | 0·0 | 20·0 |
| 12 | 61·3 | 59·9 | 61·3 | 27·5 | 23·6 | 25·0 | 26·3 | 25·0 | 43 | 65 | 70 | 10·1 | 16·5 | 16·4 | 7 | 8 | 9 | N | 4 | NE | 5 | N | 2 | 0·0 | 11·0 |
| 13 | 61·5 | 59·4 | 60·5 | 28·0 | 21·5 | 24·6 | 26·5 | 25·6 | 62 | 80 | 66 | 14·2 | 20·6 | 16·0 | 8 | 5 | 9 | N | 4 | NE | 5 | NE | 3 | 0·0 | 7·0 |
| 14 | 61·5 | 59·3 | 60·3 | 27·5 | 23·2 | 25·5 | 25·7 | 25·3 | 67 | 71 | 82 | 16·1 | 17·4 | 19·7 | 2 | 10 | 10 | N | 3 | NE | 6 | NE | 4 | 0·0 | 20·0 |
| 15 | 61·2 | 59·7 | 60·6 | 27·0 | 22·5 | 24·6 | 25·4 | 23·2 | 46 | 65 | 86 | 10·4 | 15·8 | 18·0 | 5 | 1 | 10 | N | 3 | NE | 6 | N | 7 | 0·0 | 11·5 |
| 16 | 61·0 | 59·5 | 61·5 | 26·5 | 20·5 | 23·5 | 25·1 | 23·7 | 55 | 69 | 56 | 11·7 | 16·1 | 12·2 | 5 | 0 | 4 | NE | 5 | NE | 5 | N | 6 | 0·0 | 11·0 |
| 17 | 63·0 | 62·1 | 64·1 | 25·5 | 19·5 | 22·5 | 24·5 | 20·7 | 32 | 57 | 54 | 6·5 | 13·0 | 9·8 | 7 | 0 | 0 | N | 5 | NE | 6 | NW | 5 | 0.0 | 12·0 |
| 18 | 65·2 | 63·2 | 64·2 | 24·5 | 17·0 | 21·4 | 19·2 | 20·0 | 40 | 84 | 59 | 7·7 | 13·8 | 10·4 | 0 | 0 | 0 | N | 6 | NE | 5 | N | 5 | 0·0 | 9·0 |
| 19 | 64·2 | 62·2 | 63·7 | 25·5 | 16·5 | 21·4 | 24·5 | 21·2 | 50 | 57 | 64 | 9·4 | 13·1 | 11·8 | 3 | 1 | 2 | N | 3 | NE | 5 | NE | 4 | 0·0 | 11·0 |
| 20 | 63·8 | 62·0 | 64·2 | 26·5 | 16·5 | 21·8 | 25·5 | 22·0 | 55 | 62 | 70 | 10·6 | 14·9 | 13·7 | 0 | 0 | 0 | N | 4 | NE | 6 | NE | 3 | 0·0 | 9·5 |
| 21 | 64·6 | 62·7 | 64·0 | 26·0 | 17·0 | 22·4 | 25·2 | 21·0 | 50 | 36 | 79 | 9·9 | 8·5 | 14·6 | 0 | 0 | 0 | N | 5 | N | 3 | NE | 2 | 0·0 | 8·0 |
| 22 | 64·1 | 63·3 | 61·9 | 26·0 | 17·4 | 21·5 | 25·2 | 24·2 | 47 | 37 | 41 | 9·0 | 8·8 | 9·1 | 0 | 0 | 0 | NW | 3 | N | 2 | N | 2 | 0·0 | 13·5 |
| 23 | 65·8 | 58·8 | 61·4 | 25·5 | 16·8 | 22·0 | 24·2 | 21·4 | 40 | 47 | 53 | 7·9 | 10·3 | 9·9 | 0 | 0 | 0 | N | 5 | N | 3 | NE | 3 | 0·0 | 11·5 |
| 24 | 66·2 | 64·1 | 63·0 | 26·5 | 17·0 | 22·4 | 22·6 | 23·2 | 42 | 48 | 38 | 8·5 | 9·8 | 8·0 | 0 | 0 | 2 | N | 2 | N | 7 | N | 5 | 0·0 | 15·0 |
| 25 | 65·2 | 62·9 | 64·2 | 26·5 | 18·0 | 23·0 | 24·8 | 23·0 | 43 | 43 | 47 | 9·0 | 10·0 | 9·9 | 3 | 0 | 0 | N | 4 | NE | 5 | NE | 4 | 0·0 | 20·0 |
| 26 | 64·0 | 62·9 | 63·6 | 27·5 | 18.0 | 23·2 | 25·2 | 22·6 | 61 | 37 | 43 | 12·8 | 8·8 | 8·7 | 0 | 0 | 0 | NE | 6 | N | 4 | N | 3 | 0·0 | 18·0 |
| 27 | 63·7 | 64·0 | 62·0 | 27·0 | 20·0 | 23·8 | 24·2 | 24·0 | 30 | 60 | 45 | 6·5 | 13·5 | 9·8 | 8 | 0 | 10 | NE | 5 | N | 7 | N | 4 | 4·0 | 5·0 |
| 28 | 62·7 | 60·8 | 62·0 | 24·6 | 18·0 | 22·0 | 23·4 | 24·0 | 61 | 65 | 56 | 12·0 | 14·0 | 12·3 | 10 | 10 | 8 | N | 3 | N | 4 | N | 2 | 1·5 | 8·0 |
| 29 | 63·3 | 63·3 | 63·6 | 26·0 | 20·0 | 22·4 | 25·8 | 24·0 | 72 | 53 | 61 | 14·6 | 13·2 | 13·6 | 9 | 0 | 0 | N | 4 | N | 1 | N | 1 | 0·0 | 6·0 |
| 30 | 63·7 | 62·9 | 63·8 | 28·0 | 19·5 | 23·5 | 25·6 | 23·4 | 60 | 56 | 58 | 12·9 | 13·6 | 12·4 | 0 | 0 | 0 | N | 1 | NE | 2 | N | 2 | 0·0 | 7·0 |
| 31 | 64·6 | 62·3 | 63·1 | 28·5 | 19·5 | 24·0 | 25·6 | 25·0 | 67 | 37 | 43 | 14·9 | 8·9 | 10·1 | 0 | 0 | 0 | NE | 1 | Calm | 0 | Calm | 0 | Drops | 4·0 |
| Month | 62·32 | 60·63 | 61·69 | 27·5 | 20·1 | 23·9 | 25·8 | 24·0 | 56 | 60 | 62 | 12·6 | 15·1 | 13·9 | 3·7 | 2·0 | 3·5 | — | 3·4 | — | 4·3 | — | 2·8 | 5·5 | 10·36 |

Remarks:—

# ATBARA.

φ = 17° 40′ 30″ N. λ = 33° 58′ 30″ E. H = 354·5 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m.

$C_h$ = + 30 mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 33·3 | 29·6 | 30·6 | 26·5 | 11·0 | 16·5 | 26·0 | 17·5 | 57 | 39 | 40 | 8·0 | 9·5 | 5·9 | 0 | 0 | 0 | N | 2 | NW | 1 | N | 1 | 0·0 | 12·0 |
| 2 | 33·3 | 30·2 | 30·4 | 26·5 | 11·0 | 17·5 | 26·5 | 21·5 | 41 | 30 | 34 | 6·1 | 7·7 | 6·5 | 0 | 0 | 0 | NE | 1 | N | 1 | NE | 1 | 0·0 | 11·0 |
| 3 | 31·7 | 30·2 | 29·3 | 28·0 | 10·5 | 16·2 | 25·5 | 22·0 | 40 | 33 | 39 | 5·4 | 8·0 | 7·6 | 0 | 0 | 0 | N | 2 | NE | 2 | N | 1 | 0·0 | 12·0 |
| 4 | 31·7 | 28·2 | 29·2 | 28·5 | 12·5 | 16·5 | 28·5 | 22·5 | 61 | 31 | 43 | 8·5 | 8·9 | 8·7 | 0 | 0 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 10·5 |
| 5 | 31·2 | 27·8 | 28·0 | 30·0 | 13·5 | 18·0 | 30·0 | 23·5 | 62 | 24 | 35 | 9·5 | 7·4 | 7·5 | 0 | 0 | 0 | N | 2 | NW | 1 | NW | 1 | 0·0 | 11·0 |
| 6 | 29·4 | 25·8 | 27·2 | 33·0 | 15·0 | 21·5 | 33·0 | 26·5 | 63 | 12 | 36 | 12·0 | 4·6 | 9·2 | 0 | 0 | 0 | NNE | 1 | N | 1 | NW | 1 | 0·0 | 10·5 |
| 7 | 29·4 | 25·8 | 27·2 | 32·5 | 15·0 | 21·5 | 32·5 | 26·5 | 47 | 14 | 40 | 9·0 | 4·9 | 10·1 | 0 | 0 | 0 | NW | 1 | NW | 1 | NW | 1 | 0·0 | 9·0 |
| 8 | 30·4 | 29·9 | 29·0 | 28·0 | 15·0 | 21·0 | 27·5 | 23·0 | 33 | 32 | 36 | 6·0 | 8·6 | 7·5 | 0 | 0 | 0 | N | 2 | N | 1 | NW | 2 | 0·0 | 10·0 |
| 9 | 32·3 | 29·6 | 30·6 | 27·5 | 11·5 | 17·0 | 27·0 | 20·0 | 43 | 28 | 37 | 6·2 | 7·4 | 6·4 | 0 | 0 | 0 | N | 2 | N | 1 | NE | 1 | 0·0 | 12·0 |
| 10 | 32·0 | 28·3 | 29·6 | 30·5 | 13·5 | 19·0 | 30·5 | 23·5 | 43 | 26 | 40 | 7·0 | 8·3 | 8·7 | 0 | 0 | 0 | N | 1 | N | 1 | NW | 1 | 0·0 | 11·0 |
| 11 | 30·7 | 26·8 | 27·9 | 30·5 | 13·0 | 21·5 | 30·0 | 23·0 | 52 | 36 | 35 | 9·9 | 11·2 | 7·3 | 0 | 0 | 0 | NE | 1 | NW | 1 | N | 1 | 0·0 | 10·0 |
| 12 | 29·8 | 26·8 | 27·9 | 32·0 | 13·0 | 20·0 | 32·0 | 24·0 | 29 | 21 | 26 | 5·1 | 7·4 | 5·8 | 0 | 0 | 0 | N | 1 | NW | 1 | N | 1 | 0·0 | 8·5 |
| 13 | 29·9 | 27·4 | 27·9 | 30·5 | 14·5 | 19·5 | 30·0 | 24·5 | 32 | 33 | 40 | 5·4 | 10·6 | 9·2 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | 0·0 | 15·0 |
| 14 | 31·2 | 27·0 | 28·8 | 30·5 | 15·0 | 19·5 | 30·5 | 26·5 | 41 | 36 | 44 | 7·0 | 11·6 | 11·1 | 0 | 0 | 0 | N | 1 | N | 1 | NW | 2 | 0·0 | 14·0 |
| 15 | 30·7 | 27·4 | 29·2 | 31·0 | 14·5 | 19·5 | 29·5 | 24·5 | 54 | 39 | 40 | 9·1 | 12·2 | 9·2 | 2 | 0 | 0 | N | 1 | NW | 1 | N | 1 | 0·0 | 9·5 |
| 16 | 30·8 | 28·4 | 29·7 | 30·5 | 14·5 | 21·5 | 30·5 | 24·0 | 32 | 29 | 26 | 6·0 | 9·3 | 5·8 | 0 | 0 | 0 | N | 2 | NW | 1 | NE | 1 | 0·0 | 9·0 |
| 17 | 32·2 | 31·2 | 32·0 | 25·0 | 13·0 | 16·0 | 24·0 | 20·0 | 41 | 60 | 25 | 5·5 | 13·3 | 4·3 | 0 | 0 | 0 | NW | 2 | N | 3 | N | 2 | 0·0 | 12·0 |
| 18 | 36·1 | 32·1 | 32·8 | 24·5 | 10·0 | 16·5 | 24·0 | 20·0 | 34 | 39 | 21 | 4·8 | 8·7 | 3·6 | 0 | 0 | 0 | N | 2 | NNW | 3 | NW | 2 | 0·0 | 13·0 |
| 19 | 34·5 | 32·4 | 31·2 | 26·5 | 8·0 | 13·0 | 26·5 | 22·0 | 33 | 30 | 22 | 3·7 | 7·7 | 4·4 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 14·0 |
| 20 | 33·0 | 31·0 | 31·2 | 26·5 | 11·0 | 16·0 | 24·5 | 22·5 | 43 | 47 | 27 | 5·8 | 10·5 | 5·4 | 0 | 0 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 13·0 |
| 21 | 31·6 | 29·6 | 29·4 | 29·0 | 14·0 | 17·0 | 28·5 | 23·0 | 64 | 33 | 34 | 9·3 | 9·6 | 7·0 | 0 | 0 | 0 | N | 1 | NW | 1 | NNW | 1 | 0·0 | 11·5 |
| 22 | 30·7 | 28·4 | 28·8 | 31·5 | 14·5 | 19·5 | 31·5 | 24·0 | 64 | 25 | 34 | 10·8 | 8·7 | 7·8 | 0 | 0 | 0 | N | 2 | N | 2 | NW | 1 | 0·0 | 9·5 |
| 23 | 29·8 | 27·8 | 28·5 | 32·5 | 16·0 | 19·5 | 30·5 | 23·0 | 52 | 16 | 38 | 8·8 | 5·3 | 7·8 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | 0·0 | 11·0 |
| 24 | 30·4 | 27·6 | 29·3 | 32·0 | 17·5 | 21·5 | 32·0 | 27·0 | 40 | 26 | 28 | 7·6 | 9·0 | 7·4 | 0 | 2 | 0 | N | 1 | N | 1 | NW | 2 | 0·0 | 12·0 |
| 25 | 32·0 | 28·2 | 30·0 | 32·5 | 17·0 | 20·0 | 32·0 | 26·5 | 31 | 21 | 34 | 5·4 | 7·4 | 8·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 18·0 |
| 26 | 31·6 | 28·2 | 29·8 | 31·0 | 16·0 | 19·0 | 30·5 | 25·0 | 59 | 24 | 31 | 9·7 | 7·7 | 7·2 | 1 | 0 | 0 | N | 2 | N | 1 | NE | 3 | 0·0 | 14·5 |
| 27 | 30·7 | 28·4 | 28·6 | 31·5 | 14·0 | 17·5 | 31·5 | 24·0 | 57 | 18 | 43 | 8·4 | 6·2 | 9·5 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | 0·0 | 14·0 |
| 28 | 30·2 | 29·2 | 30·3 | 31·0 | 14·5 | 18·5 | 31·0 | 24·5 | 45 | 13 | 26 | 7·0 | 4·4 | 5·8 | 3 | 4 | 2 | NW | 2 | N | 1 | NW | 1 | 0·0 | 11·0 |
| 29 | 31·2 | 29·7 | 30·1 | 29·5 | 15·5 | 19·5 | 29·5 | 23·0 | 51 | 24 | 31 | 8·6 | 7·4 | 6·4 | 0 | 3 | 2 | N | 4 | N | 1 | NW | 1 | 0·0 | 17·5 |
| 30 | 30·2 | 27·6 | 29·4 | 29·0 | 14·0 | 17·5 | 29·0 | 22·0 | 48 | 26 | 29 | 7·1 | 7·7 | 5·7 | 2 | 0 | 0 | N | 2 | N | 1 | W | 1 | 0·0 | 14·0 |
| 31 | 30·1 | 27·9 | 29·0 | 30·0 | 14·0 | 17·5 | 30·0 | 21·5 | 66 | 13 | 39 | 9·8 | 4·1 | 7·3 | 0 | 0 | 0 | NW | 2 | NW | 3 | N | 1 | 0·0 | 13·5 |
| Month | 31·36 | 28·68 | 29·45 | 29·6 | 13·6 | 18·5 | 29·2 | 23·3 | 47 | 28 | 34 | 7·5 | 8·2 | 7·2 | 0·3 | 0·3 | 0·1 | — | 1·6 | — | 1·3 | — | 1·2 | 0·0 | 13·05 |

Remarks:—

$C_h$ = + 30 mm.

## February 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30·6 | 27·6 | 28·6 | 30·5 | 13·5 | 17·5 | 30·5 | 24·5 | 38 | 26 | 29 | 5·6 | 8·3 | 6·6 | 0 | 0 | 0 | N | 3 | NW | 4 | N | 1 | 0·0 | 14·0 |
| 2 | 30·9 | 28·2 | 29·8 | 29·5 | 15·5 | 17·5 | 29·0 | 23·5 | 40 | 19 | 23 | 5·9 | 5·6 | 4·8 | 0 | 0 | 0 | N | 3 | N | 3 | N | 2 | 0·0 | 11·0 |
| 3 | 31·1 | 28·2 | 28·5 | 30·5 | 14·0 | 18·0 | 30·0 | 23·5 | 36 | 32 | 25 | 5·5 | 10·3 | 5·3 | 2 | 0 | 0 | N | 2 | NW | 1 | NE | 1 | 0·0 | 16·5 |
| 4 | 29·5 | 27·3 | 27·7 | 29·5 | 13·5 | 17·5 | 29·0 | 24·0 | 44 | 16 | 24 | 6·5 | 4·8 | 5·3 | 0 | 0 | 2 | N | 2 | N | 1 | N | 2 | 0·0 | 13·5 |
| 5 | 29·6 | 27·4 | 28·3 | 30·0 | 15·5 | 20·5 | 30·0 | 23·5 | 24 | 13 | 16 | 4·3 | 4·1 | 3·5 | 0 | 0 | 0 | N | 2 | N | 1 | NW | 2 | 0·0 | 10·5 |
| 6 | 30·8 | 28·4 | 30·8 | 27·0 | 15·5 | 18·5 | 26·5 | 20·5 | 35 | 30 | 30 | 5·4 | 7·7 | 5·3 | 4 | 0 | 3 | NW | 4 | N | 1 | N | 2 | 0·0 | 17·0 |
| 7 | 32·4 | 30·0 | 30·3 | 27·0 | 11·5 | 17·0 | 26·5 | 23·0 | 45 | 30 | 22 | 6·4 | 7·7 | 4·6 | 0 | 0 | 0 | N | 2 | NW | 1 | N | 2 | 0·0 | 14·0 |
| 8 | 32·7 | 30·5 | 31·0 | 28·0 | 12·5 | 17·5 | 27·0 | 29·5 | 36 | 23 | 30 | 5·4 | 6·0 | 5·3 | 0 | 0 | 0 | N | 1 | N | 1 | NW | 1 | 0·0 | 11·5 |
| 9 | 31·3 | 29·0 | 28·2 | 28·5 | 10·0 | 16·0 | 28·0 | 21·5 | 27 | 24 | 39 | 3·7 | 7·0 | 7·3 | 0 | 0 | 0 | NE | 2 | N | 2 | N | 1 | 0·0 | 11·0 |
| 10 | 30·0 | 29·1 | 29·0 | 29·5 | 11·5 | 19·0 | 27·5 | 21·0 | 26 | 21 | 31 | 4·2 | 5·7 | 5·8 | 0 | 0 | 0 | N | 1 | NW | 1 | N | 1 | 0·0 | 11·0 |
| 11 | 29·4 | 26·8 | 28·2 | 29·5 | 13·5 | 20·5 | 29·5 | 22·5 | 10 | 12 | 27 | 1·9 | 3·9 | 5·4 | 0 | 0 | 0 | N | 3 | N | 1 | N | 1 | 0·0 | 11·5 |
| 12 | 28·9 | 26·5 | 27·2 | 29·0 | 12·5 | 20·0 | 29·0 | 24·0 | 26 | 9 | 17 | 4·6 | 2·7 | 3·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 14·0 |
| 13 | 26·2 | 25·8 | 23·7 | 35·0 | 16·0 | 19·0 | 34·0 | 28·0 | 35 | 8 | 34 | 5·7 | 3·1 | 9·6 | 7 | 0 | 4 | NE | 1 | N | 1 | N | 1 | 0·0 | 15·0 |
| 14 | 26·5 | 24·7 | 24·2 | 37·5 | 16·0 | 22·5 | 35·0 | 27·5 | 41 | 13 | 24 | 8·1 | 5·6 | 6·5 | 8 | 2 | 4 | W | 1 | N | 1 | ENE | 1 | 0·0 | 14·0 |
| 15 | 27·4 | 27·0 | 28·4 | 31·0 | 21·0 | 27·0 | 30·0 | 24·0 | 25 | 23 | 42 | 6·5 | 7·1 | 9·2 | 5 | 0 | 3 | NNE | 7 | NW | 7 | NW | 7 | 0·0 | 15·0 |
| 16 | 31·1 | 27·9 | 30·2 | 29·0 | 16·0 | 21·5 | 29·0 | 22·5 | 41 | 26 | 39 | 7·9 | 7·7 | 7·8 | 1 | 0 | 0 | NE | 3 | N | 5 | N | 2 | 0·0 | 17·0 |
| 17 | 30·5 | 27·9 | 29·8 | 28·5 | 15·5 | 19·0 | 28·0 | 23·5 | 58 | 17 | 16 | 9·4 | 4·8 | 3·5 | 1 | 0 | 0 | N | 3 | N | 5 | N | 3 | 0·0 | 17·0 |
| 18 | 31·1 | 29·2 | 30·2 | 27·5 | 11·5 | 16·0 | 27·0 | 21·0 | 27 | 15 | 14 | 3·7 | 4·0 | 2·5 | 0 | 2 | 0 | N | 2 | NW | 3 | N | 5 | 0·0 | 17·5 |
| 19 | 31·0 | 29·7 | 30·2 | 26·5 | 10·5 | 16·0 | 26·5 | 20·0 | 20 | 22 | 11 | 2·7 | 5·7 | 1·9 | 1 | 0 | 0 | N | 3 | N | 5 | N | 3 | 0·0 | 17·0 |
| 20 | 32·1 | 29·9 | 30·2 | 27·0 | 11·5 | 16·0 | 26·5 | 20·0 | 26 | 55 | 25 | 3·4 | 14·1 | 4·3 | 0 | 5 | 2 | N | 5 | NW | 4 | N | 2 | 0·0 | 17·0 |
| 21 | 31·5 | 29·1 | 29·3 | 28·5 | 11·5 | 16·5 | 27·5 | 21·5 | 43 | 14 | 25 | 6·0 | 3·7 | 4·7 | 4 | 2 | 0 | N | 4 | N | 3 | N | 2 | 0·0 | 13·5 |
| 22 | 31·8 | 28·2 | 29·0 | 30·5 | 11·0 | 19·0 | 26·5 | 20·5 | 30 | 22 | 23 | 4·9 | 5·7 | 4·0 | 0 | 0 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 15·0 |
| 23 | 30·1 | 26·7 | 27·4 | 29·0 | 14·0 | 22·0 | 28·5 | 23·5 | 47 | 39 | 23 | 9·3 | 11·2 | 4·8 | 0 | 0 | 0 | E | 1 | N | 1 | N | 1 | 0·0 | 12·0 |
| 24 | 28·7 | 26·7 | 27·0 | 35·0 | 14·5 | 23·0 | 34·0 | 25·0 | 13 | 3 | 23 | 2·8 | 1·1 | 5·5 | 0 | 0 | 0 | E | 1 | NW | 1 | N | 1 | 0·0 | 16·0 |
| 25 | 29·1 | 26·7 | 28·0 | 36·0 | 15·0 | 21·0 | 35·0 | 25·5 | 20 | 28 | 20 | 3·7 | 11·6 | 4·6 | 0 | 0 | 0 | N | 1 | N | 1 | N | 2 | 0·0 | 15·0 |
| 26 | 29·9 | 26·8 | 28·4 | 34·0 | 16·5 | 20·5 | 33·0 | 27·5 | 23 | 23 | 18 | 4·0 | 8·4 | 4·8 | 0 | 0 | 0 | N | 1 | N | 1 | N | 3 | 0·0 | 19·0 |
| 27 | 30·1 | 27·7 | 28·4 | 32·0 | 16·0 | 21·0 | 31·5 | 23·5 | 20 | 30 | 16 | 3·7 | 10·3 | 3·5 | 0 | 0 | 0 | N | 3 | N | 1 | N | 1 | 0·0 | 20·0 |
| 28 | 29·5 | 26·6 | 28·7 | 31·5 | 15·5 | 19·0 | 31·5 | 21·5 | 36 | 21 | 56 | 6·0 | 7·1 | 10·7 | 0 | 0 | 0 | N | 1 | N | 1 | NW | 2 | 0·0 | 19·5 |
| Month | 30·14 | 27·84 | 28·60 | 30·2 | 14·0 | 19·2 | 29·5 | 23·1 | 32 | 22 | 26 | 5·3 | 6·6 | 5·4 | 1·2 | 0·4 | 0·6 | — | 2·3 | — | 2·1 | — | 1·9 | 0·0 | 14·61 |

Remarks:—

# ATBARA.

$\varphi = 17° 40' 30''$ N. $\lambda = 33° 58' 30''$ E. $H = 354·5$ m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h = +30$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 29·7 | 27·2 | 26·4 | 34·0 | 13·5 | 19·0 | 33·0 | 25·5 | 35 | 23 | 21 | 5·7 | 8·4 | 4·9 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | 0·0 | 15·5 |
| 2 | 28·5 | 25·2 | 26·2 | — | 13·0 | 23·5 | 38·0 | 26·0 | 30 | 11 | 36 | 6·4 | 5·4 | 8·9 | 3 | 6 | 2 | NE | 1 | NE | 1 | N | 1 | 0·0 | 14·5 |
| 3 | 26·6 | 26·0 | 25·3 | — | 13·0 | 22·5 | 37·5 | 26·0 | 38 | 7 | 31 | 7·6 | 3·4 | 7·7 | 4 | 9 | 3 | NE | 1 | N | 1 | N | 1 | 0·0 | 12·5 |
| 4 | 25·9 | 25·3 | 27·4 | — | 15·5 | 23·0 | 32·0 | 25·0 | 17 | 11 | 20 | 3·5 | 3·8 | 4·7 | 2 | 7 | 2 | N | 5 | N | 6 | N | 8 | 0·0 | 15·0 |
| 5 | 30·1 | 26·0 | 29·4 | — | 13·0 | 15·0 | 33·0 | 21·5 | 21 | 6 | 44 | 2·7 | 2·3 | 8·5 | 2 | 1 | 3 | N | 6 | N | 4 | N | 5 | 0·0 | 20·0 |
| 6 | 31·7 | 27·2 | 31·5 | — | 13·0 | 16·0 | 32·5 | 19·0 | 24 | 2 | 49 | 3·2 | 0·6 | 8·1 | 2 | 0 | 0 | NW | 6 | N | 6 | N | 2 | 0·0 | 19·0 |
| 7 | 33·8 | 29·3 | 31·4 | 24·5 | 11·5 | 14·5 | 24·0 | 18·0 | 16 | 17 | 28 | 1·9 | 3·7 | 4·3 | 0 | 0 | 0 | N | 7 | N | 5 | N | 3 | 0·0 | 17·0 |
| 8 | 33·3 | 30·2 | 30·4 | 27·5 | 12·0 | 17·5 | 25·5 | 20·5 | 25 | 24 | 20 | 3·7 | 5·7 | 3·5 | 0 | 0 | 0 | N | 2 | N | 2 | N | 3 | 0·0 | 18·0 |
| 9 | 31·7 | 29·0 | 30·1 | 28·0 | 12·5 | 18·5 | 27·5 | 21·5 | 27 | 10 | 18 | 4·3 | 2·8 | 3·4 | 0 | 0 | 0 | N | 1 | NW | 2 | NNW | 3 | 0·0 | 16·0 |
| 10 | 32·4 | 29·5 | 30·6 | — | 11·5 | 17·5 | 26·5 | 17·4 | 20 | 19 | 34 | 3·0 | 4·9 | 4·9 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 2 | 0·0 | 16·0 |
| 11 | 31·1 | 28·4 | 28·0 | — | 8·0 | 16·0 | 30·0 | 22·5 | 26 | 25 | 18 | 3·4 | 8·0 | 3·6 | 1 | 4 | 0 | N | 2 | NW | 1 | N | 1 | 0·0 | 12·5 |
| 12 | 30·5 | 28·4 | 28·8 | 31·5 | 11·5 | 19·0 | 31·5 | 25·5 | 22 | 4 | 17 | 3·5 | 1·2 | 4·1 | 1 | 0 | 7 | N | 3 | Calm | 0 | N | 1 | 0·0 | 12·7 |
| 13 | 31·3 | 30·2 | 28·8 | 29·5 | 16·0 | 20·5 | 24·2 | 29·0 | 10 | 10 | 10 | 1·9 | 2·2 | 3·0 | 3 | 2 | 3 | N | 6 | N | 3 | NW | 1 | 0·0 | 18·8 |
| 14 | 31·3 | 28·8 | 28·8 | 29·0 | 14·0 | 18·0 | 28·5 | 23·5 | 19 | 14 | 10 | 2·9 | 3·9 | 2·2 | 0 | 1 | 2 | N | 7 | NW | 2 | N | 1 | 0·0 | 19·0 |
| 15 | 30·2 | 28·0 | 27·4 | 31·5 | 14·0 | 19·0 | 27·0 | 23·0 | 31 | 12 | 22 | 5·1 | 3·2 | 4·6 | 0 | 0 | 0 | NE | 3 | N | 1 | NW | 1 | 0·0 | 17·1 |
| 16 | 29·7 | 27·9 | 27·8 | 31·5 | 13·5 | 20·0 | 30·0 | 23·8 | 31 | 2 | 18 | 5·5 | 0·8 | 3·8 | 0 | 0 | 4 | NE | 3 | NW | 1 | N | 1 | 0·0 | 16·9 |
| 17 | 28·6 | 25·3 | 26·2 | 33·4 | 15·0 | 21·0 | 33·4 | 26·4 | 28 | 21 | 17 | 5·1 | 8·2 | 4·4 | 1 | 3 | 5 | NE | 2 | N | 1 | N | 1 | 0·0 | 17·4 |
| 18 | 27·5 | 25·0 | 26·9 | 34·0 | 16·5 | 23·0 | 33·5 | 23·0 | 9 | 7 | 12 | 2·0 | 2·8 | 2·5 | 0 | 0 | 5 | N | 2 | N | 1 | N | 1 | 0·0 | 17·8 |
| 19 | 26·9 | 27·1 | 27·7 | 32·5 | 17·0 | 22·0 | 32·5 | 23·5 | 8 | 6 | 4 | 1·6 | 2·0 | 0·9 | 3 | 0 | 3 | N | 5 | N | 7 | N | 2 | 0·0 | 20·0 |
| 20 | 29·7 | 24·7 | 28·4 | 34·5 | 15·0 | 21·0 | 31·0 | 25·2 | 15 | 29 | 15 | 2·8 | 9·6 | 3·5 | 0 | 0 | 3 | NE | 3 | N | 5 | NW | 2 | 0·0 | 20·0 |
| 21 | 29·3 | 28·0 | 27·1 | 33·0 | 15·5 | 21·5 | 32·0 | 25·4 | 10 | 28 | 4 | 3·2 | 10·0 | 1·0 | 0 | 0 | 0 | NNE | 5 | N | 7 | N | 3 | 0·0 | 20·0 |
| 22 | 29·3 | 27·0 | 27·3 | 31·0 | 15·5 | 21·0 | 30·0 | 22·6 | 12 | 0 | 20 | 2·2 | 0·1 | 4·0 | 0 | 0 | 0 | NNW | 2 | N | 2 | NW | 1 | 0·0 | 20·0 |
| 23 | 28·1 | 27·0 | 25·9 | 33·0 | 13·0 | 21·0 | 30·0 | 23·4 | 23 | 18 | 24 | 4·2 | 5·6 | 5·1 | 1 | 0 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 15·2 |
| 24 | 28·1 | 32·0 | 26·0 | 34·0 | 13·0 | 23·0 | 33·0 | 26·8 | 21 | 14 | 13 | 4·3 | 5·2 | 3·3 | 0 | 0 | 0 | ENE | 1 | NW | 1 | N | 3 | 0·0 | 13·7 |
| 25 | 28·7 | 26·1 | 27·1 | 37·0 | 15·0 | 24·5 | 36·0 | 26·4 | 31 | 20 | 16 | 7·2 | 9·3 | 4·1 | 3 | 0 | 0 | ENE | 1 | N | 1 | N | 1 | 0·0 | 15·0 |
| 26 | 28·3 | 26·2 | 27·0 | 37·0 | 18·0 | 27·0 | 36·5 | 28·2 | 9 | 32 | 13 | 2·3 | 14·5 | 3·8 | 1 | 0 | 0 | NW | 2 | WNW | 1 | N | 1 | 0·0 | 13·0 |
| 27 | 27·7 | 25·8 | 26·2 | 36·5 | 17·5 | 26·0 | 36·4 | 28·8 | 8 | 16 | 7 | 1·9 | 7·3 | 2·0 | 0 | 0 | 0 | NNW | 2 | W | 1 | WNW | 2 | 0·0 | 17·8 |
| 28 | 27·3 | 26·0 | 26·0 | 35·0 | 18·5 | 27·0 | 35·0 | 28·0 | 8 | 10 | 16 | 2·1 | 4·0 | 4·5 | 0 | 0 | 0 | NW | 2 | NW | 1 | N | 1 | 0·0 | 17·2 |
| 29 | 27·7 | 26·0 | 27·6 | 37·0 | 17·0 | 27·2 | 28·0 | 27·0 | 31 | 16 | 26 | 8·2 | 4·5 | 6·8 | 0 | 0 | 0 | ENE | 2 | N | 1 | N | 1 | 0·0 | 15·8 |
| 30 | 28·5 | 25·6 | 26·1 | 37·0 | 20·5 | 27·0 | 36·4 | 30·4 | 40 | 26 | 16 | 10·5 | 11·9 | 5·3 | 0 | 0 | 0 | ENE | 1 | NW | 1 | ENE | 2 | 0·0 | 14·0 |
| 31 | 27·4 | 26·9 | 26·5 | 38·5 | 18·0 | 26·5 | 38·0 | 30·0 | 23 | 19 | 11 | 6·0 | 9·8 | 3·6 | 0 | 0 | 0 | Calm | 0 | NW | 1 | NW | 1 | 0·0 | 12·2 |
| Month | 29·43 | 27·27 | 27·75 | 32·9 | 14·5 | 21·2 | 31·7 | 24·6 | 22 | 15 | 20 | 4·1 | 5·3 | 4·4 | 0·9 | 1·1 | 1·4 | — | 2·8 | — | 2·3 | — | 1·9 | 0·0 | 16·44 |

**Remarks:—**

$C_h = +29$ mm.

## April 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27·7 | 26·6 | 27·1 | 38·0 | 19·5 | 28·0 | 37·5 | 29·5 | 12 | 15 | 8 | 3·4 | 7·3 | 2·4 | 0 | 0 | 0 | NE | 2 | N | 1 | NW | 3 | 0·0 | 16·0 |
| 2 | 28·1 | 26·1 | 26·7 | 37·0 | 19·0 | 25·5 | 37·0 | 28·0 | 13 | 8 | 15 | 3·2 | 3·7 | 4·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 18·0 |
| 3 | 27·5 | 25·3 | 25·1 | 40·5 | 16·0 | 26·5 | 40·0 | 30·5 | 9 | 5 | 10 | 2·4 | 2·9 | 3·2 | 0 | 0 | 0 | N | 1 | NE | 1 | N | 1 | 0·0 | 18·4 |
| 4 | 27·1 | 24·8 | 25·3 | 40·5 | 21·5 | 25·5 | 38·5 | 33·5 | 20 | 15 | 6 | 4·6 | 7·7 | 2·2 | 0 | 0 | 0 | N | 3 | N | 3 | N | 4 | 0·0 | 20·0 |
| 5 | 27·5 | 25·2 | 27·1 | 38·5 | 20·0 | 27·5 | 38·0 | 29·5 | 12 | 6 | 12 | 3·4 | 3·1 | 3·5 | 0 | 0 | 0 | N | 4 | N | 1 | N | 3 | 0·0 | 20·0 |
| 6 | 28·8 | 25·6 | 25·5 | 36·5 | 18·0 | 24·5 | 35·0 | 29·0 | 20 | 14 | 9 | 4·7 | 5·9 | 2·7 | 0 | 0 | 0 | NNE | 3 | N | 1 | NW | 2 | 0·0 | 20·0 |
| 7 | 27·3 | 24·3 | 25·1 | 37·0 | 16·5 | 23·0 | 35·5 | 28·0 | 9 | 7 | 9 | 2·0 | 3·1 | 2·5 | 0 | 0 | 0 | NNE | 3 | N | 1 | NW | 2 | 0·0 | 17·0 |
| 8 | 26·5 | 25·0 | 24·3 | 39·5 | 15·0 | 26·0 | 31·5 | 31·5 | 15 | 16 | 1 | 3·5 | 5·6 | 0·4 | 0 | 0 | 0 | ENE | 1 | NE | 1 | N | 2 | 0·0 | 17·5 |
| 9 | 25·6 | 23·2 | 24·7 | 41·0 | 16·5 | 26·0 | 38·5 | 32·0 | 27 | 12 | 14 | 6·6 | 6·1 | 4·9 | 0 | 0 | 0 | NNW | 2 | N | 3 | N | 4 | 0·0 | 20·0 |
| 10 | 27·0 | 23·8 | 24·9 | 41·0 | 23·0 | 30·5 | 37·5 | 33·5 | 27 | 14 | 6 | 8·7 | 6·6 | 2·2 | 0 | 0 | 0 | NE | 4 | N | 3 | NW | 2 | 0·0 | 20·0 |
| 11 | 26·4 | 24·7 | 24·9 | 41·0 | 20·0 | 29·0 | 38·5 | 29·0 | 23 | 4 | 8 | 6·8 | 1·9 | 2·5 | 0 | 3 | 0 | E | 1 | N | 5 | NW | 1 | 0·0 | 20·0 |
| 12 | 26·5 | 24·9 | 24·0 | 38·5 | 17·0 | 26·0 | 37·5 | 30·5 | 8 | 7 | 1 | 1·9 | 3·4 | 0·5 | 0 | 0 | 0 | N | 3 | N | 3 | N | 2 | 0·0 | 20·0 |
| 13 | 25·5 | 23·2 | 23·1 | 40·0 | 16·5 | 29·0 | 39·0 | 31·0 | 24 | 8 | 13 | 7·1 | 4·1 | 4·4 | 0 | 0 | 0 | ENE | 3 | NNE | 1 | N | 1 | 0·0 | 20·0 |
| 14 | 27·4 | 23·4 | 24·5 | 40·5 | 22·5 | 28·0 | 40·0 | 33·5 | 43 | 12 | 26 | 12·1 | 6·8 | 10·1 | 0 | 0 | 0 | NE | 3 | NNE | 3 | ENE | 5 | 0·0 | 19·8 |
| 15 | 24·5 | 24·6 | 23·3 | 39·5 | 22·0 | 30·0 | 39·5 | 33·5 | 36 | 13 | 17 | 11·2 | 7·1 | 6·5 | 0 | 0 | 0 | ENE | 4 | NE | 1 | ENE | 4 | 0·0 | 16·7 |
| 16 | 25·7 | 23·2 | 22·8 | 40·0 | 24·0 | 30·0 | 39·0 | 35·0 | 33 | 17 | 14 | 10·6 | 9·2 | 5·9 | 0 | 0 | 0 | ENE | 5 | NE | 1 | NE | 2 | 0·0 | 17·6 |
| 17 | 25·0 | 23·5 | 23·2 | 40·5 | 23·0 | 29·0 | 39·0 | 33·0 | 39 | 14 | 22 | 11·5 | 7·4 | 8·1 | 0 | 0 | 0 | NE | 4 | SW | 1 | NW | 1 | 0·0 | 19·3 |
| 18 | 25·7 | 22·8 | 23·0 | 41·0 | 26·0 | 31·0 | 38·5 | 35·5 | 36 | 18 | 13 | 12·0 | 9·5 | 5·6 | 0 | 0 | 0 | SE | 3 | SE | 1 | N | 1 | 0·0 | 15·6 |
| 19 | 24·9 | 23·5 | 22·2 | 42·5 | 25·0 | 32·0 | 41·0 | 35·0 | 31 | 17 | 24 | 11·0 | 9·9 | 9·9 | 0 | 4 | 4 | SE | 2 | SE | 1 | SW | 1 | 0·0 | 14·2 |
| 20 | 26·0 | 23·5 | 23·1 | 40·5 | 29·0 | 33·0 | 40·0 | 35·5 | 25 | 15 | 25 | 9·4 | 8·6 | 10·6 | 3 | 2 | 1 | SE | 5 | S | 1 | S | 1 | 0·0 | 17·7 |
| 21 | 25·5 | 23·2 | 23·6 | 41·5 | 16·5 | 33·0 | 40·0 | 34·5 | 30 | 18 | 27 | 11·1 | 10·4 | 10·9 | 0 | 5 | 4 | SSW | 2 | S | 1 | NW | 1 | 0·0 | 18·3 |
| 22 | 24·5 | 22·7 | 22·4 | 42·5 | 21·5 | 32·0 | 42·0 | 35·5 | 26 | 15 | 24 | 9·4 | 9·3 | 10·3 | 3 | 3 | 3 | N | 2 | E | 1 | NW | 1 | 0·0 | 16·7 |
| 23 | 24·6 | 23·0 | 24·4 | 41·5 | 27·5 | 32·5 | 40·0 | 33·5 | 27 | 18 | 20 | 9·7 | 10·4 | 7·8 | 0 | 0 | 3 | N | 4 | NW | 1 | N | 7 | 0·0 | 20·0 |
| 24 | 26·8 | 24·2 | 24·8 | 38·0 | 25·0 | 29·5 | 37·0 | 30·5 | 28 | 30 | 12 | 8·6 | 14·2 | 4·1 | 2 | 1 | 2 | N | 5 | N | 1 | N | 8 | 0·0 | 16·1 |
| 25 | 25·9 | 23·9 | 24·1 | 37·5 | 23·5 | 28·0 | 37·5 | 31·5 | 18 | 16 | 16 | 5·1 | 7·7 | 5·6 | 3 | 1 | 0 | N | 4 | W | 3 | NW | 1 | 0·0 | 20·0 |
| 26 | 26·4 | 23·6 | 24·3 | 39·0 | 21·0 | 28·5 | 38·0 | 31·5 | 16 | 16 | 10 | 4·5 | 8·0 | 3·5 | 0 | 0 | 0 | N | 2 | W | 1 | NW | 1 | 0·0 | 18·4 |
| 27 | 25·6 | 24·2 | 24·0 | 45·0 | 22·0 | 31·0 | 40·5 | 33·5 | 15 | 10 | 20 | 5·0 | 5·5 | 7·8 | 0 | 0 | 0 | NE | 2 | SW | 1 | NW | 1 | 0·0 | 17·8 |
| 28 | 26·4 | 23·4 | 24·8 | 42·0 | 22·0 | 32·0 | 41·5 | 35·0 | 11 | 18 | 12 | 4·0 | 10·7 | 5·0 | 0 | 0 | 0 | E | 1 | S | 1 | W | 1 | 0·0 | 17·0 |
| 29 | 25·6 | 23·0 | 23·1 | 42·5 | 22·0 | 32·0 | 42·0 | 34·5 | 13 | 10 | 13 | 4·6 | 6·4 | 5·7 | 0 | 0 | 0 | N | 2 | SW | 1 | Calm | 0 | 0·0 | 17·8 |
| 30 | 25·5 | 22·7 | 22·7 | 42·5 | 25·5 | 35·0 | 41·5 | 33·0 | 7 | 19 | 23 | 3·1 | 11·5 | 8·4 | 0 | 1 | 0 | N | 1 | SW | 1 | W | 1 | 0·0 | 18·5 |
| Month | 26·23 | 24·04 | 24·27 | 40·2 | 21·2 | 29·1 | 38·7 | 32·3 | 22 | 14 | 14 | 6·7 | 7·1 | 5·4 | 0·4 | 0·7 | 0·6 | — | 2·8 | — | 1·5 | — | 2·2 | 0·0 | 18·28 |

**Remarks:—**

# ATBARA.

φ = 17° 40′ 30″ N. λ = 33° 58′ 30″ E. H = 354·5 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m.

$C_h$ = + 29 mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24·9 | 22·6 | 24·0 | 42·0 | 24·0 | 34·0 | 40·5 | 32·5 | 4 | 4 | 14 | 1·6 | 2·1 | 4·9 | 0 | 0 | 0 | N | 6 | NE | 1 | N | 1 | 0·0 | 20·0 |
| 2 | 26·3 | 23·7 | 25·2 | 42·5 | 26·0 | 33·0 | 41·0 | 35·0 | 13 | 9 | 6 | 5·0 | 5·2 | 2·5 | 0 | 2 | 0 | N | 7 | NE | 1 | NE | 2 | 0·0 | 20·0 |
| 3 | 27·7 | 24·8 | 24·5 | 42·5 | 25·5 | 33·5 | 41·0 | 32·5 | 33 | 8 | 6 | 12·6 | 4·9 | 2·0 | 0 | 0 | 0 | NE | 5 | NE | 1 | NE | 1 | 0·0 | 20·0 |
| 4 | 26·2 | 23·7 | 23·9 | 43·0 | 25·0 | 36·0 | 42·5 | 34·5 | 9 | 5 | 9 | 4·0 | 3·0 | 3·7 | 0 | 0 | 0 | E | 6 | N | 1 | N | 1 | 0·0 | 20·0 |
| 5 | 24·3 | 22·4 | 22·4 | 43·0 | 25·0 | 32·0 | 42·0 | 30·5 | 34 | 13 | 16 | 12.1 | 8·2 | 7·3 | 0 | 0 | 0 | S | 3 | SW | 1 | SW | 1 | 0·0 | 19·6 |
| 6 | 24·0 | 22·3 | 23·2 | 43·0 | 28·0 | 35·0 | 42·5 | 36·0 | 12 | 9 | 10 | 5·0 | 5·9 | 4·4 | 3 | 0 | 0 | NW | 3 | NW | 1 | NW | 1 | 0·0 | 20·0 |
| 7 | 25·2 | 23·2 | 23·6 | 42·0 | 26·5 | 32·0 | 41·0 | 35·5 | 34 | 11 | 12 | 12·1 | 6·6 | 5·0 | 0 | 0 | 0 | NE | 3 | NW | 1 | NW | 1 | 0·0 | 19·6 |
| 8 | 25·5 | 22·9 | 23·9 | 42·0 | 21·5 | 34·0 | 42·0 | 34·0 | 21 | 16 | 12 | 8·5 | 9·6 | 4·6 | 0 | 5 | 0 | SE | 4 | NW | 1 | NW | 1 | 0·0 | 20·0 |
| 9 | 26·7 | 24·5 | 24·8 | 39·5 | 25·5 | 29·5 | 38·0 | 31·0 | 48 | 14 | 13 | 14·7 | 6·8 | 5·6 | 0 | 0 | 0 | SE | 2 | N | 1 | NE | 1 | 0·0 | 17·4 |
| 10 | 27·3 | 24·2 | 23·7 | 38·5 | 24·0 | 30·5 | 38·0 | — | 36 | 12 | — | 11·6 | 6·3 | — | 0 | 1 | 1 | S | 1 | W | 1 | NW | 1 | 0·0 | 16·4 |
| 11 | 26·0 | 23·9 | 24·2 | 39·5 | 22·0 | 32·0 | 38·5 | 33·5 | 31 | 13 | 12 | 11·0 | 6·4 | 4·8 | 0 | 1 | 0 | Calm | 0 | NW | 1 | N | 1 | 0·0 | 16·3 |
| 12 | 26·7 | 25·0 | 25·3 | 41·0 | 23·5 | 31·0 | 41·0 | 35·0 | 37 | 11 | 12 | 12·3 | 6·3 | 5·0 | 0 | 1 | 2 | SE | 1 | SW | 1 | NE | 1 | 0·0 | 16·8 |
| 13 | 27·3 | 25·4 | 25·3 | 42·0 | 24·5 | 34·5 | 41·5 | 35·0 | 30 | 8 | 9 | 12·3 | 4·9 | 3·7 | 0 | 2 | 1 | SE | 1 | SW | 1 | NW | 1 | 0·0 | 15·6 |
| 14 | 26·4 | 24·8 | 25·7 | 41·5 | 24·0 | 34·0 | 41·0 | 33·0 | 22 | 8 | 23 | 8·8 | 4·6 | 8.4 | 0 | 0 | 0 | NE | 1 | W | 1 | N | 1 | 0·0 | 20·0 |
| 15 | 26·5 | 24·9 | 25·8 | 40·0 | 25·5 | 31·0 | 39·0 | 31·5 | 10 | 12 | 21 | 3·5 | 6·3 | 7·1 | 0 | 0 | 0 | N | 7 | NW | 1 | Calm | 0 | 0·0 | 19·2 |
| 16 | 26·7 | 25·2 | 25·2 | 39·5 | 21·0 | 31·5 | 38·5 | 33·0 | 18 | 18 | 25 | 6·2 | 9·5 | 9·4 | 0 | 0 | 0 | N | 2 | NE | 1 | NW | 1 | 0·0 | 19·0 |
| 17 | 27·3 | 25·7 | 26·6 | 35·5 | 23·0 | 28·0 | 35·0 | 28·5 | 30 | 13 | 12 | 8·3 | 5·4 | 3·5 | 0 | 0 | 0 | NE | 3 | NW | 1 | SW | 1 | 0·0 | 20·0 |
| 18 | 28·0 | 26·2 | 26·7 | 36·5 | 16·5 | 26·0 | 36·5 | 26·5 | 27 | 2 | 34 | 6·6 | 1·0 | 8·6 | 0 | 0 | 0 | N | 6 | NW | 1 | NW | 1 | 0·0 | 18·2 |
| 19 | 27·8 | 26·1 | 26 2 | 36·5 | 17·0 | 26·0 | 36·0 | 30·0 | 18 | 22 | 16 | 4·3 | 10·0 | 5·0 | 0 | 0 | 0 | N | 2 | NW | 1 | Calm | 0 | 0·0 | 18·3 |
| 20 | 27·1 | 25·2 | 25·5 | 38·5 | 20·0 | 29·0 | 38·0 | 30·0 | 25 | 7 | 16 | 7·4 | 3·6 | 5·0 | 0 | 0 | 0 | N | 2 | NW | 1 | N | 1 | 0·0 | 18·2 |
| 21 | 26·8 | 25·2 | 24 6 | 41·0 | 19·0 | 31·0 | 40·5 | 32·5 | 12 | 12 | 12 | 4·1 | 6·6 | 4·3 | 0 | 0 | 0 | NE | 2 | NW | 1 | Calm | 0 | 0·0 | 20·0 |
| 22 | 26·2 | 23·4 | 23·8 | 43·0 | 23·5 | 32·5 | 42·5 | 35·0 | 14 | 4 | 12 | 5·3 | 2·5 | 5·0 | 0 | 0 | 0 | N | 3 | NW | 1 | NW | 2 | 0·0 | 19·6 |
| 23 | 23·7 | 21·7 | 21·8 | 44·0 | 23·0 | 34·0 | 44·0 | 37·0 | 12 | 5 | 8 | 5·0 | 3·2 | 3·7 | 0 | 0 | 0 | NE | 2 | Calm | 0 | Calm | 0 | 0·0 | 20·0 |
| 24 | 23·2 | 23·4 | 22·6 | 44·0 | 25·0 | 35·5 | 43·0 | 38·0 | 24 | 11 | 16 | 10·3 | 7·2 | 8·0 | 0 | 3 | 0 | S | 4 | Calm | 0 | S | 1 | 0·0 | 18·2 |
| 25 | 24·4 | 24·1 | 23·1 | 45·0 | 28·0 | 37·0 | 43·0 | 36·5 | 14 | 16 | 13 | 6·3 | 10·6 | 6·0 | 2 | 5 | 0 | E | 1 | N | 1 | Calm | 0 | 0·0 | 19·3 |
| 26 | 26·0 | 23·4 | 25·0 | 44·0 | 27·5 | 37·0 | 43·0 | 34·5 | 12 | 14 | 6 | 5·7 | 8·7 | 2·2 | 0 | 0 | 0 | NNE | 7 | NW | 4 | NW | 3 | 0·0 | 20·0 |
| 27 | 27·0 | 24·9 | 25·1 | 42·0 | 26·0 | 38·5 | 42·0 | 35·0 | 6 | 15 | 12 | 3·1 | 9·3 | 5·0 | 0 | 0 | 0 | NNE | 5 | N | 3 | NE | 2 | 0·0 | 19·0 |
| 28 | 26·9 | 24·1 | 24·9 | 41·5 | 25·5 | 33·0 | 41·0 | 33·5 | 8 | 5 | 24 | 3·1 | 2·9 | 9·1 | 0 | 0 | 0 | N | 8 | N | 3 | N | 4 | 0·0 | 20·0 |
| 29 | 26·6 | 24·2 | 26·2 | 40·0 | 23·0 | 30·0 | 38·5 | 33 0 | 12 | 18 | 25 | 3·8 | 9·5 | 9·4 | 0 | 0 | 0 | N | 6 | N | 4 | N | 4 | 0·0 | 20·0 |
| 30 | 26·5 | 26·0 | 26·9 | 38·5 | 23·5 | 29·5 | 32·5 | 31·0 | 12 | 27 | 13 | 3·5 | 9·7 | 4·4 | 0 | 0 | 0 | N | 7 | N | 4 | N | 2 | 0·0 | 20·0 |
| 31 | 27·2 | 25·4 | 26·5 | 37·5 | 22·0 | 30·0 | 36·5 | 30·5 | 13 | 19 | 10 | 4·1 | 8·9 | 3·2 | 0 | 0 | 0 | N | 4 | N | 1 | NW | 1 | 0·0 | 20·0 |
| Month | 26·21 | 24·27 | 24·72 | 40·9 | 23·7 | 32·3 | 40·0 | 33·4 | 20 | 12 | 14 | 7·2 | 6·3 | 5·4 | 0·2 | 0·6 | 0·1 | — | 3·7 | — | 1·4 | — | 1·2 | 0·0 | 19·05 |

Remarks:—

$C_h$ = + 29 mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27·6 | 25·7 | 26·6 | 37·0 | 19·5 | 28·0 | 36·0 | 27·0 | 16 | 3 | 20 | 4.5 | 1·3 | 5·4 | 0 | 0 | 0 | N | 6 | N | 2 | N | 1 | 0·0 | 20·0 |
| 2 | 28·0 | 26·9 | 27 0 | 36·0 | 19·5 | 28·0 | 35·0 | 29·0 | 13 | 28 | 10 | 3·7 | 11·6 | 3·0 | 0 | 0 | 0 | N | 4 | N | 1 | N | 1 | 0·0 | 20·0 |
| 3 | 27·3 | 25·9 | 26·7 | 37·5 | 19·0 | 30·0 | 36·0 | 23·0 | 6 | 6 | 25 | 1·8 | 2·8 | 5·1 | 0 | 0 | 0 | N | 4 | NW | 1 | N | 1 | 0·0 | 19·2 |
| 4 | 27·1 | 25·8 | 26·2 | 39·0 | 20·0 | 29·0 | 38·0 | 30·5 | 9 | 12 | 11 | 2·7 | 6·3 | 3·7 | 0 | 0 | 0 | N | 3 | NW | 2 | NW | 1 | 0·0 | 20·0 |
| 5 | 25·6 | 24·1 | 25·1 | 40·0 | 23·0 | 32·5 | 40·0 | 33·0 | 11 | 7 | 8 | 4·0 | 4·0 | 3·1 | 0 | 0 | 0 | N | 3 | N | 1 | N | 1 | 0·0 | 20·0 |
| 6 | 25 8 | 24·0 | 24·4 | 41·5 | 22·5 | 32·0 | 41·0 | 32·0 | 7 | 6 | 16 | 2·6 | 3·2 | 5·7 | 0 | 1 | 0 | N | 3 | NW | 1 | N | 1 | 0·0 | 20·0 |
| 7 | 24·8 | 23·1 | 23·2 | 42·0 | 24·0 | 33·0 | 41·5 | 33·0 | 6 | 7 | 10 | 2·3 | 4·2 | 3·7 | 5 | 0 | 0 | NNW | 2 | NW | 1 | N | 1 | 0·0 | 20·0 |
| 8 | 24·4 | 23·6 | 22·9 | 43·0 | 25·0 | 34.5 | 42·5 | 35·5 | 8 | 5 | 12 | 3·4 | 3·6 | 5·0 | 0 | 0 | 0 | N | 5 | W | 1 | NW | 2 | 0·0 | 20·0 |
| 9 | 24·8 | 22·8 | 23·7 | 45·0 | 27·0 | 30·0 | 44·5 | 36·5 | 8 | 9 | 16 | 3·7 | 6·4 | 7·3 | 0 | 0 | 0 | N | 5 | N | 1 | NW | 2 | 0·0 | 20·0 |
| 10 | 24·6 | 23·5 | 23·7 | 46·0 | 27·0 | 39·5 | 44·0 | 39·0 | 3 | — | 6 | 1·6 | — | 3·0 | 0 | 0 | 3 | N | 4 | E | 1 | NW | 1 | 0·0 | 20·0 |
| 11 | 25·2 | 23·2 | 24·6 | 43·0 | 25·5 | 36·5 | 42·5 | 32·5 | 4 | 3 | 18 | 1·9 | 2·0 | 6·5 | 0 | 0 | 0 | N | 4 | N | 1 | N | 1 | 0·0 | 20·0 |
| 12 | 25·8 | 24·7 | 24·7 | 40·0 | 26·0 | 33·5 | 39·0 | 34 5 | 10 | 8 | 9 | 4·0 | 4·1 | 3·7 | 0 | 0 | 0 | N | 7 | N | 3 | NW | 1 | 0·0 | 20·0 |
| 13 | 27·1 | 20·2 | 27·2 | 40·0 | 24·5 | 32·5 | 38·0 | 30·0 | 17 | 16 | 23 | 6·2 | 8·0 | 7·1 | 0 | 0 | 0 | N | 5 | NW | 3 | N | 1 | 0·0 | 20·0 |
| 14 | 27·9 | 26·6 | 26·4 | 38·5 | 21·5 | 32·0 | 38·0 | 32 5 | 15 | 19 | 14 | 5·6 | 9·8 | 4·9 | 0 | 0 | 0 | NNW | 4 | W | 1 | NW | 1 | 0·0 | 20·0 |
| 15 | 27·9 | 26·1 | 26 4 | 39·5 | 21·5 | 32·5 | 38·5 | 32·5 | 15 | 6 | 10 | 5·6 | 3·1 | 3·4 | 0 | 1 | 0 | NNW | 4 | NW | 1 | N | 1 | 0·0 | 19·8 |
| 16 | 26·9 | 24·8 | 25·1 | 40·0 | 22·0 | 33·5 | 38·0 | 32·5 | 10 | 13 | 15 | 3·7 | 6·7 | 5·4 | 1 | 2 | 2 | N | 3 | NW | 1 | NW | 1 | 0·0 | 20·0 |
| 17 | 26·6 | 24·4 | 25·0 | 41·0 | 23·5 | 33 5 | 39·5 | 32·0 | 10 | 5 | 15 | 3·7 | 2·7 | 5·6 | 0 | 0 | 0 | NNW | 2 | NW | 1 | SW | 1 | 0·0 | 19·2 |
| 18 | 25·9 | 25·1 | 25·1 | 41·0 | 23·5 | 33·0 | 40·0 | 34·5 | 11 | 15 | 12 | 4·0 | 8·6 | 5·3 | 0 | 0 | 0 | N | 4 | S | 1 | W | 1 | 0·0 | 19·4 |
| 19 | 26 2 | 25·4 | 25·8 | 42·0 | 24·0 | 33·5 | 41·0 | 33·0 | 11 | 8 | 12 | 4·3 | 4·9 | 4·6 | 0 | 1 | 0 | N | 3 | SW | 1 | W | 1 | 0·0 | 20·0 |
| 20 | 26 5 | 25·4 | 25·4 | 42·0 | 24·0 | 33·0 | 41·0 | 36·0 | 12 | 9 | 11 | 4·3 | 5·1 | 4·7 | 0 | 0 | 0 | NW | 3 | N | 1 | SW | 1 | 0·0 | 20·0 |
| 21 | 25·7 | 24·1 | 24·2 | 43·0 | 25·5 | 34·5 | 43·0 | 38·0 | 11 | 11 | 6 | 4·6 | 6·8 | 3·1 | 0 | 3 | 7 | NW | 3 | N | 1 | W | 1 | 0·0 | 20·0 |
| 22 | 23·8 | 22·6 | 22·8 | 45·0 | 29·5 | 37·5 | 44·5 | 38·0 | 9 | 7 | 16 | 4·4 | 5·2 | 8·0 | 5 | 7 | 5 | N | 7 | N | 1 | Calm | 0 | 0·0 | 20·0 |
| 23 | 24·3 | 23·0 | 23·5 | 45·0 | 31·0 | 37·5 | 44·0 | 38·0 | 12 | 9 | 12 | 5·7 | 6·2 | 6·3 | 3 | 7 | 0 | NE | 1 | NE | 1 | E | 1 | 0·0 | 20·0 |
| 24 | 25·7 | 23·7 | 23·8 | 42·0 | 29·5 | 31·0 | 41·0 | 38·0 | 26 | 17 | 16 | 10·2 | 9·9 | 8·0 | 0 | 0 | 0 | S | 5 | W | 1 | SW | 1 | 0·0 | 19·6 |
| 25 | 25·7 | 24·4 | 24·6 | 39·0 | 30·0 | 32·0 | 39·0 | 33·0 | 37 | 22 | 25 | 13·1 | 11·4 | 9·4 | 0 | 0 | 0 | SW | 7 | SW | 3 | E | 1 | 0·0 | 19·6 |
| 26 | 25·9 | 23·7 | 23·8 | 41·5 | 31·0 | 33·5 | 41·5 | 37·0 | 31 | 17 | 19 | 11·9 | 10·0 | 0·0 | 0 | 0 | 0 | SW | 5 | SW | 2 | SW | 2 | 0·0 | 20·0 |
| 27 | 25·5 | 24·7 | 24·7 | 40·5 | 27·5 | 30·5 | 39·0 | 36·5 | 44 | 21 | 16 | 14·1 | 11·0 | 7·3 | 0 | 0 | 0 | SW | 8 | W | 2 | S | 3 | 0·0 | 20·0 |
| 28 | 26·9 | 26·3 | 25·6 | 41·5 | 28·0 | 31·5 | 40·0 | 34·5 | 40 | 15 | 13 | 13·8 | 8·6 | 5·6 | 0 | 0 | 0 | SW | 3 | NW | 1 | NE | 1 | 0·0 | 18·0 |
| 29 | 27·0 | 25·2 | 25·1 | 41·5 | 26·0 | 33·0 | 41·0 | 33·5 | 26 | 9 | 15 | 9·7 | 5·1 | 5·9 | 0 | 0 | 0 | SSW | 3 | NW | 1 | N | 1 | 0·0 | 17·6 |
| 30 | 27·0 | 25·3 | 25·2 | 42·0 | 24·5 | 33·0 | 41·5 | 35·5 | 36 | 16 | 18 | 13·2 | 9·6 | 7·9 | 0 | 4 | 0 | SW | 4 | W | 1 | NW | 1 | 0·0 | 18·2 |
| Month | 26·12 | 24·68 | 24·95 | 41·2 | 24·8 | 33·1 | 40·3 | 33·7 | 16 | 11 | 14 | 5·8 | 6·3 | 5·6 | 0·5 | 0·9 | 0·6 | — | 4·1 | — | 1·3 | — | 1·1 | 0·0 | 19.49 |

Remarks:—

# ATBARA.

$\varphi = 17° 40' 30''$ N. $\lambda = 33° 58' 30''$ E. H = 354·5 m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h$ = + 29 mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATUEE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26·3 | 23·8 | 24·3 | 42·0 | 26·5 | 32·0 | 41·5 | 35·0 | 33 | 13 | 19 | 11·7 | 7·7 | 8·2 | 0 | 0 | 0 | SW | 4 | SW | 1 | S | 1 | 0·0 | 10·3 |
| 2 | 25·9 | 24·5 | 23·7 | 44·0 | 25·0 | 34·0 | 42·0 | 36·5 | 21 | 15 | 25 | 8·5 | 9·3 | 11·5 | 0 | 4 | 7 | SW | 3 | NE | 1 | NW | 1 | 0·0 | 18·2 |
| 3 | 24·6 | 23·0 | 22·9 | 45·0 | 30·0 | 35·5 | 44·0 | 34·5 | 12 | 7 | 21 | 5·0 | 4·8 | 8·5 | 0 | 1 | 0 | N | 7 | NE | 2 | E | 1 | 0·0 | 8·0 |
| 4 | 26·0 | 23·5 | 25·0 | — | 30·0 | 32·5 | 42·0 | 38·5 | 29 | 13 | 18 | 10·7 | 8·0 | 9·5 | 0 | 0 | 1 | SW | 5 | SW | 1 | S | 1 | 0·0 | 20·0 |
| 5 | 26·1 | 25·0 | 24·8 | 41·5 | 31·5 | 33·5 | 41·0 | 38·0 | 31 | 17 | 16 | 11·9 | 10·0 | 8·0 | 0 | 0 | 0 | SSW | 7 | SW | 2 | SW | 1 | 0·0 | 19·6 |
| 6 | 26·0 | 24·6 | 24·2 | 41·0 | 31·0 | 33·0 | 40·5 | 36·0 | 37 | 19 | 20 | 13·6 | 10·7 | 9·3 | 0 | 0 | 0 | SW | 5 | SW | 2 | W | 1 | 0·0 | 20·0 |
| 7 | 26·3 | 24·3 | 22·6 | 42·0 | 27·5 | 31·5 | 41·0 | 35·5 | 37 | 17 | 18 | 12·7 | 9·9 | 7·9 | 0 | 0 | 0 | SSW | 8 | SW | 3 | W | 1 | 0·0 | 20·0 |
| 8 | 26·3 | 23·8 | 22·8 | 42·0 | 27·5 | 33·0 | 41·0 | 35·0 | 29 | 20 | 15 | 10·8 | 11·8 | 6·6 | 0 | 0 | 0 | SSW | 6 | SSW | 1 | W | 1 | 0·0 | 20·0 |
| 9 | 26·0 | 23·6 | 23·3 | 40·5 | 26·0 | 31·5 | 40·0 | 35·0 | 37 | 15 | 17 | 12·7 | 8·6 | 7·2 | 0 | 0 | 0 | SSW | 7 | SW | 3 | W | 1 | 0·0 | 20·0 |
| 10 | 26·7 | 23·8 | 23·0 | — | 27·0 | 32·0 | 41·5 | 34·5 | 40 | 16 | 17 | 14·2 | 9 6 | 6·8 | 0 | 0 | 0 | SSW | 5 | SW | 3 | NE | 5 | 0·0 | 14·6 |
| 11 | 26·8 | 23·1 | 22·6 | — | 27·5 | 29·5 | 39·0 | 32·0 | 47 | 8 | 19 | 14·3 | 4·1 | 6·8 | 0 | 0 | 0 | S | 7 | S | 7 | S | 1 | 0·0 | 20·0 |
| 12 | 26·1 | 24·3 | 24·9 | 40·0 | 28·0 | 31·0 | 40·0 | 36·0 | 43 | 18 | 20 | 14·5 | 10·4 | 9·3 | 0 | 4 | 1 | SSW | 6 | W | 3 | S | 1 | 0·0 | 20·0 |
| 13 | 27·3 | 25·6 | 25·5 | 40·5 | 27·5 | 33·0 | 39·5 | 33·0 | 29 | 20 | 25 | 10·8 | 11·1 | 9·4 | 5 | 5 | 0 | S | 6 | SW | 1 | S | 1 | 0·0 | 19·6 |
| 14 | 26·6 | 24·4 | 24·7 | 43·0 | 28·0 | 35·0 | 43·0 | 37·0 | 24 | 11 | 18 | 10·2 | 7·4 | 8·6 | 0 | 7 | 7 | SW | 5 | SW | 1 | W | 1 | 0·0 | 17·6 |
| 15 | 26·2 | 23·1 | 22·7 | 41·5 | 29·5 | 32·0 | 41·5 | 33·0 | 35 | 14 | 21 | 12·4 | 8·1 | 7·8 | 5 | 0 | 0 | SW | 5 | W | 4 | SW | 5 | 0·0 | 20·0 |
| 16 | 25·9 | 23·4 | 24·0 | 41·0 | 29·5 | 33·5 | 40·5 | 34·0 | 32 | 16 | 13 | 12·2 | 8·9 | 5·6 | 0 | 0 | 3 | SW | 6 | W | 1 | NW | 1 | 0·0 | 20·0 |
| 17 | 28·0 | 25·7 | 25·4 | 39·5 | 25·0 | 30·5 | 39·0 | 33·0 | 44 | 12 | 21 | 14·1 | 6·3 | 7·8 | 3 | 0 | 0 | SSW | 5 | W | 2 | S | 1 | 0·0 | 17·9 |
| 18 | 28·2 | 26·2 | 25·8 | 39·5 | 22·5 | 32·0 | 39·0 | 33·0 | 21 | 8 | 18 | 7·4 | 4·4 | 6·6 | 0 | 0 | 0 | SSW | 2 | SW | 1 | W | 1 | 0·0 | 19·5 |
| 19 | 26·4 | 24·0 | 23·1 | 41·5 | 25·0 | 33·5 | 41·5 | 35·0 | 9 | 5 | 14 | 3·4 | 3·1 | 5·8 | 3 | 1 | 0 | NW | 2 | W | 3 | SW | 1 | 0·0 | 17·8 |
| 20 | 24·4 | 22·9 | 23·1 | 41·0 | 27·5 | 31·5 | 41·0 | 32·5 | 35 | 8 | 19 | 12·0 | 4·6 | 7·1 | 2 | 2 | 0 | SSW | 6 | SW | 2 | SW | 1 | 0·0 | 20·0 |
| 21 | 26·6 | 23·6 | 23.7 | 41·0 | 26·5 | 31·0 | 39·5 | 34·0 | 40 | 16 | 13 | 13·4 | 8·9 | 5·6 | 2 | 5 | 0 | SSW | 7 | SW | 3 | S | 2 | 0·0 | 20·0 |
| 22 | 26·6 | 24·1 | 24·8 | 40·5 | 27·5 | 32·0 | 40·0 | 34·0 | 37 | 22 | 27 | 13·1 | 12·3 | 10·5 | 2 | 3 | 8 | SSW | 6 | SSW | 1 | S | 4 | 0·0 | 20·0 |
| 23 | 26·5 | 24·1 | 23.1 | 40·5 | 26·0 | 33·0 | 40·0 | 34·0 | 34 | 15 | 22 | 12·9 | 8·6 | 8·8 | 0 | 5 | 6 | SSW | 4 | SW | 1 | W | 2 | 0·0 | 20·0 |
| 24 | 25·3 | 23·5 | 24·2 | 40·0 | 26·0 | 31·5 | 39·5 | 32·5 | 38 | 16 | 31 | 13·1 | 8·9 | 11·4 | 0 | 5 | 0 | SSW | 5 | S | 2 | S | 6 | 0·0 | 19·6 |
| 25 | 26·5 | 24·2 | 23·0 | 40·0 | 28·0 | 31·5 | 40·0 | 32·0 | 43 | 22 | 24 | 14·9 | 12·3 | 8·4 | 0 | 4 | 0 | S | 3 | SW | 1 | S | 3 | 0 0 | 20·0 |
| 26 | 27·2 | 24·1 | 25·1 | 39·5 | 26·0 | 31·5 | 39·0 | 34·5 | 43 | 24 | 29 | 14·9 | 12·9 | 12·0 | 0 | 5 | 3 | SSW | 3 | W | 1 | SE | 1 | 0·0 | 19·5 |
| 27 | 27·3 | 24·8 | 24·0 | 40·0 | 26·5 | 33·0 | 39·5 | 34·5 | 23 | 11 | 21 | 8·4 | 5·8 | 8·5 | 0 | 1 | 0 | W | 3 | SW | 1 | W | 1 | 0·0 | 18·0 |
| 28 | 26·1 | 24·5 | 24·2 | 40·5 | 21·0 | 30·5 | 40·0 | 33·0 | 40 | 12 | 16 | 13·0 | 6·8 | 6·2 | 0 | 0 | 2 | SSW | 3 | W | 1 | NW | 1 | 0·0 | 16·6 |
| 29 | 26·7 | 23·9 | 23·4 | 40·0 | 23·5 | 30·5 | 39·5 | 33·0 | 45 | 13 | 25 | 14·4 | 7·1 | 9·4 | 0 | 0 | 0 | SSW | 5 | W | 1 | SW | 1 | 0·0 | 20·0 |
| 30 | 27·1 | 24·5 | 25·4 | 40·5 | 23·0 | 32·0 | 40·0 | 34·5 | 13 | 18 | 12 | 4·6 | 10·4 | 5·3 | 0 | 0 | 0 | N | 2 | W | 1 | W | 1 | 0·0 | 19·8 |
| 31 | 27·5 | 25·1 | 24·8 | 39·5 | 24·0 | 30·5 | 39·5 | 37·5 | 44 | 13 | 11 | 14·1 | 7·1 | 5·0 | 0 | 0 | 0 | SW | 5 | W | 1 | W | 1 | 0·0 | 20·0 |
| Month | 26·44 | 24·16 | 24·00 | 41·0 | 26·8 | 32·2 | 40·5 | 34·5 | 33 | 15 | 20 | 11·6 | 8·4 | 8·0 | 0·7 | 1·7 | 1·2 | — | 4·9 | — | 1·9 | — | 1·6 | 0·0 | 18·60 |

**Remarks:—**

$C_h$ = + 29 mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATUEE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27·4 | 24·4 | 25·2 | 39·5 | 23·0 | 32·0 | 39·5 | 32·5 | 32 | 13 | 27 | 11·4 | 7·1 | 9·7 | 0 | 0 | 0 | WSW | 3 | NW | 1 | W | 1 | 0·0 | 20·0 |
| 2 | 27·2 | 24·5 | 25·0 | 39·0 | 22·0 | 30·0 | 38·0 | 32·5 | 39 | 14 | 27 | 12·3 | 6·8 | 9·7 | 0 | 1 | 0 | SW | 2 | W | 1 | W | 1 | 0·0 | 18·2 |
| 3 | 26·5 | 24·0 | 24·6 | 40·5 | 23·0 | 33·0 | 40·0 | 33·0 | 24 | 10 | 25 | 9·1 | 5·5 | 9·4 | 0 | 0 | 2 | SSW | 4 | SW | 5 | SW | 1 | 0·0 | 18·2 |
| 4 | 27·4 | 24·8 | 24·5 | 40·5 | 26·0 | 33·5 | 39·5 | 36·5 | 34 | 15 | 21 | 12·9 | 8·2 | 9.7 | 3 | 3 | 8 | SSW | 4 | SSW | 2 | S | 1 | 0·0 | 19·8 |
| 5 | 27·4 | 25·7 | 25·2 | 39·5 | 27·0 | 30·0 | 39·0 | 34·0 | 48 | 18 | 27 | 15·1 | 9·5 | 10·8 | 9 | 3 | 0 | SSW | 6 | SW | 4 | SW | 1 | 0·0 | 20·0 |
| 6 | 27·4 | 24·9 | 25·5 | 40·0 | 27·0 | 31·5 | 38·5 | 33·0 | 42 | 16 | 30 | 14·5 | 8·4 | 11·1 | 0 | 3 | 8 | SW | 4 | SW | 1 | S | 1 | 0·0 | 20·0 |
| 7 | 26·6 | 24·1 | 24·5 | 41·0 | 26·5 | 33·0 | 40·0 | 32·0 | 16 | 12 | 33 | 5·9 | 6·8 | 11·7 | 0 | 3 | 0 | SW | 1 | SW | 1 | SE | 7 | 0·0 | 18·2 |
| 8 | 26·6 | 25·2 | 24·8 | 39·5 | 25·5 | 30·5 | 39·0 | 33·0 | 44 | 12 | 23 | 14·1 | 6·4 | 8·4 | 3 | 0 | 3 | SSW | 5 | W | 1 | SW | 3 | 0·0 | 20·0 |
| 9 | 25·8 | 23·8 | 25·0 | 39·5 | 25 0 | 30·5 | 39·0 | 33·5 | 47 | 12 | 20 | 15·2 | 6·4 | 7·8 | 0 | 1 | 7 | S | 3 | W | 1 | SE | 4 | 0·0 | 19·5 |
| 10 | 27·0 | 24·8 | 24·5 | 39·5 | 25·0 | 31·0 | 38·5 | 32·0 | 44 | 18 | 28 | 14·8 | 9·5 | 10·0 | 0 | 3 | 8 | SSW | 6 | S | 1 | S | 1 | 0·0 | 17·1 |
| 11 | 27·6 | 25·8 | 26·5 | 39·0 | 27·5 | 32·0 | 38·0 | 33·5 | 42 | 21 | 29 | 15·0 | 10·3 | 11·3 | 0 | 5 | 2 | SSW | 4 | S | 1 | SW | 1 | 0·0 | 17·7 |
| 12 | 27·5 | 25·0 | 25·5 | 40·5 | 26·5 | 32·5 | 39·5 | 33·5 | 38 | 16 | 28 | 13·9 | 8·9 | 10·8 | 1 | 5 | 4 | SSW | 1 | S | 2 | SW | 1 | 0·0 | 17·8 |
| 13 | 28·0 | 25.4 | 25·8 | 38·5 | 23·0 | 31·5 | 38·0 | 33·5 | 41 | 17 | 33 | 14·2 | 8·6 | 12·6 | 5 | 4 | 3 | SSW | 5 | SE | 1 | SE | 2 | 0·0 | 19·4 |
| 14 | 27·7 | 24·1 | 25·0 | 39·5 | 25·0 | 31·0 | 39·0 | 32·5 | 52 | 17 | 31 | 17·5 | 9·2 | 11·4 | 3 | 6 | 2 | SSW | 4 | NW | 1 | W | 1 | 0·0 | 17·5 |
| 15 | 26·7 | 24·5 | 25·3 | 38·5 | 23·0 | 27·5 | 38·0 | 32·5 | 52 | 17 | 37 | 14·1 | 8·6 | 13·6 | 5 | 5 | 0 | SW | 5 | SW | 1 | S | 2 | 0·0 | 15·2 |
| 16 | 27·3 | 24·7 | 25·4 | 39·0 | 25·0 | 29·5 | 37·5 | 33·5 | 53 | 21 | 33 | 16·1 | 10·1 | 12·6 | 0 | 0 | 3 | SSW | 4 | W | 1 | SW | 1 | 0·0 | 16·8 |
| 17 | 27·6 | 25·4 | 25·2 | 41·5 | 28·0 | 31·5 | 40·0 | 33·5 | 46 | 19 | 30 | 15·6 | 10·8 | 11·5 | 0 | 2 | 0 | SSW | 5 | NW | 1 | NW | 1 | 0·0 | 15·8 |
| 18 | 26·4 | 24·7 | 25·1 | 43·5 | 26·5 | 34·0 | 42·5 | 36·0 | 33 | 14 | 22 | 13·0 | 9·0 | 10·0 | 0 | 2 | 0 | SW | 5 | NW | 1 | NW | 1 | 0·0 | 19·8 |
| 19 | 25·5 | 23·6 | 23·4 | 42·5 | 28·0 | 32·5 | 42·0 | 37·0 | 35 | 13 | 16 | 12·8 | 7·8 | 7·6 | 0 | 0 | 3 | SSW | 5 | NW | 1 | NE | 1 | 0·0 | 20·0 |
| 20 | 25·3 | 22·8 | 22·8 | 42·0 | 26·5 | 34·0 | 41·5 | 36·5 | 19 | 17 | 13 | 7·5 | 10·0 | 6·0 | 0 | 0 | 7 | W | 3 | SW | 1 | NW | 1 | 0·0 | 20·0 |
| 21 | 25·5 | 26·0 | 26·2 | 40·5 | 26·0 | 30·5 | 38·0 | 35·0 | 44 | 21 | 31 | 14·1 | 10·5 | 13·1 | 3 | 4 | 1 | SSW | 4 | S | 5 | NW | 2 | 0·0 | — |
| 22 | — | 25·6 | 26·1 | 41·0 | — | — | 39·5 | 35·0 | — | 20 | 32 | — | 10·7 | 13·5 | — | 0 | 0 | — | — | SW | 1 | S | 1 | 0·0 | 20·0 |
| 23 | 27·4 | 25·1 | 24·4 | 42·0 | 26·0 | 33·5 | 40·5 | 33·0 | 36 | 9 | 27 | 14·0 | 4·9 | 10·1 | 3 | 5 | 4 | SW | 4 | NW | 1 | Calm | 0 | 0·0 | 19·4 |
| 24 | 25·4 | 23·0 | 23·6 | 43·5 | 24·5 | 33·5 | 42·5 | 37·0 | 11 | 11 | 16 | 4·3 | 7·1 | 7·6 | 0 | 0 | 0 | WNW | 2 | W | 1 | E | 1 | 0·0 | 20·0 |
| 25 | 25·1 | 24·0 | 24·8 | 41·5 | 28·5 | 32·0 | 41·0 | 36·5 | 41 | 20 | 24 | 14·6 | 11·8 | 11·3 | 3 | 0 | 4 | S | 7 | S | 1 | SW | 3 | 0·0 | 20·0 |
| 26 | 27·0 | 25·5 | 26·0 | 40·5 | 27·0 | 31·0 | 40·0 | 36·0 | 50 | 15 | 20 | 16·7 | 8·7 | 9·3 | 1 | 0 | 0 | SSW | 6 | S | 2 | S | 1 | 0·0 | 19·2 |
| 27 | 28·1 | 25·8 | 25·8 | 40·5 | 27·5 | 31·0 | 40·0 | 33·0 | 45 | 18 | 31 | 15·2 | 10·4 | 11·6 | 3 | 2 | 5 | SSW | 4 | Calm | 0 | SW | 1 | 0·0 | 20·0 |
| 28 | 27·5 | 25·9 | 25·8 | 39·5 | 26·0 | 32·0 | 39·0 | 33·0 | 34 | 22 | 34 | 12·1 | 11·4 | 12·9 | 0 | 3 | 2 | W | 3 | S | 2 | W | 1 | 0·0 | 20·0 |
| 29 | 28·2 | 25·8 | 26·3 | 39·5 | 26·0 | 31·0 | 38·5 | 31·0 | 47 | 23 | 39 | 15·6 | 11·9 | 12·9 | 5 | 5 | 1 | SW | 3 | NW | 1 | W | 1 | 0·0 | 19·0 |
| 30 | 27·2 | 24·0 | 24 8 | 42·5 | 25·0 | 30·5 | 42·0 | 33·0 | 41 | 12 | 32 | 13·4 | 7·4 | 11·8 | 0 | 3 | 0 | SW | 4 | NNW | 3 | N | 1 | 0·0 | 20·0 |
| 31 | 26·2 | 24·2 | 25·3 | 44·0 | 25·0 | 32·0 | 43·0 | 37·0 | 17 | 14 | 14 | 6·2 | 9·2 | 6·9 | 0 | 5 | 1 | N | 3 | NE | 1 | NE | 1 | 0·0 | 20·0 |
| Month | 26·88 | 24·75 | 25·09 | 40·6 | 25·7 | 31·6 | 39·7 | 34·0 | 38 | 16 | 27 | 13·0 | 8·8 | 10·5 | 1·6 | 2·4 | 2·5 | — | 4·0 | — | 1·5 | — | 1·5 | 0·0 | 18·95 |

**Remarks:—**

# ATBARA.

$\varphi = 17° 40' 30''$ N. $\lambda = 33° 58' 30''$ E. H = 354·5 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m.

$C_h$ = + 29 mm. **September 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26·0 | 24·0 | 24·4 | 42·5 | 29·0 | 34·5 | 42·0 | 36·0 | 18 | 10 | 18 | 7·2 | 6·0 | 8·1 | 1 | 6 | 5 | N | 3 | NW | 1 | N | 3 | 0·0 | 20·0 |
| 2 | 26·4 | 23·6 | 24·9 | 40·5 | 28·0 | 34·0 | 39·5 | 33·0 | 13 | 8 | 30 | 5·6 | 4·5 | 11·1 | 3 | 7 | 5 | NW | 2 | NW | 2 | SE | 6 | 0·0 | 20·0 |
| 3 | 26·5 | 24·6 | 24·5 | 40·5 | 25·5 | 31·0 | 40·0 | 34·5 | 38 | 19 | 21 | 12·7 | 10·8 | 8·5 | 0 | 0 | 0 | SW | 4 | W | 2 | N | 1 | 0·0 | 20·0 |
| 4 | 26·0 | 24·2 | 24·8 | 42·0 | 27·5 | 32·5 | 41·5 | 37·5 | 16 | 11 | 14 | 5·9 | 6·3 | 6·6 | 0 | 2 | 8 | NW | 2 | NE | 2 | NE | 1 | 0·0 | 20·0 |
| 5 | 25·8 | 24·2 | 24·3 | 40·5 | 30·0 | 32·5 | 40·0 | 35·0 | 34 | 16 | 20 | 12·5 | 8·9 | 8·7 | 7 | 4 | 0 | SSW | 4 | SW | 2 | S | 1 | 0·0 | 20·0 |
| 6 | 26·5 | 24·8 | 25·7 | 40·5 | 25·0 | 33·0 | 40·0 | 33·0 | 37 | 15 | 31 | 14·0 | 8·6 | 11·6 | 1 | 4 | 1 | SW | 6 | SW | 1 | NW | 1 | 0·0 | 19·6 |
| 7 | 27·4 | 24·8 | 25·4 | 40·5 | 27·0 | 32·5 | 39·5 | 33·5 | 35 | 24 | 34 | 12·8 | 13·0 | 12·9 | 3 | 6 | 9 | SSW | 3 | W | 1 | SW | 1 | 0·0 | 16·2 |
| 8 | 26·5 | 24·9 | 26·0 | 40·5 | 25·5 | 34·5 | 39·5 | 31·5 | 29 | 17 | 40 | 12·0 | 9·6 | 13·8 | 0 | 7 | 10 | W | 2 | NW | 1 | SW | 1 | 0·0 | 18·8 |
| 9 | 27·9 | 25·3 | 25·4 | 40·0 | 24·0 | 29·5 | 39·0 | 35·5 | 46 | 22 | 27 | 14·0 | 11·4 | 11·3 | 3 | 3 | 0 | SSW | 3 | NW | 1 | NW | 1 | 0·0 | 20·0 |
| 10 | 26·4 | 23·8 | 24·2 | 42·0 | 27·5 | 33·5 | 41·5 | 36·0 | 35 | 16 | 27 | 13·3 | 9·6 | 11·6 | 0 | 2 | 1 | SW | 4 | SE | 1 | SW | 1 | 0·0 | 20·0 |
| 11 | 27·0 | 24·3 | 25·2 | 41·5 | 28.5 | 34·0 | 41·0 | 35·0 | 35 | 21 | 24 | 13·7 | 12·2 | 10·2 | 0 | 5 | 5 | SW | 4 | SW | 1 | NW | 3 | 0·0 | 20·0 |
| 12 | 25·9 | 24·3 | 24·6 | 41·5 | 26·0 | 34·5 | 40·5 | 36·5 | 35 | 19 | 17 | 14·2 | 10·6 | 7·9 | 0 | 1 | 2 | W | 1 | Calm | 0 | SE | 1 | 0·0 | 17·5 |
| 13 | 26·2 | 23·8 | 24·7 | 43·5 | 27·5 | 34·5 | 43·0 | 37·5 | 24 | 12 | 18 | 9·8 | 7·5 | 8·7 | 0 | 5 | 3 | ENE | 2 | NE | 1 | SE | 1 | 0·0 | 18·2 |
| 14 | 26·4 | 24·6 | 24·5 | 43·5 | 28·5 | 34·0 | 42·5 | 37·5 | 36 | 17 | 22 | 14·1 | 10·9 | 10·5 | 0 | 3 | 5 | SW | 2 | SE | 1 | SE | 1 | 0·0 | 17·6 |
| 15 | 26·3 | 24·3 | 25·3 | 44·0 | 26·5 | 37·0 | 43·0 | 34·0 | 20 | 14 | 36 | 9·3 | 9·0 | 14·1 | 2 | 6 | 2 | ENE | 3 | SE | 1 | E | 1 | 0·0 | 19·6 |
| 16 | 26·6 | 23·8 | 24·1 | 43·0 | 26·0 | 34·0 | 42·5 | 37·0 | 30 | 12 | 19 | 11·9 | 7·7 | 9·2 | 0 | 2 | 3 | SW | 5 | N | 1 | SW | 1 | 0·0 | 20·0 |
| 17 | 25·2 | 23·1 | 23·7 | 43·0 | 30·0 | 36·5 | 42·5 | 38·0 | 26 | 14 | 14 | 11·8 | 9·0 | 6·8 | 0 | 8 | 8 | SW | 4 | SW | 1 | SE | 2 | 0·0 | 20·0 |
| 18 | 26·4 | 24·9 | 26·0 | 39·5 | 27·0 | 32·0 | 39·5 | 34·0 | 37 | 20 | 27 | 13·1 | 10·7 | 10·8 | 5 | 0 | 1 | SW | 4 | SW | 1 | Calm | 0 | 0·0 | 20·0 |
| 19 | 26·7 | 24·8 | 25·6 | 42·0 | 26·5 | 33·5 | 41·0 | 35·0 | 30 | 16 | 24 | 11·5 | 9·3 | 9.9 | 0 | 5 | 3 | SSW | 1 | NE | 1 | SW | 1 | 0·0 | 17·2 |
| 20 | 27·2 | 25·0 | 26·1 | 43·0 | 28·0 | 35·0 | 41·5 | 36·0 | 24 | 17 | 13 | 9·9 | 10·1 | 5·9 | 0 | 5 | 1 | ENE | 1 | SE | 1 | SE | 2 | 0·0 | 20·0 |
| 21 | 26·7 | 24·7 | 25·7 | 42·5 | 26·5 | 34·0 | 42·0 | 35·0 | 19 | 10 | 16 | 7·5 | 6·0 | 7·0 | 0 | 0 | 0 | ESE | 3 | SE | 2 | SE | 1 | 0·0 | 20·0 |
| 22 | 26·3 | 23·1 | 24·5 | 43·5 | 27·5 | 34·0 | 42·5 | 34·5 | 20 | 11 | 21 | 7·8 | 7·1 | 8·5 | 0 | 5 | 7 | SE | 3 | SE | 1 | SE | 1 | 0·0 | 20·0 |
| 23 | 25·6 | 23·7 | 24·0 | 43·0 | 25·5 | 36·0 | 42·5 | 34·0 | 27 | 9 | 22 | 11·8 | 5·7 | 8·8 | 0 | 3 | 0 | SW | 3 | SE | 1 | Calm | 0 | 0·0 | 19·4 |
| 24 | 27·7 | 25·4 | 26·4 | 41·5 | 27·0 | 31·0 | 41·0 | 34·0 | 41 | 11 | 22 | 13·8 | 6·3 | 8·8 | 0 | 2 | 0 | SSW | 4 | SE | 3 | SE | 1 | 0·0 | 17·5 |
| 25 | 27·8 | 24·5 | 26·0 | 42·5 | 26·0 | 33·0 | 41·5 | 35·0 | 30 | 13 | 20 | 11·1 | 7·7 | 8·7 | 0 | 0 | 0 | SE | 1 | SE | 1 | SE | 1 | 0·0 | 7·0 |
| 26 | 26·9 | 23·9 | 24·9 | 43·0 | 27·0 | 33·5 | 42·0 | 33·5 | 25 | 9 | 21 | 9·4 | 5·7 | 8·1 | 0 | 4 | 0 | SE | 3 | SW | 1 | Calm | 0 | 0·0 | 6·5 |
| 27 | 26·9 | 24·6 | 24·9 | 42·0 | 25·0 | 33·5 | 41·0 | 34·0 | 19 | 17 | 27 | 7·5 | 9·9 | 10·8 | 0 | 2 | 0 | E | 2 | Calm | 0 | N | 1 | 0·0 | 4·0 |
| 28 | 27·8 | 24·7 | 25·4 | 42·5 | 26·0 | 33·0 | 42·5 | 35·5 | 23 | 10 | 18 | 8·4 | 6·0 | 7·9 | 0 | 0 | 0 | NE | 3 | E | 3 | SE | 1 | 0·0 | 12·5 |
| 29 | 27·5 | 24·3 | 24·0 | 41·5 | 26·0 | 31·0 | 41·0 | 34·5 | 30 | 14 | 18 | 10·0 | 8·4 | 7·5 | 0 | 1 | 0 | E | 3 | E | 3 | E | 1 | 0·0 | 7·5 |
| 30 | 26·5 | 23·7 | 24·1 | 40·5 | 24·0 | 33·0 | 40·0 | 33·0 | 16 | 12 | 25 | 6·2 | 6·8 | 9·4 | 0 | 0 | 0 | NE | 3 | S | 1 | Calm | 0 | 0·0 | 16·6 |
| Month | 26·63 | 24·32 | 25·00 | 41·9 | 26·8 | 33·5 | 41·2 | 35·0 | 28 | 15 | 23 | 10·8 | 8·5 | 9·5 | 0·8 | 3·3 | 2·6 | — | 2·9 | — | 1·3 | — | 1·2 | 0·0 | 17·19 |

**Remarks:—**

$C_h$ = + 29 mm. **October 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25·5 | 23·1 | 24·4 | 41·5 | 22·0 | 35·0 | 40·5 | 33·0 | 26 | 13 | 23 | 10·6 | 7·3 | 8·4 | 2 | 4 | 0 | S | 3 | NE | 1 | NE | 1 | 0·0 | 14·6 |
| 2 | 27·8 | 25·4 | 24·9 | 41.0 | 24·0 | 32·0 | 40·0 | 31·5 | 21 | 7 | 32 | 7·4 | 4·0 | 11·0 | 0 | 1 | 0 | SW | 1 | NE | 1 | N | 1 | 0·0 | 20·0 |
| 3 | 28·4 | 25·5 | 25·7 | 39·5 | 26·0 | 33·0 | 37·5 | 34·5 | 38 | 17 | 22 | 14·3 | 8·3 | 9·2 | 1 | 0 | 0 | SE | 2 | E | 1 | E | 1 | 0·0 | 16·4 |
| 4 | 27·9 | 25·3 | 25·7 | 40·0 | 27·0 | 36·0 | 40·0 | 33·0 | 16 | 11 | 21 | 7·2 | 5·8 | 7·8 | 0 | 0 | 0 | E | 3 | NE | 1 | Calm | 0 | 0·0 | 21·0 |
| 5 | 27·9 | 24·3 | 24·9 | 40·5 | 23·0 | 32·0 | 39·5 | 33·5 | 19 | 12 | 21 | 6·8 | 6·2 | 8·3 | 0 | 3 | 5 | N | 3 | NE | 2 | NNE | 1 | 0·0 | 21·0 |
| 6 | 27·5 | 23·5 | 25·0 | 39·5 | 26·0 | 32·5 | 39·5 | 35·0 | 28 | 16 | 24 | 10·0 | 8·9 | 9·9 | 0 | 3 | 1 | E | 4 | E | 1 | E | 1 | 0·0 | 17·6 |
| 7 | 27·3 | 24·2 | 25·1 | 40·5 | 24·0 | 34·0 | 40·0 | 32·5 | 21 | 12 | 27 | 8·5 | 6·8 | 9·7 | 0 | 3 | 0 | ENE | 1 | Calm | 0 | NE | 1 | 0·0 | 19·0 |
| 8 | 27·1 | 23·8 | 24·6 | 41·0 | 24·0 | 33·0 | 41·0 | 35·0 | 32 | 11 | 16 | 11·8 | 6·3 | 6·9 | 0 | 5 | 3 | SE | 1 | S | 1 | Calm | 0 | 0·0 | 18·7 |
| 9 | 27·2 | 24·2 | 25·2 | 41·5 | 28·0 | 33·0 | 40·0 | 35·5 | 30 | 13 | 18 | 11·1 | 7·3 | 7.9 | 1 | 0 | 3 | S | 3 | NE | 1 | ENE | 1 | 0·0 | 18·2 |
| 10 | 26·9 | 24·4 | 25·4 | 41·0 | 26·0 | 34·5 | 40·0 | 35·0 | 21 | 9 | 16 | 8·8 | 5·2 | 7·0 | 0 | 4 | 0 | SE | 3 | NW | 1 | SSE | 1 | 0·0 | 22·0 |
| 11 | 28·0 | 24·6 | 25·7 | 41·5 | 25·0 | 30·5 | 41·0 | 34·0 | 26 | 9 | 20 | 8·5 | 5·1 | 7·8 | 0 | 0 | 0 | S | 2 | NW | 1 | N | 1 | 0·0 | 19·0 |
| 12 | 28·1 | 23·8 | 25·6 | 41·5 | 24·0 | 31·5 | 41·5 | 34·5 | 21 | 13 | 13 | 7·1 | 7·7 | 5·7 | 0 | 0 | 0 | SE | 3 | S | 1 | Calm | 0 | 0·0 | 20·0 |
| 13 | 28·0 | 25·8 | 26·6 | 40·5 | 24·0 | 32·5 | 40·0 | 31·5 | 18 | 9 | 16 | 6·5 | 5·2 | 5·6 | 0 | 0 | 0 | E | 3 | Calm | 0 | N | 1 | 0·0 | 20·0 |
| 14 | 28·6 | 24·8 | 25·9 | 39·0 | 23·0 | 29·0 | 38·9 | 33·0 | 21 | 8 | 13 | 6·2 | 4·2 | 5·1 | 0 | 0 | 0 | S | 4 | NW | 1 | Calm | 0 | 0·0 | 19·3 |
| 15 | 28·7 | 23·5 | 26·2 | 39·5 | 24·0 | 31·0 | 39·0 | 31·0 | 25 | 11 | 17 | 8·3 | 5·8 | 5·9 | 0 | 0 | 0 | N | 3 | NE | 1 | N | 1 | 0·0 | 22·0 |
| 16 | 29·2 | 25·8 | 26·7 | 40·0 | 24·0 | 32·5 | 39·0 | 31·5 | 19 | 9 | 22 | 7·1 | 4·8 | 7·4 | 0 | 0 | 0 | NE | 3 | N | 1 | Calm | 0 | 0·0 | 19·8 |
| 17 | 29·0 | 26·1 | 26·8 | 39·5 | 23·0 | 32·5 | 39·5 | 31·5 | 25 | 13 | 30 | 9·0 | 7·1 | 10·3 | 0 | 0 | 0 | NE | 2 | NE | 1 | N | 1 | 0·0 | 14·7 |
| 18 | 27·9 | 25·4 | 26·5 | 40·5 | 24·0 | 31·5 | 40·0 | 32·0 | 30 | 12 | 34 | 10·3 | 6·8 | 12·1 | 2 | 3 | 2 | NE | 2 | NE | 1 | Calm | 0 | 0·0 | 15·5 |
| 19 | 28·3 | 25·4 | 25·1 | 40·0 | 23·0 | 31·0 | 40·0 | 30·0 | 23 | 7 | 18 | 7·7 | 3·8 | 5·6 | 0 | 0 | 0 | NE | 3 | NE | 2 | N | 1 | 0·0 | 22·0 |
| 20 | 28·4 | 25·7 | 26·2 | 38·5 | 22·0 | 30·5 | 38·0 | 31·5 | 20 | 16 | 30 | 6·5 | 8·0 | 10·3 | 0 | 0 | 0 | NE | 3 | N | 1 | NNW | 1 | 0·0 | 19·8 |
| 21 | 29·0 | 26·1 | 27·0 | 39·0 | 24·0 | 30·5 | 38·5 | 32·5 | 41 | 26 | 31 | 13.4 | 13·2 | 11·4 | 0 | 0 | 0 | NE | 2 | Calm | 0 | N | 1 | 0·0 | 15·7 |
| 22 | 29·3 | 25·7 | 26·1 | 39·5 | 24·0 | 31·5 | 39·0 | 33·0 | 44 | 21 | 25 | 15·3 | 11·0 | 9·4 | 0 | 0 | 0 | E | 1 | NE | 2 | N | 2 | 0·0 | 19·0 |
| 23 | 28·7 | 25·6 | 26·2 | 40·0 | 25·0 | 33·5 | 39·5 | 33·4 | 27 | 16 | 22 | 10·5 | 8·9 | 8·5 | 0 | 0 | 0 | NE | 3 | NE | 1 | N | 2 | 0·0 | 21·0 |
| 24 | 29·5 | 26·2 | 27·5 | 38·5 | 24·0 | 31·5 | 38·0 | 31·0 | 26 | 12 | 32 | 9·0 | 6·3 | 10·6 | 0 | 0 | 0 | NNE | 4 | NE | 1 | N | 1 | 0·0 | 21·5 |
| 25 | 29·7 | 26·8 | 27·9 | 38·5 | 22·0 | 28·0 | 36·0 | 29·5 | 26 | 17 | 32 | 7·4 | 7·6 | 9·9 | 0 | 0 | 0 | N | 2 | N | 2 | N | 1 | 0·0 | 22·0 |
| 26 | 29·5 | 26·4 | 27·9 | 35·5 | 21·0 | 27·5 | 35·0 | 30·5 | 18 | 19 | 24 | 4·8 | 8·2 | 7·7 | 0 | 0 | 0 | N | 4 | N | 1 | NW | 1 | 0·0 | 22·0 |
| 27 | 29·8 | 27·6 | 27·7 | 34·5 | 21·0 | 27·8 | 34·5 | 28·0 | 18 | 17 | 22 | 4·9 | 7·0 | 6·2 | 0 | 1 | 0 | N | 4 | NW | 2 | N | 1 | 0·0 | 22·0 |
| 28 | 29·7 | 26·6 | 28·3 | 34·0 | 21·0 | 27·0 | 34·0 | 27·5 | 17 | 13 | 31 | 4·6 | 5·6 | 8·3 | 0 | 0 | 0 | NNW | 4 | NNW | 1 | Calm | 0 | 0·0 | 22·0 |
| 29 | 30·8 | 28·1 | 26·8 | 33·0 | 20·0 | 25·0 | 33·0 | 27·0 | 16 | 12 | 15 | 3·6 | 4·8 | 4·0 | 0 | 0 | 0 | N | 4 | NW | 2 | NW | 1 | 0·0 | 22·0 |
| 30 | 29·7 | 26·9 | 25·6 | 34·0 | 18·0 | 25·0 | 33·5 | 27·5 | 16 | 20 | 30 | 3·6 | 7·6 | 8·0 | 0 | 0 | 0 | N | 3 | N | 2 | N | 1 | 0·0 | 26·9 |
| 31 | 28·6 | 26·1 | 25·8 | 34·0 | 20·0 | 29·0 | 33·0 | 27·0 | 26 | 12 | 35 | 7·7 | 4·6 | 9·2 | 0 | 0 | 0 | N | 4 | N | 1 | N | 1 | 0·0 | 15·7 |
| Month | 28·44 | 25·38 | 26·10 | 38·9 | 23·4 | 31·1 | 38·4 | 31·8 | 24 | 13 | 24 | 8·3 | 6·8 | 8·2 | 0·2 | 0·9 | 0·5 | — | 2·8 | — | 1·1 | — | 0·8 | 0·0 | 19·69 |

**Remarks:—**

# ATBARA.

$\varphi = 17° 40' 30''$ N. $\lambda = 33° 58' 30''$ E. H = 354·5 m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h$ = + 30 mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 28·5 | 26·2 | 28·0 | 35·0 | 18·0 | 26·5 | 35·0 | 27·5 | 28 | 19 | 26 | 7·1 | 8·2 | 7·0 | 0 | 0 | 0 | NNW | 3 | NW | 1 | N | 1 | 0·0 | 24·7 |
| 2 | 29·5 | 27·5 | 27·2 | 35·5 | 20·0 | 25·5 | 35·0 | 26·0 | 25 | 16 | 33 | 6·0 | 7·0 | 8·0 | 0 | 0 | 0 | N | 3 | NNW | 1 | NW | 1 | 0·0 | 21·0 |
| 3 | 29·1 | 26·8 | 28·3 | 35·0 | 20·0 | 26·0 | 35·0 | 27·5 | 28 | 20 | 32 | 6·9 | 8·3 | 8·5 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 10·2 |
| 4 | 29·3 | 27·1 | 26·6 | 34·0 | 20·0 | 24·5 | 34·0 | 26·0 | 26 | 19 | 24 | 5·8 | 7·5 | 6·0 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 23·9 |
| 5 | 29·8 | 27·6 | 29·6 | 32·0 | 18·0 | 24·0 | 32·0 | 25·0 | 19 | 16 | 18 | 4·2 | 5·9 | 4·3 | 0 | 0 | 0 | N | 4 | NW | 2 | NW | 1 | 0·0 | 22·3 |
| 6 | 30·7 | 28·0 | 27·7 | 30·0 | 16·0 | 22·0 | 30·0 | 25·0 | 26 | 16 | 22 | 5·2 | 5·0 | 5·2 | 1 | 0 | 0 | N | 3 | N | 1 | N | 1 | 0·0 | 23·3 |
| 7 | 31·8 | 28·3 | 29·4 | 31·5 | 16·0 | 23·0 | 31·0 | 24·0 | 24 | 23 | 27 | 4·8 | 7·7 | 6·1 | 1 | 0 | 0 | N | 3 | NE | 1 | Calm | 0 | 0·0 | 19·6 |
| 8 | 30·6 | 27·2 | 29·0 | 35·0 | 18·0 | 25·0 | 33·5 | 26·0 | 36 | 25 | 38 | 8·3 | 9·6 | 9·2 | 0 | 0 | 0 | N | 2 | NNW | 1 | NW | 1 | 0·0 | 14·0 |
| 9 | 30·2 | 27·8 | 29·3 | 34·0 | 19·0 | 25·0 | 34·0 | 27·5 | 39 | 19 | 36 | 9·2 | 7·6 | 9·9 | 0 | 0 | 0 | N | 2 | NE | 1 | Calm | 0 | 0·0 | 17·0 |
| 10 | 29·8 | 26·6 | 28·2 | 34·5 | 19·0 | 24·5 | 34·0 | 24·0 | 32 | 22 | 42 | 7·3 | 8·8 | 9·2 | 0 | 0 | 0 | NW | 2 | Calm | 0 | Calm | 0 | 0·0 | 23·5 |
| 11 | 29·1 | 25·7 | 27·0 | 34·0 | 21·0 | 24·5 | 33·5 | 28·5 | 30 | 24 | 39 | 6·9 | 9·1 | 11·2 | 0 | 0 | 0 | N | 1 | NNW | 1 | N | 1 | 0·0 | 23·5 |
| 12 | 28·2 | 26·1 | 25·4 | 34·0 | 24·0 | 27·5 | 33·0 | 27·0 | 47 | 30 | 43 | 12·8 | 11·1 | 11·4 | 0 | 0 | 0 | N | 2 | NW | 1 | N | 1 | 0·0 | 25·0 |
| 13 | 28·1 | 25·7 | 26·4 | 33·0 | 20·0 | 24·5 | 33·0 | 28·5 | 39 | 30 | 37 | 8·9 | 11·1 | 10·5 | 0 | 2 | 0 | N | 2 | NW | 1 | N | 1 | 0·0 | 19·2 |
| 14 | 28·7 | 26·8 | 26·4 | 34·5 | 19·0 | 26·5 | 33·5 | 27·5 | 47 | 24 | 37 | 12·1 | 9·1 | 10·2 | 2 | 3 | 0 | N | 1 | NW | 1 | N | 1 | 0·0 | 13·5 |
| 15 | 29·7 | 27·1 | 28·1 | 36·5 | 19·0 | 27·5 | 36·0 | 28·0 | 44 | 19 | 33 | 12·1 | 8·2 | 9·2 | 2 | 2 | 0 | NE | 1 | NW | 1 | N | 1 | 0·0 | 14·2 |
| 16 | 29·7 | 26·6 | 27·2 | 35·0 | 18·0 | 25·0 | 35·0 | 27·5 | 39 | 19 | 32 | 9·2 | 8·2 | 8·6 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | 0·0 | 22·7 |
| 17 | 29·6 | 28·0 | 28·1 | 36·0 | 21·0 | 26·0 | 36·0 | 28·0 | 29 | 17 | 29 | 7·2 | 7·6 | 8·2 | 2 | 0 | 0 | N | 3 | W | 1 | Calm | 0 | 0·0 | 20·6 |
| 18 | 29·4 | 26·6 | 25·2 | 36·0 | 20·0 | 26·0 | 36·0 | 28·0 | 46 | 18 | 22 | 11·4 | 8·1 | 6·2 | 0 | 0 | 0 | N | 2 | NE | 1 | N | 1 | 0·0 | 19·1 |
| 19 | 28·5 | 25·3 | 26·3 | 36·0 | 18·0 | 25·0 | 35·0 | 29·0 | 53 | 17 | 24 | 12·3 | 7·2 | 7·1 | 0 | 0 | 0 | N | 2 | S | 1 | Calm | 0 | 0·0 | 14·5 |
| 20 | 28·9 | 27·0 | 26·6 | 35·0 | 20·0 | 26·5 | 34·0 | 27·0 | 38 | 15 | 37 | 9·5 | 6·0 | 9·8 | 2 | 4 | 2 | N | 2 | NW | 2 | N | 1 | 0·0 | 20·0 |
| 21 | 29·4 | 27·0 | 28·0 | 33·5 | 19·5 | 26·5 | 33·0 | 28·5 | 40 | 17 | 18 | 10·1 | 6·5 | 5·0 | 1 | 1 | 0 | N | 1 | N | 1 | NW | 1 | 0·0 | 18·0 |
| 22 | 29·6 | 26·8 | 26·2 | 33·0 | 19·0 | 24·5 | 33·0 | 25·0 | 50 | 16 | 36 | 11·4 | 6·2 | 8·3 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 18·8 |
| 23 | 29·3 | 26·8 | 28·2 | 31·0 | 18·0 | 23·0 | 31·0 | 25·0 | 25 | 22 | 22 | 5·1 | 7·4 | 5·2 | 0 | 0 | 0 | N | 3 | N | 2 | NE | 1 | 0·0 | 20·5 |
| 24 | 30·6 | 28·6 | 28·2 | 31·0 | 16·0 | 20·0 | 28·5 | 21·0 | 28 | 12 | 49 | 4·8 | 3·5 | 9·0 | 0 | 0 | 0 | N | 3 | N | 3 | N | 1 | 0·0 | 19·4 |
| 25 | 30·7 | 27·1 | 29·0 | 31·0 | 15·0 | 20·5 | 30·0 | 25·0 | 31 | 30 | 30 | 5·6 | 9·6 | 6·9 | 1 | 0 | 0 | N | 3 | N | 1 | NW | 2 | 0·0 | 18·0 |
| 26 | 30·1 | 27·6 | 26·8 | 31·0 | 16·0 | 21·5 | 31·0 | 25·0 | 40 | 22 | 31 | 7·6 | 7·4 | 7·2 | 1 | 3 | 0 | N | 2 | NW | 2 | N | 2 | 0·0 | 17·1 |
| 27 | 29·9 | 26·7 | 28·2 | 31·5 | 17·0 | 21·0 | 31·0 | 24·0 | 46 | 22 | 28 | 8·5 | 7·4 | 6·2 | 0 | 0 | 0 | N | 2 | N | 3 | NW | 1 | 0·0 | 19·5 |
| 28 | 29·0 | 26·9 | 25·9 | 33·5 | 16·0 | 21·5 | 32·0 | 26·0 | 41 | 11 | 24 | 7·8 | 4·0 | 6·0 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | 0·0 | 17·7 |
| 29 | 28·4 | 25·7 | 26·3 | 33·5 | 16·0 | 22·5 | 33·0 | 26·5 | 35 | 17 | 28 | 7·0 | 6·3 | 7·1 | 3 | 1 | 0 | N | 2 | N | 1 | Calm | 0 | 0·0 | 15·8 |
| 30 | 27·2 | 25·7 | 25·4 | 34·0 | 17·0 | 23·0 | 34·0 | 27·0 | 50 | 23 | 37 | 10·5 | 9·1 | 9·8 | 7 | 4 | 0 | N | 1 | NW | 2 | N | 1 | 0·0 | 15·0 |
| Month | 29·43 | 26·90 | 27·41 | 33·6 | 18·3 | 24·3 | 33·2 | 26·4 | 36 | 20 | 31 | 8·2 | 7·6 | 7·9 | 0·8 | 0·7 | 0·1 | — | 2·1 | — | 1·3 | — | 0·9 | 0·0 | 19·25 |

**Remarks:—**

$C_h$ = + 30 mm.

## December 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28·2 | 25·4 | 27·1 | 38·0 | 17·0 | 24·0 | 37·5 | 26·5 | 34 | 17 | 34 | 7·8 | 8·3 | 8·6 | 3 | 0 | 0 | N | 2 | E | 1 | Calm | 0 | 0·0 | 13·8 |
| 2 | 29·2 | 26·1 | 25·7 | 39·0 | 19·0 | 25·5 | 39·0 | 29·5 | 39 | 17 | 18 | 9·2 | 9·2 | 5·6 | 3 | 0 | 0 | NE | 2 | ENE | 1 | E | 1 | 0·0 | 15·5 |
| 3 | 28·8 | 26·1 | 27·6 | 35·5 | 19·0 | 25·0 | 35·0 | 28·0 | 42 | 12 | 24 | 9·8 | 5·0 | 6·7 | 1 | 0 | 3 | N | 2 | N | 1 | NW | 1 | 0·0 | 20·7 |
| 4 | 30·0 | 27·6 | 27·4 | 33·5 | 20·0 | 24·0 | 33·5 | 27·0 | 31 | 19 | 37 | 6·9 | 7·5 | 9·8 | 0 | 1 | 0 | N | 3 | NE | 3 | N | 1 | 0·0 | 21·5 |
| 5 | 32·0 | 28·6 | 30·5 | 33·5 | 18·0 | 22·0 | 32·0 | 25·5 | 30 | 28 | 28 | 5·8 | 10·0 | 6·7 | 0 | 0 | 0 | N | 3 | NE | 2 | NW | 4 | 0·0 | 18·9 |
| 6 | 29·7 | 28·1 | 29·9 | 30·5 | 17·0 | 21·5 | 27·5 | 20·0 | 34 | 35 | 21 | 6·5 | 9·5 | 3·7 | 0 | 0 | 0 | N | 2 | NNW | 2 | NW | 1 | 0·0 | 17·0 |
| 7 | 30·4 | 28·2 | 29·9 | 28·0 | 16·0 | 20·0 | 28·0 | 20·0 | 20 | 33 | 18 | 3·5 | 9·2 | 3·1 | 0 | 0 | 0 | N | 3 | NW | 3 | NW | 1 | 0·0 | 16·8 |
| 8 | 30·5 | 28·0 | 27·6 | 26·0 | 13·0 | 18·5 | 26·0 | 20.0 | 26 | 48 | 25 | 4·0 | 12·1 | 4·3 | 0 | 0 | 0 | N | 2 | N | 1 | NW | 1 | 0·0 | 15·1 |
| 9 | 29·5 | 27·0 | 29·4 | 27·0 | 10·0 | 17·0 | 27·0 | 18·5 | 23 | 26 | 12 | 3·3 | 6·8 | 1·9 | 0 | 0 | 0 | N | 2 | N | 1 | NW | 1 | 0·0 | 15·3 |
| 10 | 30·2 | 27·3 | 26·6 | 27·5 | 11·0 | 17·0 | 27·5 | 21·0 | 16 | 9 | 20 | 2·4 | 2·6 | 3·7 | 0 | 0 | 0 | NNE | 3 | N | 3 | N | 1 | 0·0 | 20·2 |
| 11 | 31·0 | 28·2 | 30·3 | 27·5 | 13·0 | 19·5 | 27·5 | 21·0 | 21 | 14 | 22 | 3·4 | 3·7 | 4·1 | 0 | 0 | 0 | N | 3 | N | 3 | NW | 2 | 0·0 | 21·5 |
| 12 | 31·4 | 28·0 | 28·4 | 29·0 | 12·0 | 19·5 | 29·0 | 22·0 | 16 | 21 | 16 | 2·7 | 6·2 | 3·1 | 1 | 0 | 0 | NW | 3 | N | 1 | N | 1 | 0·0 | 18·7 |
| 13 | 31·1 | 28·2 | 30·4 | 29·5 | 13·0 | 19·0 | 29·5 | 20·0 | 20 | 17 | 25 | 3·2 | 5·3 | 4·3 | 0 | 0 | 0 | N | 3 | N | 2 | N | 1 | 0·0 | 20·5 |
| 14 | 31·2 | 28·9 | 28·0 | 28·0 | 14·0 | 18·5 | 28·0 | 22·0 | 23 | 14 | 22 | 3·6 | 3·8 | 4·4 | 1 | 0 | 0 | N | 3 | N | 2 | N | 1 | 0·0 | 24·4 |
| 15 | 31·8 | 28·6 | 30·1 | 26·0 | 13·0 | 17·5 | 26·0 | 17·0 | 25 | 13 | 28 | 3·7 | 3·3 | 4·0 | 1 | 0 | 0 | N | 3 | N | 2 | NW | 1 | 0·0 | 16·5 |
| 16 | 32·4 | 30·0 | 30·2 | 23·5 | 10·0 | 15·0 | 23·0 | 16·5 | 32 | 18 | 38 | 4·0 | 3·8 | 5·2 | 0 | 0 | 0 | NNW | 3 | N | 3 | N | 1 | 0·0 | 16·0 |
| 17 | 34·3 | 29·5 | 33·4 | 23·5 | 10·0 | 15·0 | 22·5 | 17·0 | 39 | 27 | 26 | 5·0 | 5·4 | 3·7 | 0 | 0 | 0 | N | 4 | N | 3 | N | 2 | 0·0 | 18·0 |
| 18 | 33·7 | 31·2 | 30·6 | 25·5 | 9·0 | 14·0 | 25·5 | 19·0 | 32 | 23 | 23 | 3·7 | 5·3 | 3·7 | 0 | 1 | 0 | N | 4 | NE | 2 | N | 2 | 0·0 | 18·5 |
| 19 | 33·4 | 29·5 | 32·4 | 26·5 | 10·0 | 14·0 | 26·5 | 19·5 | 47 | 18 | 29 | 5·6 | 4·6 | 4·9 | 0 | 0 | 0 | N | 2 | NE | 3 | NE | 2 | 0·0 | 17·1 |
| 20 | 33·9 | 31·1 | 31·6 | 26·5 | 10·5 | 17·0 | 26·5 | 19·5 | 45 | 18 | 30 | 6·4 | 4·6 | 5·1 | 0 | 0 | 0 | NNE | 2 | NW | 3 | N | 2 | 0·0 | 17·0 |
| 21 | 34·3 | 31·3 | 33·4 | 27·0 | 10·1 | 16·5 | 26·5 | 18·0 | 40 | 22 | 22 | 5·5 | 5·7 | 3·4 | 0 | 0 | 0 | N | 2 | NE | 3 | NW | 3 | 0·0 | 17·5 |
| 22 | 34·0 | 31·2 | 32·2 | 25·0 | 12·0 | 16·5 | 25·0 | 18·0 | 26 | 28 | 25 | 3·6 | 6·6 | 3·9 | 0 | 0 | 0 | N | 3 | N | 3 | N | 2 | 0·0 | 20·2 |
| 23 | 33·0 | 32·2 | 34·8 | 24·5 | 10·0 | 15·0 | 24·0 | 16·5 | 39 | 15 | 23 | 5·0 | 3·2 | 3·2 | 0 | 0 | 0 | N | 4 | N | 2 | NW | 1 | 0·0 | 16·6 |
| 24 | 88·2 | 33·8 | 33·2 | 25·5 | 10·0 | 15·0 | 25·0 | 18·5 | 52 | 16 | 33 | 6·6 | 3·9 | 5·2 | 0 | 0 | 0 | N | 2 | NE | 1 | N | 1 | 0·0 | 13·0 |
| 25 | 34·0 | 31·6 | 33·4 | 26·5 | 10·0 | 14·5 | 26·0 | 18·5 | 53 | 20 | 33 | 6·4 | 4·9 | 5·2 | 0 | 0 | 0 | N | 1 | N | 1 | NE | 1 | 0·0 | 12·5 |
| 26 | 33·8 | 30·2 | 30·1 | 27·5 | 11·0 | 16·5 | 26·5 | 21·0 | 50 | 28 | 34 | 7·0 | 7·1 | 6·3 | 0 | 0 | 0 | N | 1 | NNE | 1 | N | 1 | 0·0 | 14·0 |
| 27 | 32·4 | 29·0 | 30·7 | 30·0 | 14·0 | 18·5 | 30.0 | 22·0 | 58 | 30 | 36 | 9·2 | 9·6 | 7·0 | 2 | 0 | 0 | N | 1 | NE | 1 | N | 1 | 0·0 | 12·5 |
| 28 | 31·4 | 26·9 | 27·2 | 31·5 | 11·0 | 21·0 | 31·5 | 28·0 | 60 | 30 | 33 | 11·0 | 10·3 | 9·2 | 2 | 0 | 0 | NNE | 2 | NE | 1 | NE | 1 | 0·0 | 13·2 |
| 29 | 31·0 | 32·6 | 30·2 | 32·5 | 17·0 | 21·5 | 32·0 | 26·5 | 62 | 38 | 42 | 11·7 | 13·5 | 10·6 | 0 | 0 | 0 | NNE | 2 | N | 1 | NE | 1 | 0 0 | 11·5 |
| 30 | 30·4 | 28·4 | 27·5 | 34·0 | 16·0 | 22·0 | 33·0 | 28·5 | 55 | 26 | 33 | 10·7 | 9·9 | 9·6 | 0 | 1 | 2 | NNE | 1 | Calm | 0 | E | 2 | 0·0 | 13·5 |
| 31 | 32·9 | 28·3 | 29·7 | 34·0 | 16·0 | 22·0 | 33·5 | 28·5 | 50 | 35 | 32 | 9·9 | 13·3 | 9·3 | 0 | 0 | 0 | NNE | 1 | N | 1 | SE | 1 | 0·0 | 11·3 |
| Month | 31·81 | 29·07 | 29·98 | 29·1 | 13·3 | 18·8 | 28·7 | 21·7 | 37 | 23 | 27 | 6·0 | 6·9 | 5·5 | 0·5 | 0·1 | 0·2 | — | 2·4 | — | 1.8 | — | 1·4 | 0·0 | 16.74 |

**Remarks:—**

# KASSALA.

$\varphi = 15° 28'$ N. $\lambda = 36° 24'$ E. H = 507·8 m. $h_t$ = 1·1 m. $h_r$ = 1·0 m.

$C_h$ = + 42 mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18·4 | 15·3 | 17·1 | 29·5 | 13·0 | 19·6 | 28·8 | 21·4 | 67 | 34 | 41 | 11·3 | 10·0 | 7·7 | 0 | 0 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 7·0 |
| 2 | 18·1 | 16·0 | 17·7 | 29·5 | 13·0 | 19·8 | 28·8 | 20·0 | 54 | 28 | 35 | 9·2 | 8·4 | 6·1 | 0 | 0 | 0 | N | 1 | N | 2 | N | 1 | 0·0 | 7·5 |
| 3 | 17·3 | 13·9 | 15·6 | 32·0 | 13·5 | 19·6 | 31·4 | 23·2 | 61 | 9 | 59 | 10·5 | 3·0 | 12·5 | 0 | 0 | 0 | E | 1 | N | 2 | N | 2 | 0·0 | 8·5 |
| 4 | 16·6 | 13·9 | 16·1 | 33·0 | 17·5 | 20·6 | 32·2 | 24·0 | 71 | 27 | 53 | 12·8 | 9·6 | 12·3 | 0 | 0 | 0 | NE | 2 | NE | 2 | N | 2 | 0·0 | 8·5 |
| 5 | 17·5 | 15·3 | 16·4 | 32·0 | 14·5 | 21·6 | 31·2 | 25·6 | 71 | 27 | 44 | 13·5 | 9·2 | 10·7 | 0 | 0 | 0 | N | 1 | N | 3 | N | 2 | 0·0 | 8·2 |
| 6 | 15·2 | 12·8 | 15·5 | 34·5 | 17·5 | 22·8 | 33·8 | 28·0 | 66 | 27 | 47 | 13·7 | 10·6 | 13·2 | 0 | 0 | 0 | S | 1 | NE | 3 | NE | 1 | 0·0 | 9·4 |
| 7 | 15·1 | 13·1 | 15·8 | 35·5 | 15·3 | 22·4 | 30·2 | 25·2 | 6[illegible] | 54 | 37 | 13·9 | 17·2 | 8·8 | 0 | 0 | 0 | SE | 1 | NW | 1 | NW | 1 | 0·0 | 7·0 |
| 8 | 18·0 | 14·9 | 17·6 | 33·5 | 15·0 | 20·6 | 31·6 | 22·2 | 42 | 25 | 36 | 7·6 | 8·6 | 7·2 | 0 | 0 | 0 | E | 1 | NE | 3 | NW | 1 | 0·0 | 7·0 |
| 9 | 18·0 | 15·2 | 16·9 | 32·5 | 12·5 | 17·6 | 32·2 | 22·2 | 41 | 25 | 34 | 6·0 | 8·8 | 6·6 | 0 | 0 | 0 | N | 1 | N | 1 | NE | 1 | 0·0 | 7·0 |
| 10 | 17·6 | 15·5 | 16·6 | 33·0 | 15·5 | 21·4 | 31·8 | 24·2 | 72 | 28 | 54 | 13·6 | 9·8 | 12·2 | 0 | 0 | 0 | N | 2 | NE | 3 | NE | 3 | 0·0 | 8·0 |
| 11 | 16·9 | 14·5 | 16·5 | 33·0 | 13·5 | 19·8 | 32·8 | 23·8 | 69 | 24 | 37 | 11·8 | 8·5 | 8·2 | 0 | 0 | 0 | E | 1 | N | 1 | N | 1 | 0·0 | 6·5 |
| 12 | 17·4 | 14·5 | 14·9 | 34·5 | 15·5 | 20·4 | 33·0 | 23·4 | 64 | 22 | 34 | 11·4 | 8·1 | 7·3 | 0 | 0 | 0 | NE | 1 | NE | 1 | N | 1 | 0·0 | 7·5 |
| 13 | 17·3 | 13·8 | 16·1 | 34·0 | 15·5 | 19·4 | 32·8 | 24·4 | 61 | 20 | 34 | 10·3 | 7·6 | 7·8 | 0 | 0 | 2 | SE | 1 | NW | 2 | NE | 1 | 0·0 | 7·5 |
| 14 | 17·4 | 14·9 | 16·9 | 33·5 | 19·0 | 23·8 | 33·2 | 26·4 | 60 | 21 | 46 | 13·1 | 8·0 | 11·5 | 0 | 0 | 2 | E | 1 | N | 2 | NE | 2 | 0·0 | 8·2 |
| 15 | 18·3 | 14·1 | 16·2 | 34·5 | 15·5 | 21·2 | 33·8 | 25·2 | 70 | 10 | 32 | 13·1 | 3·8 | 7·6 | 0 | 0 | 3 | E | 1 | NE | 3 | NE | 1 | 0·0 | 9·7 |
| 16 | 18·1 | 15·3 | 16·9 | 35·5 | 15·5 | 21·4 | 34·8 | 25·2 | 56 | 13 | 29 | 10·5 | 5·7 | 6·8 | 0 | 4 | 3 | NE | 1 | NW | 2 | NW | 1 | 0·0 | 8·5 |
| 17 | 19·4 | 16·0 | 19·6 | 30·5 | 14·5 | 19·6 | 29·2 | 20·4 | 31 | 14 | 22 | 5·3 | 4·3 | 3·9 | 2 | 4 | 3 | N | 1 | NE | 2 | NE | 1 | 0·0 | 8·0 |
| 18 | 21·0 | 18·2 | 19·2 | 29·0 | 10·0 | 16·2 | 28·2 | 19·8 | 16 | 19 | 35 | 2·2 | 5·5 | 6·0 | 0 | 0 | 3 | N | 2 | N | 2 | N | 1 | 0·0 | 8·3 |
| 19 | 20·4 | 16·1 | 17·1 | 29·5 | 14·0 | 18·6 | 28·6 | 22·8 | 52 | 29 | 35 | 8·3 | 8·6 | 7·1 | 0 | 0 | 3 | NE | 3 | NE | 3 | NE | 3 | 0·0 | 9·5 |
| 20 | 17·7 | 15·4 | 16·1 | 31·0 | 13·5 | 19·6 | 30·2 | 23·8 | 52 | 27 | 41 | 8·8 | 8·5 | 9·1 | 0 | 0 | 3 | NE | 1 | NE | 2 | N | 1 | 0·0 | 8·0 |
| 21 | 16·7 | 13·9 | 16·7 | 33·5 | 14·0 | 19·8 | 32·8 | 22·8 | 63 | 29 | 66 | 10·9 | 10·6 | 13·7 | 0 | 0 | 4 | NE | 1 | NE | 3 | N | 2 | 0·0 | 7·0 |
| 22 | 16·6 | 14·6 | 15·0 | 37·5 | 17·0 | 21·6 | 37·2 | 27·6 | 75 | 15 | 34 | 14·5 | 7·2 | 9·2 | 0 | 0 | 4 | N | 1 | SE | 1 | N | 2 | 0·0 | 8·7 |
| 23 | 16·5 | 14·5 | 14·8 | 37·0 | 18·0 | 22·8 | 36·6 | 27·6 | 64 | 12 | 24 | 13·1 | 5·3 | 6·8 | 0 | 0 | 2 | N | 1 | NE | 2 | N | 1 | 0·0 | 8·5 |
| 24 | 16·5 | 14·1 | 16·5 | 35·5 | 15·5 | 20·4 | 35·2 | 26·2 | 59 | 16 | 28 | 10·6 | 6·7 | 7·0 | 2 | 4 | 3 | N | 1 | N | 2 | N | 1 | 0·0 | 8·0 |
| 25 | 17·7 | 15·2 | 16·2 | 33·0 | 17·0 | 21·2 | 31·6 | 27·2 | 67 | 31 | 37 | 12·5 | 10·6 | 10·0 | 0 | 0 | 0 | N | 1 | NE | 3 | NE | 2 | 0·0 | 9·0 |
| 26 | 17·2 | 15·3 | 15·8 | 32·0 | 20·0 | 22·4 | 30·8 | 24·8 | 66 | 30 | 50 | 13·3 | 9·8 | 11·5 | 0 | 2 | 0 | E | 1 | NE | 3 | NE | 3 | 0·0 | 8·0 |
| 27 | 17·0 | 13·5 | 15·2 | 32·0 | 18·0 | 21·6 | 30·8 | 25·8 | 71 | 44 | 48 | 13·5 | 14·6 | 11·9 | 0 | 0 | 2 | NE | 1 | NE | 2 | NE | 2 | 0·0 | 7·2 |
| 28 | 16·6 | 14·8 | 16·8 | 32·0 | 15·5 | 20·8 | 31·2 | 23·6 | 73 | 27 | 42 | 13·3 | 9·2 | 9·2 | 0 | 0 | 3 | NE | 1 | N | 2 | N | 1 | 0·0 | 6·0 |
| 29 | 17·6 | 14·9 | 16·2 | 32·5 | 17·0 | 21·2 | 31·6 | 24·8 | 70 | 32 | 51 | 13·1 | 10·9 | 11·8 | 0 | 2 | 0 | N | 1 | NE | 2 | NE | 2 | 0·0 | 7·5 |
| 30 | 15·5 | 14·5 | 15·3 | 32·0 | 15·5 | 21·4 | 31·8 | 25·4 | 68 | 33 | 41 | 13·0 | 11·5 | 9·9 | 0 | 0 | 0 | NE | 1 | N | 2 | N | 2 | 0·0 | 8·0 |
| 31 | 17·0 | 14·4 | 16·6 | 33·5 | 17·0 | 21·8 | 32·4 | 26·2 | 63 | 26 | 50 | 12·1 | 9·4 | 12·6 | 2 | 0 | 0 | NE | 1 | NE | 2 | NE | 2 | 0·0 | 8·7 |
| Month | 17·44 | 14·81 | 16·45 | 32·9 | 15·4 | 20·7 | 32·0 | 24·3 | 61 | 25 | 40 | 11·2 | 8·7 | 9·2 | 0·2 | 0·5 | 1·3 | — | 1·2 | — | 2·1 | — | 1·6 | 0·0 | 7·63 |

**Remarks:—**

$C_h$ = + 42 mm.

## February 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16·4 | 13·9 | 15·0 | 33·0 | 16·0 | 21·8 | 32·2 | 26·2 | 66 | 25 | 46 | 12·7 | 8·8 | 11·6 | 3 | 0 | 0 | NE | 1 | NE | 2 | NE | 2 | 0·0 | 8.0 |
| 2 | 17·0 | 13·7 | 16·4 | 33·0 | 16·5 | 22·2 | 31·8 | 24·2 | 66 | 31 | 62 | 13·1 | 10·8 | 13·8 | 0 | 0 | 0 | NE | 1 | N | 1 | NE | 1 | 0·0 | 7·5 |
| 3 | 16·6 | 14·5 | 14·9 | 32·0 | 15·5 | 19·8 | 30·4 | 24·2 | 69 | 36 | 42 | 11·8 | 11·7 | 9·4 | 2 | 0 | 0 | NE | 2 | NE | 1 | NE | 2 | 0·0 | 7·5 |
| 4 | 16·3 | 13·1 | 15·6 | 33·5 | 13·5 | 19·2 | 32·6 | 23·8 | 63 | 21 | 26 | 10·4 | 7·7 | 5·7 | 0 | 0 | 0 | SE | 1 | NW | 1 | N | 1 | 0·0 | 7·0 |
| 5 | 16·0 | 14·6 | 15·7 | 34·0 | 13·0 | 20·8 | 33·2 | 23·4 | 41 | 19 | 38 | 7·5 | 7·3 | 8·1 | 0 | 0 | 2 | N | 1 | NW | 1 | NW | 1 | 0·0 | 7·0 |
| 6 | 16·7 | 15·7 | 17·5 | 32·0 | 15·0 | 19·8 | 30·8 | 24·8 | 22 | 24 | 25 | 3·7 | 7·8 | 5·9 | 5 | 4 | 4 | N | 1 | NW | 1 | NW | 2 | 0·0 | 7·7 |
| 7 | 19·5 | 15·3 | 16·4 | 33·5 | 14·0 | 15·8 | 32·8 | 23·8 | 32 | 22 | 32 | 4·2 | 8·2 | 7·1 | 3 | 2 | 6 | N | 1 | NW | 1 | N | 2 | 0·0 | 5·7 |
| 8 | 19·1 | 15·8 | 16·9 | 32·5 | 13·0 | 20·2 | 32·0 | 22·4 | 55 | 21 | 30 | 9·8 | 7·4 | 6·0 | 2 | 0 | 0 | NW | 1 | NW | 1 | NW | 1 | 0·0 | 7·5 |
| 9 | 17·0 | 14·1 | 15·0 | 33·0 | 11·0 | 18·8 | 31·8 | 22·4 | 36 | 14 | 44 | 5·8 | 5·1 | 8·8 | 3 | 4 | 0 | N | 1 | N | 2 | N | 1 | 0·0 | 7·5 |
| 10 | 15·9 | 12·9 | 15·6 | 34·0 | 13·5 | 18·6 | 33·2 | 22·8 | 51 | 16 | 28 | 8·0 | 6·1 | 5·7 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | 0·0 | 7·0 |
| 11 | 16·4 | 13·1 | 15·0 | 34·5 | 13·0 | 18·8 | 33·6 | 22·4 | 37 | 12 | 28 | 6·1 | 4·6 | 5·7 | 2 | 0 | 0 | N | 1 | NW | 2 | N | 1 | 0·0 | 9·0 |
| 12 | 14·7 | 13·5 | 14·3 | 34·0 | 13·0 | 19·2 | 33·4 | 23·2 | 17 | 16 | 26 | 2·9 | 6·3 | 5·5 | 0 | 0 | 0 | N | 1 | N | 1 | N | 1 | 0·0 | 7·7 |
| 13 | 14·2 | 11·2 | 13·1 | 36·0 | 15·0 | 20·8 | 35·4 | 24·2 | 56 | 16 | 33 | 10·3 | 6·9 | 7·7 | 5 | 6 | 5 | NE | 1 | NE | 1 | N | 1 | 0·0 | 8·5 |
| 14 | 13·6 | 9·8 | 11·8 | 38·5 | 20·5 | 27·8 | 38·2 | 25·2 | 35 | 32 | 49 | 9·7 | 15·8 | 11·6 | 3 | 6 | 8 | E | 1 | N | 1 | N | 1 | 0·0 | 10·5 |
| 15 | 14·8 | 12·2 | 13·6 | 37·5 | 21·0 | 23·6 | 36·4 | 24·4 | 39 | 17 | 32 | 8·6 | 8·0 | 7·3 | 5 | 3 | 3 | S | 1 | N | 1 | N | 3 | 0·0 | 10·2 |
| 16 | 16·7 | 14·2 | 14·9 | 33·0 | 20·5 | 22·8 | 32·2 | 22·8 | 71 | 35 | 26 | 14·7 | 12·7 | 5·5 | 8 | 3 | 0 | N | 2 | N | 2 | N | 2 | 0·0 | 8·2 |
| 17 | 16·0 | 14·2 | 14·8 | 34·0 | 19·0 | 22·4 | 33·2 | 27·8 | 65 | 27 | 38 | 13·0 | 10·3 | 10·6 | 0 | 0 | 0 | NE | 1 | NE | 2 | N | 1 | 0·0 | 8·0 |
| 18 | 16·3 | 13·6 | 14·8 | 33·0 | 18·5 | 22·4 | 32·6 | 23·2 | 62 | 24 | 26 | 12·4 | 8·7 | 5·5 | 0 | 0 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 8·2 |
| 19 | 16·6 | 15·4 | 15·9 | 31·5 | 13·0 | 20·4 | 31·2 | 21·8 | 54 | 14 | 22 | 9·7 | 4·9 | 4·3 | 0 | 0 | 2 | N | 1 | N | 2 | N | 1 | 0·0 | 8·0 |
| 20 | 18·0 | 14·8 | 17·3 | 31·0 | 12·0 | 19·8 | 30·2 | 22·8 | 47 | 12 | 28 | 8·1 | 4·0 | 5·7 | 3 | 0 | 4 | NE | 2 | N | 1 | N | 2 | 0·0 | 9·7 |
| 21 | 17·5 | 14·9 | 15·9 | 31·0 | 15·0 | 20·8 | 30·4 | 23·4 | 41 | 14 | 28 | 7·5 | 4·4 | 5·9 | 0 | 2 | 3 | E | 1 | N | 1 | N | 2 | 0·0 | 9·2 |
| 22 | 16·9 | 15·3 | 16·0 | 33·0 | 11·0 | 18·8 | 31·8 | 23·4 | 54 | 14 | 24 | 8·7 | 5·1 | 5·1 | 0 | 0 | 2 | NE | 1 | N | 1 | N | 1 | 0·0 | 7·5 |
| 23 | 16·6 | 13·7 | 14·9 | 36·0 | 13·0 | 21·8 | 35·2 | 23·4 | 40 | 8 | 24 | 7·7 | 3·6 | 5·1 | 2 | 3 | 2 | NE | 1 | SW | 1 | N | 1 | 0·0 | 10·0 |
| 24 | 15·6 | 14·0 | 14·6 | 36·5 | 14.0 | 22·2 | 35·8 | 24·2 | 45 | 7 | 29 | 8·9 | 3·2 | 6·5 | 0 | 0 | 0 | E | 1 | N | 1 | N | 1 | 0·0 | 10·5 |
| 25 | 15·0 | 12·6 | 14·0 | 36·5 | 16·5 | 26·6 | 35·8 | 28·8 | 41 | 12 | 30 | 10·4 | 5·1 | 9·1 | 0 | 0 | 0 | E | 1 | N | 2 | N | 2 | 0·0 | 11·7 |
| 26 | 15·4 | 12·7 | 14·4 | 36·0 | 20·5 | 23·8 | 34·4 | 27·2 | 71 | 26 | 39 | 15·4 | 10·6 | 10·4 | 0 | 0 | 0 | NE | 3 | NE | 2 | N | 1 | 0·0 | 8·2 |
| 27 | 16·7 | 12·7 | 14·7 | 35·0 | 18·5 | 22·8 | 33·6 | 25·6 | 66 | 20 | 37 | 13·7 | 7·7 | 8·9 | 2 | 0 | 0 | NE | 2 | NE | 2 | N | 2 | 0·0 | 10·2 |
| 28 | 16·1 | 12·6 | 15·1 | 33·5 | 17·0 | 21·6 | 32·8 | 26·2 | 55 | 14 | 28 | 10·4 | 5·4 | 7·0 | 0 | 0 | 0 | S | 1 | NE | 2 | N | 1 | 0·0 | 10·4 |
| Month | 16·34 | 13·72 | 15·15 | 34·0 | 15·4 | 21·2 | 33·1 | 24·2 | 50 | 20 | 33 | 9·5 | 7·4 | 7·5 | 1·7 | 1·2 | 1·5 | — | 1·2 | — | 1·4 | — | 1·4 | 0·0 | 8·50 |

**Remarks:—**

# KASSALA.

$\varphi = 15° 28'$ N. $\lambda = 36° 24'$ E. H = 507·8 m. $h_t = 1·1$ m. $h_r = 1·0$ m.

$C_h = +42$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15·9 | 12·7 | 13·9 | 34·0 | 16·5 | 21·8 | 33·6 | 25·4 | 53 | 10 | 25 | 10·3 | 4·0 | 5·8 | 5 | 3 | 0 | E | 1 | N | 2 | N | 2 | 0·0 | 9·7 |
| 2 | 14·5 | 11·5 | 13·3 | 37·0 | 15·0 | 21·2 | 35·8 | 29·2 | 59 | 15 | 22 | 10·9 | 6·7 | 6·7 | 4 | 3 | 4 | SE | 1 | NE | 1 | N | 2 | 0·0 | 10·5 |
| 3 | 13·8 | 11·1 | 12·8 | 39·5 | 17·5 | 24·6 | 38·8 | 27·4 | 53 | 15 | 34 | 12·3 | 7·9 | 9·3 | 4 | 3 | 0 | N | 1 | SW | 1 | N | 1 | 0·0 | 8·2 |
| 4 | 13·3 | 11·9 | 12·5 | 37·5 | 18·5 | 23·2 | 37·2 | 28·8 | 49 | 12 | 23 | 10·3 | 5·5 | 6·6 | 0 | 2 | 0 | NW | 1 | N | 2 | N | 1 | 0·0 | 11·2 |
| 5 | 15·9 | 12·9 | 14·9 | 33·5 | 17·0 | 20·4 | 32·6 | 26·6 | 20 | 32 | 47 | 3·6 | 11·7 | 12·0 | 5 | 2 | 0 | NW | 1 | N | 2 | N | 2 | 0·0 | 6·2 |
| 6 | 16·8 | 15·4 | 17·4 | 31·5 | 15·5 | 20·2 | 30·6 | 23·8 | 69 | 30 | 16 | 12·2 | 9·9 | 3·6 | 4 | 0 | 0 | N | 1 | NW | 3 | N | 2 | 0·0 | 8·2 |
| 7 | 19·1 | 16·0 | 17·7 | 30·0 | 12·5 | 16·4 | 28·2 | 22·2 | 14 | 18 | 19 | 2·1 | 5·2 | 3·8 | 0 | 0 | 0 | N | 1 | N | 2 | N | 1 | 0·0 | 7·7 |
| 8 | 19·3 | 16·5 | 17·4 | 31·0 | 11·5 | 16·8 | 29·8 | 22·8 | 32 | 20 | 24 | 4·6 | 6.3 | 4·9 | 0 | 0 | 0 | NW | 1 | NE | 1 | N | 1 | 0·0 | 6·5 |
| 9 | 16·1 | 15·6 | 16·4 | 32·0 | 12·0 | 18·6 | 30·6 | 23·8 | 47 | 17 | 23 | 7·5 | 5·8 | 5·1 | 0 | 0 | 0 | W | 1 | NW | 2 | N | 1 | 0·0 | 8·3 |
| 10 | 17·7 | 15·2 | 16·2 | 30·0 | 12·5 | 17·8 | 29·2 | 20·4 | 16 | 8 | 22 | 2·6 | 2·3 | 3·9 | 4 | 0 | 0 | N | 2 | NW | 2 | N | 1 | 0·0 | 9·7 |
| 11 | 18·5 | 14·1 | 15·1 | 33·0 | 10·5 | 17·4 | 32·2 | 23·6 | 26 | 16 | 29 | 3·7 | 5·7 | 6·3 | 4 | 4 | 0 | NE | 1 | NE | 2 | N | 1 | 0·0 | 8·2 |
| 12 | 15·7 | 14·6 | 15·2 | 36·0 | 14·5 | 21·2 | 35·4 | 25·8 | 45 | 12 | 18 | 8·4 | 5·0 | 4·5 | 4 | 3 | 2 | E | 1 | W | 2 | NW | 1 | 0·0 | 8·2 |
| 13 | 16·6 | 15·5 | 16·6 | 34·0 | 17·0 | 22·8 | 32·8 | 25·6 | 44 | 10 | 19 | 9·1 | 3·9 | 4·6 | 3 | 0 | 0 | S | 1 | NW | 2 | N | 2 | 0·0 | 8·7 |
| 14 | 16·6 | 13·8 | 14·8 | 33·0 | 14·0 | 21·4 | 32·6 | 26·2 | 48 | 19 | 28 | 9·1 | 7·4 | 7·0 | 0 | 0 | 0 | N | 1 | N | 1 | N | 2 | 0·0 | 8·2 |
| 15 | 15·4 | 12·9 | 14·1 | 33·0 | 15·0 | 22·2 | 32·2 | 26·4 | 43 | 43 | 30 | 8·6 | 15·6 | 7·5 | 0 | 0 | 3 | E | 1 | N | 1 | NE | 2 | 0·0 | 10·5 |
| 16 | 15·0 | 13·6 | 13·9 | 34·5 | 14·5 | 21·6 | 33·6 | 26·8 | 41 | 18 | 34 | 7·8 | 7·1 | 8·7 | 0 | 0 | 3 | SE | 1 | NE | 2 | NE | 3 | 0·0 | 12·5 |
| 17 | 14·5 | 11·6 | 13·5 | 35·5 | 19·0 | 22·8 | 34·2 | 28·4 | 48 | 22 | 25 | 10·0 | 9·0 | 7·1 | 5 | 0 | 0 | SE | 1 | NE | 2 | N | 1 | 0·0 | 11·8 |
| 18 | 14·1 | 11·9 | 13·3 | 38·0 | 17·0 | 23·2 | 37·4 | 29·2 | 49 | 12 | 17 | 10·3 | 5·8 | 5·2 | 3 | 4 | 3 | N | 1 | NE | 2 | N | 1 | 0·0 | 12·8 |
| 19 | 14·3 | 11·7 | 13·5 | 38·0 | 17·5 | 25·8 | 36·4 | 30·2 | 46 | 14 | 37 | 11·2 | 6·3 | 11·8 | 2 | 0 | 3 | N | 1 | NE | 2 | N | 1 | 0·0 | 12·5 |
| 20 | 15·6 | 13·1 | 13·9 | 35·5 | 19·5 | 23·8 | 34·6 | 26·8 | 52 | 17 | 31 | 11·5 | 7·1 | 8·1 | 2 | 0 | 0 | N | 4 | N | 2 | N | 1 | 0·0 | 13·5 |
| 21 | 15·1 | 13·5 | 13·8 | 35·5 | 16·0 | 20·8 | 33·2 | 25·6 | 56 | 12 | 19 | 10·3 | 4·8 | 4·6 | 0 | 0 | 3 | N | 3 | NE | 2 | N | 1 | 0·0 | 9·7 |
| 22 | 15·7 | 12·8 | 14·1 | 33·5 | 12·5 | 21·2 | 32·6 | 23·8 | 32 | 11 | 18 | 5·9 | 4·0 | 3·8 | 0 | 3 | 3 | N | 1 | N | 1 | N | 1 | 0·0 | 13·0 |
| 23 | 14·2 | 12·5 | 12·8 | 35·0 | 17·0 | 24·2 | 34·4 | 22·8 | 18 | 8 | 24 | 4·1 | 3·5 | 4·9 | 0 | 3 | 2 | NE | 1 | NW | 1 | NW | 1 | 0·0 | 12·0 |
| 24 | 15·0 | 12·7 | 14·3 | 37·5 | 15·0 | 25·2 | 35·8 | 27·2 | 31 | 6 | 11 | 7·3 | 2·6 | 3·0 | 0 | 4 | 5 | NE | 1 | N | 2 | NW | 1 | 0·0 | 11·5 |
| 25 | 15·1 | 13·1 | 13·5 | 39·5 | 17·0 | 25·6 | 38·2 | 28·8 | 40 | 7 | 17 | 9·5 | 3·3 | 4·9 | 3 | 6 | 0 | NE | 1 | NW | 3 | N | 1 | 0·0 | 12·2 |
| 26 | 16·0 | 13·4 | 15·0 | 39·0 | 20·0 | 27·4 | 37·8 | 27·6 | 37 | 9 | 21 | 10·2 | 4·5 | 5·9 | 4 | 7 | 0 | N | 1 | NW | 1 | N | 1 | 0·0 | 12·5 |
| 27 | 16·0 | 13·3 | 13·5 | 38·5 | 20·5 | 26·8 | 37·2 | 27·2 | 17 | 5 | 17 | 4·4 | 2·4 | 4·4 | 4 | 5 | 0 | NE | 1 | W | 1 | N | 1 | 0·0 | 11·2 |
| 28 | 15·1 | 13·6 | 14·8 | 36·0 | 19·0 | 24·2 | 34·2 | 30·2 | 12 | 8 | 16 | 2·7 | 3·0 | 5·2 | 5 | 7 | 8 | N | 1 | S | 3 | N | 1 | 0·0 | 14·0 |
| 29 | 16·6 | 12·3 | 13·6 | 38·5 | 19·0 | 27·2 | 37·6 | 27·8 | 24 | 8 | 14 | 6·4 | 3·7 | 3·8 | 3 | 0 | 0 | N | 1 | W | 1 | NW | 1 | 0·0 | 13·0 |
| 30 | 15·0 | 12·2 | 13·4 | 39·0 | 17·5 | 27·2 | 38·0 | 28·6 | 44 | 12 | 27 | 12·0 | 5·7 | 7·9 | 0 | 0 | 0 | N | 1 | NW | 1 | N | 1 | 0·0 | 11·0 |
| 31 | 16·7 | 13·9 | 13·3 | 39·0 | 18·0 | 26·8 | 37·6 | 29·4 | 40 | 11 | 17 | 10·3 | 5·3 | 5·1 | 0 | 0 | 0 | NW | 1 | NW | 1 | N | 1 | 0·0 | 12·7 |
| Month | 15·78 | 13·38 | 14·47 | 35·4 | 16·1 | 22·6 | 34·3 | 26·4 | 39 | 15 | 23 | 8·0 | 5·8 | 6·0 | 2·2 | 1·9 | 1·3 | — | 1·2 | — | 1·7 | — | 1·3 | 0·0 | 10·51 |

**Remarks:—**

$C_h = +41$ mm.

## April 1913.

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16·0 | 13.2 | 13·9 | 39·5 | 19·0 | 27·2 | 38·4 | 28·2 | 17 | 6 | 13 | 4·4 | 3·2 | 3·8 | 2 | 0 | 0 | SW | 1 | NW | 1 | NW | 1 | 0·0 | 11·5 |
| 2 | 16·6 | 13·9 | 14·0 | 39·5 | 17·4 | 30·4 | 38·2 | 28·8 | 25 | 10 | 14 | 8·1 | 4·9 | 4·0 | 0 | 0 | 0 | N | 1 | N | 1 | NE | 1 | 0·0 | 16·2 |
| 3 | 13·9 | 11·8 | 13·0 | 39·5 | 22·0 | 31·4 | 38·8 | 30·8 | 18 | 11 | 17 | 6·2 | 5·6 | 5·7 | 0 | 0 | 0 | NE | 1 | N | 2 | NE | 1 | 0·0 | 15·2 |
| 4 | 14·3 | 9.4 | 11·2 | 41·5 | 25·0 | 30·2 | 39·4 | 31·6 | 26 | 10 | 9 | 8·2 | 5·2 | 3·1 | 0 | 0 | 0 | NE | 2 | N | 2 | N | 1 | 0·0 | 18·2 |
| 5 | 13·9 | 12·1 | 13·8 | 39·5 | 23·0 | 28·2 | 38·2 | 31·8 | 36 | 13 | 18 | 10·4 | 6·9 | 6·3 | 2 | 3 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 17·7 |
| 6 | 14·9 | 12·2 | 13·7 | 38·5 | 19·2 | 27·8 | 37·2 | 27·6 | 33 | 8 | 10 | 9·0 | 3·9 | 2·8 | 0 | 0 | 0 | E | 1 | NW | 2 | N | 1 | 0·0 | 14·5 |
| 7 | 14·7 | 11·5 | 12·3 | 38·0 | 19·2 | 26·2 | 37·4 | 28·8 | 20 | 9 | 11 | 5·0 | 4·1 | 3·1 | 0 | 0 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 16·5 |
| 8 | 13·4 | 10·5 | 12·8 | 40·0 | 18·0 | 26·8 | 39·4 | 28·8 | 23 | 13 | 12 | 6·1 | 6·9 | 3·4 | 0 | 0 | 0 | NW | 1 | N | 1 | N | 1 | 0·0 | 16·2 |
| 9 | 12·3 | 10·3 | 11·3 | 41·0 | 17·4 | 25·4 | 40·2 | 30·6 | 31 | 17 | 17 | 7·5 | 9·6 | 5·8 | 0 | 0 | 0 | SE | 1 | NW | 1 | N | 1 | 0·0 | 12·7 |
| 10 | 13·0 | 11·7 | 12·2 | 40·5 | 21·7 | 29·4 | 40·2 | 32·4 | 40 | 13 | 25 | 12·3 | 7·4 | 9·1 | 0 | 0 | 0 | W | 1 | N | 1 | N | 1 | 0·0 | 15·0 |
| 11 | 13·7 | 11·9 | 12·2 | 38·0 | 23·0 | 28·2 | 36·8 | 31·8 | 39 | 20 | 16 | 11·0 | 9·5 | 5·7 | 0 | 0 | 0 | N | 1 | NE | 2 | N | 1 | 0·0 | 17·0 |
| 12 | 14·4 | 11·6 | 12·0 | 38·5 | 19·2 | 30·4 | 37·4 | 26·8 | 25 | 23 | 18 | 8·1 | 10·9 | 4·7 | 4 | 0 | 0 | N | 1 | NE | 1 | N | 1 | 0·0 | 13·2 |
| 13 | 13·4 | 10·8 | 11·9 | 41·5 | 18·5 | 31·8 | 40·2 | 31·4 | 31 | 23 | 13 | 10·8 | 12·7 | 4·7 | 0 | 0 | 0 | E | 1 | W | 1 | NW | 1 | 0·0 | 15·0 |
| 14 | 14·2 | 10·3 | 11·9 | 40·5 | 19·2 | 29·2 | 39·2 | 30·4 | 54 | 21 | 23 | 16·3 | 11·3 | 7·5 | 0 | 3 | 0 | NE | 1 | NE | 1 | NE | 4 | 0·0 | 14·5 |
| 15 | 12·8 | 10·8 | 11·0 | 41·0 | 26·2 | 32·8 | 39·8 | 31·8 | 25 | 12 | 19 | 9·2 | 6·3 | 6·6 | 0 | 3 | 0 | E | 1 | E | 1 | N | 1 | 0·0 | 14·5 |
| 16 | 12·7 | 10·6 | 10·1 | 40·5 | 25·2 | 31·8 | 40·2 | 31·0 | 33 | 13 | 23 | 11·5 | 7·1 | 7·7 | 0 | 4 | 0 | E | 1 | W | 2 | W | 1 | 0·0 | 13·6 |
| 17 | 13·1 | 9·8 | 10·6 | 41·5 | 25·7 | 32·6 | 40·8 | 32·0 | 29 | 17 | 16 | 10·7 | 9·6 | 5·9 | 0 | 5 | 3 | E | 3 | W | 2 | E | 2 | 0·0 | 14·2 |
| 18 | 12·5 | 9·4 | 10·1 | 42·0 | 28·0 | 32·8 | 41·2 | 34·0 | 30 | 15 | 17 | 10·9 | 8·6 | 6·8 | 0 | 5 | 3 | E | 2 | NE | 2 | N | 1 | 0·0 | 15·5 |
| 19 | 14·4 | 11·5 | 12·1 | 40·5 | 29·2 | 32·2 | 39·6 | 31·2 | 31 | 18 | 27 | 11·3 | 10·3 | 9·2 | 0 | 6 | 8 | S | 4 | SW | 3 | SE | 7 | 0·0 | 14·2 |
| 20 | 15·2 | 12·4 | 13·0 | 40·0 | 24·2 | 30·2 | 38·2 | 31·8 | 34 | 15 | 30 | 10·8 | 7·6 | 10·5 | 6 | 0 | 4 | SW | 1 | SW | 2 | W | 2 | 0·0 | 10·8 |
| 21 | 14·9 | 12·3 | 11·3 | 41·5 | 24·5 | 31·6 | 40·4 | 32·6 | 29 | 23 | 32 | 9·9 | 12·9 | 11·7 | 2 | 4 | 3 | S | 1 | NW | 2 | NE | 1 | 0·0 | 11·7 |
| 22 | 12·7 | 10·6 | 11·5 | 42·5 | 25·2 | 32·2 | 41·4 | 33·6 | 29 | 43 | 16 | 10·2 | 25·5 | 6·1 | 0 | 6 | 5 | S | 1 | E | 1 | N | 1 | 0·0 | 13·2 |
| 23 | 14·6 | 12·8 | 12·9 | 39·5 | 26·0 | 29·6 | 36·8 | 33·2 | 42 | 36 | 33 | 12·9 | 16·6 | 12·4 | 3 | 0 | 0 | S | 3 | S | 2 | W | 1 | 2·4 | 10·4 |
| 24 | 13·8 | 10·2 | 12·0 | 39·5 | 24·0 | 28·2 | 38·2 | 29·8 | 56 | 38 | 49 | 15·8 | 19·1 | 15·2 | 6 | 5 | 8 | SE | 1 | S | 1 | N | 2 | 5·0 | 8·2 |
| 25 | 13·1 | 10·5 | 12·6 | 39·5 | 23·0 | 27·2 | 37·4 | 31·4 | 51 | 27 | 44 | 13·6 | 12·8 | 15·0 | 6 | 3 | 0 | E | 1 | NW | 1 | N | 1 | 0·0 | 10·8 |
| 26 | 14·5 | 11·3 | 12·8 | 38·5 | 22·7 | 28·8 | 37·2 | 32·2 | 49 | 23 | 31 | 14·4 | 11·0 | 11·3 | 0 | 4 | 2 | W | 1 | N | 1 | N | 1 | 0·0 | 12·2 |
| 27 | 14·0 | 12·4 | 12·9 | 40·0 | 25·2 | 30·4 | 39·4 | 34·2 | 30 | 18 | 16 | 11·7 | 9·7 | 6·7 | 0 | 5 | 2 | S | 1 | NW | 1 | N | 1 | 0·0 | 15·2 |
| 28 | 14·6 | 12·4 | 12·4 | 41·0 | 26·5 | 30·8 | 39·4 | 33·2 | 37 | 16 | 18 | 12·1 | 8·6 | 7·0 | 3 | 5 | 0 | S | 1 | S | 1 | W | 1 | 0·0 | 14·7 |
| 29 | 13·6 | 11·8 | 12·8 | 41·5 | 28·0 | 35·4 | 39·2 | 34·6 | 22 | 16 | 19 | 9·3 | 8·7 | 7·8 | 6 | 6 | 0 | SE | 2 | SW | 2 | E | 1 | 0·0 | 17·2 |
| 30 | 13·4 | 9·9 | 11·5 | 42·0 | 28·5 | 34·2 | 41·2 | 33·8 | 23 | 12 | 26 | 9·3 | 6·8 | 10·3 | 3 | 6 | 2 | SE | 1 | S | 1 | E | 1 | 0·0 | 14·2 |
| Month | 13·95 | 11·31 | 12·19 | 40·2 | 23·1 | 30·1 | 39·0 | 31·3 | 32 | 18 | 21 | 10·2 | 9·4 | 7·3 | 1·4 | 2·4 | 1·3 | — | 1·3 | — | 1·4 | — | 1·4 | 7·4 | 14·13 |

**Remarks:—**

# KASSALA.

$\varphi = 15° 28' N.$ $\lambda = 36° 24' E.$ $H = 507{\cdot}8$ m. $h_t = 1{\cdot}1$ m. $h_r = 1{\cdot}0$ m.

$C_h = + 42$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.6 | 9.7 | 13.0 | 42.0 | 27.8 | 34.6 | 39.2 | 33.2 | 27 | 18 | 27 | 10.8 | 9.8 | 10.3 | 0 | 8 | 6 | S | 1 | SW | 2 | E | 1 | 0.0 | 17.2 |
| 2 | 15.4 | 12.4 | 14.0 | 39.0 | 26.5 | 28.4 | 38.8 | 31.8 | 44 | 22 | 30 | 12.6 | 11.5 | 10.5 | 8 | 5 | 2 | W | 1 | N | 1 | E | 2 | 0.0 | 15.2 |
| 3 | 14.7 | 12.6 | 13.1 | 41.0 | 25.5 | 31.8 | 39.6 | 33.8 | 35 | 17 | 18 | 12.2 | 9.5 | 7.0 | 3 | 4 | 0 | N | 1 | N | 1 | NE | 2 | 0.0 | 20.0 |
| 4 | 14.1 | 10.9 | 11.9 | 42.0 | 27.0 | 33.8 | 41.0 | 33.2 | 19 | 12 | 21 | 7.6 | 7.0 | 8.0 | 3 | 6 | 2 | N | 1 | NW | 2 | N | 1 | 0.0 | 17.2 |
| 5 | 14.4 | 11.6 | 12.3 | 41.0 | 27.5 | 31.2 | 39.8 | 35.2 | 35 | 16 | 20 | 11.9 | 9.0 | 8.4 | 3 | 4 | 3 | SW | 3 | NW | 2 | N | 1 | 0.0 | 15.2 |
| 6 | 14.5 | 10.1 | 12.5 | 41.0 | 27.5 | 31.4 | 39.8 | 35.4 | 36 | 23 | 25 | 12.4 | 12.8 | 10.7 | 6 | 7 | 5 | S | 2 | S | 2 | SW | 1 | 0.0 | 13.2 |
| 7 | 14.9 | 10.3 | 12.6 | 41.0 | 28.5 | 32.8 | 39.2 | 34.6 | 36 | 29 | 28 | 13.4 | 15.2 | 11.5 | 3 | 6 | 8 | S | 1 | NW | 1 | N | 2 | 0.0 | 16.2 |
| 8 | 15.3 | 11.3 | 12.9 | — | 25.2 | 29.8 | 38.8 | 33.3 | 38 | 24 | 25 | 12.0 | 12.6 | 9.6 | 0 | 3 | 10 | S | 1 | SW | 1 | SE | 10 | 19.5 | — |
| 9 | 13.9 | 12.8 | 16.6 | — | — | 30.2 | 33.2 | 29.6 | 54 | 51 | 56 | 17.2 | 19.3 | 17.2 | 3 | 5 | 10 | S | 1 | S | 2 | NE | 4 | 4.0 | — |
| 10 | 14.3 | 11.4 | 12.7 | — | — | 24.8 | 30.4 | 30.2 | 64 | 54 | 54 | 14.8 | 17.5 | 17.2 | 3 | 2 | 0 | SW | 1 | SE | 1 | NE | 1 | 0 0 | — |
| 11 | 13.9 | 11.5 | 13.3 | — | — | 27.8 | 32.2 | 31.6 | 41 | 44 | 42 | 11.6 | 16.0 | 14.5 | 0 | 6 | 2 | E | 1 | N | 1 | N | 1 | 0.0 | — |
| 12 | 15.0 | 13.9 | 13.4 | — | — | 29.4 | 33.2 | 32.4 | 43 | 45 | 45 | 13.0 | 16.9 | 16.2 | 0 | 3 | 2 | S | 1 | N | 1 | N | 1 | 0.0 | — |
| 13 | 14.7 | 13.8 | 14.9 | — | — | 29.8 | 34.4 | 33.6 | 33 | — | 43 | 10.4 | — | 16.6 | 0 | 5 | 2 | S | 1 | NE | 1 | NE | 1 | 0.0 | — |
| 14 | 15.0 | 12.0 | 13.3 | — | — | 30.6 | 35.6 | 33.8 | 27 | 36 | 38 | 8.9 | 15.4 | 14.6 | 5 | 7 | 8 | S | 2 | N | 1 | N | 1 | 0.0 | — |
| 15 | 15.9 | 12.6 | 13.3 | — | — | 30.2 | 36.4 | 34.4 | 39 | 25 | 28 | 12.5 | 11.5 | 11.3 | 4 | 0 | 4 | S | 2 | W | 1 | N | 1 | 0.0 | — |
| 16 | 16.1 | 12.3 | 13.8 | — | — | 29.4 | 36.2 | 33.8 | 46 | 30 | 28 | 14.0 | 13.5 | 11.0 | 0 | 4 | 3 | S | 1 | NE | 1 | N | 1 | 0.0 | — |
| 17 | 14.5 | 12.3 | 13.3 | — | — | 30.0 | 35.6 | 33.2 | 15 | 50 | 33 | 4.7 | 21.6 | 12.4 | 0 | 0 | 2 | NE | 1 | N | 2 | N | 1 | 0.0 | — |
| 18 | 15.5 | 13.9 | 13.5 | — | — | 27.8 | 33.4 | 31.8 | 57 | 26 | 30 | 15.7 | 9.8 | 10.5 | 0 | 2 | 4 | N | 1 | N | 1 | N | 1 | 0.0 | — |
| 19 | 15.2 | 13.2 | 13.5 | — | — | 27.2 | 37.2 | 28.8 | 22 | 8 | 18 | 5.8 | 3.9 | 5.1 | 5 | 7 | 5 | N | 1 | W | 1 | NW | 1 | 0.0 | — |
| 20 | 14.2 | 12.9 | 12.6 | — | — | 29.6 | 38.2 | 29.4 | 28 | 8 | 21 | 8.6 | 4.3 | 6.5 | 3 | 4 | 6 | S | 1 | NE | 2 | N | 1 | 0.0 | — |
| 21 | 13.8 | 11.1 | 12.8 | — | — | 32.2 | 40.2 | 32.4 | 24 | 12 | 17 | 8.6 | 6.4 | 6.2 | 0 | 3 | 2 | SE | 1 | NE | 1 | N | 1 | 0.0 | — |
| 22 | 12.5 | 9.9 | 11.6 | — | — | 36.0 | 40.8 | 35.4 | 19 | 12 | 12 | 8.2 | 6.7 | 5.0 | 0 | 5 | 0 | NE | 1 | NE | 2 | NE | 2 | 0.0 | — |
| 23 | 12.7 | 9.2 | 11.3 | — | — | 35.4 | 41.4 | 35.8 | 19 | 20 | 22 | 8.3 | 11.9 | 9.7 | 0 | 5 | 4 | S | 1 | SE | 1 | W | 1 | 0.0 | — |
| 24 | 14.0 | 10.9 | 11.1 | — | — | 33.2 | 40.8 | 33.4 | 30 | 29 | 18 | 11.3 | 16.8 | 7.2 | 2 | 4 | 0 | S | 2 | E | 1 | NE | 1 | 0.0 | — |
| 25 | 13.8 | 10.7 | 10.8 | 42.2 | — | 32.8 | 41.2 | 30.4 | 28 | 13 | 35 | 10.2 | 7.6 | 11.3 | 0 | 5 | 2 | S | 1 | S | 1 | S | 1 | 0.0 | — |
| 26 | 15.9 | 13.3 | 13.6 | 39.1 | 27.0 | 30.4 | 37.6 | 31.4 | 38 | 19 | 33 | 12.4 | 9.3 | 11.4 | 4 | 0 | 0 | S | 2 | NW | 1 | N | 1 | 0.0 | 11.2 |
| 27 | 15.7 | 12.5 | 13.0 | 40.0 | 25.5 | 29.4 | 39.2 | 30.2 | 37 | 18 | 31 | 11.3 | 9.8 | 9.8 | 0 | 0 | 0 | S | 2 | N | 1 | N | 1 | 0.0 | 13.0 |
| 28 | 15.2 | 11.0 | 12.3 | 41.0 | 26.0 | 32.2 | 39.6 | 34.0 | 12 | 13 | 20 | 4.2 | 6.8 | 7.8 | 0 | 0 | 0 | N | 1 | NE | 2 | NE | 3 | 0.0 | 20.4 |
| 29 | 13.4 | 11.4 | 12.7 | 40.0 | 23.1 | 31.4 | 39.2 | 34.2 | 26 | 21 | 24 | 9.1 | 11.3 | 9.7 | 0 | 0 | 2 | NE | 3 | NE | 4 | NE | 2 | 0.0 | 20.2 |
| 30 | 13.5 | 12.8 | 13.7 | 40.0 | 21.1 | 33.8 | 39.6 | 31.6 | 16 | 11 | 27 | 6.3 | 5.8 | 9.3 | 0 | 0 | 0 | N | 2 | N | 2 | N | 1 | 0.0 | 16.0 |
| 31 | 15.1 | 12.5 | 13.4 | 39.6 | 20.6 | 28.2 | 39.2 | 31.4 | 18 | 8 | 10 | 5.2 | 4.3 | 3.2 | 0 | 2 | 0 | N | 1 | W | 2 | NW | 1 | 0.0 | 13.5 |
| Month | 14.51 | 11.83 | 12.99 | — | — | 30.8 | 37.8 | 32.7 | 32 | 24 | 28 | 10.5 | 11.1 | 10.3 | 1.8 | 3.6 | 3.0 | — | 1.4 | — | 1.5 | — | 1.6 | 23.5 | — |

**Remarks** :—2 ∕. <.—7 ∕. <.—8 K. ∕.—9 K. ∕.

$C_h = + 42$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.8 | 12.1 | 13.1 | 39.1 | 19.7 | 28.8 | 38.4 | 29.2 | 18 | 6 | 15 | 5.1 | 3.2 | 4.6 | 0 | 0 | 0 | N | 1 | NW | 1 | NW | 1 | 0.0 | 12.3 |
| 2 | 14.9 | 12.4 | 13.3 | 38.1 | 18.7 | 28.8 | 37.4 | 28.8 | 22 | 8 | 7 | 6.3 | 3.8 | 2.0 | 0 | 0 | 0 | N | 1 | NW | 1 | N | 1 | 0.0 | 12.8 |
| 3 | 15.4 | 12.3 | 13.4 | 38.1 | 19.2 | 27.8 | 37.2 | 28.8 | 20 | 12 | 17 | 5.5 | 5.5 | 4.9 | 2 | 0 | 0 | N | 1 | NW | 1 | N | 1 | 0.0 | 12.5 |
| 4 | 15.3 | 12.7 | 13.9 | 39.1 | 19.2 | 29.8 | 38.4 | 30.2 | 17 | 6 | 17 | 5.4 | 3.2 | 5.5 | 4 | 3 | 0 | NE | 1 | NE | 1 | N | 1 | 0.0 | 13.0 |
| 5 | 13.9 | 11.4 | 13.0 | 40.6 | 21.1 | 29.4 | 39.4 | 32.4 | 17 | 34 | 20 | 5.1 | 17.9 | 7.2 | 3 | 8 | 9 | N | 1 | W | 1 | N | 1 | 0.0 | 12.0 |
| 6 | 13.7 | 11.1 | 11.3 | 42.0 | 23.1 | 32.2 | 40.4 | 31.8 | 12 | 6 | 17 | 4.2 | 3.6 | 6.0 | 0 | 0 | 0 | N | 1 | NW | 1 | N | 1 | 0.0 | 11.5 |
| 7 | 13.0 | 10.4 | 11.6 | 42.5 | 23.1 | 30.8 | 41.8 | 31.4 | 10 | 7 | 17 | 3.3 | 4.4 | 5.9 | 0 | 0 | 0 | NW | 1 | NW | 2 | N | 1 | 0.0 | 14.0 |
| 8 | 12.6 | 10.2 | 11.1 | 43.5 | 23.6 | 31.4 | 42.2 | 33.2 | 11 | 7 | 17 | 3.8 | 4.2 | 6.7 | 2 | 4 | 3 | N | 1 | N | 1 | N | 1 | 0.0 | 15.0 |
| 9 | 12.5 | 10.9 | 12.5 | 44.0 | 26.5 | 33.2 | 42.8 | 33.0 | 11 | 21 | 18 | 4.2 | 13.5 | 6.8 | 0 | 0 | 0 | S | 1 | SW | 1 | S | 1 | 0.0 | 15.5 |
| 10 | 13.5 | 12.4 | 11.9 | 44.0 | 28.5 | 33.2 | 42.8 | 35.4 | 16 | 8 | 16 | 6.4 | 4.8 | 6.9 | 5 | 3 | 2 | SE | 2 | SE | 1 | S | 1 | 0.0 | 16.5 |
| 11 | 13.5 | 11.1 | 11.3 | 43.0 | 30.1 | 34.2 | 41.6 | 34.2 | 19 | 8 | 14 | 7.7 | 4.9 | 5.8 | 0 | 3 | 2 | S | 5 | S | 1 | SW | 1 | 0.0 | 18.5 |
| 12 | 12.8 | 11.5 | 12.2 | 42.0 | 24.6 | 32.2 | 41.4 | 32.4 | 13 | 7 | 9 | 4.8 | 4.0 | 3.2 | 0 | 3 | 3 | S | 1 | NW | 1 | N | 1 | 0.0 | 13.6 |
| 13 | 15.2 | 12.3 | 14.9 | 40.5 | 20.4 | 30.2 | 40.2 | 31.8 | 16 | 7 | 12 | 5.2 | 3.7 | 4.2 | 3 | 0 | 3 | N | 1 | W | 1 | N | 1 | 0.0 | 16.5 |
| 14 | 15.8 | 14.1 | 14.6 | 39.1 | 22.1 | 31.8 | 38.6 | 28.8 | 9 | 7 | 18 | 3.3 | 3.7 | 5.4 | 0 | 4 | 2 | N | 2 | W | 3 | W | 1 | 0.0 | 15.0 |
| 15 | 15.8 | 14.2 | 15.7 | 38.6 | 20.1 | 30.2 | 37.8 | 29.2 | 10 | 7 | 17 | 3.1 | 3.6 | 5.2 | 2 | 0 | 0 | NW | 1 | W | 2 | SW | 1 | 0.0 | 15.2 |
| 16 | 16.1 | 12.5 | 13.4 | 39.1 | 21.1 | 32.4 | 38.6 | 30.4 | 11 | 9 | 13 | 4.1 | 4.7 | 4.1 | 3 | 5 | 2 | W | 1 | SW | 1 | SW | 1 | 0.0 | 14.2 |
| 17 | 16.2 | 12.3 | 13.9 | 40.5 | 19.2 | 31.4 | 39.2 | 29.4 | 5 | 7 | 24 | 1.8 | 3.7 | 7.5 | 0 | 0 | 2 | S | 1 | NW | 1 | SW | 1 | 0.0 | 15.0 |
| 18 | 15.0 | 12.1 | 13.1 | 40.5 | 22.6 | 31.2 | 39.4 | 30.8 | 7 | 11 | 25 | 2.5 | 5.9 | 8.2 | 2 | 2 | 3 | S | 2 | N | 1 | NW | 1 | 0.0 | 15.0 |
| 19 | 15.5 | 13.8 | 13.3 | 40.5 | 21.6 | 31.6 | 39.0 | 30.6 | 16 | 22 | 21 | 5.8 | 11.4 | 7.0 | 3 | 3 | 6 | SW | 2 | NW | 1 | N | 1 | 0.0 | 14.0 |
| 20 | 15.9 | 13.3 | 13.9 | 40.0 | 23.1 | 29.2 | 38.6 | 30.4 | 29 | 7 | 8 | 8.8 | 3.4 | 2.4 | 0 | 0 | 0 | S | 1 | NW | 1 | N | 1 | 0.0 | 14.0 |
| 21 | 15.2 | 12.1 | 12.4 | 40.5 | 23.6 | 30.8 | 39.2 | 33.2 | 10 | 5 | 18 | 3.3 | 2.7 | 6.8 | 4 | 6 | 7 | NW | 1 | SW | 1 | NW | 1 | 0.0 | 18.0 |
| 22 | 14.9 | 13.2 | 13.7 | 42.2 | 28.0 | 31.2 | 38.2 | 34.2 | 35 | 16 | 17 | 11.9 | 8.3 | 7.0 | 0 | 3 | 4 | SE | 3 | SE | 2 | S | 1 | 0.0 | 18.0 |
| 23 | 14.8 | 13.2 | 13.4 | 41.0 | 27.0 | 30.2 | 39.2 | 33.6 | 36 | 18 | 24 | 11.5 | 9.4 | 9.4 | 0 | 1 | 3 | SE | 3 | SE | 1 | W | 1 | 0.0 | 16.0 |
| 24 | 14.6 | 12.2 | 12.9 | 40.0 | 28.0 | 30.6 | 39.0 | 33.6 | 39 | 22 | 32 | 12.6 | 11.8 | 12.5 | 0 | 2 | 2 | SE | 4 | SE | 2 | E | 1 | 0.0 | 13.0 |
| 25 | 15.8 | 13.6 | 13.6 | 38.1 | 25.0 | 28.4 | 36.8 | 33.0 | 48 | 30 | 30 | 13.6 | 13.5 | 11.1 | 0 | 4 | 3 | S | 3 | SE | 2 | S | 1 | 0.0 | 12.0 |
| 26 | 15.8 | 12.8 | 13.3 | 43.0 | 25.0 | 28.4 | 39.2 | 35.8 | 49 | 18 | 28 | 13.9 | 9.4 | 11.9 | 0 | 0 | 10 | SE | 4 | SE | 4 | S | 8 | 4.5 | 12.5 |
| 27 | 15.8 | 14.4 | 15.4 | 35.6 | 22.5 | 27.4 | 33.8 | 32.2 | 71 | 52 | 54 | 19.3 | 20.6 | 19.5 | 0 | 5 | 4 | SE | 2 | SE | 2 | SE | 3 | 0.0 | 11.0 |
| 28 | 17.5 | 15.0 | 16.1 | 35.1 | 22.6 | 25.8 | 33.4 | 29.2 | 58 | 34 | 46 | 14.2 | 13.0 | 13.8 | 7 | 6 | 4 | S | 2 | SE | 2 | E | 4 | 0.0 | 13.5 |
| 29 | 15.8 | 13.8 | 13.9 | 38.6 | 24.1 | 29.6 | 36.0 | 33.2 | 36 | 25 | 27 | 11.2 | 11.0 | 10.3 | 4 | 6 | 2 | SE | 2 | W | 1 | N | 2 | 0.0 | 13.5 |
| 30 | 16.1 | 14.4 | 14.0 | 37.6 | 24.6 | 28.2 | 36.6 | 33.2 | 46 | 25 | 28 | 13.0 | 11.4 | 10.6 | 6 | 7 | 4 | S | 2 | SE | 2 | W | 2 | 0.0 | 14.0 |
| Month | 14.92 | 12.59 | 13.34 | 40.2 | 23.3 | 30.3 | 38.9 | 31.8 | 24 | 15 | 21 | 7.4 | 7.5 | 7.4 | 1.7 | 2.6 | 2.7 | — | 1.8 | — | 1.4 | — | 1.5 | 4.5 | 14.25 |

**Remarks** :—26 K, ∕.—27 K, ∕.—28 <, ∕.

# KASSALA.

$\varphi = 15^\circ\ 28'$ N. $\lambda = 36^\circ\ 24'$ E. H = 507·8 m. $h_t = 1·1$ m. $h_r = 1·0$ m.

$C_h$ = + 42 mm.

## July 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15·7 | 12·5 | 13·3 | 39·6 | 25·5 | 33·4 | 38·6 | 33·4 | 26 | 19 | 31 | 9·8 | 9·8 | 11·9 | 0 | 3 | 0 | SE | 2 | W | 3 | W | 1 | 0·0 | 14·0 |
| 2 | 15·8 | 13·8 | 13·9 | 39·6 | 24·6 | 27·8 | 36·8 | 34·2 | 49 | 43 | 44 | 13·6 | 19·6 | 17·5 | 1 | 5 | 7 | S | 2 | W | 2 | S | 1 | 0·0 | 14·0 |
| 3 | 15·4 | 12·9 | 14·4 | 40·0 | 25·5 | 28·8 | 37·8 | 27·8 | 43 | 25 | 43 | 12·7 | 12·5 | 12·3 | 2 | 4 | 7 | SE | 3 | SE | 2 | S | 4 | 2·0 | 15·0 |
| 4 | 16·0 | 14·4 | 14·5 | 38·1 | 23·1 | 27·6 | 36·6 | 31·8 | 41 | 22 | 34 | 11·4 | 10·3 | 11·8 | 4 | 0 | 0 | SE | 2 | W | 2 | W | 1 | 0·0 | 15·5 |
| 5 | 16·9 | 15·0 | 14·6 | 37·6 | 24·6 | 28·2 | 36·4 | 33·8 | 40 | 25 | 26 | 11·4 | 11·2 | 10·3 | 2 | 0 | 8 | S | 2 | SE | 2 | SE | 1 | 0·0 | 13·0 |
| 6 | 16·3 | 13·9 | 13·9 | 37·1 | 25·0 | 27·6 | 36·4 | 32·4 | 43 | 22 | 33 | 12·1 | 10·4 | 11·8 | 1 | 2 | 1 | S | 2 | SE | 2 | W | 1 | 1·5 | 13·0 |
| 7 | 16·3 | 14·4 | 15·4 | 36·6 | 23·6 | 27·6 | 35·6 | 32·0 | 44 | 24 | 32 | 12·4 | 10·2 | 11·4 | 0 | 4 | 5 | SW | 1 | S | 2 | S | 2 | 0·0 | 16·8 |
| 8 | 14·3 | 13·3 | 14·3 | 39·1 | 24·1 | 29·8 | 38·2 | 31·2 | 36 | 18 | 30 | 11·4 | 9·3 | 10·2 | 0 | 7 | 8 | S | 2 | SE | 1 | S | 4 | 7·5 | 13·2 |
| 9 | 14·9 | 13·9 | 13·7 | 37·1 | 22·1 | 26·6 | 36·0 | 31·6 | 49 | 25 | 38 | 12·7 | 10·7 | 13·0 | 1 | 0 | 2 | SE | 2 | SE | 2 | SE | 2 | 16·5 | 12·5 |
| 10 | 16·4 | 13·5 | 14·6 | 35·6 | 23·1 | 26·4 | 34·8 | 31·6 | 33 | 31 | 39 | 8·4 | 12·9 | 13·4 | 7 | 6 | 4 | S | 3 | W | 1 | S | 2 | 6·0 | 12·5 |
| 11 | 15·0 | 14·0 | 15·2 | 32·5 | 20·6 | 24·4 | 31·4 | 27·8 | 59 | 33 | 43 | 13·4 | 11·4 | 12·3 | 8 | 7 | 4 | S | 4 | S | 2 | SW | 1 | 21·0 | 11·5 |
| 12 | 15·4 | 14·0 | 15·0 | 33·5 | 20·1 | 26·2 | 33·2 | 29·8 | 49 | 27 | 37 | 12·3 | 10·0 | 11·7 | 6 | 4 | 7 | SE | 2 | S | 2 | SW | 2 | 0·0 | 11·0 |
| 13 | 17·1 | 14·7 | 15·0 | 36·6 | 22·1 | 29·8 | 35·4 | 32·4 | 33 | 24 | 38 | 10·4 | 10·3 | 13·6 | 5 | 6 | 4 | S | 2 | SW | 2 | NW | 1 | 0·0 | 15·5 |
| 14 | 16·4 | 14·4 | 14·0 | 38·6 | 26·0 | 29·2 | 36·4 | 32·8 | 34 | 26 | 33 | 10·4 | 11·9 | 12·0 | 0 | 4 | 10 | S | 2 | SW | 2 | W | 6 | 5·5 | 17·5 |
| 15 | 15·1 | 14·3 | 13·8 | 36·1 | 24·1 | 26·6 | 34·2 | 31·4 | 48 | 25 | 31 | 12·3 | 10·0 | 10·7 | 7 | 7 | 8 | SE | 3 | SW | 4 | S | 1 | 0·0 | 18·0 |
| 16 | 14·5 | 13·4 | 14·6 | 36·6 | 23·1 | 28 6 | 36·2 | 28·8 | 37 | 18 | 37 | 10·8 | 8·1 | 11·0 | 2 | 4 | 8 | SE | 2 | SW | 2 | W | 3 | 3·0 | 18·5 |
| 17 | 16·5 | 15·7 | 15·8 | 34·0 | 22·1 | 23·8 | 32·8 | 29·8 | 66 | 33 | 39 | 14·4 | 12·0 | 12·4 | 8 | 6 | 0 | SE | 3 | SW | 3 | S | 2 | 0·0 | 17·5 |
| 18 | 16·9 | 14·7 | 14·3 | 37·1 | 23·1 | 26·6 | 35·8 | 32·2 | 47 | 28 | 35 | 12·0 | 11·9 | 12·7 | 0 | 7 | 3 | S | 2 | W | 1 | Calm | 0 | 0·0 | 14·5 |
| 19 | 15·8 | 13·4 | 13·2 | 38·1 | 25·0 | 29·2 | 36·6 | 31·2 | 35 | 26 | 34 | 10·7 | 12·1 | 11·5 | 3 | 7 | 4 | SW | 2 | SW | 2 | SE | 2 | 0·0 | 14·5 |
| 20 | 14·1 | 12·7 | 13·3 | 37·1 | 24·6 | 27·8 | 35·8 | 30·4 | 42 | 25 | 37 | 11·9 | 10·8 | 12·0 | 6 | 7 | 9 | S | 3 | SW | 4 | S | 3 | 26·0 | 13·5 |
| 21 | 15·3 | 14·0 | 14·5 | 33·0 | 21·1 | 23·4 | 31·8 | 28·8 | 65 | 36 | 48 | 14·0 | 12·6 | 14·1 | 7 | 7 | 10 | S | 3 | SE | 2 | S | 2 | 0·0 | 7·3 |
| 22 | 16·8 | 15·2 | 15·6 | 33·5 | 22·7 | 25·2 | 31·2 | 29·6 | 71 | 42 | 48 | 17·0 | 14·4 | 14·6 | 9 | 8 | 6 | S | 3 | SW | 2 | S | 2 | 0·0 | 10·5 |
| 23 | 15·1 | 13·0 | 13·9 | 36·1 | 25·1 | 30·2 | 35·6 | 28·8 | 43 | 28 | 51 | 13·5 | 12·0 | 14·8 | 8 | 8 | 9 | S | 2 | NW | 2 | S | 2 | 5·5 | 11·5 |
| 24 | 14·1 | 12·1 | 13·8 | 34·5 | 23·6 | 30·6 | 33·2 | 25·8 | 43 | 42 | 65 | 14·0 | 15·7 | 15·9 | 4 | 9 | 6 | SE | 1 | SW | 3 | E | 2 | 4·0 | 10·5 |
| 25 | 15·9 | 13·9 | 17·0 | 34·0 | 23·6 | 26·4 | 33·4 | 24·2 | 57 | 36 | 71 | 14·5 | 13·7 | 15·8 | 9 | 7 | 10 | S | 2 | S | 2 | W | 3 | 35·0 | 11·3 |
| 26 | 16·6 | 14·7 | 15·6 | 33·0 | 20·7 | 26·2 | 32·4 | 29·4 | 57 | 40 | 49 | 14·3 | 14·3 | 14·7 | 9 | 7 | 10 | SE | 1 | SW | 2 | W | 1 | 0·0 | 15·3 |
| 27 | 17·8 | 15·0 | 15·2 | 34·0 | 23·4 | 25·2 | 31·8 | 26·8 | 69 | 41 | 61 | 16·3 | 14·4 | 16·0 | 7 | 4 | 10 | S | 2 | SW | 2 | SE | 3 | 0·0 | 16·5 |
| 28 | 15·9 | 13·5 | 14·6 | 34·0 | 24·5 | 27·2 | 33·2 | 26·8 | 60 | 38 | 61 | 16·1 | 14·2 | 16·0 | 6 | 7 | 10 | S | 2 | SW | 2 | SE | 2 | 17·0 | 16·5 |
| 29 | 15·4 | 13·1 | 13·5 | 35·1 | 25·0 | 26·8 | 34·2 | 30·2 | 63 | 32 | 49 | 16·3 | 12·9 | 15·7 | 7 | 6 | 8 | SE | 2 | SW | 2 | S | 2 | 0·0 | 12·5 |
| 30 | 16·0 | 13·7 | 15·5 | 35·1 | 26·0 | 28·0 | 34·2 | 27·2 | 58 | 38 | 60 | 16·3 | 15·1 | 16·1 | 8 | 9 | 9 | S | 2 | SE | 2 | SE | 2 | 0·0 | 11·5 |
| 31 | 17·2 | 14·9 | 15·7 | 33·0 | 22·6 | 25·6 | 32·2 | 26·2 | 60 | 39 | 58 | 14·6 | 14·1 | 14·6 | 6 | 8 | 8 | S | 3 | SW | 2 | NE | 2 | 10·0 | 11·5 |
| Month | 15·82 | 13·94 | 14·57 | 36·0 | 23·6 | 27·4 | 34·8 | 30·0 | 48 | 30 | 43 | 12·9 | 12·2 | 13·3 | 4·8 | 5·5 | 6·3 | — | 2·2 | — | 2·1 | — | 2·0 | 160·5 | 13·75 |

**Remarks** :—3 ꓘ, ⌁.—6 ꓘ, ⌁.—8 ꓘ, ⌁.—9 ꓘ, ⌁.—10 ꓘ, ⌁.—11 ꓘ, ⌁.—14 ꓘ, ⌁.—16 ꓘ, ⌁.—20 ꓘ, ⌁.—23 ꓘ. ⌁.—24 ꓘ. ⌁.—25 ꓘ, ⌁.—28 ꓘ, ⌁.—31 ꓘ.

$C_h$ = + 42 mm.

## August 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16·8 | 13·6 | 15·2 | 33·5 | 24·6 | 27·4 | 31·2 | 26·2 | 53 | 38 | 58 | 14·2 | 12·9 | 14·0 | 9 | 8 | 10 | S | 2 | SW | 2 | SE | 2 | 4·5 | 10·5 |
| 2 | 16·1 | 13·4 | 13·6 | 34·5 | 21·7 | 25·8 | 33·8 | 30·6 | 60 | 34 | 41 | 14·9 | 13·5 | 13·3 | 3 | 6 | 0 | SE | 2 | SW | 2 | SE | 2 | 0·0 | 10·3 |
| 3 | 15·7 | 13·7 | 14·9 | 34·6 | 23·4 | 25·2 | 33·8 | 28·8 | 63 | 35 | 49 | 14·9 | 13·8 | 14·4 | 9 | 7 | 10 | S | 2 | SW | 2 | E | 2 | 4·5 | 9·3 |
| 4 | 15·7 | 14·9 | 15·6 | 34·0 | 22·6 | 24·4 | 32·2 | 28·4 | 69 | 40 | 50 | 15·7 | 14·5 | 14·3 | 8 | 5 | 8 | S | 2 | SW | 2 | SE | 3 | 0·0 | 6·8 |
| 5 | 17·6 | 14·9 | 16·2 | 34·6 | 22·1 | 24·8 | 32·8 | 24·4 | 68 | 38 | 66 | 15·8 | 14·1 | 15·0 | 2 | 4 | 10 | SW | 3 | SW | 1 | S | 4 | 0·0 | 8·0 |
| 6 | 16·6 | 14·5 | 14·6 | 35·1 | 22·6 | 26·8 | 33·8 | 31·2 | 55 | 35 | 43 | 14·2 | 13·8 | 14·7 | 8 | 4 | 2 | SE | 2 | SW | 2 | SW | 1 | 0·0 | 8·5 |
| 7 | 15·5 | 13·4 | 14·1 | 35·1 | 25·3 | 28·6 | 33·8 | 29·8 | 47 | 35 | 46 | 13·5 | 13·8 | 14·1 | 4 | 8 | 6 | SE | 2 | SE | 2 | SW | 2 | 75·0 | 7·3 |
| 8 | 16·8 | 14·0 | 15·2 | 30·3 | 20·6 | 21·4 | 28·6 | 25·6 | 80 | 49 | 60 | 15·2 | 14·2 | 14·6 | 9 | 7 | 9 | S | 3 | SE | 2 | S | 2 | 0·0 | 7·5 |
| 9 | 15·7 | 13·9 | 14·5 | 30·4 | 21·1 | 24·6 | 30·2 | 26·4 | 66 | 51 | 64 | 15·2 | 16·1 | 16·2 | 9 | 8 | 6 | S | 2 | SW | 2 | S | 2 | 0·0 | 7·3 |
| 10 | 16·6 | 14·2 | 15·8 | 31·5 | 22·7 | 23·8 | 31·2 | 28·6 | 64 | 43 | 53 | 14·0 | 14·7 | 15·2 | 10 | 6 | 9 | SE | 3 | SW | 2 | SW | 2 | 5·0 | 6·5 |
| 11 | 16·6 | 15·0 | 15·6 | 34·0 | 22·7 | 27·4 | 32·8 | 30·2 | 48 | 39 | 48 | 13·2 | 14·5 | 15·3 | 2 | 6 | 4 | S | 2 | SW | 2 | SW | 1 | 0·0 | 7·3 |
| 12 | 16·6 | 14·7 | 14·9 | 35·6 | 24·4 | 27·8 | 34·2 | 30·4 | 51 | 39 | 43 | 14·0 | 15·5 | 13·8 | 0 | 4 | 9 | SW | 2 | SW | 1 | S | 2 | 0·0 | 7·5 |
| 13 | 16·7 | 14·8 | 15·2 | 32·3 | 22·1 | 24·6 | 31·8 | 28·8 | 66 | 43 | 51 | 15·2 | 15·1 | 14·8 | 7 | 4 | 3 | SW | 2 | SW | 2 | S | 1 | 0·0 | 6·5 |
| 14 | 15·7 | 13·1 | 16·0 | 35·1 | 23·6 | 25·6 | 32·6 | 24·8 | 59 | 40 | 65 | 14·3 | 14·6 | 15·1 | 2 | 4 | 10 | S | 2 | SW | 1 | E | 8 | 27·0 | 7·5 |
| 15 | 15·9 | 14·5 | 15·3 | 30·6 | 20·7 | 23·4 | 29·8 | 26·8 | 65 | 46 | 60 | 14·0 | 14·1 | 15·6 | 6 | 2 | 9 | SE | 3 | SW | 2 | SW | 2 | 3·0 | 6·5 |
| 16 | 15·4 | 15·0 | 14·9 | 32·6 | 21·1 | 27·2 | 31·6 | 29·6 | 51 | 42 | 50 | 13·6 | 14·5 | 15·3 | 5 | 2 | 9 | SE | 3 | SW | 2 | SE | 1 | 0·0 | 6·3 |
| 17 | 16·8 | 15·5 | 15·0 | 32·6 | 21·1 | 23·4 | 31·6 | 26·8 | 69 | 42 | 61 | 14·6 | 14·5 | 16·0 | 6 | 4 | 2 | S | 2 | SW | 1 | S | 2 | 0·0 | 7·5 |
| 18 | 16·6 | 15·1 | 14·6 | 34·0 | 21·4 | 24·8 | 32·2 | 30·4 | 67 | 43 | 48 | 15·5 | 15·6 | 15·6 | 0 | 6 | 8 | S | 3 | SW | 2 | S | 2 | 0·0 | 8·0 |
| 19 | 15·2 | 13·7 | 12·9 | 35·0 | 22·6 | 27·2 | 34·4 | 30·8 | 49 | 38 | 52 | 13·3 | 15·4 | 17·2 | 4 | 5 | 3 | SW | 3 | SE | 2 | E | 1 | 0·0 | 9·3 |
| 20 | 14·4 | 12·6 | 12·9 | 36·4 | 24·6 | 26·4 | 34·6 | 27·8 | 55 | 38 | 54 | 13·8 | 15·2 | 15·0 | 5 | 0 | 4 | SW | 2 | SW | 2 | S | 2 | 5·5 | 8·3 |
| 21 | 14·3 | 13·2 | 13·7 | 34·0 | 20·6 | 25·6 | 32·8 | 29·4 | 60 | 42 | 54 | 14·6 | 15·6 | 16·6 | 2 | 0 | 3 | S | 3 | SE | 2 | S | 1 | 0·0 | 7·5 |
| 22 | 16·6 | 14·6 | 15·2 | 34·4 | 21·1 | 25·8 | 32·8 | 28·6 | 59 | 42 | 59 | 14·5 | 15·6 | 17·1 | 0 | 2 | 0 | S | 2 | SW | 1 | S | 2 | 0·0 | 8·0 |
| 23 | 16·5 | 14·2 | 13·9 | 35·3 | 21·6 | 26·2 | 34·6 | 30·4 | 58 | 35 | 44 | 14·6 | 14·1 | 14·1 | 0 | 0 | 0 | S | 2 | W | 2 | E | 2 | 0·0 | 8·3 |
| 24 | 15·5 | 13·1 | 13·8 | 36·1 | 23·6 | 27·8 | 34·8 | 30·6 | 46 | 37 | 46 | 12·9 | 15·1 | 15·1 | 2 | 6 | 0 | S | 2 | SW | 2 | S | 2 | 0·0 | 9·3 |
| 25 | 16·0 | 14·0 | 15·7 | 34·5 | 24·4 | 25·6 | 34·0 | 29·6 | 60 | 39 | 45 | 14·6 | 15·2 | 13·9 | 4 | 5 | 10 | S | 2 | W | 2 | SE | 2 | 0·0 | 8·5 |
| 26 | 17·0 | 15·4 | 15·8 | 35·1 | 22·1 | 28·4 | 34·8 | 31·6 | 46 | 39 | 47 | 13·3 | 15·9 | 16·0 | 4 | 5 | 9 | SE | 2 | SW | 1 | S | 2 | 12·0 | 9·0 |
| 27 | 16·5 | 14·9 | 15·4 | 35·6 | 21·7 | 27·2 | 34·6 | 30·6 | 44 | 39 | 49 | 12·0 | 16·0 | 15·8 | 7 | 0 | 4 | S | 2 | S | 1 | S | 2 | 0·0 | 10·5 |
| 28 | 17·6 | 14·6 | 15·2 | 33·5 | 22·1 | 24·4 | 32·8 | 29·8 | 66 | 43 | 50 | 15·0 | 16·0 | 15·6 | 8 | 4 | 0 | S | 2 | SW | 2 | S | 2 | 0·0 | 8·5 |
| 29 | 17·3 | 14·7 | 15·1 | 35·5 | 22·1 | 26·2 | 34·8 | 30·6 | 56 | 35 | 46 | 13·9 | 14·4 | 15·1 | 0 | 4 | 3 | S | 2 | W | 1 | S | 2 | 19·0 | 8·3 |
| 30 | 15·7 | 13·6 | 13·7 | 35·1 | 21·6 | 26·2 | 34·4 | 29·6 | 64 | 35 | 48 | 16·0 | 14·2 | 14·6 | 0 | 0 | 0 | E | 2 | SW | 1 | W | 2 | 0·0 | 7·5 |
| 31 | 15·3 | 13·5 | 13·3 | 37·4 | 21·4 | 27·4 | 36·2 | 30·2 | 59 | 35 | 51 | 16·0 | 15·4 | 16·1 | 3 | 0 | 0 | SW | 1 | E | 1 | S | 1 | 0·0 | 8·3 |
| Month | 16·17 | 14·20 | 14·77 | 34·1 | 22·4 | 25·9 | 33·0 | 28·9 | 59 | 40 | 52 | 14·4 | 14·8 | 15·2 | 4·5 | 4·1 | 5·2 | — | 2·2 | — | 1·7 | — | 2·1 | 155·5 | 8·08 |

**Remarks** :—1 ꓘ.—3 ꓘ.—7 ꓘ, ⌁.—10 ꓘ.—14 ꓘ, ⌁.—15 ꓘ, ⌁.—20 ꓘ, ⌁.—26 ꓘ, ⌁.—29 ꓘ, ⌁.

# KASSALA.

$\varphi$ = 15° 28′ N. $\lambda$ = 36° 24′ E. H = 507·8 m. $h_t$ = 1·1 m. $h_r$ = 1·0 m.

$C_h$ = + 42 mm.

## September 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16·1 | 14·1 | 14·0 | 36·3 | 24·6 | 27·2 | 34·6 | 30·0 | 56 | 36 | 49 | 15·0 | 14·5 | 15·5 | 6 | 0 | 0 | SE | 2 | W | 2 | SE | 2 | 0·0 | 8·0 |
| 2 | 15·2 | 14·1 | 14·0 | 36·6 | 22·6 | 27·2 | 35·8 | 29·8 | 51 | 28 | 46 | 13·6 | 12·3 | 14·5 | 6 | 0 | 10 | S | 2 | SW | 2 | SE | 8 | 30·0 | 7·5 |
| 3 | 14·1 | 12·8 | 13·5 | 34·4 | 20·6 | 27·0 | 33·0 | 28·6 | 57 | 38 | 57 | 15·2 | 14·3 | 16·3 | 7 | 0 | 0 | E | 2 | W | 2 | S | 1 | 0·0 | 7·3 |
| 4 | 15·2 | 13·6 | 14·1 | 34·5 | 24·1 | 25·4 | 33·4 | 30·2 | 67 | 42 | 53 | 16·1 | 16·0 | 16·8 | 0 | 2 | 9 | SW | 2 | S | 1 | S | 1 | 0·0 | 8·3 |
| 5 | 16·4 | 13·7 | 15·1 | 34·2 | 22·6 | 26·6 | 33·2 | 29·8 | 57 | 35 | 46 | 14·7 | 13·1 | 14·5 | 3 | 2 | 9 | S | 2 | SW | 2 | SE | 2 | 12·0 | 7·8 |
| 6 | 16·4 | 14·0 | 15·0 | 33·0 | 21·1 | 25·0 | 31·4 | 28·6 | 67 | 45 | 58 | 15·7 | 15·3 | 16·7 | 5 | 4 | 9 | S | 2 | SW | 2 | SW | 1 | 0·0 | 7·4 |
| 7 | 16·1 | 13·1 | 14·7 | 36·1 | 22·6 | 25·6 | 35·0 | 28·6 | 67 | 31 | 57 | 16·4 | 13·1 | 16·3 | 7 | 2 | 5 | E | 2 | NW | 1 | E | 1 | 0·0 | 8·3 |
| 8 | 15·9 | 13·7 | 15·8 | 36·6 | 23·1 | 27·8 | 35·4 | 29·6 | 57 | 35 | 45 | 15·7 | 15·1 | 13·9 | 5 | 3 | 10 | S | 2 | W | 1 | S | 3 | 7·0 | 7·3 |
| 9 | 15·8 | 13·7 | 14·6 | 36·1 | 20·1 | 23·2 | 34·8 | 28·6 | 72 | 41 | 61 | 15·1 | 16·7 | 17·8 | 5 | 0 | 0 | E | 2 | S | 1 | SW | 1 | 0·0 | 7·0 |
| 10 | 16·2 | 13·6 | 14·8 | 35·6 | 23·1 | 26·4 | 34·6 | 29·6 | 63 | 39 | 45 | 15·9 | 16·0 | 13·9 | 0 | 2 | 10 | SE | 2 | SW | 1 | E | 2 | 0·0 | 8·3 |
| 11 | 15·2 | 13·3 | 14·5 | 36·3 | 23·1 | 26·2 | 35·4 | 31·2 | 56 | 35 | 44 | 13·9 | 14·8 | 15·1 | 2 | 4 | 10 | SW | 2 | W | 1 | E | 1 | 0·0 | 8·3 |
| 12 | 15·6 | 11·9 | 14·4 | 36·6 | 23·1 | 27·2 | 35·4 | 30·4 | 59 | 39 | 54 | 15·7 | 16·3 | 17·5 | 0 | 0 | 8 | NW | 2 | NE | 1 | NW | 1 | 0·0 | 7·5 |
| 13 | 15·2 | 12·5 | 14·3 | 38·1 | 27·1 | 30·8 | 35·2 | 29·4 | 45 | 39 | 45 | 15·0 | 16·1 | 13·7 | 5 | 6 | 4 | S | 2 | NW | 1 | W | 1 | 0·0 | 9·0 |
| 14 | 15·9 | 13·2 | 13·3 | 37·4 | 23·6 | 28·4 | 36·6 | 30·8 | 56 | 33 | 50 | 16·1 | 15·2 | 16·5 | 0 | 0 | 6 | SW | 1 | NW | 1 | NW | 1 | 0·0 | 8·3 |
| 15 | 15·9 | 12·6 | 13·8 | 38·1 | 26·1 | 29·8 | 37·0 | 31·4 | 46 | 31 | 40 | 14·5 | 14·5 | 13·5 | 0 | 0 | 2 | SE | 2 | W | 1 | W | 1 | 0·0 | 9·2 |
| 16 | 15·6 | 12·4 | 13·2 | 37·6 | 24·6 | 28·4 | 36·4 | 30·6 | 53 | 35 | 43 | 15·0 | 15·7 | 14·0 | 0 | 6 | 0 | S | 2 | SW | 1 | W | 1 | 0·0 | 9·3 |
| 17 | 15·5 | 12·3 | 14·4 | 37·6 | 24·6 | 28·4 | 36·4 | 30·2 | 53 | 31 | 39 | 15·0 | 14·1 | 12·5 | 2 | 5 | 10 | S | 2 | W | 1 | NE | 8 | 6·0 | 9·5 |
| 18 | 15·9 | 15·0 | 14·4 | 36·6 | 21·6 | 26·8 | 35·2 | 30·4 | 63 | 35 | 54 | 16·3 | 14·9 | 17·5 | 2 | 0 | 0 | SE | 2 | SW | 2 | W | 1 | 0·0 | 7·5 |
| 19 | 16·2 | 12·9 | 13·7 | 38·6 | 25·6 | 28·6 | 37·2 | 30·6 | 57 | 29 | 53 | 16·3 | 13·6 | 17·4 | 2 | 4 | 0 | S | 2 | W | 1 | W | 1 | 0·0 | 9·0 |
| 20 | 16·3 | 13·8 | 14·3 | 39·1 | 24·1 | 29·2 | 36·8 | 28·8 | 53 | 30 | 43 | 16·0 | 13·5 | 12·7 | 0 | 2 | 0 | S | 2 | E | 1 | S | 1 | 0·0 | 9·8 |
| 21 | 16·0 | 12·5 | 13·2 | 39·6 | 26·0 | 29·0 | 38·8 | 31·4 | 54 | 23 | 31 | 16·1 | 12·3 | 10·7 | 0 | 5 | 0 | SW | 2 | E | 1 | NE | 1 | 0·0 | 9·3 |
| 22 | 15·1 | 12·8 | 12·6 | 41·0 | 25·0 | 31·6 | 39·6 | 33·4 | 47 | 24 | 39 | 16·0 | 13·3 | 14·8 | 0 | 3 | 3 | S | 1 | SE | 1 | S | 1 | 0·0 | 10·8 |
| 23 | 14·8 | 11·5 | 12·4 | 40·3 | 21·1 | 29·6 | 39·8 | 31·6 | 44 | 25 | 27 | 13·6 | 14·0 | 9·3 | 0 | 2 | 0 | S | 2 | SE | 1 | SE | 1 | 0·0 | 11·5 |
| 24 | 17·0 | 13·8 | 15·1 | 38·1 | 23·6 | 27·6 | 37·4 | 28·8 | 47 | 28 | 57 | 13·1 | 13·5 | 16·6 | 0 | 2 | 0 | S | 2 | SE | 1 | E | 1 | 0·0 | 9·5 |
| 25 | 16·4 | 13·3 | 13·5 | 39·3 | 24·6 | 32·8 | 38·6 | 31·4 | 38 | 29 | 45 | 14·1 | 14·7 | 15·3 | 0 | 4 | 0 | SE | 1 | W | 1 | W | 1 | 0·0 | 9·3 |
| 26 | 15·1 | 11·8 | 13·0 | 40·5 | 25·6 | 29·6 | 40·2 | 29·6 | 45 | 11 | 34 | 13·9 | 6·1 | 10·5 | 0 | 2 | 0 | S | 2 | E | 1 | SW | 1 | 0·0 | 12·0 |
| 27 | 14·5 | 11·5 | 12·7 | 40·5 | 23·6 | 30·2 | 40·2 | 31·4 | 43 | 25 | 28 | 13·5 | 13·8 | 9·7 | 0 | 4 | 0 | S | 2 | NE | 1 | W | 1 | 0·0 | 10·0 |
| 28 | 14·7 | 11·4 | 13·6 | 41·0 | 25·3 | 31·6 | 40·6 | 35·2 | 39 | 26 | 35 | 13·4 | 14·8 | 14·9 | 0 | 0 | 0 | NE | 1 | E | 1 | SE | 2 | 0·0 | 14·5 |
| 29 | 13·9 | 11·3 | 12·5 | 40·0 | 24·6 | 33·6 | 39·2 | 32·8 | 34 | 16 | 33 | 13·2 | 8·7 | 12·3 | 0 | 2 | 0 | E | 3 | NE | 1 | NE | 1 | 0·0 | — |
| 30 | 14·4 | 11·9 | 12·3 | 40·0 | 25·0 | 32·4 | 38·0 | 31·8 | 34 | 25 | 43 | 12·2 | 12·4 | 15·1 | 0 | 4 | 0 | SE | 1 | E | 1 | S | 1 | 0·0 | 10·5 |
| Month | 15·55 | 12·94 | 13·89 | 37·7 | 23·7 | 28·4 | 36·5 | 30·5 | 53 | 31 | 45 | 14·9 | 14·0 | 14·5 | 1·9 | 2·3 | 3·5 | — | 1·9 | — | 1·2 | — | 1·7 | 55·0 | 9·03 |

**Remarks** :—2 K, ●.—5 K, ●.—8 K, ●.—17 K, ●.

$C_h$ = + 42 mm.

## October 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13·9 | 11·5 | 11·9 | 40·0 | 24·3 | 29·6 | 38·2 | 29·4 | 46 | 20 | 57 | 14·3 | 10·4 | 17·3 | 0 | 2 | 0 | SE | 1 | E | 1 | W | 1 | 0·0 | 14·2 |
| 2 | 14·8 | 12·3 | 15·5 | 39·1 | 22·6 | 31·2 | 38·6 | 31·2 | 35 | 27 | 48 | 11·9 | 13·9 | 16·2 | 2 | 3 | 0 | S | 2 | NE | 1 | S | 2 | 0·0 | 16·0 |
| 3 | 16·6 | 13·6 | 14·7 | 38·3 | 24·6 | 28·6 | 37·4 | 29·6 | 57 | 32 | 56 | 16·3 | 15·1 | 17·2 | 0 | 4 | 0 | SE | 2 | W | 1 | W | 1 | 0·0 | 16·0 |
| 4 | 15·7 | 13·3 | 13·5 | 39·6 | 23·6 | 29·6 | 39·4 | 30·6 | 44 | 20 | 43 | 13·6 | 10·8 | 14·0 | 0 | 4 | 5 | S | 2 | E | 1 | W | 1 | 0·0 | 15·0 |
| 5 | 15·3 | 11·3 | 12·7 | 39·6 | 24·6 | 30·8 | 38·2 | 30·4 | 41 | 22 | 43 | 13·5 | 11·1 | 13·8 | 0 | 6 | 8 | S | 2 | W | 1 | S | 1 | 0·0 | 16·0 |
| 6 | 15·8 | 12·1 | 13·2 | 37·3 | 25·0 | 28·8 | 36·6 | 31·8 | 52 | 25 | 40 | 15·1 | 11·4 | 14·0 | 0 | 4 | 7 | S | 2 | W | 1 | W | 1 | 0·0 | 10·0 |
| 7 | 15·0 | 11·8 | 12·8 | 40·0 | 22·6 | 29·0 | 38·6 | 29·6 | 48 | 24 | 52 | 14·3 | 12·8 | 16·1 | 0 | 5 | 0 | SW | 2 | SE | 1 | NE | 1 | 0·0 | 11·0 |
| 8 | 15·0 | 12·5 | 13·5 | 39·6 | 25·5 | 29·2 | 38·0 | 29·4 | 44 | 29 | 49 | 13·1 | 14·3 | 14·7 | 0 | 6 | 3 | S | 2 | S | 1 | SW | 1 | 0·0 | 10·0 |
| 9 | 15·8 | 12·6 | 13·4 | 39·6 | 24·6 | 29·0 | 38·2 | 29·2 | 48 | 25 | 54 | 14·3 | 12·6 | 16·3 | 0 | 3 | 0 | S | 2 | S | 1 | W | 1 | 0·0 | 12·0 |
| 10 | 14·5 | 12·2 | 13·7 | 40·2 | 25·0 | 31·0 | 39·6 | 28·2 | 39 | 22 | 54 | 13·1 | 12·1 | 15·1 | 0 | 2 | 0 | S | 1 | SE | 1 | W | 1 | 0·0 | 16·0 |
| 11 | 15·5 | 12·5 | 13·6 | 41·0 | 26·0 | 33·4 | 39·8 | 29·4 | 32 | 23 | 43 | 12·3 | 12·8 | 13·0 | 0 | 0 | 0 | SE | 2 | NE | 1 | NE | 1 | 0·0 | 16·0 |
| 12 | 15·8 | 12·9 | 13·8 | 40·0 | 24·6 | 33·4 | 39·2 | 26·8 | 33 | 23 | 45 | 12·6 | 12·4 | 11·9 | 0 | 0 | 0 | E | 2 | E | 1 | NE | 1 | 0·0 | 16·5 |
| 13 | 16·0 | 13·5 | 14·2 | 40·0 | 23·3 | 29·6 | 39·4 | 29·6 | 29 | 22 | 51 | 8·9 | 11·9 | 15·7 | 0 | 4 | 4 | SW | 1 | S | 1 | W | 1 | 0·0 | 17·0 |
| 14 | 16·9 | 13·8 | 14·4 | 37·6 | 24·6 | 28·0 | 36·0 | 29·8 | 56 | 31 | 34 | 15·6 | 13·6 | 10·7 | 3 | 0 | 0 | S | 2 | W | 1 | E | 1 | 0·0 | 13·5 |
| 15 | 15·6 | 13·2 | 14·1 | 40·0 | 24·6 | 29·6 | 39·2 | 29·6 | 33 | 19 | 31 | 10·2 | 10·5 | 9·5 | 0 | 0 | 0 | SW | 1 | S | 1 | E | 1 | 0·0 | 16·0 |
| 16 | 15·5 | 13·1 | 14·3 | 41·5 | 26·5 | 34·4 | 41·0 | 29·4 | 29 | 22 | 28 | 11·7 | 13·0 | 8·7 | 0 | 2 | 6 | E | 2 | E | 1 | W | 1 | 0·0 | 17·0 |
| 17 | 16·7 | 14·1 | 14·7 | 40·0 | 27·0 | 29·2 | 39·2 | 31·6 | 46 | 21 | 24 | 13·8 | 11·3 | 8·3 | 0 | 0 | 0 | SE | 2 | SE | 1 | NE | 1 | 0·0 | 17·0 |
| 18 | 16·1 | 13·4 | 14·5 | 39·6 | 25·5 | 31·4 | 39·2 | 30·8 | 36 | 22 | 26 | 12·4 | 11·6 | 8·5 | 0 | 0 | 0 | SE | 2 | SE | 1 | NE | 2 | 0·0 | 20·0 |
| 19 | 14·7 | 12·1 | 14·1 | 39·6 | 27·2 | 33·4 | 39·6 | 27·8 | 26 | 13 | 41 | 10·2 | 6·8 | 11·6 | 0 | 2 | 0 | E | 2 | NE | 2 | NE | 1 | 0·0 | 17·0 |
| 20 | 15·0 | 12·4 | 13·7 | 41·0 | 25·0 | 29·4 | 39·8 | 31·2 | 34 | 12 | 24 | 10·3 | 6·6 | 7·9 | 0 | 0 | 0 | E | 3 | E | 1 | NE | 2 | 0·0 | 16·5 |
| 21 | 15·4 | 13·0 | 14·3 | 41·0 | 26·5 | 32·8 | 40·0 | 32·6 | 27 | 14 | 21 | 9·9 | 8·2 | 7·7 | 0 | 0 | 0 | E | 2 | E | 1 | NE | 2 | 0·0 | 17·5 |
| 22 | 16·7 | 14·0 | 14·7 | 40·5 | 23·1 | 31·2 | 39·2 | 27·4 | 40 | 15 | 28 | 13·6 | 8·4 | 7·5 | 0 | 0 | 0 | SW | 1 | SE | 1 | NE | 1 | 0·0 | 16·0 |
| 23 | 15·7 | 13·2 | 14·7 | 39·6 | 26·5 | 33·8 | 39·4 | 27·6 | 12 | 9 | 20 | 4·8 | 4·9 | 5·6 | 0 | 0 | 0 | E | 3 | NE | 2 | NE | 1 | 0·0 | 14·5 |
| 24 | 15·9 | 12·7 | 13·8 | 39·1 | 24·6 | 33·6 | 38·4 | 26·6 | 21 | 16 | 24 | 8·0 | 8·1 | 6·2 | 0 | 0 | 0 | NE | 2 | N | 1 | NW | 1 | 0·0 | 14·5 |
| 25 | 15·8 | 13·1 | 14·6 | 38·6 | 24·6 | 30·6 | 37·8 | 27·6 | 38 | 16 | 26 | 12·2 | 8·1 | 7·0 | 0 | 0 | 0 | NE | 1 | N | 1 | NE | 1 | 0·0 | 11·5 |
| 26 | 15·5 | 12·7 | 14·5 | 39·1 | 21·1 | 31·2 | 37·4 | 26·4 | 38 | 20 | 36 | 12·9 | 9·8 | 9·0 | 0 | 0 | 0 | NE | 2 | N | 1 | NW | 1 | 0·0 | 9·2 |
| 27 | 16·4 | 13·2 | 14·9 | 38·1 | 21·1 | 29·0 | 37·2 | 28·0 | 47 | 17 | 35 | 13·9 | 8·2 | 9·9 | 0 | 2 | 0 | N | 1 | NW | 2 | NW | 1 | 0·0 | 11·0 |
| 28 | 16·7 | 13·5 | 15·0 | 36·6 | 21·3 | 26·2 | 36·2 | 28·0 | 26 | 19 | 24 | 6·4 | 8·8 | 6·8 | 0 | 0 | 0 | N | 2 | NW | 1 | NW | 2 | 0·0 | 9·5 |
| 29 | 17·2 | 14·4 | 15·2 | 36·6 | 19·2 | 24·8 | 36·0 | 28·6 | 18 | 14 | 23 | 4·3 | 6·6 | 6·4 | 0 | 0 | 0 | NW | 1 | N | 1 | NW | 2 | 0·0 | 9·5 |
| 30 | 16·4 | 12·9 | 14·2 | 37·3 | 19·2 | 25·4 | 36·6 | 26·4 | 20 | 13 | 33 | 4·7 | 6·2 | 8·4 | 0 | 0 | 0 | NW | 2 | NW | 3 | NW | 2 | 0·0 | 10·0 |
| 31 | 15·5 | 12·5 | 14·0 | 38·1 | 20·1 | 26·4 | 37·0 | 27·2 | 36 | 17 | 33 | 9·0 | 8·0 | 8·8 | 0 | 3 | 0 | NW | 1 | NW | 1 | NW | 1 | 0·0 | 8·1 |
| Month | 15·72 | 12·88 | 14·07 | 39·3 | 24·0 | 30·1 | 38·4 | 29·1 | 36 | 20 | 37 | 11·5 | 10·3 | 11·1 | 0·2 | 1·7 | 1·1 | — | 1·8 | — | 1·2 | — | 1·2 | 0·0 | 14·00 |

**Remarks** :—

# KASSALA.

$\varphi = 15° 28'$ N. $\lambda = 36° 24'$ E. $H = 507·8$ m. $h_t = 1·1$ m. $h_r = 1·0$ m.

$C_h = +42$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATUEE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16·0 | 13·3 | 14·9 | 37·6 | 19·2 | 27·2 | 36·4 | 26·8 | 46 | 19 | 36 | 12·6 | 8·7 | 9·3 | 0 | 10 | 0 | NW | 1 | NW | 3 | NW | 1 | 0·0 | 9·5 |
| 2 | 16·2 | 13·5 | 14·1 | 38·1 | 20·4 | 28·8 | 36·2 | 27·0 | 36 | 14 | 34 | 10·7 | 6·5 | 8·9 | 0 | 9 | 0 | NW | 2 | NW | 2 | NW | 1 | 0·0 | 11·5 |
| 3 | 15·7 | 13·2 | 14·9 | 39·1 | 20·6 | 31·0 | 37·0 | 26·2 | 28 | 14 | 32 | 9·3 | 6·7 | 7·9 | 0 | 10 | 0 | NE | 2 | NW | 3 | NW | 1 | 0·0 | 9·5 |
| 4 | 16·1 | 13·4 | 14·9 | 37·6 | 20·1 | 28·0 | 36·2 | 27·2 | 45 | 15 | 31 | 12·8 | 7·1 | 8·2 | 0 | 8 | 0 | NE | 1 | NW | 3 | NW | 1 | 0·0 | 8·0 |
| 5 | 16·5 | 14·1 | 15·9 | 36·1 | 19·2 | 26·2 | 35·4 | 23·8 | 49 | 17 | 59 | 12·3 | 7·6 | 12·8 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 2 | 0·0 | 10·0 |
| 6 | 17·8 | 14·8 | 16·3 | 35·1 | 16·7 | 23·2 | 33·0 | 23·6 | 53 | 14 | 27 | 11·2 | 5·2 | 5·8 | 0 | 7 | 0 | N | 2 | NW | 1 | NW | 2 | 0·0 | 9·5 |
| 7 | 17·6 | 14·9 | 16·6 | 34·0 | 17·2 | 23·6 | 33·4 | 24·0 | 51 | 10 | 27 | 11·0 | 3·8 | 6·1 | 0 | 5 | 0 | NE | 1 | NW | 2 | NW | 2 | 0·0 | 8·5 |
| 8 | 17·1 | 13·7 | 15·5 | 36·1 | 16·7 | 23·4 | 34·8 | 27·4 | 49 | 27 | 33 | 10·5 | 11·4 | 9·0 | 0 | 7 | 0 | NE | 1 | NW | 1 | NW | 1 | 0·0 | 8·5 |
| 9 | 16·4 | 14·0 | 15·6 | 36·6 | 22·1 | 27·4 | 36·0 | 27·4 | 53 | 25 | 35 | 14·2 | 10·7 | 9·6 | 0 | 0 | 0 | NE | 1 | N | 2 | N | 1 | 0·0 | 9·5 |
| 10 | 16·1 | 12·9 | 14·3 | 37·6 | 21·6 | 28·4 | 37·0 | 27·0 | 48 | 14 | 28 | 13·6 | 6·9 | 7·4 | 0 | 0 | 0 | NE | 1 | N | 1 | N | 2 | 0·0 | 8·5 |
| 11 | 15·6 | 13·3 | 14·1 | 37·3 | 20·3 | 26·2 | 36·2 | 30·4 | 51 | 19 | 32 | 12·9 | 8·8 | 10·3 | 0 | 0 | 0 | NW | 1 | N | 1 | NE | 2 | 0·0 | 9·5 |
| 12 | 15·1 | 12·4 | 13·7 | 37·6 | 20·1 | 27·8 | 37·0 | 27·0 | 53 | 14 | 35 | 14·7 | 6·7 | 9·2 | 0 | 0 | 0 | NE | 1 | N | 1 | NW | 1 | 0·0 | 12·0 |
| 13 | 15·1 | 12·8 | 14·9 | 36·6 | 20·1 | 25·6 | 36·0 | 26·0 | 52 | 16 | 33 | 12·6 | 7·2 | 8·0 | 0 | 4 | 0 | NE | 1 | NW | 2 | NW | 1 | 0·0 | 11·0 |
| 14 | 16·0 | 13·4 | 15·3 | 37·6 | 23·6 | 27·8 | 36·6 | 26·6 | 49 | 13 | 33 | 13·6 | 5·9 | 8·5 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 9·8 |
| 15 | 16·8 | 14·4 | 15·7 | 37·6 | 21·1 | 27·2 | 37·0 | 28·0 | 51 | 14 | 27 | 13·6 | 6·7 | 7·7 | 0 | 0 | 0 | NE | 1 | NW | 1 | W | 1 | 0·0 | 10·0 |
| 16 | 16·5 | 14·0 | 15·7 | 38·1 | 20·6 | 26·2 | 37·0 | 27·0 | 45 | 13 | 31 | 11·3 | 6·0 | 8·3 | 0 | 10 | 0 | SW | 1 | N | 2 | N | 1 | 0·0 | 9·0 |
| 17 | 16·2 | 13·6 | 14·6 | 38·6 | 17·7 | 27·4 | 37·6 | 26·4 | 35 | 11 | 22 | 9·6 | 5·3 | 5·5 | 8 | 0 | 0 | NE | 1 | N | 1 | N | 1 | 0·0 | 10·5 |
| 18 | 15·6 | 12·7 | 13·8 | 39·1 | 23·6 | 30·0 | 38·0 | 29·0 | 28 | 15 | 36 | 9·0 | 7·3 | 10·9 | 0 | 0 | 0 | NE | 1 | E | 1 | SW | 1 | 0·0 | 12·5 |
| 19 | 14·8 | 12·1 | 13·7 | 38·6 | 21·4 | 30·0 | 38·4 | 27·8 | 30 | 14 | 42 | 9·6 | 7·4 | 11·9 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 12·5 |
| 20 | 15·6 | 13·2 | 14·7 | 36·6 | 17·2 | 27·2 | 36·4 | 27·0 | 37 | 18 | 48 | 10·0 | 8·3 | 12·8 | 0 | 0 | 0 | E | 1 | NE | 2 | NE | 1 | 0·0 | 11·5 |
| 21 | 15·6 | 13·5 | 14·9 | 37·1 | 20·6 | 28·6 | 36·4 | 28·4 | 30 | 18 | 39 | 8·8 | 8·3 | 11·2 | 0 | 5 | 0 | E | 2 | NE | 1 | NE | 2 | 0·0 | 13·5 |
| 22 | 15·6 | 13·1 | 14·7 | 36·6 | 18·7 | 24·6 | 35·4 | 24·0 | 62 | 12 | 33 | 14·2 | 5·0 | 7·5 | 0 | 0 | 0 | NW | 1 | N | 1 | NW | 1 | 0·0 | 8·5 |
| 23 | 15·5 | 12·9 | 14·8 | 35·6 | 16·2 | 23·6 | 34·0 | 24·6 | 50 | 15 | 59 | 10·7 | 6·2 | 13·6 | 0 | 0 | 0 | NW | 1 | NW | 1 | NW | 1 | 0·0 | 8·0 |
| 24 | 17·0 | 14·6 | 16·0 | 33·5 | 16·2 | 23·6 | 32·4 | 25·2 | 29 | 25 | 29 | 6·3 | 9·1 | 6·8 | 0 | 0 | 0 | N | 2 | NW | 2 | NW | 1 | 0·0 | 8·0 |
| 25 | 17·0 | 13·6 | 15·4 | 33·5 | 16·2 | 21·8 | 32·8 | 27·0 | 29 | 32 | 44 | 5·6 | 11·6 | 11·8 | 0 | 0 | 0 | N | 2 | NW | 1 | NE | 4 | 0·0 | 7·5 |
| 26 | 16·1 | 12·8 | 14·8 | 35·1 | 20·6 | 25·8 | 33·6 | 27·4 | 58 | 29 | 42 | 14·2 | 11·1 | 11·5 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 4 | 0·0 | 7·5 |
| 27 | 16·0 | 12·6 | 13·9 | 35·6 | 23·6 | 24·6 | 34·8 | 27·4 | 62 | 27 | 41 | 14·2 | 11·4 | 11·2 | 0 | 0 | 0 | NE | 1 | NW | 1 | NW | 1 | 0·0 | 7·0 |
| 28 | 14·9 | 12·7 | 13·5 | 36·6 | 21·6 | 25·4 | 34·0 | 27·0 | 63 | 27 | 48 | 15·1 | 10·5 | 12·8 | 0 | 0 | 0 | NE | 2 | NE | 1 | N | 2 | 0·0 | 8·5 |
| 29 | 14·8 | 12·7 | 13·4 | 38·6 | 21·1 | 25·8 | 36·8 | 28·0 | 60 | 19 | 48 | 14·9 | 8·8 | 13·5 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 2 | 0·0 | 9·5 |
| 30 | 14·9 | 12·5 | 13·7 | 37·6 | 21·3 | 26·0 | 37·0 | 27·4 | 58 | 9 | 55 | 14·4 | 4·4 | 14·9 | 0 | 0 | 0 | NE | 2 | N | 1 | NE | 2 | 0·0 | 11·5 |
| Month | 16·01 | 13·36 | 14·81 | 36·8 | 19·9 | 26·4 | 35·8 | 26·7 | 46 | 18 | 37 | 11·8 | 7·7 | 9·8 | 0·3 | 2·5 | 0·0 | — | 1·3 | — | 1·5 | — | 1·5 | 0·0 | 9·69 |

**Remarks :—**

$C_h = +42$ mm.

## December 1913.

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14·8 | 13·2 | 13·9 | 38·6 | 21·6 | 31·4 | 38·0 | 32·4 | 27 | 8 | 27 | 9·4 | 4·1 | 9·8 | 0 | 5 | 0 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 14·5 |
| 2 | 15·9 | 13·0 | 14·5 | 39·6 | 22·1 | 28·8 | 39·0 | 30·4 | 33 | 16 | 33 | 9·7 | 8·8 | 10·7 | 0 | 4 | 0 | NE | 1 | NE | 1 | NE | 4 | 0·0 | 13·0 |
| 3 | 15·4 | 13·1 | 14·5 | 37·6 | 21·1 | 27·8 | 36·4 | 24·8 | 34 | 13 | 59 | 9·4 | 6·0 | 13·8 | 0 | 0 | 0 | NE | 2 | NE | 1 | N | 1 | 0·0 | 10·0 |
| 4 | 16·0 | 14·3 | 15·6 | 35·1 | 16·7 | 22·8 | 33·4 | 27·8 | 55 | 20 | 25 | 11·5 | 7·8 | 6·9 | 0 | 0 | 0 | NE | 1 | N | 2 | N | 2 | 0·0 | 7·8 |
| 5 | 17·1 | 14·3 | 16·3 | 33·5 | 17·4 | 24·6 | 32·8 | 26·6 | 59 | 24 | 42 | 13·0 | 8·9 | 10·7 | 0 | 0 | 0 | NE | 1 | NE | 1 | N | 3 | 0·0 | 9·0 |
| 6 | 16·7 | 13·9 | 15·1 | 33·0 | 19·6 | 24·4 | 32·4 | 24·8 | 63 | 25 | 39 | 14·4 | 9·1 | 9·1 | 0 | 0 | 0 | NE | 1 | NE | 1 | N | 1 | 0·0 | 8·0 |
| 7 | 16·3 | 14·2 | 16·4 | 32·0 | 15·7 | 22·8 | 31·0 | 22·4 | 60 | 28 | 31 | 12·4 | 9·3 | 6·2 | 0 | 0 | 0 | NW | 1 | NW | 1 | NW | 1 | 0·0 | 7·5 |
| 8 | 17·2 | 13·9 | 15·5 | 32·5 | 12·6 | 20·0 | 31·4 | 19·6 | 19 | 19 | 30 | 3·4 | 6·5 | 5·1 | 0 | 0 | 0 | NE | 2 | NW | 1 | NW | 2 | 0·0 | 14·0 |
| 9 | 16·2 | 13·8 | 15·9 | 34·5 | 12·6 | 19·0 | 33·0 | 22·4 | 36 | 14 | 28 | 6·0 | 5·2 | 5·7 | 0 | 0 | 0 | NW | 1 | NW | 1 | NW | 1 | 0·0 | 8·5 |
| 10 | 16·0 | 12·9 | 14·9 | 35·1 | 14·3 | 20·2 | 34·0 | 23·0 | 24 | 24 | 39 | 4·2 | 9·5 | 8·1 | 0 | 0 | 0 | NW | 1 | NW | 1 | NW | 1 | 0·0 | 8·0 |
| 11 | 17·1 | 14·4 | 16·5 | 33·0 | 14·6 | 19·2 | 32·4 | 22·2 | 37 | 23 | 32 | 6·1 | 8·5 | 6·4 | 0 | 0 | 0 | NE | 1 | NW | 2 | N | 1 | 0·0 | 8·0 |
| 12 | 16·8 | 14·3 | 16·2 | 33·5 | 15·7 | 24·4 | 33·4 | 27·8 | 65 | 30 | 39 | 14·7 | 11·6 | 10·9 | 0 | 0 | 0 | NE | 2 | NE | 1 | NE | 2 | 0·0 | 7·0 |
| 13 | 17·7 | 15·0 | 16·2 | 33·2 | 17·7 | 21·8 | 32·8 | 26·6 | 71 | 24 | 30 | 13·7 | 8·5 | 7·7 | 0 | 0 | 0 | NE | 1 | N | 2 | N | 2 | 0·0 | 7·5 |
| 14 | 17·5 | 14·5 | 15·6 | 33·0 | 16·2 | 23·6 | 32·0 | 24·0 | 61 | 36 | 48 | 13·2 | 12·8 | 10·4 | 0 | 0 | 0 | NW | 1 | N | 2 | N | 2 | 0·0 | 7·5 |
| 15 | 17·5 | 15·1 | 16·2 | 31·3 | 16·7 | 20·8 | 30·2 | 23·4 | 77 | 38 | 53 | 14·0 | 12·2 | 11·4 | 0 | 0 | 0 | NW | 1 | NW | 1 | N | 1 | 0·0 | 8·0 |
| 16 | 18·3 | 16·0 | 18·4 | 29·1 | 13·6 | 17·4 | 28·2 | 18·4 | 24 | 32 | 28 | 3·5 | 9·1 | 4·3 | 0 | 0 | 0 | NW | 2 | NW | 2 | NW | 1 | 0·0 | 7·5 |
| 17 | 20·0 | 17·6 | 19·3 | 28·1 | 10·1 | 16·0 | 27·4 | 20·0 | 24 | 32 | 49 | 3·2 | 8·7 | 8·5 | 0 | 0 | 0 | N | 1 | NE | 2 | N | 1 | 0·0 | 7·0 |
| 18 | 19·7 | 16·6 | 17·6 | 30·0 | 10·6 | 16·8 | 28·4 | 23·4 | 44 | 34 | 39 | 6·3 | 9·9 | 8·4 | 0 | 0 | 0 | N | 2 | NE | 2 | N | 3 | 0·0 | 7·5 |
| 19 | 18·4 | 16·2 | 17·8 | 30·0 | 16·7 | 19·8 | 29·8 | 23·0 | 57 | 30 | 41 | 9·8 | 9·4 | 8·7 | 0 | 0 | 0 | NE | 2 | N | 1 | N | 2 | 0·0 | 7·0 |
| 20 | 18·7 | 16·5 | 18·6 | 30·0 | 16·2 | 20·0 | 29·2 | 22·8 | 62 | 30 | 41 | 10·8 | 9·1 | 8·5 | 0 | 0 | 0 | NE | 1 | NE | 2 | N | 1 | 0·0 | 7·5 |
| 21 | 19·3 | 16·6 | 18·2 | 30·5 | 14·1 | 21·4 | 29·8 | 23·2 | 61 | 33 | 46 | 11·5 | 10·4 | 9·7 | 0 | 0 | 0 | NE | 1 | NW | 2 | N | 1 | 0·0 | 6·5 |
| 22 | 19·6 | 16·9 | 19·0 | 29·1 | 14·1 | 20·8 | 28·2 | 19·8 | 55 | 32 | 46 | 10·0 | 9·1 | 7·8 | 0 | 0 | 0 | NE | 2 | NW | 2 | N | 1 | 0·0 | 7·5 |
| 23 | 20·2 | 18·2 | 19·9 | 28·4 | 13·6 | 19·8 | 27·2 | 23·2 | 61 | 40 | 39 | 10·6 | 10·7 | 8·3 | 0 | 0 | 0 | NE | 4 | NW | 2 | NE | 2 | 0·0 | 8·0 |
| 24 | 21·4 | 19·0 | 20·3 | 29·1 | 15·2 | 19·0 | 23·8 | 22·4 | 58 | 57 | 37 | 9·4 | 12·4 | 7·4 | 0 | 0 | 0 | NE | 4 | N | 2 | NE | 3 | 0·0 | 8·5 |
| 25 | 20·1 | 17·6 | 19·4 | 29·6 | 16·7 | 21·0 | 28·6 | 21·2 | 47 | 29 | 39 | 8·8 | 8·6 | 7·3 | 0 | 7 | 0 | NE | 2 | N | 2 | N | 2 | 0·0 | 6·5 |
| 26 | 19·1 | 16·4 | 17·6 | 31·5 | 14·6 | 20·2 | 30·2 | 21·8 | 58 | 25 | 36 | 10·4 | 7·9 | 6·9 | 0 | 0 | 0 | NE | 1 | NW | 2 | N | 2 | 0·0 | 7·0 |
| 27 | 18·4 | 15·9 | 16·7 | 32·0 | 14·6 | 21·4 | 30·8 | 25·8 | 67 | 29 | 43 | 12·7 | 9·4 | 10·6 | 0 | 0 | 0 | NE | 1 | NE | 1 | NE | 1 | 0·0 | 7·0 |
| 28 | 17·1 | 14·4 | 15·7 | 32·5 | 18·4 | 20·8 | 31·4 | 26·0 | 70 | 30 | 50 | 12·7 | 10·4 | 12·4 | 0 | 0 | 0 | NE | 1 | NE | 1 | N | 1 | 0·0 | 7·5 |
| 29 | 16·8 | 13·9 | 15·8 | 35·1 | 19·7 | 24·0 | 33·4 | 26·0 | 63 | 23 | 50 | 13·9 | 8·8 | 12·4 | 0 | 0 | 0 | NE | 1 | NE | 1 | N | 3 | 0·0 | 10·0 |
| 30 | 16·9 | 14·6 | 15·2 | 35·1 | 19·2 | 25·4 | 33·2 | 27·8 | 48 | 27 | 39 | 11·5 | 10·0 | 10·9 | 0 | 0 | 0 | E | 2 | E | 1 | E | 3 | 0·0 | 10·5 |
| 31 | 17·6 | 14·6 | 16·3 | 37·6 | 20·6 | 24·8 | 36·8 | 28·2 | 55 | 20 | 38 | 12·8 | 9·1 | 10·7 | 0 | 0 | 0 | E | 1 | E | 2 | E | 2 | 0·0 | 10·2 |
| Month | 17·74 | 15·19 | 16·75 | 32·7 | 16·2 | 21·9 | 31·6 | 24·2 | 51 | 27 | 39 | 10·1 | 9·1 | 8·9 | 0·0 | 0·5 | 0·0 | — | 1·5 | — | 1·5 | — | 1·8 | 0·0 | 8·52 |

**Remarks :—**

# KHARTOUM (Gordon College).

$\varphi = 15° 36' 33''$ N. $\lambda = 32° 33'$ E. H = 390·0 m. $h_t$ = 1·8 m. $h_r$ = 1·2 m.

$C_h$ = + 33 mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29·8 | 27·0 | 27·9 | 26·3 | 10·8 | 14·6 | 26·0 | 19·6 | 42 | 28 | 36 | 5·2 | 6·9 | 6·1 | 0 | 0 | 0 | N | 4 | N | 2 | NNE | 1 | 0·0 | 10·4 |
| 2 | 29·7 | 27·1 | 27·5 | 26·2 | 9·8 | 14·0 | 25·8 | 19·6 | 47 | 19 | 31 | 5·6 | 4·7 | 5·3 | 0 | 0 | 0 | NNE | 2 | NNE | 2 | N | 1 | 0·0 | 10·7 |
| 3 | 28·6 | 25·7 | 27·2 | 27·0 | 11·1 | 15·4 | 26·5 | 20·4 | 33 | 23 | 29 | 4·3 | 5·8 | 5·1 | 0 | 0 | 0 | NNE | 3 | NE | 2 | Calm | 0 | 0·0 | 11·3 |
| 4 | 27·6 | 25·6 | 26·6 | 28·0 | 13·2 | 16·3 | 27·6 | 22·5 | 43 | 23 | 32 | 5·8 | 6·5 | 6·3 | 0 | 0 | 0 | NNE | 1 | NNE | 1 | Calm | 0 | 0·0 | 10·8 |
| 5 | 28·0 | 25·2 | 25·9 | 30·8 | 14·0 | 18·2 | 30·4 | 23·8 | 48 | 28 | 33 | 7·3 | 9·0 | 7·3 | 0 | 0 | 0 | NNE | 3 | NNE | 1 | NNE | 1 | 0·0 | 9·9 |
| 6 | 25·9 | 23·8 | 25·0 | 32·5 | 13·9 | 19·2 | 30·8 | 24·6 | 49 | 25 | 32 | 8·1 | 8·3 | 7·3 | 0 | 0 | 0 | N | 1 | Calm | 0 | Calm | 0 | 0·0 | 9·1 |
| 7 | 26·0 | 24·0 | 25·4 | 31·8 | 17·2 | 20·4 | 31·0 | 24·2 | 49 | 25 | 33 | 8·7 | 8·3 | 7·4 | 0 | 0 | 0 | N | 1 | Calm | 0 | N | 1 | 0·0 | 11·4 |
| 8 | 27·3 | 25·0 | 27·4 | 28·2 | 15·0 | 18·0 | 27·8 | 21·5 | 43 | 23 | 28 | 6·7 | 6·5 | 5·3 | 0 | 0 | 0 | N | 3 | N | 3 | NNW | 1 | 0·0 | 12·8 |
| 9 | 29·2 | 27·2 | 27·9 | 27·0 | 12·8 | 15·2 | 26·7 | 20·5 | 33 | 18 | 24 | 4·3 | 4·6 | 4·3 | 0 | 0 | 0 | N | 3 | NE | 1 | Calm | 0 | 0·0 | 11·4 |
| 10 | 28·4 | 25·8 | 26·7 | 30·7 | 12·0 | 17·0 | 29·8 | 24·5 | 28 | 28 | 42 | 4·1 | 8·6 | 9·5 | 0 | 0 | 0 | NNE | 3 | NE | 1 | Calm | 0 | 0·0 | 10·3 |
| 11 | 27·2 | 24·4 | 25·6 | 32·8 | 16·3 | 18·9 | 31·6 | 26·0 | 44 | 25 | 30 | 7·1 | 8·8 | 7·4 | 0 | 0 | 0 | NE | 1 | Calm | 0 | Calm | 0 | 0·0 | 11·0 |
| 12 | 26·6 | 24·2 | 25·2 | 32·1 | 16·1 | 18·6 | 31·4 | 25·1 | 38 | 17 | 22 | 6·1 | 5·8 | 5·2 | 0 | 0 | 0 | N | 2 | Calm | 0 | Calm | 0 | 0·0 | 13·5 |
| 13 | 26·3 | 24·4 | 25·9 | 32·5 | 15·5 | 19·8 | 32·3 | 24·8 | 26 | 18 | 31 | 4·5 | 6·6 | 7·3 | 8 | 9 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 13·0 |
| 14 | 27·6 | 25·3 | 26·6 | 32·7 | 16·7 | 19·0 | 31·8 | 25·8 | 40 | 22 | 32 | 6·5 | 7·5 | 7·9 | 0 | 0 | 0 | NNE | 1 | NNE | 1 | Calm | 0 | 0·0 | 11·9 |
| 15 | 27·5 | 24·7 | 26·1 | 33·3 | 16·0 | 18·8 | 32·4 | 24·7 | 49 | 29 | 34 | 7·9 | 10·6 | 7·9 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 10·5 |
| 16 | 27·9 | 25·7 | 27·7 | 30·0 | 16·6 | 18·3 | 29·1 | 23·0 | 43 | 24 | 25 | 6·6 | 7·0 | 5·1 | 0 | 0 | 0 | N | 1 | N | 1 | N | 2 | 0·0 | 13·8 |
| 17 | 30·1 | 28·4 | 29·8 | 25·3 | 14·2 | 16·5 | 25·1 | 20·1 | 31 | 13 | 18 | 4·3 | 3·2 | 3·2 | 0 | 0 | 0 | N | 3 | N | 4 | N | 2 | 0·0 | 17·6 |
| 18 | 32·4 | 29·8 | 30·8 | 24·9 | 12·1 | 14·8 | 24·3 | 18·3 | 33 | 17 | 32 | 4·1 | 3·8 | 5·0 | 0 | 0 | 0 | N | 3 | N | 4 | N | 2 | 0·0 | 13·3 |
| 19 | 30·9 | 27·8 | 28·5 | 26·2 | 9·7 | 14·2 | 25·4 | 19·5 | 35 | 19 | 28 | 4·3 | 4·4 | 4·6 | 0 | 0 | 0 | NNE | 4 | NE | 3 | NNE | 2 | 0·0 | 13·2 |
| 20 | 29·3 | 27·1 | 27·4 | 26·0 | 12·3 | 15·8 | 25·9 | 20·2 | 44 | 23 | 31 | 5·9 | 5·6 | 5·5 | 0 | 0 | 0 | NNE | 3 | N | 2 | N | 1 | 0·0 | 13·4 |
| 21 | 28·0 | 25·9 | 26·5 | 29·6 | 13·9 | 16·2 | 28·7 | 23·3 | 43 | 29 | 39 | 5·8 | 8·5 | 8·4 | 0 | 0 | 0 | NNE | 3 | NE | 1 | N | 1 | 0·0 | 11·2 |
| 22 | 27·6 | 25·3 | 26·1 | 30·8 | 15·5 | 19·0 | 30·2 | 25·8 | 45 | 33 | 37 | 7·3 | 10·6 | 9·0 | 0 | 0 | 0 | N | 2 | NNE | 1 | N | 1 | 0·0 | 11·1 |
| 23 | 26·7 | 24·7 | 26·0 | 32·5 | 17·0 | 19·7 | 31·6 | 25·6 | 51 | 25 | 30 | 8·7 | 8·6 | 7·4 | 0 | 0 | 0 | N | 3 | N | 1 | N | 1 | 0·0 | 14·1 |
| 24 | 27·4 | 25·0 | 26·3 | 32·5 | 18·2 | 19·5 | 31·5 | 25·2 | 44 | 22 | 26 | 7·5 | 7·6 | 6·1 | 1 | 0 | 0 | N | 2 | NE | 2 | N | 1 | 0·0 | 18·1 |
| 25 | 28·5 | 25·8 | 27·1 | 32·2 | 16·1 | 19·2 | 31·7 | 25·4 | 22 | 25 | 38 | 3·6 | 8·6 | 9·0 | 0 | 0 | 0 | N | 3 | NE | 2 | N | 1 | 0·0 | 14·9 |
| 26 | 28·2 | 25·4 | 26·3 | 31·2 | 15·8 | 19·0 | 30·3 | 25·8 | 35 | 30 | 32 | 5·7 | 9·4 | 7·9 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | NNE | 1 | 0·0 | 13·2 |
| 27 | 27·3 | 24·6 | 25·9 | 31·8 | 15·5 | 19·5 | 31·2 | 25·6 | 37 | 25 | 26 | 6·3 | 8·5 | 6·3 | 0 | 0 | 0 | N | 3 | NE | 1 | NNE | 1 | 0·0 | 12·4 |
| 28 | 27·3 | 25·3 | 27·4 | 30·8 | 16·5 | 19·5 | 30·0 | 25·0 | 39 | 24 | 28 | 6·6 | 7·4 | 6·6 | 0 | 1 | 2 | NNE | 2 | NNE | 2 | N | 1 | 0·0 | 14·9 |
| 29 | 29·2 | 26·5 | 27·0 | 29·0 | 15·8 | 18·0 | 28·5 | 23·1 | 20 | 16 | 26 | 3·1 | 4·6 | 5·4 | 1 | 2 | 0 | N | 3 | NNE | 3 | N | 1 | 0·0 | 15·2 |
| 30 | 27·3 | 24·8 | 26·0 | 30·0 | 14·9 | 17·5 | 29·4 | 25·0 | 20 | 28 | 32 | 3·0 | 8·7 | 7·6 | 0 | 0 | 0 | NNE | 2 | Calm | 0 | N | 1 | 0·0 | 13·3 |
| 31 | 26·8 | 25·2 | 25·8 | 29·4 | 15·9 | 18·2 | 27·8 | 24·0 | 25 | 16 | 13 | 4·0 | 4·3 | 2·9 | 0 | 0 | 0 | NNE | 3 | N | 1 | N | 1 | 0·0 | 15·2 |
| Month | 28·08 | 25·70 | 26·82 | 29·8 | 14·5 | 17·7 | 29·1 | 23·3 | 38 | 23 | 30 | 5·8 | 7·1 | 6·4 | 0·3 | 0·4 | 0·1 | — | 2·3 | — | 1·4 | — | 0·8 | 0·0 | 12·67 |

**Remarks:**—

$C_h$ = + 33 mm.

## February 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27·1 | 24·8 | 25·7 | 30·6 | 14·8 | 17·0 | 29·7 | 25·2 | 23 | 20 | 20 | 3·3 | 6·2 | 4·8 | 1 | 0 | 0 | N | 3 | N | 2 | Calm | 0 | 0·0 | 13·6 |
| 2 | 27·7 | 25·5 | 26·7 | 29·7 | 15·2 | 18·6 | 29·6 | 23·0 | 17 | 15 | 25 | 2·8 | 4·7 | 5·1 | 0 | 0 | 0 | NNE | 3 | NE | 2 | NNE | 1 | 0·0 | 16·1 |
| 3 | 27·5 | 25·3 | 25·4 | 30·2 | 14·0 | 17·2 | 29·5 | 24·5 | 28 | 17 | 19 | 4·1 | 5·3 | 4·3 | 0 | 0 | 0 | N | 4 | NE | 2 | N | 1 | 0·0 | 13·6 |
| 4 | 26·2 | 24·4 | 25·3 | 30·5 | 14·8 | 18·1 | 29·7 | 24·0 | 23 | 14 | 15 | 3·6 | 4·4 | 3·2 | 1 | 0 | 0 | NNE | 1 | N | 1 | N | 1 | 0·0 | 16·0 |
| 5 | 26·8 | 25·2 | 26·1 | 29·3 | 15·9 | 19·0 | 28·0 | 23·8 | 24 | 11 | 16 | 3·8 | 3·1 | 3·4 | 2 | 7 | 4 | N | 1 | N | 2 | Calm | 0 | 0·0 | 17·6 |
| 6 | 28·4 | 26·5 | 28·1 | 26·2 | 15·5 | 17·5 | 25·1 | 21·0 | 29 | 14 | 24 | 4·3 | 3·3 | 4·5 | 7 | 1 | 0 | N | 3 | N | 3 | N | 1 | 0·0 | 14·5 |
| 7 | 29.4 | 27·2 | 27·9 | 27·7 | 12·5 | 14·8 | 26·3 | 21·0 | 30 | 13 | 16 | 3·8 | 3·2 | 3·0 | 0 | 0 | 0 | NNE | 2 | NNE | 1 | NNW | 1 | 0·0 | 13·2 |
| 8 | 29·1 | 27·0 | 27·4 | 28·4 | 12·2 | 16·9 | 27·5 | 22·1 | 28 | 14 | 13 | 3·9 | 3·7 | 2·5 | 0 | 0 | 0 | NNE | 1 | N | 2 | Calm | 0 | 0·0 | 13·2 |
| 9 | 27·9 | 25·2 | 25·2 | 29·5 | 12·4 | 17·3 | 29·2 | 23·2 | 26 | 11 | 17 | 3·8 | 3·4 | 3·5 | 0 | 0 | 0 | NE | 2 | Calm | 0 | Calm | 0 | 0·0 | 13·9 |
| 10 | 26·5 | 23·8 | 24·4 | 31·7 | 13·9 | 18·7 | 30·1 | 24·0 | 26 | 11 | 17 | 4·1 | 3·7 | 3·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 14·7 |
| 11 | 25·9 | 24·1 | 25·2 | 30·4 | 14·3 | 17·8 | 29·4 | 23·5 | 25 | 9 | 12 | 3·9 | 2·8 | 2·7 | 1 | 0 | 0 | N | 3 | Calm | 0 | NNW | 1 | 0·0 | 15·9 |
| 12 | 25·3 | 23·2 | 23·5 | 30·5 | 13·7 | 17·9 | 29·5 | 24·8 | 23 | 11 | 14 | 3·6 | 3·3 | 3·3 | 0 | 1 | 0 | NNE | 3 | NE | 2 | N | 1 | 0·0 | 14·5 |
| 13 | 23·0 | 20·6 | 20·8 | 36·0 | 14·5 | 18·3 | 35·5 | 25·4 | 25 | 9 | 26 | 3·9 | 4·0 | 6·1 | 3 | 6 | 5 | Calm | 0 | S | 1 | Calm | 0 | 0·0 | 10·6 |
| 14 | 21·9 | 19·9 | 21·0 | 39·5 | 18·3 | 23·3 | 38·7 | 30·4 | 25 | 7 | 13 | 5·2 | 3·5 | 4·3 | 10 | 7 | 9 | SE | 1 | SW | 1 | Calm | 0 | 0·0 | 18·1 |
| 15 | 24·9 | 22·6 | 24·6 | 33·4 | 21·0 | 22·5 | 32·8 | 27·8 | 26 | 16 | 25 | 5·1 | 6·0 | 6·9 | 8 | 8 | 6 | N | 3 | NE | 4 | NE | 4 | 0·0 | 18·0 |
| 16 | 27·6 | 24·8 | 26·1 | 30·0 | 18·0 | 20·8 | 29·4 | 26·2 | 45 | 25 | 32 | 8·2 | 7·9 | 8·0 | 0 | 0 | 0 | NE | 5 | NE | 4 | NE | 3 | 0·0 | 13·5 |
| 17 | 26·9 | 24·8 | 26·1 | 29·7 | 17·4 | 20·4 | 29·1 | 24·9 | 43 | 13 | 18 | 7·6 | 3·8 | 4·2 | 0 | 0 | 0 | NNE | 3 | N | 3 | N | 2 | 0·0 | 17·4 |
| 18 | 27·8 | 25·5 | 26·1 | 28·5 | 15·1 | 18·6 | 28·3 | 23·7 | 19 | 9 | 6 | 3·1 | 2·5 | 1·4 | 0 | 0 | 0 | NNE | 4 | NNE | 2 | N | 2 | 0·0 | 17·6 |
| 19 | 28·3 | 26·3 | 27·0 | 26·2 | 13·7 | 15·8 | 26·0 | 21·8 | 16 | 4 | 6 | 2·2 | 1·0 | 1·1 | 0 | 0 | 0 | N | 3 | NNE | 3 | N | 2 | 0·0 | 16·5 |
| 20 | 28·6 | 25·5 | 26·9 | 27·0 | 10·0 | 14·1 | 26·4 | 20·6 | 22 | 8 | 17 | 2·7 | 1·9 | 3·1 | 0 | 6 | 2 | N | 3 | N | 3 | N | 2 | 0·0 | 16·2 |
| 21 | 28·4 | 25·9 | 26·1 | 28·0 | 11·2 | 16·5 | 27·7 | 22·1 | 21 | 16 | 13 | 2·9 | 4·3 | 2·6 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | NNE | 1 | 0·0 | 11·5 |
| 22 | 28·2 | 24·8 | 25·1 | 31·7 | 12·4 | 17·4 | 31·0 | 24·8 | 28 | 11 | 16 | 4·1 | 3·6 | 3·6 | 0 | 0 | 0 | NE | 1 | Calm | 0 | Calm | 0 | 0·0 | 12·7 |
| 23 | 26·4 | 23·8 | 24·0 | 36·3 | 16·0 | 20·5 | 34·4 | 27·6 | 18 | 5 | 9 | 3·3 | 2·0 | 2·4 | 2 | 0 | 0 | NE | 1 | Calm | 0 | Calm | 0 | 0·0 | 13·9 |
| 24 | 25·3 | 23·3 | 24·2 | 36·2 | 17·7 | 23·2 | 35·4 | 28·5 | 22 | 8 | 16 | 4·6 | 3·5 | 4·5 | 0 | 0 | 0 | Calm | 0 | NE | 1 | NNE | 1 | 0·0 | 16·8 |
| 25 | 25·4 | 23·4 | 24·5 | 35·8 | 19·0 | 24·0 | 35·3 | 28·2 | 13 | 6 | 9 | 3·0 | 2·8 | 2·7 | 0 | 0 | 0 | NE | 1 | NE | 3 | NNE | 1 | 0·0 | 20·0 |
| 26 | 26·3 | 24·2 | 25·6 | 33·8 | 17·0 | 21·2 | 32·8 | 27·5 | 16 | 12 | 11 | 3·1 | 4·4 | 3·1 | 0 | 0 | 0 | NNE | 4 | NE | 3 | N | 1 | 0·0 | 20·6 |
| 27 | 27·1 | 24·5 | 25·4 | 31·8 | 15·9 | 19·4 | 31·4 | 25·8 | 15 | 11 | 11 | 2·5 | 3·7 | 2·7 | 0 | 0 | 0 | N | 3 | N | 3 | N | 2 | 0·0 | 19·3 |
| 28 | 25·8 | 24·0 | 24·7 | 31·4 | 13·5 | 19·0 | 30·7 | 25·4 | 14 | 12 | 20 | 2·2 | 4·1 | 4·7 | 0 | 0 | 0 | NE | 4 | NE | 1 | NNE | 1 | 0·0 | 15·3 |
| Month | 26·78 | 24·50 | 25·32 | 31·1 | 15·0 | 18·8 | 30·3 | 24·7 | 24 | 12 | 16 | 3·9 | 3·8 | 3·8 | 1·2 | 1·3 | 0·9 | — | 2·4 | — | 1·9 | — | 1·1 | 0·0 | 15·53 |

**Remarks** :—13 Overcast (cir. str.) *p*.—14 Overcast (alt. Cum.) *p*.

# KHARTOUM (Gordon College).

$\varphi = 15° 36' 33''$ N. $\lambda = 32° 33'$ E. H = 390·0 m. $h_t = 1·8$ m. $h_r = 1·2$ m.

$C_h$ = + 33 mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25·9 | 23·3 | 23·8 | 34·0 | 16·1 | 20·0 | 33·1 | 27·2 | 19 | 12 | 10 | 3·2 | 4·6 | 2·7 | 1 | 1 | 0 | NNE | 2 | NNE | 1 | NNE | 1 | 0·0 | 15·4 |
| 2 | 24·8 | 22·0 | 22·7 | 36·1 | 16·3 | 20·7 | 36·1 | 28·1 | 15 | 3 | 11 | 2·8 | 1·4 | 3·0 | 3 | 1 | 1 | ENE | 1 | NNE | 2 | NNE | 1 | 0·0 | 17·4 |
| 3 | 23·6 | 21·6 | 21·9 | 35·1 | 18·8 | 22·5 | 34·3 | 25·1 | 23 | 16 | 36 | 4·7 | 6·6 | 8·4 | 9 | 8 | 2 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 14·0 |
| 4 | 24·1 | 22·7 | 24·8 | 32·4 | 21·0 | 22·2 | 31·6 | 25·0 | 15 | 9 | 11 | 3·0 | 3·1 | 2·6 | 9 | 8 | 0 | NNE | 4 | NNE | 4 | N | 4 | 0·0 | 22·2 |
| 5 | 27·4 | 25·4 | 26·6 | 26·5 | 14·4 | 15·6 | 26·2 | 21·0 | 22 | 6 | 9 | 2·9 | 1·5 | 1·7 | 0 | 0 | 0 | N | 5 | N | 3 | NNW | 2 | 0·0 | 20·7 |
| 6 | 29·2 | 27·6 | 28·7 | 24·5 | 13·0 | 15·0 | 24·1 | 19·8 | 19 | 5 | 7 | 2·4 | 1·0 | 1·1 | 0 | 0 | 0 | NNW | 4 | N | 4 | NNW | 4 | 0·0 | 19·6 |
| 7 | 30·7 | 28·2 | 28·4 | 23·8 | 11·7 | 13·8 | 23·1 | 19·6 | 18 | 4 | 8 | 2·1 | 0·9 | 1·4 | 0 | 0 | 0 | N | 4 | N | 4 | N | 1 | 0·0 | 16·4 |
| 8 | 29·9 | 27·5 | 28·0 | 27·0 | 12·3 | 15·8 | 25·7 | 21·3 | 25 | 8 | 13 | 3·3 | 2·1 | 2·3 | 0 | 0 | 0 | N | 4 | N | 3 | Calm | 0 | 0·0 | 15·2 |
| 9 | 28·8 | 26·6 | 27·4 | 27·8 | 12·4 | 16·5 | 27·5 | 21·5 | 22 | 7 | 9 | 3·1 | 2·0 | 1·8 | 0 | 0 | 0 | N | 3 | NNW | 2 | NNW | 1 | 0·0 | 17·6 |
| 10 | 29·1 | 26·9 | 27·1 | 25·3 | 12·3 | 15·8 | 24·8 | 20·6 | 23 | 7 | 12 | 3·1 | 1·6 | 2·2 | 0 | 0 | 0 | N | 4 | NNE | 3 | N | 1 | 0·0 | 14·4 |
| 11 | 28·4 | 26·0 | 25·6 | 28·5 | 9·4 | 14·8 | 26·8 | 22·1 | 22 | 5 | 17 | 2·8 | 1·4 | 3·5 | 0 | 5 | 0 | N | 1 | NNE | 1 | Calm | 0 | 0·0 | 13·2 |
| 12 | 26·4 | 24·9 | 25·9 | 32·4 | 13·2 | 19·0 | 31·2 | 27·8 | 16 | 11 | 8 | 2·5 | 3·8 | 2·1 | 0 | 0 | 10 | NNE | 3 | NNW | 1 | Calm | 0 | 0·0 | 19·4 |
| 13 | 28·4 | 26·8 | 27·0 | 29·4 | 16·7 | 19·2 | 28·0 | 24·0 | 18 | 8 | 10 | 3·0 | 2·1 | 2·3 | 1 | 1 | 0 | N | 4 | N | 3 | N | 1 | 0·0 | 20·0 |
| 14 | 28·4 | 26·0 | 26·1 | 28·0 | 14·7 | 17·8 | 27·0 | 22·8 | 21 | 11 | 13 | 3·3 | 2·9 | 2·6 | 0 | 0 | 0 | N | 4 | N | 3 | N | 1 | 0·0 | 16·7 |
| 15 | 26·6 | 24·4 | 25·0 | 30·3 | 15·2 | 19·0 | 29·8 | 24·2 | 19 | 13 | 17 | 3·1 | 4·4 | 3·7 | 0 | 0 | 0 | N | 4 | NNE | 2 | NNE | 2 | 0·0 | 15·8 |
| 16 | 26·1 | 24·1 | 24·6 | 32·1 | 14·2 | 20·0 | 31·1 | 25·3 | 22 | 12 | 12 | 3·9 | 3·9 | 2·9 | 0 | 0 | 1 | NNE | 3 | NE | 1 | NNE | 1 | 0·0 | 16·9 |
| 17 | 25·2 | 23·1 | 23·2 | 33·2 | 14·5 | 21·0 | 32·3 | 28·7 | 17 | 12 | 12 | 3·2 | 4·5 | 3·5 | 0 | 1 | 1 | NNE | 2 | NE | 2 | NNE | 1 | 0·0 | 16·2 |
| 18 | 24·2 | 22·6 | 23·2 | 34·1 | 17·2 | 22·0 | 33·7 | 27·7 | 11 | 6 | 3 | 2·3 | 2·4 | 0·8 | 0 | 0 | 0 | NNE | 1 | NNW | 1 | N | 2 | 0·0 | 21·8 |
| 19 | 25·5 | 23·6 | 24·8 | 33·4 | 17·3 | 21·3 | 32·8 | 26·5 | 6 | 2 | 3 | 1·2 | 0·6 | 0·8 | 0 | 0 | 1 | N | 4 | NNE | 2 | NNW | 1 | 0·0 | 21·6 |
| 20 | 26·1 | 24·0 | 25·0 | 33·8 | 16·0 | 21·0 | 32·7 | 25·8 | 10 | 7 | 9 | 1·8 | 2·7 | 2·1 | 0 | 0 | 0 | N | 5 | NNE | 3 | N | 1 | 0·0 | 21·2 |
| 21 | 26·2 | 23·9 | 25·0 | 32·8 | 15·8 | 21·4 | 32·4 | 26·6 | 8 | 10 | 6 | 1·6 | 3·5 | 1·5 | 0 | 0 | 0 | NNE | 4 | NNE | 3 | NNW | 1 | 0·0 | 19·7 |
| 22 | 27·0 | 24·2 | 24·5 | 30·7 | 16·1 | 19·8 | 30·1 | 24·0 | 13 | 5 | 15 | 2·2 | 1·5 | 3·2 | 0 | 0 | 0 | NNW | 4 | N | 2 | N | 1 | 0·0 | 16·6 |
| 23 | 24·7 | 22·5 | 22·6 | 32·9 | 14·2 | 19·7 | 32·1 | 26·2 | 14 | 7 | 15 | 2·4 | 2·5 | 3·7 | 0 | 0 | 0 | N | 3 | NE | 2 | N | 1 | 0·0 | 15·2 |
| 24 | 24·6 | 22·6 | 23·5 | 35·9 | 17·4 | 22·8 | 35·2 | 28·8 | 14 | 4 | 9 | 2·8 | 1·5 | 2·6 | 0 | 8 | 5 | NE | 2 | Calm | 0 | Calm | 0 | 0·0 | 15·1 |
| 25 | 25·2 | 23·3 | 23·8 | 37·3 | 18·5 | 24·8 | 36·6 | 30·5 | 14 | 7 | 15 | 3·2 | 3·4 | 5·0 | 0 | 1 | 0 | NE | 2 | NW | 3 | NNE | 1 | 0·0 | 18·1 |
| 26 | 26·3 | 24·0 | 25·3 | 38·5 | 20·0 | 25·8 | 38·0 | 29·6 | 8 | 5 | 12 | 2·0 | 2·5 | 3·8 | 3 | 1 | 0 | NNE | 3 | WNW | 3 | WNW | 2 | 0·0 | 17·4 |
| 27 | 26·2 | 23·4 | 23·9 | 36·0 | 15·5 | 23·2 | 35·4 | 28·1 | 10 | 4 | 7 | 2·2 | 1·7 | 1·9 | 0 | 0 | 0 | NNW | 3 | N | 2 | N | 1 | 0·0 | 21·3 |
| 28 | 25·7 | 23·9 | 24·2 | 35·3 | 18·2 | 23·5 | 34·8 | 27·3 | 8 | 2 | 6 | 1·8 | 1·0 | 1·8 | 0 | 0 | 0 | N | 4 | NNW | 1 | NNW | 1 | 0·0 | 16·8 |
| 29 | 25·9 | 23·1 | 23·4 | 37·1 | 17·2 | 24·4 | 36·5 | 30·0 | 14 | 7 | 10 | 3·2 | 3·1 | 3·2 | 0 | 0 | 0 | N | 2 | Calm | 0 | N | 1 | 0·0 | 17·7 |
| 30 | 25·3 | 22·9 | 23·8 | 38·1 | 19·8 | 27·2 | 37·5 | 30·0 | 15 | 8 | 19 | 4·0 | 3·8 | 5·9 | 0 | 0 | 0 | N | 3 | WNW | 2 | Calm | 0 | 0·0 | 14·4 |
| 31 | 25·6 | 23·5 | 23·7 | 38·8 | 20·8 | 27·0 | 37·4 | 28·6 | 22 | 8 | 20 | 5·7 | 4·0 | 5·8 | 0 | 0 | 0 | Calm | 0 | NNE | 1 | Calm | 0 | 0·0 | 14·9 |
| Month | 26·50 | 24·34 | 24·95 | 32·3 | 15·8 | 20·4 | 31·5 | 25·6 | 16 | 7 | 12 | 2·9 | 2·6 | 2·9 | 0·8 | 1·1 | 0·7 | — | 3·0 | — | 2·1 | — | 1·1 | 0·0 | 17·51 |

**Remarks:**—

$C_h$ = + 32 mm.

## April 1913.

| Date | 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25·4 | 23·5 | 23·6 | 40·0 | 19·1 | 27·2 | 39·0 | 31·2 | 14 | 4 | 6 | 3·9 | 2·2 | 1·9 | 0 | 0 | 0 | N | 1 | W | 2 | Calm | 0 | 0·0 | 17·9 |
| 2 | 26·2 | 23·3 | 23·4 | 37·7 | 18·9 | 26·0 | 36·3 | 30·0 | 12 | 5 | 5 | 2·9 | 2·0 | 1·7 | 0 | 0 | 0 | NE | 3 | NNE | 2 | N | 2 | 0·0 | 21·5 |
| 3 | 24·8 | 21·7 | 22·0 | 39·2 | 19·3 | 26·5 | 38·6 | 31·0 | 7 | 1 | 8 | 1·8 | 0·5 | 2·6 | 0 | 0 | 0 | NE | 2 | NE | 3 | N | 1 | 0·0 | 23·8 |
| 4 | 23·9 | 21·2 | 22·0 | 39·6 | 21·0 | 27·3 | 39·1 | 31·1 | 12 | 3 | 12 | 3·1 | 1·7 | 3·9 | 0 | 0 | 0 | NNE | 5 | NNE | 3 | NNE | 2 | 0·0 | 25·8 |
| 5 | 24·9 | 22·8 | 23·2 | 38·5 | 21·1 | 27·6 | 38·4 | 30·1 | 14 | 5 | 9 | 3·9 | 2·6 | 2·8 | 0 | 0 | 0 | NE | 3 | NE | 3 | NNE | 1 | 0·0 | 24·8 |
| 6 | 25·6 | 23·1 | 22·6 | 36·7 | 19·2 | 25·0 | 35·8 | 28·6 | 10 | 8 | 14 | 2·2 | 3·4 | 4·0 | 0 | 0 | 0 | NE | 3 | NNE | 1 | N | 1 | 0·0 | 19·6 |
| 7 | 24·1 | 22·1 | 22·0 | 37·0 | 16·4 | 25·6 | 36·1 | 30·0 | 9 | 7 | 13 | 2·2 | 3·0 | 4·3 | 0 | 0 | 0 | NNE | 3 | ENE | 2 | NNE | 1 | 0·0 | 18·6 |
| 8 | 23·5 | 21·4 | 21·7 | 38·9 | 18·2 | 25·5 | 38·3 | 29·8 | 19 | 7 | 13 | 4·5 | 3·6 | 4·3 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | NNE | 1 | 0·0 | 19·4 |
| 9 | 23·0 | 21·3 | 21·3 | 39·2 | 19·1 | 26·1 | 38·0 | 32·5 | 24 | 12 | 22 | 5·9 | 6·0 | 8·1 | 0 | 0 | 0 | NE | 1 | NE | 2 | Calm | 0 | 0·0 | 20·0 |
| 10 | 23·3 | 21·4 | 21·7 | 40·2 | 22·8 | 29·8 | 39·7 | 33·6 | 34 | 7 | 14 | 10·5 | 3·8 | 5·5 | 0 | 0 | 0 | NE | 3 | NNE | 3 | N | 1 | 0·0 | 21·9 |
| 11 | 23·8 | 21·9 | 21·8 | 39·5 | 22·6 | 27·8 | 39·1 | 31·5 | 28 | 6 | 8 | 7·8 | 2·9 | 2·6 | 0 | 0 | 0 | NE | 2 | NNE | 2 | N | 1 | 0·0 | 20·9 |
| 12 | 23·5 | 20·9 | 20·9 | 38·4 | 19·6 | 29·6 | 37·8 | 30·3 | 4 | 1 | 7 | 1·3 | 0·7 | 2·4 | 0 | 0 | 0 | NE | 3 | NNE | 4 | Calm | 0 | 0·0 | 22·0 |
| 13 | 22·6 | 20·5 | 20·7 | 39·5 | 19·6 | 27·4 | 38·6 | 32·0 | 9 | 3 | 8 | 2·4 | 1·7 | 2·9 | 0 | 0 | 0 | NNE | 1 | NE | 1 | N | 1 | 0·0 | 21·0 |
| 14 | 23·2 | 20·8 | 21·0 | 39·6 | 22·1 | 28·7 | 39·0 | 33·4 | 24 | 6 | 11 | 7·1 | 3·3 | 4·4 | 0 | 0 | 0 | NNE | 3 | NE | 3 | N | 1 | 0·0 | 20·6 |
| 15 | 23·2 | 20·6 | 20·6 | 38·9 | 25·4 | 30·0 | 38·1 | 32·8 | 37 | 10 | 19 | 11·8 | 5·2 | 7·1 | 0 | 0 | 0 | NE | 3 | NNE | 3 | N | 1 | 0·0 | 18·6 |
| 16 | 22·8 | 20·0 | 19·8 | 39·7 | 24·0 | 30·3 | 38·5 | 33·1 | 32 | 8 | 11 | 10·1 | 4·1 | 4·3 | 0 | 0 | 0 | NE | 2 | NNE | 2 | N | 1 | 0·0 | 18·8 |
| 17 | 22·5 | 19·7 | 20·1 | 41·4 | 24·4 | 29·8 | 39·5 | 33·5 | 32 | 12 | 18 | 9·9 | 6·5 | 7·0 | 0 | 0 | 0 | NE | 2 | Calm | 0 | Calm | 0 | 0·0 | 14·4 |
| 18 | 22·3 | 19·5 | 19·4 | 42·9 | 24·1 | 31·0 | 42·6 | 34·3 | 29 | 6 | 13 | 9·5 | 3·7 | 5·1 | 0 | 0 | 0 | Calm | 0 | SW | 2 | Calm | 0 | 0·0 | 14·9 |
| 19 | 22·2 | 20·0 | 19·7 | 42·0 | 25·5 | 32·7 | 41·3 | 34·5 | 33 | 12 | 17 | 12·2 | 7·3 | 6·8 | 0 | 0 | 0 | SW | 2 | W | 2 | S | 1 | 0·0 | 17·7 |
| 20 | 23·7 | 20·8 | 20·9 | 41·8 | 27·2 | 31·1 | 41·4 | 33·0 | 39 | 19 | 30 | 13·2 | 10·8 | 11·1 | 0 | 3 | 0 | S | 6 | SSW | 2 | S | 2 | 0·0 | 16·6 |
| 21 | 22·6 | 20·7 | 22·0 | 42·1 | 26·4 | 33·4 | 39·6 | 31·4 | 31 | 17 | 39 | 11·7 | 9·4 | 13·2 | 0 | 6 | 8 | WSW | 3 | Calm | 0 | NW | 2 | 0·0 | 15·2 |
| 22 | 22·1 | 19·9 | 20·2 | 43·2 | 28·0 | 31·6 | 42·0 | 35·8 | 24 | 13 | 22 | 8·5 | 8·2 | 9·7 | 8 | 4 | 3 | NNW | 3 | Calm | 0 | NW | 1 | Drops | 17·0 |
| 23 | 22·5 | 20·4 | 21·0 | 41·0 | 28·5 | 32·5 | 38·8 | 34·8 | 19 | 17 | 16 | 6·8 | 8·9 | 6·8 | 2 | 7 | 2 | N | 3 | NE | 1 | N | 6 | 0·0 | 23·3 |
| 24 | 23·8 | 21·0 | 21·2 | 37·4 | 27·0 | 29·4 | 36·8 | 33·1 | 31 | 19 | 16 | 9·6 | 8·8 | 6·1 | 0 | 0 | 0 | NE | 4 | NE | 4 | N | 4 | 0·0 | 22·8 |
| 25 | 23·7 | 21·4 | 22·1 | 37·2 | 22·7 | 28·0 | 35·7 | 31·0 | 13 | 10 | 9 | 3·7 | 4·2 | 2·9 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0·0 | 21·6 |
| 26 | 24·3 | 21·7 | 22·0 | 38·2 | 23·8 | 27·2 | 37·4 | 31·1 | 7 | 4 | 10 | 1·8 | 2·0 | 3·3 | 1 | 0 | 0 | N | 1 | Calm | 0 | Calm | 0 | 0·0 | 19·5 |
| 27 | 23·5 | 21·6 | 21·7 | 40·6 | 22·3 | 29·4 | 40·3 | 32·6 | 4 | 5 | 10 | 1·3 | 2·8 | 3·5 | 0 | 0 | 0 | NNW | 3 | Calm | 0 | Calm | 0 | 0·0 | 18·5 |
| 28 | 23·0 | 21·4 | 21·3 | 42·2 | 23·9 | 30·5 | 41·7 | 34·3 | 7 | 5 | 12 | 2·2 | 3·1 | 4·9 | 0 | 0 | 0 | NNE | 3 | Calm | 0 | Calm | 0 | 0·0 | 17·0 |
| 29 | 22·7 | 20·5 | 20·6 | 43·3 | 25·2 | 31·7 | 41·5 | 34·4 | 8 | 7 | 10 | 2·8 | 3·9 | 4·2 | 0 | 0 | 0 | N | 3 | N | 1 | NW | 1 | 0·0 | 21·1 |
| 30 | 22·9 | 19·8 | 21·2 | 42·4 | 25·6 | 32·0 | 40·8 | 34·9 | 6 | 5 | 4 | 2·0 | 3·0 | 1·8 | 0 | 0 | 0 | N | 2 | NW | 2 | NW | 1 | 0·0 | 24·2 |
| Month | 23·52 | 21·16 | 21·39 | 39·9 | 22·8 | 29·0 | 39·0 | 32·3 | 19 | 8 | 14 | 5·9 | 4·3 | 5·0 | 0·4 | 0·7 | 0·4 | — | 2·5 | — | 1·7 | — | 1·1 | Drops | 19·97 |

**Remarks:**—20 ∞ $6^h$–$8^h$, < E *p.*—21 ∞ $15^h$.—22 ∞, ●° $23^{30}$.—23 ∞ $17^{30}$.

# KHARTOUM (Gordon College).

$\varphi = 15° 36' 33''$ N. $\lambda = 32° 33'$ E. H = 390·0 m. $h_t = 1·8$ m. $h_r = 1·2$ m.

$C_h = +31$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22·7 | 20·3 | 20·7 | 42·2 | 24·0 | 31·9 | 40·2 | 34·0 | 5 | 3 | 8 | 1·7 | 1·8 | 3·3 | 0 | 8 | 0 | NNE | 2 | N | 1 | Calm | 0 | 0·0 | 23·8 |
| 2 | 24·6 | 21·9 | 21·5 | 41·5 | 26·7 | 33·0 | 40·2 | 33·0 | 27 | 10 | 20 | 10·3 | 5·6 | 7·3 | 5 | 0 | 0 | SE | 1 | NNE | 1 | Calm | 0 | 0·0 | 15·7 |
| 3 | 24·2 | 21·5 | 21·4 | 41·8 | 27·4 | 32·8 | 41·7 | 35·4 | 30 | 12 | 14 | 10·9 | 7·1 | 6·3 | 0 | 0 | 0 | E | 3 | NE | 1 | N | 1 | 0·0 | 19·4 |
| 4 | 24·1 | 21·1 | 20·6 | 43·4 | 24·9 | 33·4 | 43·0 | 33·5 | 15 | 9 | 23 | 5·9 | 5·6 | 8 8 | 0 | 0 | 0 | ESE | 2 | Calm | 0 | Calm | 0 | 0·0 | 16·8 |
| 5 | 23·2 | 20·5 | 19·9 | 42·1 | 27·1 | 32·6 | 41·5 | 36·4 | 38 | 15 | 20 | 14·0 | 9·0 | 9·5 | 8 | 4 | 0 | SSW | 3 | WSW | 1 | SSW | 1 | 0·0 | 18·0 |
| 6 | 22·4 | 20·3 | 20·5 | 41·5 | 29·4 | 32·1 | 40·0 | 35·3 | 13 | 12 | 13 | 4·7 | 6·4 | 5·6 | 0 | 5 | 0 | NNW | 2 | Calm | 0 | N | 1 | 0·0 | 23·2 |
| 7 | 22·8 | 20·7 | 20·9 | 42·4 | 28·6 | 32·8 | 40·5 | 35·5 | 14 | 9 | 15 | 5·2 | 5·0 | 6·7 | 0 | 0 | 0 | NNE | 3 | Calm | 0 | Calm | 0 | 0·0 | 20·7 |
| 8 | 23·2 | 21·0 | 21·1 | 42·6 | 26·2 | 34·2 | 41·7 | 35·3 | 12 | 12 | 19 | 4·7 | 7·1 | 8·0 | 0 | 0 | 0 | SE | 2 | W | 1 | WNW | 2 | 0·0 | 17·1 |
| 9 | 24·9 | 20·9 | 21·5 | 40·0 | 29·3 | 31·5 | 39·1 | 34·8 | 40 | 12 | 16 | 13·8 | 6·0 | 6·7 | 8 | 10 | 0 | NNE | 4 | N | 4 | NNE | 2 | 0·0 | 19·5 |
| 10 | 24·4 | 21·0 | 20·4 | 39·8 | 24·5 | 29·5 | 38·0 | 33·3 | 38 | 15 | 19 | 11·9 | 7·3 | 7·3 | 0 | 3 | 0 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 15·8 |
| 11 | 23·3 | 20·9 | 21·2 | 40·8 | 24·3 | 32·0 | 39·6 | 34·3 | 23 | 13 | 21 | 8·2 | 7·0 | 8·6 | 0 | 0 | 0 | NE | 1 | ESE | 1 | Calm | 0 | 0·0 | 14·1 |
| 12 | 24·1 | 21·8 | 22·2 | 42·0 | 27·4 | 33·7 | 40·7 | 35·0 | 32 | 9 | 13 | 12·4 | 5·1 | 5·4 | 0 | 0 | 0 | W | 2 | Calm | 0 | N | 1 | 0·0 | 17·2 |
| 13 | 24·7 | 22·2 | 21·9 | 42·6 | 25·8 | 35·1 | 41·6 | 35·0 | 19 | 9 | 12 | 8·1 | 5·4 | 5·0 | 0 | 0 | 0 | ENE | 1 | NE | 1 | N | 1 | 0·0 | 22·4 |
| 14 | 24·7 | 21·8 | 22·5 | 41·3 | 26·5 | 33·1 | 40·3 | 35·1 | 12 | 8 | 8 | 4·6 | 4·3 | 3·4 | 0 | 0 | 0 | NE | 3 | NE | 3 | N | 2 | 0·0 | 24·3 |
| 15 | 25·4 | 22·8 | 22·8 | 40·3 | 23·5 | 32·0 | 39·5 | 33·5 | 8 | 8 | 12 | 2·9 | 4·3 | 4·6 | 0 | 0 | 0 | ESE | 1 | Calm | 0 | N | 1 | 0·0 | 15·8 |
| 16 | 24·9 | 22·0 | 22·3 | 40·2 | 22·1 | 32·0 | 40·1 | 33·0 | 12 | 8 | 8 | 4·3 | 4·3 | 3·1 | 0 | 0 | 0 | S | 1 | WNW | 2 | N | 1 | 0·0 | 21·0 |
| 17 | 24·3 | 22·9 | 23·4 | 36·8 | 23·1 | 29·0 | 35·5 | 30·5 | 16 | 8 | 8 | 4·8 | 3·3 | 2·7 | 0 | 0 | 0 | NNE | 4 | N | 2 | N | 1 | 0·0 | 24·0 |
| 18 | 25·9 | 23·5 | 23·6 | 36·3 | 20·0 | 26·1 | 34·3 | 29·2 | 13 | 4 | 9 | 3·2 | 1·8 | 2·7 | 0 | 0 | 0 | NE | 4 | N | 2 | N | 1 | 0·0 | 19·4 |
| 19 | 25·6 | 23·5 | 23·5 | 37·0 | 18·8 | 26·5 | 36·2 | 31·1 | 12 | 7 | 8 | 3·1 | 3·3 | 2·8 | 0 | 1 | 4 | NNE | 3 | N | 1 | N | 1 | 0·0 | 18·0 |
| 20 | 24·4 | 22·1 | 22·1 | 39·5 | 21·2 | 29·3 | 38·0 | 33·4 | 14 | 8 | 13 | 4·4 | 3·8 | 5·2 | 1 | 0 | 0 | NE | 3 | NE | 1 | NNE | 1 | 0·0 | 18·9 |
| 21 | 24·3 | 21·9 | 21·9 | 41·8 | 22·5 | 31·0 | 40·0 | 32·8 | 10 | 3 | 15 | 3·3 | 1·8 | 5·7 | 1 | 0 | 0 | NNE | 3 | N | 1 | Calm | 0 | 0·0 | 19·2 |
| 22 | 22·8 | 20·4 | 20·1 | 43·1 | 23·7 | 32·5 | 41·9 | 35·0 | 8 | 7 | 8 | 3·0 | 4·0 | 3·6 | 0 | 0 | 0 | NNE | 3 | NNE | 1 | NNW | 1 | 0·0 | 23·1 |
| 23 | 21·3 | 19·3 | 19·2 | 44·5 | 26·0 | 34·0 | 43·0 | 36·3 | 8 | 5 | 11 | 3·3 | 3·3 | 5·0 | 0 | 0 | 2 | NE | 2 | E | 1 | WNW | 1 | 0·0 | 18·9 |
| 24 | 22·0 | 19·8 | 20·2 | 44·3 | 28·5 | 33·6 | 42·4 | 35·3 | 30 | 13 | 22 | 11·8 | 8·1 | 9·2 | 4 | 0 | 0 | S | 7 | Calm | 0 | SE | 8 | 0·0 | 21·7 |
| 25 | 22·2 | 20·1 | 20·4 | 43·5 | 31·3 | 35·0 | 42·8 | 36·8 | 28 | 10 | 19 | 11·5 | 6·6 | 8·9 | 8 | 6 | 3 | NW | 1 | E | 1 | NNE | 1 | Drops | 17·9 |
| 26 | 23·6 | 21·4 | 21·4 | 42·7 | 28·2 | 33·5 | 42·1 | 36·4 | 13 | 6 | 9 | 4·9 | 3·7 | 4·1 | 0 | 0 | 0 | NNE | 3 | ENE | 1 | ENE | 1 | 0·0 | 23·1 |
| 27 | 25·3 | 22·8 | 22·2 | 41·1 | 26·6 | 32·6 | 40·0 | 34·5 | 36 | 4 | 11 | 13·3 | 2·1 | 4·6 | 0 | 0 | 0 | W | 1 | NNW | 1 | NNE | 3 | 0·0 | 21·4 |
| 28 | 24·0 | 21·3 | 21·3 | 40·8 | 27·0 | 32·6 | 40·6 | 34·5 | 10 | 7 | 10 | 3·6 | 4·0 | 4·2 | 0 | 0 | 0 | NNE | 7 | NE | 4 | NNE | 4 | 0·0 | 24·9 |
| 29 | 23·9 | 21·2 | 22·1 | 39·7 | 26·4 | 31·4 | 39·5 | 34·7 | 10 | 6 | 9 | 3·5 | 3·3 | 3·6 | 0 | 0 | 0 | NNE | 7 | NNE | 4 | N | 3 | 0·0 | 27·5 |
| 30 | 24·8 | 22·9 | 24·0 | 37·1 | 24·9 | 28·6 | 36·9 | 30·6 | 10 | 4 | 7 | 3·0 | 1·7 | 2·3 | 1 | 0 | 0 | NE | 4 | NE | 5 | NW | 2 | 0·0 | 30·1 |
| 31 | 25·8 | 23·9 | 24·0 | 36·6 | 22·1 | 27·9 | 36·4 | 29·8 | 8 | 4 | 5 | 2·2 | 1·7 | 1.6 | 0 | 0 | 0 | NNW | 5 | N | 3 | NNW | 1 | 0.0 | 24·3 |
| Month | 23·99 | 21·54 | 21·64 | 40·9 | 25·4 | 31·8 | 39·9 | 34·0 | 18 | 8 | 13 | 6·5 | 4·6 | 5·3 | 1·2 | 1·2 | 0·3 | — | 2·8 | — | 1·4 | — | 1·4 | Drops | 20·55 |

**Remarks:** – 9 ∞.—24 ∞ 19³⁰–21ʰ.—25 ● ° 19³⁰.

$C_h = +32$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25·5 | 23·2 | 23·7 | 36·0 | 20·5 | 28·1 | 35·2 | 28·9 | 33 | 4 | 11 | 9·3 | 1·6 | 3·2 | 0 | 0 | 0 | NNW | 6 | NNE | 3 | N | 1 | 0·0 | 20·6 |
| 2 | 25·4 | 23·6 | 23·5 | 36·3 | 20·5 | 27·7 | 35·0 | 29·5 | 8 | 5 | 8 | 2·2 | 2·1 | 2·4 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | NNE | 1 | 0·0 | 22·3 |
| 3 | 25·2 | 23·3 | 23·8 | 36·9 | 19·6 | 28·0 | 36·7 | 28·4 | 9 | 4 | 11 | 2·7 | 1·6 | 3·2 | 0 | 0 | 0 | NE | 3 | WNW | 2 | NNW | 1 | 0·0 | 22·1 |
| 4 | 25·0 | 23·0 | 23·2 | 38·5 | 20·3 | 29·5 | 37·0 | 31·0 | 7 | 2 | 9 | 2·2 | 0·9 | 2·9 | 0 | 1 | 0 | NNW | 3 | NW | 2 | NW | 1 | 0·0 | 19·5 |
| 5 | 24·0 | 22·2 | 22·3 | 40·3 | 22·2 | 31·0 | 40·0 | 33·5 | 7 | 5 | 7 | 2·2 | 2·7 | 2·5 | 2 | 1 | 0 | NNE | 4 | WNW | 1 | NNW | 2 | 0·0 | 21·2 |
| 6 | 23·7 | 21·7 | 22·0 | 41·5 | 24·2 | 31·0 | 41·0 | 33·6 | 10 | 6 | 9 | 3·2 | 3·2 | 3·5 | 0 | 0 | 0 | NNW | 4 | NNW | 1 | NNW | 1 | 0·0 | 21·0 |
| 7 | 23·2 | 21·5 | 21·4 | 41·4 | 25·0 | 32·3 | 40·7 | 32·5 | 8 | 5 | 14 | 2·7 | 2·9 | 4·9 | 1 | 0 | 0 | NNE | 6 | WNW | 1 | N | 1 | 0·0 | 23·3 |
| 8 | 22·4 | 21·2 | 21·6 | 42·0 | 24·2 | 31·7 | 40·8 | 35·1 | 4 | 5 | 6 | 1·2 | 2·9 | 2·4 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | WNW | 2 | 0·0 | 28·6 |
| 9 | 23·2 | 21·5 | 21·8 | 43·4 | 25·4 | 32·3 | 42·0 | 36·4 | 10 | 6 | 12 | 3·4 | 3·6 | 5·6 | 1 | 0 | 1 | NNW | 2 | NNE | 1 | NW | 2 | 0·0 | 27·4 |
| 10 | 23·4 | 21·7 | 21·6 | 43·4 | 25·9 | 33·5 | 42·5 | 36·8 | 7 | 5 | 8 | 2·8 | 3·6 | 3·7 | 0 | 1 | 0 | NW | 3 | NW | 2 | NNE | 1 | 0·0 | 25·6 |
| 11 | 23·9 | 21·7 | 21·7 | 43·1 | 25·0 | 32·7 | 42·0 | 34·1 | 6 | 5 | 10 | 2·0 | 3·1 | 4·0 | 1 | 1 | 0 | NNW | 2 | NNW | 1 | WNW | 2 | 0·0 | 25·6 |
| 12 | 24·0 | 21·9 | 22·2 | 40·3 | 26·4 | 32·4 | 39·3 | 32·6 | 11 | 6 | 13 | 4·1 | 3·3 | 4·9 | 2 | 0 | 0 | NNE | 5 | NNW | 1 | N | 1 | 0·0 | 24·1 |
| 13 | 24·4 | 23·3 | 23·7 | 40·5 | 25·5 | 30·8 | 40·5 | 32·7 | 26 | 8 | 11 | 8·6 | 4·5 | 4·1 | 0 | 0 | 0 | NNE | 6 | WNW | 1 | NNE | 1 | 0·0 | 24·1 |
| 14 | 26·0 | 23·8 | 24·5 | 39·2 | 24·0 | 31·1 | 38·9 | 32·0 | 15 | 8 | 14 | 5·1 | 4·2 | 4·9 | 0 | 0 | 0 | NNE | 3 | NNW | 3 | NNW | 2 | 0·0 | 21·6 |
| 15 | 26·2 | 24·1 | 24·2 | 38·7 | 28·4 | 31·5 | 38·0 | 31·2 | 14 | 10 | 12 | 5·0 | 4·7 | 4·1 | 1 | 1 | 0 | N | 4 | WNW | 4 | NNE | 2 | 0·0 | 21·2 |
| 16 | 25·2 | 23·0 | 22·9 | 39·4 | 20·0 | 30·7 | 38·6 | 32·5 | 13 | 8 | 14 | 4·6 | 4·2 | 5·1 | 1 | 0 | 1 | NNW | 1 | WNW | 1 | NNE | 1 | 0·0 | 16·0 |
| 17 | 24·5 | 22·6 | 22·6 | 40·7 | 22·0 | 32·2 | 39·6 | 30·2 | 12 | 8 | 20 | 4·4 | 4·4 | 6·4 | 0 | 0 | 0 | NE | 1 | WNW | 1 | Calm | 0 | 0·0 | 17·4 |
| 18 | 23·8 | 22·6 | 22·9 | 40·9 | 26·5 | 32·2 | 40·5 | 33·0 | 12 | 7 | 14 | 4·4 | 3·9 | 5·4 | 0 | 2 | 0 | NNE | 3 | NW | 2 | N | 1 | 0·0 | 20·6 |
| 19 | 24·4 | 23·5 | 23·2 | 40·9 | 25·0 | 31·0 | 40·3 | 33·4 | 15 | 8 | 13 | 5·1 | 4·3 | 5·3 | 0 | 1 | 0 | N | 4 | NNW | 1 | NW | 2 | 0·0 | 21·4 |
| 20 | 25·1 | 23·4 | 23·6 | 40·1 | 25·5 | 30·4 | 39·8 | 33·2 | 10 | 7 | 11 | 3·3 | 3·6 | 4·2 | 0 | 0 | 0 | NNW | 5 | NW | 3 | NW | 2 | 0·0 | 25·1 |
| 21 | 24·0 | 22·2 | 22·3 | 41·6 | 24·6 | 32·3 | 41·4 | 34·4 | 10 | 7 | 13 | 3·6 | 4·1 | 5·2 | 0 | 0 | 1 | NNW | 4 | NW | 2 | WNW | 1 | 0·0 | 21·5 |
| 22 | 22·8 | 20·4 | 20·1 | 43·1 | 23·7 | 32·5 | 41·9 | 35·0 | 8 | 7 | 8 | 3·0 | 4·0 | 3·6 | 0 | 0 | 0 | NNE | 3 | NNE | 1 | NNW | 1 | 0·0 | 23·1 |
| 23 | 21·3 | 19·3 | 19·2 | 44·5 | 26·0 | 34·0 | 43·0 | 36·3 | 8 | 5 | 11 | 3·3 | 3·3 | 5·0 | 0 | 0 | 2 | NE | 2 | E | 1 | WNW | 1 | 0·0 | 18·9 |
| 24 | 22·0 | 19·8 | 20·2 | 44·3 | 28·5 | 33·6 | 42·4 | 35·3 | 30 | 13 | 19 | 11·8 | 8·1 | 8·0 | 0 | 0 | 0 | SSW | 8 | SSW | 6 | SSW | 3 | 0·0 | 32·0 |
| 25 | 24·7 | 22·3 | 22·6 | 40·4 | 26·5 | 29·0 | 39·7 | 33·6 | 43 | 17 | 27 | 12·7 | 9·7 | 10·4 | 0 | 0 | 0 | SSW | 8 | SSW | 5 | SSW | 1 | 0·0 | 17·8 |
| 26 | 24·9 | 22·3 | 22·1 | 39·6 | 26·4 | 31·0 | 39·5 | 29·5 | 41 | 21 | 51 | 13·8 | 11·5 | 15·6 | 10 | 10 | 8 | SSW | 6 | SSW | 4 | SW | 1 | 0·0 | 21·1 |
| 27 | 24·5 | 23·8 | 23·1 | 38·3 | 23·3 | 26·4 | 37·3 | 32·9 | 61 | 27 | 35 | 15·3 | 13·0 | 12·9 | 10 | 9 | 0 | SSW | 7 | SW | 4 | SSW | 4 | 0·0 | 14·6 |
| 28 | 26·1 | 23·6 | 23·3 | 39·9 | 23·8 | 28·2 | 39·0 | 34·1 | 54 | 19 | 26 | 15·3 | 10·1 | 10·3 | 2 | 0 | 0 | SSW | 5 | SW | 3 | SW | 4 | 0·0 | 13·5 |
| 29 | 25·0 | 24·5 | 22·5 | 41·9 | 20·5 | 31·8 | 40·7 | 35·4 | 41 | 10 | 14 | 14·4 | 5·6 | 6·2 | 0 | 0 | 0 | SSW | 4 | WSW | 2 | NNE | 1 | 0·0 | 16·2 |
| 30 | 25·3 | 23·1 | 22·6 | 40·1 | 26·3 | 30·7 | 40·0 | 33·7 | 43 | 15 | 18 | 14·1 | 8·6 | 7·2 | 0 | 3 | 0 | SSW | 7 | WSW | 4 | SSW | 2 | 0·0 | 17·1 |
| Month | 24·30 | 22·47 | 22·48 | 40·6 | 24·2 | 31·0 | 39·8 | 33·0 | 19 | 9 | 15 | 6·2 | 4·8 | 5·6 | 1·0 | 1·0 | 0·4 | — | 4·2 | — | 2·2 | — | 1·5 | 0·0 | 21·48 |

**Remarks:**—23 ∞ 5ʰ–14ʰ, < ENE 20ʰ.—25 ∞ 4ʰ–15ʰ.—27 ∞ 3ʰ–5ʰ.—30 ∞ 4ʰ–7ʰ.

# KHARTOUM (Gordon College).

φ = 15° 36′ 33″ N. λ = 32° 33′ E. H = 390·0 m. $h_t$ = 1·8 m. $h_r$ = 1·2 m.

$C_h$ = + 32 mm. **July 1913.**

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24·4 | 22·2 | 21·9 | 40·8 | 25·5 | 30·5 | 40·1 | 31·7 | 43 | 17 | 24 | 13·7 | 9·3 | 8·2 | 0 | 0 | 0 | SSW | 8 | SW | 4 | Calm | 0 | 0·0 | 15·5 |
| 2 | 24·4 | 22·5 | 22·0 | 42·0 | 25·6 | 32·8 | 41·2 | 34·1 | 31 | 10 | 20 | 11·4 | 5·8 | 7·7 | 0 | 0 | 0 | SW | 5 | NW | 2 | Calm | 0 | 0·0 | 16·1 |
| 3 | 24·6 | 21·8 | 24·5 | 41·3 | 27·0 | 32·4 | 40·1 | 36·4 | 17 | 10 | 19 | 6·4 | 5·4 | 9·0 | 5 | 0 | 0 | ENE | 2 | NNE | 5 | NW | 2 | 0·0 | 23·7 |
| 4 | 24·5 | 22·9 | 22·9 | 40·7 | 28·3 | 29·2 | 39·8 | 35·4 | 51 | 17 | 22 | 15·2 | 9·4 | 9·6 | — | — | 0 | SSW | 6 | SW | 3 | SW | 2 | 0·0 | 17·4 |
| 5 | 25·2 | 23·3 | 23·2 | 40·4 | 28·6 | 29·6 | 39·6 | 35·2 | 45 | 19 | 27 | 13·7 | 10·6 | 11·5 | — | — | 0 | SSW | 8 | WSW | 5 | SSW | 2 | 0·0 | 18·7 |
| 6 | 24·6 | 22·7 | 20·1 | 40·6 | 27·1 | 29·6 | 40·0 | 34·9 | 51 | 17 | 17 | 15·5 | 9·7 | 7·1 | — | — | 0 | SSW | 7 | SW | 2 | WSW | 2 | 0·0 | 20·0 |
| 7 | 26·1 | 22·7 | 22·4 | 39·0 | 25·9 | 30·0 | 38·2 | 34·1 | 42 | 22 | 27 | 13·3 | 11·0 | 10·6 | 0 | 10 | 5 | SSE | 6 | WSW | 5 | ENE | 4 | 0·0 | 16·3 |
| 8 | 24·5 | 22·0 | 21·7 | 42·1 | 25·5 | 31·3 | 41·5 | 32·8 | 42 | 11 | 22 | 14·1 | 6·5 | 8·1 | 0 | 0 | 0 | SSW | 6 | SW | 2 | SSW | 2 | 0·0 | 15·5 |
| 9 | 25·1 | 22·7 | 22·8 | 39·2 | 25·6 | 30·5 | 38·6 | 33·3 | 43 | 19 | 25 | 13·7 | 9·6 | 9·4 | 0 | 0 | 0 | SSE | 6 | SW | 5 | SSW | 1 | 0·0 | 17·2 |
| 10 | 25·4 | 22·1 | 22·6 | 39·1 | 27·2 | 30·5 | 38·6 | 33·1 | 45 | 23 | 34 | 14·4 | 11·8 | 12·8 | — | 0 | 0 | SSE | 8 | SSW | 4 | SSW | 5 | 0·0 | 18·2 |
| 11 | 25·7 | 22·7 | 22·5 | 38·3 | 24·6 | 28·4 | 36·7 | 31·9 | 55 | 27 | 33 | 15·7 | 12·4 | 11·4 | 7 | 3 | 0 | SSE | 8 | WSW | 7 | SSE | 2 | 0·0 | 14·0 |
| 12 | 24·4 | 22·7 | 23·4 | 39·7 | 20·3 | 30·4 | 38·8 | 31·5 | 45 | 23 | 30 | 14·5 | 12·3 | 10·3 | 0 | 4 | 5 | SSW | 6 | SSW | 3 | SSW | 3 | 0·0 | 14·0 |
| 13 | 26·6 | 23·7 | 24·1 | 40·0 | 26·2 | 29·9 | 38·8 | 35·0 | 47 | 23 | 28 | 14·8 | 12·3 | 11·6 | 8 | 0 | 10 | SSW | 6 | WSW | 3 | SSE | 2 | 0·0 | 16·6 |
| 14 | 25·5 | 22·9 | 22·3 | 42·0 | 27·8 | 33·9 | 41·7 | 37·0 | 33 | 19 | 21 | 13·1 | 11·2 | 9·9 | 0 | 0 | 5 | SSW | 4 | WNW | 2 | WNW | 2 | 5·4 | 15·3 |
| 15 | 23·7 | 24·8 | 22·4 | 37·3 | 24·2 | 27·7 | 37·3 | 32·5 | 53 | 28 | 40 | 14·5 | 13·2 | 14·6 | 10 | 3 | 3 | SW | 5 | SSW | 6 | SSW | 4 | 0·0 | 15·3 |
| 16 | 24·4 | 21·6 | 21·9 | 40·7 | 26·0 | 31·1 | 39·7 | 33·9 | 39 | 15 | 14 | 13·0 | 8·7 | 5·5 | 5 | 0 | 0 | SSW | 6 | WSW | 5 | NNW | 1 | 0·0 | 17·5 |
| 17 | 26·4 | 23·9 | 23·9 | 39·0 | 24·6 | 28·4 | 38·0 | 33·7 | 49 | 19 | 23 | 13·9 | 9·4 | 9·0 | 5 | 4 | 0 | SSW | 6 | SW | 4 | SSE | 2 | 0·0 | 13·7 |
| 18 | 26·2 | 23·6 | 23·3 | 40·6 | 25·0 | 32·6 | 40·1 | 35·5 | 37 | 19 | 18 | 13·7 | 10·4 | 7·7 | 0 | 4 | 9 | Calm | 0 | WNW | 3 | NNW | 1 | 0·0 | 14·3 |
| 19 | 25·1 | 22·5 | 21·8 | 40·8 | 24·9 | 33·0 | 40·3 | 34·5 | 37 | 10 | 12 | 13·8 | 5·7 | 5·0 | 0 | 0 | 0 | SSW | 3 | WSW | 3 | NW | 1 | 0·0 | 15·3 |
| 20 | 23·3 | 21·1 | 21·5 | 40·3 | 25·5 | 28·9 | 40·0 | 33·5 | 53 | 11 | 18 | 15·4 | 6·0 | 7·1 | 5 | 3 | 0 | SSW | 4 | WSW | 2 | SW | 1 | 0·0 | 15·9 |
| 21 | 24·8 | 21·9 | 22·5 | 39·7 | 24·9 | 29·8 | 38·6 | 33·5 | 46 | 29 | 25 | 14·3 | 10·7 | 9·6 | 1 | 5 | 3 | SSW | 6 | WSW | 2 | SSE | 4 | 0·0 | 15·2 |
| 22 | 25·0 | 23·2 | 22·9 | 39·0 | 26·5 | 30·3 | 38·6 | 32·4 | 46 | 20 | 35 | 14·5 | 10·3 | 12·7 | 2 | 3 | 0 | SSW | 4 | SSW | 4 | SSE | 6 | 0·0 | 14·6 |
| 23 | 24·8 | 21·9 | 21·9 | 39·3 | 25·1 | 31·5 | 33·7 | 31·6 | 43 | 40 | 35 | 14·9 | 15·2 | 12·0 | 0 | 8 | 8 | SW | 5 | E | 3 | SSW | 2 | 1·4 | 12·2 |
| 24 | 23·4 | 20·9 | 22·0 | 40·3 | 24·5 | 29·9 | 39·2 | 29·4 | 50 | 20 | 43 | 15·7 | 10·9 | 13·2 | 0 | 7 | 2 | SSW | 5 | SSW | 5 | SSE | 3 | 0·0 | 14·9 |
| 25 | 24·2 | 22·0 | 24·0 | 40·1 | 27·3 | 31·9 | 39·6 | 28·9 | 48 | 17 | 51 | 16·7 | 9·7 | 14·9 | 6 | 2 | — | SSW | 4 | SSW | 2 | WSW | 7 | 0·0 | 12·6 |
| 26 | 26·2 | 24·1 | 23·3 | 39·7 | 24·2 | 28·6 | 38·7 | 33·9 | 58 | 23 | 32 | 16·9 | 12·1 | 12·7 | 1 | 0 | 3 | SSW | 5 | WSW | 4 | SSW | 5 | 0·0 | 13·5 |
| 27 | 25·9 | 23·7 | 22·8 | 40·3 | 25·3 | 28·6 | 39·5 | 32·5 | 58 | 21 | 31 | 16·7 | 11·3 | 11·2 | 0 | 4 | 0 | SSW | 6 | WNW | 2 | SSW | 2 | 0·0 | 14·6 |
| 28 | 24·5 | 22·2 | 22·1 | 39·7 | 24·9 | 30·0 | 38·8 | 32·2 | 50 | 14 | 20 | 15·6 | 7·5 | 7·5 | 0 | 1 | 0 | SSW | 4 | SW | 2 | SSW | 2 | 0·0 | 14·8 |
| 29 | 23·9 | 21·2 | 21·7 | 41·0 | 25·4 | 31·5 | 40·7 | 35·7 | 45 | 17 | 22 | 15·5 | 9·5 | 9·4 | 0 | 4 | 7 | SSW | 4 | SSW | 2 | SE | 1 | 0·0 | 15·5 |
| 30 | 24·7 | 22·3 | 23·1 | 40·6 | 27·3 | 32·0 | 40·3 | 34·6 | 28 | 9 | 17 | 10·0 | 5·0 | 6·9 | 1 | 0 | 5 | NE | 1 | WSW | 3 | NW | 2 | 0·0 | 15·0 |
| 31 | 26·2 | 23·6 | 23·6 | 39·0 | 25·6 | 29·9 | 38·4 | 33·8 | 56 | 19 | 35 | 17·6 | 10·1 | 13·7 | 1 | 3 | 3 | SSW | 5 | SW | 2 | SSW | 7 | 0·0 | 13·9 |
| Month | 24·96 | 22·63 | 22·62 | 40·1 | 25·9 | 30·5 | 39·2 | 33·5 | 45 | 19 | 26 | 14·3 | 9·8 | 10·0 | 2·1 | 2·4 | 2·3 | — | 5·1 | — | 3·4 | — | 2·6 | 6·8 | 15·72 |

**Remarks:**—4 ꝏ.—5 ꝏ.—6 ꝏ.—10 ꝏ 7h–13h.—12 ∞ 6–8³⁰, < ESE 20h.—13 < 22h, ●² 22³⁰–23h.—14 ☈ 22h–0³⁰.—22 < SE 19h.—23 ∞ 13³⁰–13⁴⁵, ● 13³⁰–14h, ⌒ 17h, < SW 18h.—24 ∞ 17h–18h, < SW 20h.—25 ꝏ² 17h–18³⁰, < WSW 19h.—26 < SW 20h.—30 ∞ 22h–0h.—31 < SW 20h.

$C_h$ = + 32 mm. **August 1913.**

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25·1 | 22·4 | 22·9 | 40·0 | 25·4 | 33·2 | 39·3 | 34·0 | 36 | 13 | 13 | 13·7 | 6·8 | 5·1 | 0 | 0 | 0 | SSW | 3 | SSW | 2 | NNW | 2 | 0·0 | 15·3 |
| 2 | 25·1 | 24·8 | 22·0 | 40·3 | 22·9 | 28·3 | 40·0 | 32·6 | 62 | 11 | 22 | 17·6 | 6·0 | 8·0 | 0 | 0 | 0 | SSW | 4 | SSW | 2 | WNW | 2 | 0·0 | 14·0 |
| 3 | 24·7 | 21·9 | 22·7 | 40·2 | 24·4 | 31·9 | 38·5 | 31·8 | 40 | 17 | 40 | 14·1 | 8·8 | 13·8 | 0 | 3 | 0 | SSW | 3 | NNW | 2 | SSW | 6 | 0·0 | 14·6 |
| 4 | 25·7 | 22·7 | 25·0 | 40·2 | 27·5 | 30·5 | 38·6 | 28·6 | 45 | 22 | 59 | 14·4 | 11·3 | 17·1 | 8 | 3 | 10 | SSW | 6 | WSW | 2 | WSW | 2 | 1·3 | 12·8 |
| 5 | 27·2 | 24·1 | 23·8 | 37·9 | 24·0 | 28·1 | 37·7 | 32·8 | 61 | 27 | 35 | 17·2 | 13·1 | 13·0 | 3 | 5 | 2 | SSE | 6 | WSW | 3 | SSW | 2 | 0·0 | 12·9 |
| 6 | 25·5 | 23·1 | 23·2 | 39·7 | 25·4 | 30·0 | 39·6 | 31·6 | 47 | 9 | 53 | 14·7 | 4·7 | 18·3 | 7 | 5 | 9 | SSW | 6 | SSW | 2 | WNW | 2 | 1·0 | 11·6 |
| 7 | 24·6 | 21·7 | 22·3 | 40·6 | 25·5 | 32·6 | 30·6 | 32·1 | 46 | 53 | 39 | 14·8 | 17·5 | 14·0 | 2 | 6 | 5 | SSW | 6 | SSW | 2 | SSE | 6 | Drops | 12·9 |
| 8 | 25·4 | 22·7 | 22·7 | 37·7 | 25·0 | 28·7 | 30·7 | 32·9 | 56 | 52 | 35 | 16·3 | 17·1 | 13·1 | 8 | 5 | 3 | SSE | 3 | SSW | 3 | SSW | 4 | 0·0 | 12·2 |
| 9 | 24·3 | 21·7 | 22·4 | 39·5 | 25·1 | 34·5 | 38·5 | 34·4 | 29 | 12 | 29 | 11·8 | 6·1 | 11·7 | 1 | 1 | 6 | SW | 3 | WSW | 2 | Calm | 0 | 0·0 | 12·6 |
| 10 | 25·2 | 22·9 | 23·4 | 38·5 | 24·1 | 28·4 | 37·7 | 33·8 | 50 | 22 | 26 | 14·3 | 10·9 | 10·1 | 0 | 4 | 3 | SSW | 5 | SSW | 2 | SSE | 3 | 0·0 | 13·3 |
| 11 | 26·0 | 24·3 | 25·3 | 38·0 | 25·4 | 29·3 | 30·0 | 27·0 | 45 | 55 | 70 | 13·6 | 17·5 | 18·6 | 5 | 4 | 8 | SSW | 2 | WNW | 2 | WNW | 2 | Drops | 7·6 |
| 12 | 25·6 | 23·3 | 23·3 | 40·0 | 23·4 | 31·0 | 39·0 | 32·4 | 50 | 24 | 40 | 16·7 | 12·9 | 14·5 | 0 | 3 | 4 | SSE | 3 | SW | 3 | SSW | 2 | 17·5 | 10·9 |
| 13 | 28·1 | 23·6 | 23·9 | 33·2 | 22·1 | 23·0 | 32·6 | 29·0 | 88 | 44 | 58 | 18·3 | 16·1 | 17·2 | 10 | 5 | 3 | ESE | 2 | WSW | 2 | WNW | 1 | 0·0 | 5·5 |
| 14 | 24·8 | 22·5 | 23·2 | 38·6 | 22·6 | 29·9 | 37·5 | 30·0 | 51 | 29 | 53 | 15·9 | 13·8 | 16·6 | 1 | 3 | 6 | SW | 2 | WSW | 2 | SSW | 4 | 40·6 | 9·5 |
| 15 | 26·7 | 24·1 | 24·1 | 28·9 | 19·5 | 21·7 | 28·8 | 25·7 | 82 | 65 | 85 | 15·8 | 19·2 | 20·7 | 10 | 5 | 1 | SSW | 2 | WSW | 3 | SW | 1 | 0·0 | 3·6 |
| 16 | 25·1 | 24·5 | 24·8 | 33·6 | 20·6 | 26·0 | 33·4 | 28·9 | 73 | 41 | 56 | 18·1 | 15·4 | 16·3 | 0 | 9 | 2 | SW | 3 | WNW | 4 | SSW | 3 | 0·0 | 8·9 |
| 17 | 26·4 | 24·9 | 24·0 | 37·2 | 22·7 | 27·0 | 37·0 | 32·3 | 56 | 30 | 39 | 14·8 | 14·9 | 14·2 | 0 | 0 | 7 | SSW | 5 | SW | 3 | SW | 1 | 0·0 | 10·4 |
| 18 | 25·7 | 23·7 | 23·1 | 37·7 | 26·3 | 30·3 | 37·4 | 32·6 | 48 | 29 | 69 | 15·5 | 13·9 | 25·3 | 0 | 0 | 0 | SSW | 5 | WSW | 5 | SW | 3 | 0·0 | 12·9 |
| 19 | 24·1 | 21·7 | 22·3 | 40·7 | 27·5 | 31·5 | 40·5 | 34·5 | 44 | 18 | 25 | 15·3 | 10·0 | 10·2 | 0 | 0 | 2 | SW | 6 | WSW | 3 | SSE | 3 | 0·0 | 14·9 |
| 20 | 23·3 | 21·2 | 21·4 | 38·9 | 25·0 | 31·3 | 38·6 | 34·7 | 49 | 20 | 36 | 16·7 | 10·5 | 14·8 | 0 | 0 | 8 | SSE | 6 | SW | 3 | SSE | 2 | 0·0 | 16·5 |
| 21 | 24·0 | 22·2 | 22·7 | 37·5 | 26·6 | 27·0 | 37·2 | 31·3 | 57 | 25 | 39 | 15·2 | 11·9 | 13·2 | 5 | 4 | 0 | SSW | 5 | SSW | 4 | SSW | 2 | 0·0 | 13·0 |
| 22 | 26·0 | 23·6 | 24·3 | 37·4 | 23·6 | 28·2 | 37·1 | 31·5 | 55 | 28 | 48 | 15·5 | 13·1 | 16·6 | 3 | 0 | 0 | SSW | 7 | SSW | 3 | SSE | 3 | 0·0 | 13·2 |
| 23 | 25·8 | 23·9 | 23·3 | 38·7 | 26·6 | 29·7 | 38·4 | 31·6 | 52 | 13 | 40 | 16·2 | 6·6 | 13·7 | 3 | 4 | 0 | SSW | 6 | SSW | 3 | SSW | 2 | 0·0 | 11·0 |
| 24 | 24·4 | 21·4 | 21·2 | 41·1 | 25·2 | 31·7 | 40·5 | 34·4 | 43 | 12 | 27 | 15·0 | 6·9 | 11·1 | 3 | 0 | 0 | SW | 3 | SSW | 3 | SSW | 5 | 0·0 | 15·1 |
| 25 | 24·5 | 21·4 | 23·5 | 38·5 | 26·5 | 29·9 | 37·6 | 32·9 | 52 | 22 | 39 | 16·3 | 11·0 | 14·6 | — | 4 | 0 | SSW | 8 | SW | 5 | SSW | 4 | 0·0 | 17·3 |
| 26 | 26·0 | 23·3 | 24·3 | 39·0 | 26·1 | 29·7 | 38·6 | 33·7 | 51 | 23 | 34 | 15·6 | 12·0 | 13·2 | 4 | 3 | 0 | SW | 7 | SW | 5 | SSE | 3 | 0·0 | 15·2 |
| 27 | 26·1 | 23·7 | 24·2 | 39·1 | 25·0 | 31·1 | 38·4 | 29·1 | 42 | 26 | 51 | 14·0 | 13·3 | 15·3 | 4 | 5 | 6 | SSE | 5 | SSW | 6 | SSW | 4 | 0·0 | 13·5 |
| 28 | 27·0 | 24·2 | 24·8 | 37·3 | 24·4 | 25·7 | 35·0 | 28·4 | 66 | 29 | 58 | 16·0 | 12·2 | 16·5 | 7 | 3 | 0 | SSW | 8 | SSW | 5 | SSE | 3 | 0·0 | 11·3 |
| 29 | 26·8 | 23·8 | 25·4 | 37·4 | 24·9 | 30·0 | 37·2 | 31·7 | 54 | 30 | 36 | 16·9 | 14·0 | 12·4 | 0 | 5 | 4 | SW | 3 | SSW | 2 | SW | 5 | 9·2 | 9·2 |
| 30 | 24·9 | 22·9 | 23·3 | 37·5 | 21·5 | 27·9 | 37·4 | 31·2 | 66 | 27 | 52 | 18·2 | 12·9 | 17·7 | 2 | 0 | 0 | WNW | 2 | WNW | 2 | WNW | 1 | 0·0 | 7·9 |
| 31 | 24·7 | 22·6 | 22·7 | 39·5 | 24·7 | 31·5 | 39·5 | 34·1 | 35 | 15 | 30 | 12·0 | 8·3 | 11·8 | 2 | 0 | 0 | Calm | 0 | NNE | 3 | SSE | 2 | 0·0 | 15·0 |
| Month | 25·45 | 23·06 | 23·40 | 38·2 | 24·5 | 29·3 | 36·9 | 31·7 | 52 | 27 | 43 | 15·5 | 11·9 | 14·5 | 2·9 | 2·9 | 2·9 | — | 4·4 | — | 3·0 | — | 2·7 | 69·6 | 12·08 |

**Remarks:**—3 ∞ 19h–19³⁰.—4 ☈ 21h, ●⁰ 21³⁰.—6 ●⁰ 18h, < SW 19h.—7 ●⁰ 15h, ∞ 20h.—10 < SE 20h.—11 ●⁰ 13h–13³⁰.—12 ☈ 22h–0h, ●² 23h.—14 ☈ 21h.—15 ●² 4h–8h, ☈ 4h17h.—20 < SE 20h, ∞ 21h.—23 < SSE 20h.—25 ꝏ.—27 ☈ SW 20h.—29 ☈ ●² 21h.

# KHARTOUM (Gordon College).

$\varphi = 15° 36' 33''$ N. $\lambda = 32° 33'$ E. H = 390·0 m. $h_t = 1·8$ m. $h_r = 1·2$ m.

$C_h = +32$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25·2 | 22·2 | 22·1 | 40·0 | 26·5 | 30·7 | 39·7 | 34·6 | 43 | 19 | 31 | 14·1 | 10·8 | 12·6 | 2 | 3 | 0 | SSE | 3 | SSW | 2 | SSW | 3 | 0·0 | 16·5 |
| 2 | 24·2 | 22·6 | 22·0 | 36·5 | 28·0 | 30·6 | 36·3 | 31·6 | 39 | 28 | 40 | 12·6 | 12·7 | 13·7 | 0 | 0 | 0 | SSW | 8 | WSW | 2 | SW | 2 | 0·0 | 14·6 |
| 3 | 24·0 | 22·3 | 21·9 | 38·6 | 23·6 | 28·6 | 38·5 | 32·8 | 50 | 24 | 45 | 14·3 | 12·5 | 16·7 | 0 | 0 | 0 | SSE | 2 | NNE | 2 | WSW | 1 | 0·0 | 12·2 |
| 4 | 23·8 | 21·8 | 22·5 | 41·0 | 28·0 | 32·1 | 40·3 | 34·6 | 38 | 18 | 23 | 13·4 | 10·3 | 9·4 | 0 | 8 | 0 | SSW | 4 | NNE | 3 | SSE | 1 | 0·0 | 16·2 |
| 5 | 25·3 | 22·5 | 22·5 | 39·3 | 26·9 | 30·4 | 38·8 | 33·3 | 43 | 20 | 32 | 13·8 | 10·2 | 12·2 | 0 | 2 | 0 | SSW | 4 | SW | 1 | SSW | 1 | 0·0 | 14·5 |
| 6 | 25·8 | 22·3 | 23·5 | 37·1 | 22·2 | — | 36·5 | 31·5 | — | 29 | 41 | — | 13·1 | 14·2 | 8 | 3 | 8 | SE | 6 | SSW | 3 | SSE | 5 | 0·0 | 12·2 |
| 7 | 24·9 | 22·6 | 23·5 | 39·2 | — | 32·0 | 37·4 | 28·0 | 46 | 31 | 61 | 16·3 | 14·9 | 17·3 | 4 | 4 | 3 | SSW | 4 | NNW | 2 | SSW | 2 | 1·3 | 9·0 |
| 8 | 25·1 | 22·4 | 23·9 | 38·7 | 25·0 | 30·0 | 37·8 | 27·5 | 51 | 26 | 71 | 16·0 | 12·7 | 19·3 | 0 | 6 | 8 | NE | 1 | NNE | 2 | ENE | 3 | 21·0 | 7·7 |
| 9 | 25·9 | 23·3 | 25·4 | 37·1 | 22·4 | 27·3 | 35·8 | 27·5 | 64 | 38 | 59 | 17·1 | 16·5 | 16·1 | 7 | 3 | 9 | SSE | 4 | WNW | 2 | SSW | 6 | 0·0 | 9·6 |
| 10 | 25·3 | 22·4 | 23·1 | 37·5 | 24·6 | 31·2 | 37·4 | 32·7 | 51 | 31 | 41 | 17·3 | 14·7 | 14·9 | 0 | 1 | 1 | SSW | 5 | SSW | 2 | SSE | 2 | 0·0 | 10·9 |
| 11 | 24·3 | 22·2 | 23·0 | 38·7 | 26·0 | 30·4 | 38·3 | 33·1 | 52 | 28 | 39 | 16·7 | 13·9 | 14·6 | 1 | 2 | 3 | SW | 5 | SW | 4 | SSE | 1 | 0·0 | 9·9 |
| 12 | 23·6 | 21·5 | 23·8 | 38·4 | 23·0 | 29·0 | 38·3 | 32·5 | 51 | 23 | 34 | 15·2 | 11·4 | 12·3 | 8 | 4 | 1 | WSW | 4 | NE | 3 | SW | 2 | 0·0 | 10·4 |
| 13 | 24·3 | 21·1 | 22·8 | 41·2 | 26·9 | 32·7 | 40·6 | 34·5 | 41 | 19 | 29 | 15·1 | 10·9 | 12·0 | 8 | 1 | 0 | WNW | 2 | WNW | 2 | SSE | 4 | 0·0 | 13·1 |
| 14 | 24·2 | 22·3 | 22·9 | 40·4 | 27·0 | 33·0 | 38·8 | 33·6 | 40 | 24 | 31 | 14·9 | 12·6 | 12·2 | 0 | 8 | 0 | SW | 2 | NNW | 3 | WNW | 1 | 0·0 | 13·6 |
| 15 | 25·0 | 22·4 | 23·6 | 41·0 | 27·0 | 31·1 | 39·5 | 32·8 | 54 | 25 | 36 | 18·0 | 13·6 | 13·2 | 3 | 2 | 1 | SSW | 4 | NNW | 3 | SSW | 2 | 0·0 | 13·4 |
| 16 | 24·4 | 21·6 | 22·8 | 40·4 | 25·0 | 30·6 | 39·3 | 35·0 | 42 | 21 | 24 | 13·6 | 11·2 | 9·9 | 5 | 0 | 0 | WSW | 5 | WNW | 2 | SE | 5 | 0·0 | 13·2 |
| 17 | 23·8 | 21·1 | 22·2 | 38·8 | 28·0 | 34·0 | 38·7 | 32·5 | 33 | 20 | 39 | 13·0 | 10·8 | 14·3 | 1 | 3 | 0 | SSW | 4 | SSW | 3 | SSW | 5 | 0·0 | 16·0 |
| 18 | 25·2 | 22·5 | 23·4 | 38·0 | 28·5 | 29·3 | 37·4 | 32·0 | 46 | 23 | 36 | 13·9 | 11·3 | 12·6 | 4 | 0 | 4 | SSW | 8 | WSW | 3 | SSW | 2 | 0·0 | 13·2 |
| 19 | 24·9 | 22·3 | 23·4 | 41·4 | 24·6 | 30·5 | 40·5 | 33·9 | 24 | 13 | 25 | 7·7 | 7·4 | 10·0 | 0 | 0 | 3 | SW | 2 | ESE | 2 | Calm | 0 | 0·0 | 14·6 |
| 20 | 24·7 | 21·5 | 23·4 | 41·7 | 27·7 | 33·4 | 40·7 | 34·0 | 38 | 13 | 26 | 14·5 | 7·3 | 10·3 | 0 | 4 | 0 | ENE | 1 | NE | 2 | ENE | 2 | 0·0 | 15·6 |
| 21 | 24·6 | 21·9 | 23·2 | 40·7 | 25·9 | 31·0 | 39·1 | 32·5 | 44 | 19 | 34 | 14·7 | 10·2 | 12·1 | 0 | 5 | 0 | NE | 2 | NE | 2 | Calm | 0 | 0·0 | 11·5 |
| 22 | 23·7 | 20·9 | 21·8 | 41·9 | 25·8 | 33·3 | 40·6 | 35·7 | 41 | 15 | 13 | 15·5 | 8·6 | 6·1 | 0 | 3 | 0 | WSW | 3 | NE | 3 | ENE | 1 | 0·0 | 15·0 |
| 23 | 23·6 | 20·8 | 21·8 | 42·9 | 25·8 | 33·4 | 41·0 | 33·2 | 33 | 13 | 25 | 12·8 | 7·7 | 9·5 | 0 | 5 | 0 | WNW | 5 | ENE | 3 | SSE | 2 | 0·0 | 15·2 |
| 24 | 25·1 | 22·8 | 23·6 | 39·0 | 25·2 | 30·8 | 39·0 | 31·9 | 40 | 10 | 39 | 13·3 | 5·4 | 13·6 | 8 | 5 | 0 | WNW | 3 | NW | 1 | SSW | 2 | 0·0 | 11·0 |
| 25 | 25·0 | 22·3 | 23·2 | 40·6 | 25·6 | 33·4 | 40·5 | 32·3 | 27 | 19 | 29 | 10·5 | 10·9 | 10·3 | 0 | 3 | 0 | SW | 4 | SSE | 1 | SSW | 5 | 0·0 | 13·0 |
| 26 | 24·1 | 21·2 | 22·2 | 41·4 | 25·6 | 32·8 | 39·4 | 34·7 | 30 | 13 | 16 | 11·2 | 7·2 | 6·9 | 0 | 6 | 0 | NNE | 4 | NE | 3 | ENE | 2 | 0·0 | 15·5 |
| 27 | 23·2 | 21·1 | 22·6 | 42·2 | 26·3 | 32·3 | 41·5 | 35·1 | 36 | 14 | 12 | 13·1 | 8·3 | 5·2 | 0 | 3 | 0 | Calm | 0 | NNE | 4 | NNE | 1 | 0·0 | 17·6 |
| 28 | 24·4 | 21·4 | 22·9 | 40·2 | 26·2 | 35·2 | 39·7 | 30·5 | 21 | 8 | 31 | 9·1 | 4·5 | 10·0 | 0 | 0 | 0 | NE | 4 | NNE | 5 | ENE | 2 | 0·0 | 19·6 |
| 29 | 24·5 | 20·8 | 21·7 | 40·1 | 27·2 | 32·1 | 39·9 | 34·5 | 22 | 10 | 14 | 7·8 | 5·6 | 6·0 | 0 | 0 | 0 | NNE | 5 | NNE | 4 | NE | 1 | 0·0 | 18·7 |
| 30 | 23·3 | 20·0 | 21·1 | 41·6 | 27·0 | 29·8 | 40·5 | 34·7 | 39 | 15 | 16 | 12·2 | 8·7 | 6·7 | 1 | 0 | 3 | ESE | 3 | Calm | 0 | NNE | 3 | 0·0 | 16·4 |
| Month | 24·51 | 21·87 | 22·86 | 39·9 | 25·9 | 31·4 | 39·1 | 32·8 | 41 | 20 | 33 | 13·7 | 10·5 | 11·8 | 2·0 | 2·8 | 1·5 | — | 3·7 | — | 2·5 | — | 2·3 | 22·3 | 13·66 |

**Remarks**:—7 ●° 15h, ☇ SE 19h.—8 ●² 18h–19³⁰, ☇ 18³⁰–21³⁰.—9 ∞ 18h, ≺ 19h.—11 ≺ SE 3h.—15 ≺ NE 20h.—16 ≺ WNW 20h.—18 ≺ ENE 5h.—23 ∞ 23h.—30 ≺ 20h.

$C_h = +32$ mm.

## October 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22·7 | 20·3 | 21·4 | 41·6 | 27·6 | 32·2 | 39·8 | 35·0 | 35 | 18 | 26 | 12·5 | 10·0 | 10·8 | 2 | 2 | 5 | WNW | 2 | ENE | 1 | E | 3 | Drops | 16·2 |
| 2 | 24·5 | 23·8 | 24·0 | 40·9 | 29·3 | 33·5 | 40·5 | 33·7 | 33 | 19 | 33 | 12·6 | 10·6 | 12·8 | 7 | 5 | 3 | SSW | 1 | Calm | 0 | Calm | 0 | 0·0 | 14·4 |
| 3 | 25·4 | 23·0 | 23·5 | 40·0 | 26·2 | 30·2 | 37·2 | 32·5 | 46 | 23 | 30 | 14·6 | 10·7 | 11·1 | 0 | 0 | 0 | SW | 1 | Calm | 0 | Calm | 0 | 0·0 | 12·4 |
| 4 | 24·9 | 22·4 | 22·6 | 41·1 | 25·1 | 32·7 | 41·0 | 34·2 | 33 | 19 | 22 | 12·2 | 10·8 | 9·0 | 0 | 1 | 0 | S | 1 | Calm | 0 | Calm | 0 | 0·0 | 14·8 |
| 5 | 24·4 | 21·5 | 22·1 | 40·0 | 26·1 | 31·1 | 39·2 | 33·5 | 22 | 14 | 21 | 7·3 | 7·3 | 8·1 | 0 | 0 | 0 | NE | 2 | NNE | 3 | Calm | 0 | 0·0 | 16·1 |
| 6 | 23·8 | 21·1 | 22·1 | 40·5 | 25·2 | 30·0 | 38·8 | 33·8 | 48 | 23 | 25 | 14·9 | 12·1 | 9·6 | 0 | 3 | 5 | SSE | 3 | SE | 1 | SE | 2 | 0·9 | 13·0 |
| 7 | 23·9 | 21·6 | 22·6 | 39·3 | 24·8 | 29·4 | 38·5 | 33·5 | 56 | 23 | 30 | 16·9 | 11·7 | 11·5 | 10 | 5 | 9 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 11·9 |
| 8 | 23·5 | 21·2 | 22·5 | 41·2 | 27·8 | 32·6 | 39·2 | 33·0 | 26 | 14 | 28 | 9·7 | 7·6 | 10·6 | 0 | 0 | 7 | SW | 2 | NW | 1 | SSW | 3 | Drops | 16·2 |
| 9 | 24·1 | 21·8 | 22·6 | 41·5 | 26·2 | 31·0 | 41·0 | 33·5 | 49 | 19 | 32 | 16·3 | 10·8 | 12·4 | 3 | 2 | 5 | SW | 3 | SSW | 2 | Calm | 0 | Drops | 13·6 |
| 10 | 23·7 | 21·3 | 23·3 | 41·5 | 28·5 | 34·5 | 40·0 | 33·9 | 32 | 17 | 30 | 13·2 | 9·8 | 12·0 | 1 | 3 | 6 | WSW | 2 | NW | 1 | WSW | 3 | 0·8 | 14·2 |
| 11 | 24·7 | 21·8 | 22·5 | 42·0 | 27·0 | 32·6 | 40·5 | 30·9 | 36 | 11 | 28 | 13·1 | 6·0 | 9·1 | 1 | 1 | 0 | W | 2 | Calm | 0 | Calm | 0 | 0·0 | 13·4 |
| 12 | 24·0 | 21·6 | 22·6 | 41·8 | 23·0 | 30·8 | 41·1 | 33·1 | 35 | 11 | 20 | 11·6 | 6·2 | 7·4 | 0 | 2 | 0 | S | 2 | Calm | 0 | NNE | 1 | 0·0 | 14·6 |
| 13 | 25·0 | 22·5 | 23·4 | 41·5 | 23·1 | 32·4 | 41·1 | 33·6 | 35 | 7 | 14 | 12·7 | 4·2 | 5·5 | 0 | 0 | 0 | SW | 2 | Calm | 0 | NE | 1 | 0·0 | 14·0 |
| 14 | 25·9 | 23·0 | 23·7 | 41·0 | 22·8 | 29·7 | 38·6 | 33·0 | 47 | 11 | 13 | 14·6 | 5·7 | 5·0 | 1 | 0 | 0 | SW | 2 | NNW | 2 | NE | 2 | 0·0 | 15·7 |
| 15 | 25·0 | 22·8 | 23·7 | 41·3 | 23·4 | 30·0 | 38·8 | 32·8 | 16 | 10 | 12 | 5·1 | 5·2 | 4·8 | 0 | 0 | 0 | NNE | 1 | ENE | 2 | NNE | 2 | 0·0 | 18·0 |
| 16 | 25·8 | 23·4 | 24·2 | 38·6 | 24·8 | 30·5 | 38·4 | 33·1 | 20 | 11 | 21 | 6·5 | 6·1 | 7·7 | 0 | 0 | 0 | NE | 3 | NE | 2 | N | 2 | 0·0 | 19·8 |
| 17 | 26·5 | 23·4 | 23·8 | 40·8 | 25·3 | 28·8 | 39·3 | 33·3 | 18 | 12 | 18 | 5·3 | 6·4 | 7·1 | 0 | 0 | 0 | NNE | 3 | Calm | 0 | N | 1 | 0·0 | 15·8 |
| 18 | 24·4 | 22·1 | 23·1 | 42·5 | 25·4 | 32·3 | 39·7 | 35·5 | 16 | 12 | 18 | 5·8 | 6·5 | 8·0 | 0 | 8 | 10 | NNE | 2 | ENE | 1 | NE | 2 | 0·0 | 17·5 |
| 19 | 24·7 | 22·0 | 23·5 | 40·0 | 26·3 | 32·2 | 39·2 | 33·1 | 26 | 12 | 17 | 9·1 | 6·3 | 6·4 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 19·4 |
| 20 | 24·7 | 22·2 | 23·7 | 38·5 | 23·7 | 29·1 | 37·7 | 31·6 | 27 | 9 | 15 | 8·3 | 4·4 | 5·3 | 0 | 0 | 0 | NNE | 4 | NNE | 3 | NNE | 2 | 0·0 | 19·6 |
| 21 | 25·1 | 22·6 | 23·9 | 39·2 | 24·2 | 30·1 | 38·2 | 32·7 | 29 | 17 | 24 | 9·2 | 8·6 | 8·6 | 0 | 0 | 0 | NE | 3 | NNE | 2 | Calm | 0 | 0·0 | 15·9 |
| 22 | 25·4 | 22·7 | 23·4 | 42·2 | 26·2 | 31·8 | 40·8 | 34·6 | 28 | 12 | 22 | 9·6 | 6·7 | 9·1 | 0 | 1 | 0 | NE | 2 | NE | 1 | NNE | 3 | 0·0 | 17·8 |
| 23 | 25·6 | 22·8 | 23·7 | 40·0 | 28·5 | 31·5 | 38·9 | 33·5 | 24 | 15 | 22 | 8·4 | 7·8 | 8·6 | 0 | 0 | 0 | NE | 2 | NE | 2 | NNE | 3 | 0·0 | 17·2 |
| 24 | 25·1 | 22·8 | 24·3 | 38·7 | 25·6 | 31·6 | 38·4 | 32·9 | 27 | 14 | 17 | 9·3 | 7·1 | 6·4 | 0 | 0 | 0 | NE | 3 | NNE | 2 | NNE | 3 | 0·0 | 19·9 |
| 25 | 25·9 | 23·7 | 25·4 | 37·1 | 23·6 | 29·5 | 36·8 | 29·0 | 34 | 9 | 24 | 10·4 | 4·2 | 7·1 | 0 | 0 | 0 | NE | 4 | NNE | 3 | NNE | 2 | 0·0 | 20·7 |
| 26 | 26·3 | 23·9 | 25·9 | 35·5 | 21·2 | 27·5 | 35·3 | 29·2 | 15 | 7 | 12 | 4·0 | 2·9 | 3·7 | 0 | 0 | 0 | NNE | 5 | N | 3 | N | 2 | 0·0 | 22·4 |
| 27 | 27·2 | 25·0 | 26·2 | 33·7 | 19·6 | 25·0 | 33·3 | 26·6 | 22 | 10 | 16 | 5·2 | 3·8 | 4·0 | 1 | 4 | 0 | N | 4 | N | 3 | N | 2 | 0·0 | 20·3 |
| 28 | 27·6 | 25·1 | 26·8 | 32·7 | 20·0 | 23·8 | 32·6 | 26·5 | 21 | 6 | 14 | 4·5 | 2·2 | 3·6 | 0 | 0 | 0 | N | 4 | N | 3 | N | 2 | 0·0 | 19·9 |
| 29 | 28·0 | 25·9 | 26·9 | 31·6 | 18·7 | 23·2 | 31·4 | 25·8 | 17 | 6 | 12 | 3·7 | 2·0 | 2·9 | 0 | 0 | 0 | N | 4 | NNE | 3 | NNW | 2 | 0·0 | 20·0 |
| 30 | 27·3 | 25·0 | 25·8 | 31·6 | 18·2 | 22·2 | 31·2 | 26·3 | 16 | 10 | 14 | 3·1 | 3·2 | 3·5 | 0 | 0 | 0 | N | 5 | N | 2 | N | 1 | 0·0 | 19·0 |
| 31 | 26·5 | 24·0 | 25·3 | 32·6 | 18·1 | 22·5 | 31·5 | 26·5 | 20 | 12 | 21 | 4·1 | 4·2 | 5·3 | 0 | 0 | 0 | N | 5 | N | 2 | NW | 1 | 0·0 | 17·4 |
| Month | 25·21 | 22·75 | 23·82 | 39·0 | 24·4 | 29·8 | 38·0 | 31·9 | 29 | 13 | 21 | 9·5 | 6·8 | 7·6 | 0·8 | 1·2 | 1·6 | — | 2·6 | — | 1·5 | — | 1·5 | 1·7 | 16·81 |

**Remarks**:—1 ≺ NE 18h–19h, ●° 20³⁰.—7 ●° 4h–5h.—9 ●° 3h–5h, 23⁴⁵.—10 ● 19h.

# KHARTOUM (Gordon College).

$\varphi = 15° 36' 33''$ N. $\lambda = 32° 33'$ E. H = 390·0 m. $h_t = 1·8$ m. $h_r = 1·2$ m.

$C_h$ = + 33 mm. **November 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26·5 | 24·3 | 25·8 | 33·9 | 19·2 | 24·0 | 33·8 | 26·6 | 24 | 14 | 20 | 5·3 | 5·4 | 4·9 | 0 | 0 | 0 | N | 4 | N | 1 | NNE | 1 | 0·0 | 16·1 |
| 2 | 27·3 | 25·0 | 26·5 | 32·6 | 19·1 | 23·1 | 32·5 | 26·8 | 25 | 12 | 19 | 5·2 | 4·3 | 5·0 | 0 | 0 | 0 | N | 4 | N | 1 | N | 1 | 0·0 | 17·0 |
| 3 | 26·9 | 24·8 | 26·0 | 33·5 | 19·3 | 23·0 | 33·5 | 27·0 | 29 | 15 | 19 | 5·9 | 6·0 | 5·1 | 0 | 0 | 0 | N | 4 | NW | 1 | NNE | 1 | 0·0 | 17·6 |
| 4 | 27·3 | 24·8 | 26·4 | 32·5 | 19·7 | 22·5 | 31·6 | 26·8 | 25 | 12 | 13 | 5·0 | 4·2 | 3·3 | 0 | 0 | 0 | N | 4 | N | 1 | NNW | 1 | 0·0 | 17·1 |
| 5 | 27·7 | 25·4 | 27·2 | 30·1 | 18·0 | 21·8 | 30·0 | 24·0 | 23 | 11 | 20 | 4·5 | 3·4 | 4·4 | 0 | 0 | 0 | N | 5 | NNW | 3 | N | 1 | 0·0 | 16·8 |
| 6 | 28·6 | 26·4 | 27·8 | 29·4 | 16·3 | 20·2 | 29·2 | 23·6 | 27 | 12 | 23 | 4·9 | 3·7 | 4·9 | 0 | 0 | 0 | NNE | 4 | N | 1 | Calm | 0 | 0·0 | 14·5 |
| 7 | 28·4 | 26·1 | 27·0 | 30·6 | 15·5 | 20·9 | 30·1 | 24·5 | 21 | 10 | 14 | 3·8 | 3·0 | 3·1 | 1 | 0 | 0 | NNE | 4 | NNW | 1 | NNW | 1 | 0·0 | 16·0 |
| 8 | 28·0 | 24·9 | 26·1 | 32·3 | 16·3 | 21·2 | 31·5 | 25·0 | 22 | 12 | 31 | 4·2 | 4·1 | 7·3 | 0 | 0 | 0 | NNE | 3 | NNW | 2 | Calm | 0 | 0·0 | 13·6 |
| 9 | 27·1 | 24·8 | 26·4 | 34·0 | 19·1 | 24·0 | 33·3 | 27·5 | 26 | 18 | 26 | 5·8 | 6·9 | 7·0 | 0 | 0 | 0 | NE | 4 | NNE | 1 | N | 1 | 0·0 | 15·1 |
| 10 | 26·9 | 23·9 | 25·3 | 34·0 | 19·3 | 24·5 | 33·5 | 27·8 | 23 | 15 | 19 | 5·2 | 5·9 | 5·2 | 0 | 0 | 0 | NNE | 3 | Calm | 0 | N | 1 | 0·0 | 18·0 |
| 11 | 26·4 | 23·6 | 24·8 | 33·8 | 19·6 | 23·1 | 33·4 | 27·6 | 22 | 16 | 22 | 4·5 | 6·4 | 6·0 | 0 | 0 | 0 | N | 1 | NNE | 3 | Calm | 0 | 0·0 | 17·7 |
| 12 | 25·9 | 23·4 | 24·6 | 33·8 | 19·7 | 24·0 | 33·8 | 28·2 | 24 | 21 | 29 | 5·4 | 8·1 | 8·2 | 0 | 0 | 0 | N | 4 | NNE | 2 | Calm | 0 | 0·0 | 15·9 |
| 13 | 25·9 | 23·7 | 25·1 | 33·0 | 19·9 | 23·5 | 33·0 | 27·0 | 24 | 20 | 33 | 5·2 | 7·4 | 8·6 | 1 | 0 | 4 | NNE | 3 | N | 2 | Calm | 0 | 0·0 | 14·9 |
| 14 | 26·6 | 24·0 | 25·4 | 36·5 | 20·5 | 25·0 | 36·2 | 28·1 | 27 | 18 | 33 | 6·3 | 8·3 | 9·2 | 1 | 8 | 5 | NE | 3 | WNW | 1 | N | 2 | 0·0 | 11·9 |
| 15 | 26·8 | 24·4 | 25·7 | 35·6 | 20·9 | 25·2 | 35·0 | 28·8 | 34 | 18 | 27 | 8·1 | 7·7 | 8·0 | 0 | 0 | 3 | NNW | 2 | NE | 1 | NNW | 1 | 0·0 | 14·6 |
| 16 | 26·9 | 24·6 | 25·8 | 34·2 | 21·8 | 26·2 | 33·0 | 27·0 | 26 | 19 | 29 | 6·4 | 7·0 | 7·6 | 3 | 9 | 0 | N | 3 | N | 2 | Calm | 0 | 0·0 | 14·5 |
| 17 | 27·0 | 24·7 | 25·4 | 34·4 | 18·4 | 24·0 | 34·1 | 27·7 | 33 | 13 | 22 | 7·2 | 5·5 | 6·1 | 0 | 0 | 0 | N | 3 | NNE | 2 | NNW | 2 | 0·0 | 18·2 |
| 18 | 26·3 | 23·7 | 25·0 | 35·6 | 20·3 | 24·5 | 35·0 | 27·4 | 29 | 14 | 21 | 6·6 | 6·1 | 5·7 | 0 | 0 | 0 | NNE | 4 | NNE | 2 | N | 1 | 0·0 | 17·7 |
| 19 | 25·4 | 23·2 | 24·6 | 34·7 | 20·5 | 24·9 | 34·3 | 27·6 | 36 | 21 | 23 | 8·6 | 8·3 | 6·5 | 0 | 0 | 0 | NNE | 3 | NNE | 3 | NNE | 1 | 0·0 | 15·3 |
| 20 | 25·9 | 23·5 | 25·1 | 34·0 | 20·9 | 24·2 | 33·8 | 27·8 | 35 | 18 | 27 | 8·1 | 7·1 | 7·7 | 0 | 8 | 0 | N | 4 | NNW | 2 | N | 2 | 0·0 | 16·2 |
| 21 | 26·6 | 24·1 | 25·5 | 33·5 | 20·5 | 23·6 | 33·0 | 27·7 | 37 | 23 | 22 | 8·2 | 8·4 | 6·0 | 1 | 1 | 0 | N | 4 | N | 3 | NNW | 2 | 0·0 | 16·5 |
| 22 | 26·7 | 24·1 | 25·3 | 33·0 | 19·4 | 22·3 | 32·6 | 27·4 | 39 | 19 | 25 | 7·7 | 7·1 | 6·7 | 0 | 0 | 0 | N | 4 | N | 3 | NNW | 1 | 0·0 | 16·2 |
| 23 | 26·5 | 24·2 | 25·8 | 30·8 | 18·2 | 20·7 | 30·7 | 24·7 | 32 | 15 | 25 | 5·8 | 5·3 | 5·7 | 0 | 0 | 0 | N | 4 | NNE | 3 | NNW | 2 | 0·0 | 17·0 |
| 24 | 28·4 | 26·0 | 27·5 | 27·8 | 16·2 | 18·6 | 27·5 | 22·0 | 30 | 14 | 20 | 4·8 | 3·8 | 3·9 | 1 | 2 | 0 | N | 4 | N | 2 | N | 1 | 0·0 | 15·6 |
| 25 | 27·8 | 25·1 | 25·9 | 29·3 | 14·0 | 18·4 | 28·8 | 24·2 | 33 | 18 | 21 | 5·2 | 5·1 | 4·9 | 2 | 3 | 0 | N | 3 | N | 2 | NNW | 2 | 0·0 | 15·6 |
| 26 | 27·1 | 24·1 | 25·6 | 31·5 | 16·6 | 20·1 | 31·3 | 25·4 | 29 | 27 | 37 | 5·0 | 9·1 | 8·7 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | Calm | 0 | 0·0 | 12·1 |
| 27 | 27·0 | 23·9 | 24·9 | 31·0 | 17·7 | 21·6 | 30·7 | 26·0 | 37 | 28 | 27 | 7·0 | 9·2 | 6·6 | 0 | 0 | 0 | N | 2 | NNE | 2 | NNE | 1 | 0·0 | 13·0 |
| 28 | 26·1 | 23·3 | 24·2 | 32·7 | 16·5 | 21·2 | 32·5 | 26·4 | 36 | 19 | 25 | 6·7 | 7·1 | 6·5 | 0 | 0 | 0 | NNE | 3 | NE | 2 | NNE | 1 | 0·0 | 14·0 |
| 29 | 25·0 | 22·8 | 23·4 | 33·4 | 17·5 | 22·8 | 33·4 | 27·4 | 27 | 19 | 24 | 5·6 | 7·5 | 6·4 | 1 | 0 | 0 | NNE | 4 | NE | 1 | NNE | 1 | 0·0 | 14·1 |
| 30 | 24·3 | 22·5 | 23·0 | 36·0 | 18·1 | 23·5 | 35·4 | 29·0 | 30 | 20 | 28 | 6·5 | 8·6 | 8·3 | 0 | 3 | 0 | NNE | 3 | NE | 1 | NNE | 1 | 0·0 | 13·8 |
| Month | 26·78 | 24·31 | 25·57 | 32·9 | 18·6 | 22·8 | 32·6 | 26·6 | 29 | 17 | 24 | 6·0 | 6·3 | 6·2 | 0·4 | 1·1 | 0·4 | — | 3·4 | — | 1·8 | — | 1·0 | 0·0 | 15·55 |

**Remarks:—**

$C_h$ = + 34 mm. **December 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24·7 | 22·5 | 23·4 | 37·8 | 20·4 | 26·0 | 37·5 | 29·8 | 31 | 17 | 22 | 7·6 | 8·3 | 6·9 | 0 | 1 | 0 | NE | 2 | ENE | 1 | NNE | 1 | 0·0 | 14·8 |
| 2 | 24·8 | 22·8 | 24·0 | 38·6 | 20·5 | 26·2 | 38·5 | 29·6 | 44 | 12 | 17 | 11·0 | 6·1 | 5·2 | 4 | 7 | 1 | NNE | 1 | ENE | 1 | NE | 1 | 0·0 | 15·6 |
| 3 | 25·5 | 23·1 | 24·5 | 37·0 | 20·5 | 24·6 | 36·6 | 29·2 | 31 | 15 | 23 | 7·0 | 6·9 | 7·0 | 1 | 1 | 0 | NNE | 3 | ENE | 1 | N | 1 | 0·0 | 17·7 |
| 4 | 26·8 | 24·4 | 26·2 | 33·3 | 19·6 | 23·0 | 32·7 | 28·1 | 31 | 22 | 32 | 6·4 | 8·1 | 8·9 | 0 | 0 | 0 | N | 4 | N | 3 | N | 1 | 0·0 | 15·1 |
| 5 | 28·4 | 25·3 | 26·9 | 32·4 | 19·2 | 22·5 | 31·6 | 26·7 | 24 | 28 | 37 | 4·9 | 9·8 | 9·4 | 0 | 0 | 0 | N | 4 | NE | 3 | NNE | 2 | 0·0 | 14·0 |
| 6 | 27·4 | 24·4 | 26·1 | 31·1 | 18·3 | 21·6 | 30·9 | 25·9 | 32 | 27 | 25 | 6·1 | 8·9 | 6·1 | 0 | 0 | 0 | NNE | 3 | N | 2 | N | 1 | 0·0 | 15·7 |
| 7 | 27·1 | 25·8 | 27·2 | 28·1 | 17·4 | 20·3 | 28·1 | 21·2 | 18 | 7 | 14 | 3·2 | 1·9 | 2·8 | 0 | 0 | 0 | NNW | 4 | NNW | 3 | NNW | 1 | 0·0 | 16·3 |
| 8 | 27·6 | 25·1 | 25·8 | 26·5 | 14·1 | 17·3 | 25·8 | 21·3 | 30 | 17 | 27 | 4·4 | 4·1 | 5·1 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | N | 1 | 0·0 | 11·8 |
| 9 | 26·4 | 24·6 | 25·8 | 28·8 | 13·8 | 18·0 | 28·6 | 21·9 | 23 | 13 | 16 | 3·6 | 3·7 | 3·2 | 0 | 0 | 0 | NNE | 2 | Calm | 0 | NNE | 1 | 0·0 | 13·3 |
| 10 | 26·8 | 24·0 | 25·3 | 29·4 | 13·3 | 17·8 | 29·1 | 23·1 | 17 | 9 | 19 | 2·7 | 2·8 | 4·0 | 0 | 0 | 0 | NNE | 3 | N | 2 | NNE | 1 | 0·0 | 15·0 |
| 11 | 27·2 | 25·6 | 26·7 | 29·0 | 13·5 | 18·5 | 28·4 | 22·3 | 15 | 8 | 12 | 2·4 | 2·3 | 2·4 | 0 | 0 | 5 | NE | 3 | N | 2 | NNE | 2 | 0·0 | 16·1 |
| 12 | 28·3 | 25·6 | 27·2 | 29·0 | 13·6 | 17·7 | 28·5 | 22·7 | 22 | 9 | 20 | 3·3 | 2·5 | 4·0 | 1 | 2 | 0 | NNE | 3 | NNW | 2 | Calm | 0 | 0·0 | 15·1 |
| 13 | 27·7 | 26·2 | 26·8 | 30·4 | 14·2 | 19·1 | 30·0 | 23·8 | 19 | 9 | 14 | 3·1 | 3·0 | 3·1 | 0 | 1 | 0 | N | 1 | NNE | 2 | NNW | 3 | 0·0 | 16·6 |
| 14 | 28·5 | 25·9 | 27·3 | 27·8 | 13·6 | 17·5 | 27·7 | 22·2 | 24 | 9 | 12 | 3·6 | 2·4 | 2·4 | 0 | 0 | 0 | NNE | 3 | NNE | 3 | N | 2 | 0·0 | 17·9 |
| 15 | 28·9 | 26·8 | 27·5 | 25·8 | 13·1 | 16·0 | 25·7 | 19·8 | 22 | 9 | 19 | 3·0 | 2·2 | 3·2 | 0 | 0 | 0 | NNE | 3 | N | 3 | NNW | 1 | 0·0 | 15·5 |
| 16 | 29·0 | 27·8 | 29·4 | 23·8 | 13·2 | 15·5 | 22·8 | 17·8 | 29 | 14 | 22 | 3·7 | 2·9 | 3·4 | 0 | 0 | 0 | N | 4 | NNE | 3 | N | 2 | 0·0 | 14·5 |
| 17 | 31·5 | 29·5 | 30·3 | 22·9 | 9·3 | 14·3 | 22·4 | 17·8 | 31 | 14 | 23 | 3·8 | 2·9 | 3·5 | 0 | 0 | 0 | NNE | 3 | NNW | 4 | N | 2 | 0·0 | 13·7 |
| 18 | 31·4 | 28·3 | 29·1 | 24·8 | 8·8 | 13·1 | 24·1 | 19·3 | 34 | 12 | 16 | 3·8 | 2·7 | 2·6 | 0 | 0 | 0 | NNE | 3 | NNE | 3 | N | 2 | 0·0 | 13·6 |
| 19 | 30·1 | 27·9 | 29·3 | 26·0 | 9·0 | 14·0 | 25·6 | 19·8 | 23 | 20 | 23 | 2·7 | 4·9 | 4·0 | 0 | 0 | 0 | NNE | 4 | NE | 2 | NNE | 3 | 0·0 | 12·6 |
| 20 | 30·4 | 28·2 | 30·1 | 26·0 | 10·3 | 15·0 | 25·8 | 20·0 | 26 | 22 | 26 | 3·3 | 5·4 | 4·5 | 0 | 0 | 0 | NNE | 4 | NNE | 3 | NNE | 2 | 0·0 | 13·8 |
| 21 | 31·0 | 28·6 | 30·2 | 27·0 | 11·0 | 15·1 | 26·6 | 19·8 | 28 | 15 | 18 | 3·5 | 3·8 | 3·0 | 0 | 0 | 0 | NNE | 4 | NE | 3 | NNE | 2 | 0·0 | 14·6 |
| 22 | 31·3 | 28·9 | 30·8 | 24·6 | 10·8 | 15·0 | 24·4 | 19·0 | 25 | 10 | 15 | 3·1 | 2·4 | 2·3 | 0 | 0 | 0 | NNE | 4 | NNE | 4 | NNE | 2 | 0·0 | 17·3 |
| 23 | 32·3 | 30·0 | 31·6 | 24·0 | 9·4 | 13·0 | 24·0 | 17·2 | 29 | 11 | 22 | 3·2 | 2·5 | 3·3 | 2 | 0 | 0 | NNE | 5 | N | 5 | NNE | 2 | 0·0 | 15·8 |
| 24 | 33·1 | 30·1 | 31·4 | 26·0 | 8·9 | 13·5 | 25·4 | 19·2 | 39 | 18 | 24 | 4·5 | 4·3 | 4·0 | 0 | 0 | 0 | NE | 4 | NE | 3 | NNE | 1 | 0·0 | 11·1 |
| 25 | 31·8 | 28·9 | 30·1 | 26·4 | 10·6 | 14·2 | 26·2 | 19·2 | 41 | 20 | 24 | 5·0 | 5·0 | 4·0 | 0 | 0 | 0 | NNE | 3 | NE | 2 | NNE | 1 | 0·0 | 11·2 |
| 26 | 30·3 | 27·9 | 28·7 | 27·8 | 11·3 | 15·7 | 27·6 | 21·2 | 40 | 22 | 28 | 5·4 | 6·2 | 5·3 | 0 | 0 | 0 | NE | 3 | NE | 3 | NNE | 2 | 0·0 | 11·0 |
| 27 | 29·5 | 26·7 | 27·7 | 29·0 | 14·0 | 18·0 | 28·7 | 23·0 | 51 | 28 | 29 | 7·9 | 8·2 | 6·0 | 0 | 0 | 0 | NE | 3 | NNE | 2 | N | 1 | 0·0 | 11·8 |
| 28 | 28·0 | 25·8 | 26·3 | 30·1 | 15·4 | 19·6 | 29·6 | 23·5 | 50 | 27 | 38 | 8·5 | 8·3 | 8·4 | 0 | 0 | 0 | NNE | 4 | NNE | 2 | Calm | 0 | 0·0 | 10·8 |
| 29 | 27·5 | 24·9 | 26·4 | 32·2 | 16·9 | 21·1 | 31·6 | 26·5 | 66 | 32 | 37 | 12·2 | 11·1 | 9·4 | 0 | 0 | 0 | NNE | 2 | NE | 2 | NNE | 1 | 0·0 | 10·0 |
| 30 | 27·9 | 25·0 | 26·6 | 32·8 | 17·9 | 21·0 | 32·1 | 26·6 | 68 | 25 | 29 | 12·6 | 8·6 | 7·5 | 0 | 0 | 0 | NNE | 1 | NNE | 1 | NE | 1 | 0·0 | 11·8 |
| 31 | 28·6 | 25·7 | 26·9 | 32·1 | 18·1 | 21·1 | 31·8 | 25·2 | 62 | 26 | 39 | 11·5 | 9·2 | 9·3 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | Calm | 0 | 0·0 | 9·8 |
| Month | 28·70 | 26·33 | 27·60 | 29·0 | 14·2 | 18·2 | 28·7 | 22·7 | 33 | 17 | 23 | 5·4 | 5·2 | 5·0 | 0·3 | 0·4 | 0·2 | — | 3·1 | — | 2·4 | — | 1·4 | 0·0 | 14·00 |

**Remarks:—**

# EL OBEID.

$\varphi = 13° 11' N.$ $\lambda = 30° 14' E.$ $H = 585·0$ m. $h_t = 1·5$ m. $h_r = 1·2$ m.

$C_h = +50$ mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14·3 | 11·7 | 13·2 | 24·6 | 6·4 | 12·8 | 24·1 | 17·8 | 25 | 5 | 12 | 2·8 | 1·0 | 1·9 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNE | 2 | 0·0 | 9·0 |
| 2 | 13·9 | 11·8 | 12·1 | 25·4 | 6·8 | 14·1 | 24·6 | 16·4 | 26 | 8 | 16 | 3·1 | 1·8 | 2·3 | 0 | 0 | 0 | NNE | 4 | NNE | 3 | NNE | 3 | 0·0 | 9·0 |
| 3 | 13·3 | 10·4 | 11·7 | 26·4 | 6·8 | 13·3 | 25·4 | 18·4 | 26 | 13 | 25 | 2·9 | 3·1 | 4·0 | 0 | 2 | 0 | NNE | 4 | NNE | 4 | NNW | 1 | 0·0 | 11·0 |
| 4 | 13·6 | 10·1 | 11·3 | 28·6 | 8·8 | 14·8 | 27·4 | 21·7 | 26 | 18 | 29 | 3·2 | 4·9 | 5·5 | 1 | 1 | 0 | NNW | 3 | NNE | 2 | NNE | 3 | 0·0 | 11·0 |
| 5 | 12·7 | 10·3 | 10·7 | 31·1 | 10·7 | 16·7 | 29·8 | 20·6 | 27 | 9 | 21 | 3·8 | 2·7 | 3·7 | 1 | 1 | 0 | NNE | 2 | NNE | 3 | NNE | 2 | 0·0 | 11·0 |
| 6 | 11·7 | 9·1 | 10·3 | 32·3 | 11·2 | 16·4 | 31·2 | 21·7 | 28 | 11 | 24 | 3·9 | 3·6 | 4·7 | 0 | 0 | 0 | NNW | 4 | NNE | 3 | NNE | 1 | 0·0 | 10·0 |
| 7 | 11·5 | 9·2 | 10·7 | 32·3 | 11·7 | 16·8 | 31·1 | 22·4 | 37 | 10 | 20 | 5·3 | 3·2 | 4·0 | 0 | 0 | 0 | NNW | 3 | NNW | 4 | NNE | 3 | 0·0 | 10·0 |
| 8 | 12·5 | 10·3 | 11·7 | 28·6 | 9·7 | 15·8 | 28·2 | 20·8 | 21 | 8 | 13 | 2·9 | 2·1 | 2·4 | 0 | 0 | 0 | NNW | 4 | NNE | 4 | NNE | 4 | 0·0 | 11·0 |
| 9 | 14·0 | 11·7 | 12·4 | 27·3 | 7·4 | 13·3 | 26·4 | 17·7 | 24 | 6 | 13 | 2·7 | 1·5 | 2·0 | 0 | 0 | 0 | NNW | 4 | NNE | 4 | NNW | 3 | 0·0 | 10·0 |
| 10 | 13·3 | 10·5 | 11·7 | 29·9 | 7·2 | 13·7 | 29·2 | 19·2 | 18 | 6 | 24 | 2·2 | 1·7 | 4·0 | 0 | 0 | 0 | NNW | 3 | NNE | 3 | NNW | 1 | 0·0 | 10·0 |
| 11 | 13·3 | 9·3 | 10·3 | 32·2 | 11·6 | 16·7 | 30·9 | 22·6 | 17 | 18 | 22 | 2·4 | 6·1 | 4·4 | 0 | 0 | 0 | NNW | 3 | NNE | 2 | NNW | 3 | 0·0 | 9·0 |
| 12 | 11·5 | 8·8 | 10·0 | 32·3 | 12·3 | 18·2 | 31·7 | 23·9 | 29 | 9 | 14 | 4·5 | 3·1 | 3·0 | 0 | 0 | 0 | NNE | 1 | NNE | 3 | NNE | 2 | 0·0 | 10·0 |
| 13 | 11·3 | 9·2 | 10·7 | 32·9 | 13·3 | 18·7 | 31·9 | 23·3 | 23 | 6 | 13 | 3·7 | 2·2 | 2·8 | 7 | 5 | 0 | NNE | 1 | NNE | 3 | NNE | 2 | 0·0 | 11·0 |
| 14 | 12·7 | 10·0 | 11·6 | 31·6 | 11·6 | 15·8 | 30·9 | 23·1 | 18 | 10 | 20 | 2·4 | 3·4 | 4·1 | 1 | 0 | 0 | NNW | 3 | NNE | 4 | NNE | 2 | 0·0 | 11·0 |
| 15 | 12·4 | 9·7 | 11·1 | 31·6 | 11·3 | 16·6 | 30·2 | 23·6 | 31 | 16 | 24 | 4·3 | 5·3 | 5·3 | 0 | 0 | 0 | NNW | 3 | NNE | 3 | NNE | 2 | 0·0 | 9·0 |
| 16 | 12·7 | 9·9 | 12·3 | 30·1 | 11·4 | 17·2 | 29·9 | 21·5 | 32 | 11 | 20 | 4·7 | 3·4 | 3·8 | 0 | 6 | 0 | NNW | 4 | NNE | 3 | NNE | 1 | 0·0 | 11·0 |
| 17 | 14·6 | 12·8 | 14·7 | 26·9 | 10·4 | 16·4 | 26·4 | 19·9 | 18 | 8 | 13 | 2·5 | 1·9 | 2·2 | 1 | 2 | 1 | NNW | 4 | NNW | 5 | NNE | 2 | 0·0 | 13·0 |
| 18 | 16·6 | 14·1 | 15·0 | 24·6 | 8·8 | 13·9 | 23·8 | 19·3 | 20 | 6 | 9 | 2·4 | 1·3 | 1·4 | 0 | 0 | 1 | NNE | 4 | NNE | 6 | NNE | 4 | 0·0 | 11·0 |
| 19 | 15·7 | 12·7 | 13·2 | 24·6 | 6·6 | 12·4 | 23·8 | 18·8 | 30 | 7 | 16 | 3·3 | 1·5 | 2·5 | 0 | 0 | 0 | NNE | 4 | NNE | 4 | NNE | 2 | 0·0 | 12·0 |
| 20 | 14·1 | 11·6 | 12·1 | 26·1 | 7·7 | 13·4 | 25·4 | 19·7 | 33 | 25 | 28 | 3·8 | 5·8 | 4·8 | 0 | 0 | 1 | NNW | 3 | NNE | 5 | NNE | 3 | 0·0 | 11·0 |
| 21 | 13·3 | 10·7 | 11·3 | 27·4 | 8·9 | 13·4 | 26·2 | 19·4 | 44 | 21 | 25 | 5·0 | 5·2 | 4·2 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNE | 2 | 0·0 | 10·0 |
| 22 | 13·1 | 11·3 | 11·1 | 29·7 | 11·2 | 15·4 | 28·7 | 21·4 | 45 | 17 | 23 | 5·8 | 4·9 | 4·4 | 0 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 2 | 0·0 | 10·0 |
| 23 | 12·3 | 10·0 | 11·0 | 31·3 | 11·7 | 17·7 | 29·9 | 22·1 | 32 | 19 | 31 | 4·9 | 5·9 | 6·0 | 0 | 0 | 0 | NNW | 4 | NNW | 2 | NNW | 2 | 0·0 | 11·0 |
| 24 | 12·4 | 10·1 | 11·4 | 31·4 | 12·6 | 17·3 | 30·4 | 23·1 | 30 | 13 | 22 | 4·4 | 4·3 | 4·5 | 0 | 1 | 0 | NNW | 4 | NNE | 4 | NNW | 4 | 0·0 | 13·0 |
| 25 | 13·7 | 10·9 | 12·0 | 30·9 | 11·2 | 15·7 | 29·4 | 20·8 | 15 | 9 | 16 | 1·9 | 2·6 | 3·0 | 0 | 1 | 0 | NNW | 2 | NNE | 5 | NNW | 2 | 0·0 | 13·0 |
| 26 | 13·1 | 10·4 | 11·1 | 30·9 | 11·2 | 16·3 | 29·7 | 22·4 | 21 | 12 | 19 | 2·9 | 3·9 | 3·9 | 2 | 2 | 0 | NNW | 5 | NNE | 4 | NNW | 2 | 0·0 | 11·0 |
| 27 | 13·2 | 10·5 | 10·8 | 30·7 | 11·6 | 16·4 | 29·7 | 23·4 | 32 | 11 | 19 | 4·5 | 3·3 | 4·1 | 2 | 0 | 0 | NNW | 4 | NNE | 5 | NNE | 2 | 0·0 | 10·0 |
| 28 | 12·2 | 10·2 | 12·0 | 30·9 | 12·7 | 16·3 | 29·8 | 23·7 | 30 | 10 | 14 | 4·1 | 3·2 | 3·2 | 2 | 5 | 0 | NNW | 3 | NNW | 5 | N | 4 | 0·0 | 16·0 |
| 29 | 13·6 | 10·9 | 11·7 | 29·2 | 11·9 | 16·1 | 28·3 | 22·2 | 4 | 6 | 10 | 0·6 | 1·7 | 1·9 | 0 | 0 | 0 | NNW | 3 | NNE | 5 | NNE | 4 | 0·0 | 14·0 |
| 30 | 12·0 | 9·7 | 10·8 | 29·3 | 11·2 | 15·9 | 27·8 | 21·3 | 10 | 6 | 11 | 1·3 | 1·7 | 2·1 | 0 | 3 | 0 | NNW | 4 | N | 5 | NNW | 3 | 0·0 | 14·0 |
| 31 | 11·7 | 10·7 | 10·8 | 29·3 | 11·3 | 15·8 | 23·7 | 20·9 | 6 | 32 | 22 | 0·8 | 7·0 | 4·0 | 2 | 0 | 0 | NNW | 3 | NNE | 4 | NNW | 1 | 0·0 | 12·0 |
| Month | 13·11 | 10·60 | 11·64 | 29·4 | 10·2 | 15·6 | 28·3 | 21·1 | 25 | 12 | 19 | 3·3 | 3·3 | 3·6 | 0·6 | 0·9 | 0·1 | — | 3·3 | — | 3·8 | — | 2·4 | 0·0 | 11·10 |

**Remarks:—**

$C_h = +50$ mm.

## February 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12·0 | 9·8 | 10·4 | 30·3 | 12·3 | 17·8 | 28·9 | 22·3 | 12 | 5 | 10 | 1·9 | 1·6 | 2·0 | 2 | 3 | 0 | NNE | 4 | NNE | 5 | NNE | 3 | 0·0 | 13·0 |
| 2 | 12·5 | 10·8 | 11·7 | 29·4 | 11·8 | 16·8 | 28·7 | 21·6 | 9 | 6 | 6 | 1·3 | 1·8 | 1·1 | 1 | 1 | 0 | NNW | 4 | NNW | 5 | N | 5 | 0·0 | 15·0 |
| 3 | 12·9 | 10·3 | 10·4 | 28·8 | 10·2 | 15·8 | 27·4 | 21·7 | 24 | 9 | 16 | 3·2 | 2·5 | 3·1 | 1 | 3 | 0 | NNW | 4 | N | 5 | N | 1 | 0·0 | 10·0 |
| 4 | 11·3 | 9·3 | 10·0 | 30·9 | 9·9 | 15·9 | 29·7 | 22·3 | 15 | 6 | 14 | 1·9 | 1·8 | 2·8 | 1 | 0 | 0 | N | 4 | N | 4 | N | 1 | 0·0 | 10·0 |
| 5 | 11·3 | 9·8 | 11·8 | 29·4 | 10·6 | 15·7 | 28·6 | 21·9 | 15 | 2 | 6 | 1·9 | 0·7 | 1·2 | 1 | 3 | 0 | NNW | 1 | NNE | 5 | N | 4 | 0·0 | 12·0 |
| 6 | 12·4 | 10·9 | 12·4 | 27·7 | 11·8 | 16·7 | 26·9 | 19·8 | 18 | 9 | 19 | 2·6 | 2·2 | 3·1 | 2 | 0 | 0 | N | 5 | NNE | 4 | NNW | 3 | 0·0 | 11·0 |
| 7 | 14·1 | 12·3 | 12·7 | 26·4 | 9·7 | 14·7 | 24·8 | 20·4 | 26 | 12 | 20 | 3·2 | 2·8 | 3·6 | 2 | 3 | 0 | N | 5 | NNE | 3 | N | 4 | 0·0 | 11·0 |
| 8 | 14·2 | 11·6 | 11·5 | 29·2 | 8·9 | 14·3 | 27·4 | 21·7 | 29 | 7 | 9 | 3·4 | 1·8 | 1·8 | 3 | 0 | 0 | NNW | 3 | N | 4 | N | 3 | 0·0 | 11·0 |
| 9 | 12·7 | 9·6 | 10·9 | 30·2 | 7·8 | 14·7 | 29·4 | 22·4 | 20 | 6 | 12 | 2·4 | 1·7 | 2·4 | 2 | 3 | 0 | NNE | 3 | NNE | 5 | N | 2 | 0·0 | 11·0 |
| 10 | 11·6 | 8·8 | 9·0 | 30·9 | 10·7 | 16·7 | 29·7 | 22·9 | 14 | 6 | 16 | 2·0 | 1·8 | 3·3 | 1 | 1 | 0 | NNW | 4 | NNE | 3 | NNE | 2 | 0·0 | 10·0 |
| 11 | 11·1 | 8·8 | 9·6 | 30·6 | 10·2 | 15·9 | 29·7 | 23·2 | 15 | 4 | 8 | 2·0 | 1·4 | 1·6 | 0 | 0 | 0 | N | 2 | NNE | 3 | N | 2 | 0·0 | 13·0 |
| 12 | 10·6 | 7·9 | 10·2 | 30·9 | 11·3 | 16·4 | 29·2 | 23·8 | 12 | 7 | 10 | 1·6 | 2·2 | 2·2 | 2 | 3 | 0 | N | 4 | NNE | 4 | NNE | 3 | 0·0 | 9·0 |
| 13 | 9·3 | 4·0 | 5·9 | 35·1 | 14·2 | 19·4 | 32·7 | 26·4 | 16 | 6 | 10 | 2·8 | 2·3 | 2·6 | 7 | 3 | 2 | NNE | 1 | ESE | 3 | NNE | 2 | 0·0 | 9·0 |
| 14 | 7·9 | 5·1 | 7·1 | 37·2 | 18·2 | 23·9 | 35·9 | 28·8 | 14 | 9 | 35 | 3·0 | 4·1 | 10·2 | 6 | 8 | 8 | SSE | 1 | SSW | 2 | SSW | 1 | 0·0 | 11·0 |
| 15 | 10·1 | 8·2 | 8·9 | 32·8 | 18·6 | 21·7 | 31·7 | 28·1 | 19 | 15 | 21 | 3·7 | 5·3 | 5·7 | 4 | 1 | 1 | NNE | 4 | NNW | 5 | N | 4 | 0·0 | 14·0 |
| 16 | 12·9 | 9·6 | 10·2 | 29·4 | 16·4 | 19·1 | 28·9 | 25·4 | 45 | 24 | 28 | 7·3 | 7·0 | 6·8 | 0 | 0 | 0 | NNE | 5 | NNE | 5 | NNE | 3 | 0·0 | 12·0 |
| 17 | 11·4 | 9·5 | 10·5 | 30·4 | 16·1 | 20·6 | 29·4 | 24·7 | 35 | 19 | 22 | 6·3 | 5·8 | 5·1 | 0 | 0 | 0 | NNE | 5 | NNE | 3 | NNE | 2 | 0·0 | 14·0 |
| 18 | 12·4 | 10·2 | 10·5 | 30·1 | 13·4 | 19·1 | 29·2 | 24·2 | 13 | 6 | 9 | 2·1 | 1·8 | 2·1 | 0 | 0 | 0 | NNE | 4 | N | 4 | N | 4 | 0·0 | 15·0 |
| 19 | 12·5 | 10·3 | 11·5 | 28·4 | 11·6 | 16·8 | 27·6 | 20·9 | 5 | 0 | 1 | 0·7 | 0·2 | 0·2 | 0 | 0 | 3 | N | 5 | NNE | 4 | N | 3 | 0·0 | 16·0 |
| 20 | 12·9 | 11·3 | 11·6 | 26·9 | 8·6 | 15·3 | 26·1 | 19·8 | 5 | 0 | 3 | 0·6 | 0·1 | 0·6 | 2 | 2 | 3 | N | 5 | NNE | 5 | N | 2 | 0·0 | 13·0 |
| 21 | 12·9 | 10·7 | 10·5 | 28·8 | 8·1 | 15·7 | 27·7 | 20·3 | 3 | 6 | 10 | 0·4 | 1·6 | 1·9 | 1 | 1 | 0 | NNE | 4 | NNE | 2 | N | 2 | 0·0 | 11·0 |
| 22 | 12·1 | 9·8 | 10·8 | 31·9 | 8·8 | 15·4 | 30·8 | 22·8 | 13 | 5 | 8 | 1·6 | 1·5 | 1·7 | 0 | 0 | 0 | NNE | 3 | N | 2 | NNE | 2 | 0·0 | 10·0 |
| 23 | 11·3 | 8·4 | 8·5 | 36·4 | 8·8 | 22·3 | 35·2 | 26·2 | 13 | 7 | 5 | 2·6 | 3·0 | 1·4 | 1 | 2 | 0 | NNE | 3 | NNE | 2 | N | 2 | 0·0 | 10·0 |
| 24 | 10·2 | 8·0 | 8·5 | 37·4 | 15·3 | 24·8 | 36·3 | 28·2 | 7 | 4 | 10 | 1·7 | 1·6 | 2·8 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | N | 2 | 0·0 | 14·0 |
| 25 | 10·1 | 7·7 | 9·0 | 36·7 | 16·7 | 23·2 | 35·8 | 27·7 | 13 | 4 | 6 | 2·8 | 1·7 | 1·8 | 0 | 0 | 0 | NNE | 4 | NNE | 7 | NNE | 4 | 0·0 | 15·0 |
| 26 | 11·3 | 9·3 | 10·4 | 34·9 | 14·3 | 21.4 | 34·3 | 26·6 | 13 | 1 | 2 | 2·4 | 0·5 | 0·6 | 0 | 0 | 0 | N | 3 | NNE | 7 | NNE | 4 | 0·0 | 16·0 |
| 27 | 12·2 | 9·4 | 10·3 | 31·4 | 12·4 | 18·8 | 30·6 | 23·4 | 6 | 1 | 4 | 1·0 | 0·3 | 0·8 | 2 | 2 | 0 | NNW | 4 | N | 5 | N | 3 | 0·0 | 14·0 |
| 28 | 11·4 | 8·8 | 9·9 | 31·9 | 10·8 | 19·2 | 31·4 | 22·8 | 6 | 1 | 8 | 0·9 | 0·4 | 1·7 | 0 | 4 | 0 | N | 4 | NNE | 5 | N | 2 | 0·0 | 15·0 |
| Month | 11·70 | 9·29 | 10·17 | 31·2 | 12·1 | 18·1 | 30·1 | 23·6 | 16 | 7 | 12 | 2·4 | 2·1 | 2·6 | 1·5 | 1·5 | 0·6 | — | 3·6 | — | 4·0 | — | 2·7 | 0·0 | 12·32 |

**Remarks:**—14 Haboob $15^{45h}16^{30}$.

# EL OBEID.

$\varphi = 13° 11' N.$ $\lambda = 30° 14' E.$ $H = 585·0$ m. $h_t = 1·5$ m. $h_r = 1·2$ m.

$C_h = +50$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11·0 | 8·3 | 10·2 | 33·8 | 12·4 | 17·9 | 32·4 | 25·8 | 8 | 0 | 7 | 1·2 | 0·1 | 1·6 | 4 | 2 | 0 | N | 2 | NNE | 4 | N | 2 | 0·0 | 14·0 |
| 2 | 9·9 | 6·9 | 8·1 | 36·9 | 14·7 | 21·7 | 36·1 | 25·7 | 12 | 0 | 13 | 2·3 | 0·1 | 3·1 | 3 | 0 | 0 | NNE | 2 | NNE | 2 | N | 1 | 0·0 | 13·0 |
| 3 | 8·9 | 6·6 | 7·8 | 36·4 | 15·4 | 21·4 | 35·9 | 28·6 | 7 | 3 | 7 | 1·3 | 1·2 | 2·2 | 6 | 5 | 4 | N | 1 | NNE | 4 | N | 1 | 0·0 | 14·0 |
| 4 | 10·0 | 9·3 | 10·0 | 31·3 | 18·3 | 22·2 | 30·3 | 24·3 | 8 | 3 | 6 | 1·6 | 1·0 | 1·4 | 8 | 8 | 0 | NNW | 5 | NNW | 6 | N | 7 | 0·0 | 18·0 |
| 5 | 12·4 | 10·4 | 11·6 | 26·2 | 12·8 | 15·2 | 25·9 | 20·3 | 14 | 0 | 7 | 1·7 | 0·1 | 1·3 | 0 | 8 | 0 | N | 6 | NNE | 5 | N | 3 | 0·0 | 12·0 |
| 6 | 14·1 | 11·7 | 13·2 | 25·2 | 10·7 | 14·1 | 23·2 | 19·6 | 11 | 2 | 1 | 1·3 | 0·4 | 0·1 | 0 | 0 | 6 | NNW | 6 | NNE | 6 | NNE | 6 | 0·0 | 14·0 |
| 7 | 15·9 | 12·9 | 14·1 | 23·4 | 9·3 | 13·4 | 21·8 | 17·9 | 10 | 6 | 8 | 1·2 | 1·1 | 1·2 | 2 | 1 | 0 | NNE | 6 | NNW | 6 | N | 3 | 0·0 | 14·0 |
| 8 | 14·9 | 12·4 | 12·7 | 26·1 | 8·2 | 14·4 | 24·3 | 19·4 | 15 | 8 | 8 | 1·9 | 1·8 | 1·4 | 0 | 1 | 0 | N | 4 | NNE | 5 | N | 3 | 0·0 | 12·0 |
| 9 | 13·7 | 11·2 | 12·0 | 27·3 | 8·6 | 15·1 | 26·4 | 20·4 | 16 | 3 | 6 | 1·9 | 0·8 | 1·1 | 0 | 0 | 0 | N | 4 | N | 5 | N | 3 | 0·0 | 13·0 |
| 10 | 14·1 | 11·2 | 11·6 | 25·9 | 8·9 | 15·2 | 25·7 | 18·7 | 13 | 0 | 4 | 1·6 | 0·1 | 0·7 | 0 | 0 | 0 | N | 6 | NNE | 5 | N | 2 | 0·0 | 13·0 |
| 11 | 13·2 | 10·8 | 10·8 | 28·2 | 7·7 | 15·4 | 26·1 | 22·7 | 13 | 3 | 4 | 1·6 | 0·8 | 0·9 | 2 | 1 | 0 | NNE | 3 | NNE | 2 | N | 2 | 0·0 | 10·0 |
| 12 | 11·6 | 10·1 | 10·7 | 31·7 | 10·3 | 16·8 | 30·7 | 23·3 | 6 | 0 | 8 | 0·8 | 0·1 | 1·8 | 0 | 0 | 0 | NNW | 3 | NNW | 2 | N | 1 | 0·0 | 14·0 |
| 13 | 13·4 | 11·3 | 12·0 | 28·6 | 15·8 | 18·8 | 27·8 | 22·8 | 7 | 2 | 3 | 1·2 | 0·7 | 0·6 | 3 | 6 | 1 | N | 4 | NNE | 5 | N | 4 | 0·0 | 15·0 |
| 14 | 13·4 | 10·6 | 10·9 | 27·8 | 12·3 | 17·4 | 26·4 | 21·7 | 10 | 10 | 8 | 1·7 | 2·6 | 1·5 | 0 | 8 | 0 | N | 5 | N | 7 | N | 3 | 0·0 | 16·0 |
| 15 | 12·0 | 9·3 | 10·8 | 28·4 | 10·8 | 17·8 | 25·7 | 22·9 | 12 | 16 | 8 | 1·8 | 3·7 | 1·6 | 0 | 0 | 0 | N | 3 | N | 3 | N | 2 | 0·0 | 14·0 |
| 16 | 11·3 | 8·8 | 9·4 | 31·4 | 11·4 | 19·8 | 30·8 | 24·4 | 4 | 2 | 5 | 0·7 | 0·5 | 1·2 | 0 | 0 | 0 | N | 4 | NNE | 4 | N | 3 | 0·0 | 14·0 |
| 17 | 10·9 | 8·2 | 8·2 | 33·3 | 12·4 | 20·2 | 31·8 | 26·4 | 2 | 0 | 0 | 0·4 | 0·1 | 0·1 | 0 | 4 | 0 | N | 3 | NNE | 3 | N | 2 | 0·0 | 14·0 |
| 18 | 9·3 | 7·6 | 7·7 | 34·4 | 13·9 | 21·6 | 33·7 | 25·2 | 3 | 1 | 4 | 0·6 | 0·3 | 1·0 | 4 | 3 | 0 | NNW | 4 | N | 4 | N | 1 | 0·0 | 15·0 |
| 19 | 10·4 | 8·3 | 9·4 | 33.6 | 13·3 | 20·7 | 32·3 | 26·3 | 0 | 5 | 0 | 0·0 | 1·8 | 0·1 | 1 | 0 | 0 | N | 4 | NNE | 4 | N | 2 | 0·0 | 16·0 |
| 20 | 11·2 | 9·0 | 9·9 | 32.8 | 14·7 | 20·9 | 31·7 | 26·1 | 0 | 0 | 0 | 0·0 | 0·1 | 0·1 | 1 | 0 | 0 | N | 5 | N | 6 | N | 2 | 0·0 | 15·0 |
| 21 | 11·5 | 9·1 | 10·5 | 32·9 | 12·7 | 20·3 | 32·2 | 24·9 | 0 | 7 | 3 | 0·0 | 2·5 | 0·8 | 0 | 4 | 0 | N | 4 | NNE | 7 | N | 1 | 0·0 | 20·0 |
| 22 | 11·7 | 9·3 | 9·9 | 31·7 | 12·2 | 19·3 | 30·6 | 22·8 | 12 | 0 | 7 | 2·0 | 0·0 | 1·5 | 0 | 2 | 0 | NNW | 4 | NNE | 4 | NNW | 4 | 0·0 | 16·0 |
| 23 | 10·4 | 7·8 | 7·6 | 36·9 | 10·7 | 18·8 | 30·4 | 23·8 | 7 | 5 | 8 | 1·2 | 1·6 | 1·8 | 4 | 1 | 0 | N | 3 | NNE | 1 | N | 2 | 0·0 | 14·0 |
| 24 | 9·5 | 7·3 | 8·3 | 35·3 | 11·9 | 21·2 | 33·3 | 26·4 | 5 | 5 | 5 | 0.9 | 1·9 | 1·4 | 2 | 4 | 1 | N | 3 | Calm | 0 | N | 2 | 0·0 | 13·0 |
| 25 | 10·3 | 8·5 | 8·9 | 36·3 | 13·2 | 22·3 | 34·4 | 27·4 | 7 | 3 | 10 | 1·4 | 1·3 | 2·8 | 1 | 1 | 0 | NNE | 2 | NNE | 2 | Calm | 0 | 0·0 | 13·0 |
| 26 | 12·9 | 9·7 | 9·6 | 36·3 | 16·3 | 24.8 | 34·4 | 28·6 | 5 | 4 | 7 | 1·1 | 1·7 | 2·0 | 7 | 8 | 0 | SW | 1 | SSE | 1 | NNE | 1 | 0·0 | 10·0 |
| 27 | 11·3 | 8·7 | 8·6 | 36·4 | 16·3 | 23·8 | 35·9 | 27·1 | 3 | 4 | 5 | 0·6 | 2·0 | 1·4 | 5 | 3 | 0 | NNE | 2 | W | 1 | NNE | 2 | 0.0 | 15·0 |
| 28 | 10·9 | 9·0 | 9·3 | 36·4 | 15·3 | 24·4 | 32·9 | 25·9 | 1 | 4 | 9 | 0·2 | 1·3 | 2·3 | 1 | 2 | 0 | NNE | 4 | N | 3 | NNE | 1 | 0.0 | 15·0 |
| 29 | 11·0 | 8·1 | 8·7 | 36·3 | 14·9 | 23·9 | 34·7 | 26·9 | 7 | 5 | 7 | 1·5 | 2·0 | 1·7 | 0 | 0 | 0 | N | 2 | N | 1 | N | 1 | 0.0 | 12·0 |
| 30 | 10·8 | 8·4 | 8·9 | 37·2 | 15·2 | 24·7 | 36·3 | 27·3 | 6 | 4 | 3 | 1·3 | 1·6 | 0·8 | 0 | 0 | 0 | N | 2 | NNW | 2 | NNE | 2 | 0·0 | 14·0 |
| 31 | 11·1 | 8·7 | 8·9 | 38·4 | 15·6 | 25·8 | 37·4 | 29·2 | 10 | 1 | 2 | 2·5 | 0·3 | 0·5 | 2 | 0 | 0 | Calm | 0 | NNW | 2 | N | 1 | 0·0 | 11·0 |
| Month | 11·71 | 9·34 | 10·01 | 32·2 | 12·8 | 19·7 | 30·7 | 24·3 | 8 | 3 | 6 | 1·2 | 1·1 | 1·3 | 1·8 | 2·3 | 0·4 | — | 3·5 | — | 3·6 | — | 2·3 | 0.0 | 13·97 |

**Remarks:**—8 Haboob.—13 Haboob.—14 Haboob $m$–$15^{30}$.

$C_h = +48$ mm.

## April 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10·7 | 8·4 | 8·6 | 39·4 | 17·8 | 25·7 | 38·2 | 28·8 | 10 | 0 | 8 | 2·3 | 0·3 | 2·3 | 3 | 2 | 0 | Calm | 0 | WNW | 1 | N | 1 | 0·0 | 14·0 |
| 2 | 11·2 | 7·9 | 7·8 | 37·9 | 16·1 | 25·9 | 36·4 | 29·3 | 5 | 2 | 1 | 1·2 | 0·9 | 0·3 | 0 | 1 | 0 | NNE | 2 | ENE | 2 | N | 2 | 0·0 | 15·0 |
| 3 | 9·9 | 7·6 | 7·0 | 37·9 | 16·9 | 27·3 | 36·6 | 28·6 | 1 | 0 | 2 | 0·3 | 0·1 | 0·7 | 2 | 1 | 0 | NNE | 2 | NNE | 2 | N | 1 | 0·0 | 17·0 |
| 4 | 10·4 | 6·6 | 6·9 | 39·2 | 16·7 | 26·8 | 38·3 | 28·9 | 5 | 7 | 8 | 1·3 | 3·4 | 2·2 | 3 | 8 | 0 | N | 6 | N | 7 | N | 1 | 0·0 | 22·0 |
| 5 | 9·8 | 8·2 | 8·2 | 37·8 | 17·7 | 26·8 | 36·8 | 28·3 | 10 | 1 | 5 | 2·6 | 0·4 | 1·5 | 6 | 2 | 0 | NNE | 4 | NNE | 5 | N | 1 | 0·0 | 21·0 |
| 6 | 11·8 | 7·9 | 7·6 | 36·7 | 15·9 | 24·8 | 35·9 | 27·8 | 3 | 0 | 3 | 0·6 | 0·1 | 0·9 | 0 | 4 | 0 | NNE | 3 | NNE | 3 | N | 1 | 0·0 | 16·0 |
| 7 | 9·2 | 7·0 | 6·7 | 37·7 | 13·8 | 24·3 | 36·7 | 26·2 | 0 | 0 | 1 | 0·1 | 0·0 | 0·4 | 0 | 0 | 0 | NNE | 3 | NNW | 1 | N | 1 | 0·0 | 20·0 |
| 8 | 8·6 | 6·5 | 6·6 | 38·4 | 12·8 | 25·8 | 36·8 | 28·8 | 0 | 0 | 2 | 0·1 | 0·1 | 0·6 | 0 | 0 | 0 | NNE | 4 | NNE | 1 | N | 1 | 0·0 | 20·0 |
| 9 | 8·1 | 6·8 | 6·7 | 39·8 | 15·6 | 25·9 | 38·7 | 30·6 | 0 | 0 | 2 | 0·1 | 0·1 | 0·8 | 1 | 1 | 0 | NNW | 2 | NNW | 2 | N | 1 | 0·0 | 21·0 |
| 10 | 8·5 | 6·9 | 7·1 | 40·2 | 20·3 | 30·3 | 39·3 | 31·9 | 1 | 4 | 7 | 0·2 | 2·2 | 2·5 | 4 | 2 | 0 | NNE | 3 | NNE | 4 | NNE | 2 | 0·0 | 19·0 |
| 11 | 8·3 | 6·1 | 6·3 | 39·4 | 21·7 | 30·7 | 39·4 | 31·3 | 10 | 8 | 9 | 3·4 | 4·2 | 3·0 | 5 | 6 | 0 | NNE | 3 | NNE | 3 | N | 1 | 0·0 | 19·0 |
| 12 | 8·0 | 7.0 | 6·8 | 39·3 | 20·6 | 31·1 | 38·2 | 29·2 | 2 | 0 | 3 | 0·6 | 0·1 | 0·9 | 2 | 6 | 0 | NNE | 3 | NNE | 3 | NNE | 2 | 0·0 | 24·0 |
| 13 | 8·3 | 6·2 | 6·1 | 38·7 | 19·4 | 28·7 | 38·1 | 30·3 | 2 | 1 | 1 | 0·6 | 0·3 | 0·5 | 5 | 2 | 0 | NNE | 3 | NNW | 4 | N | 1 | 0·0 | 19·0 |
| 14 | 8·5 | 6·3 | 6·3 | 39·2 | 17·4 | 27·7 | 38·3 | 30·3 | 0 | 6 | 9 | 0·2 | 2·8 | 2·8 | 3 | 8 | 3 | N | 2 | NNE | 2 | N | 1 | 0·0 | 19·0 |
| 15 | 8·2 | 6·9 | 6·0 | 39·9 | 19·7 | 29·3 | 38·4 | 32·7 | 19 | 8 | 10 | 5·9 | 4·2 | 3·6 | 8 | 0 | 0 | NNE | 3 | NNW | 2 | N | 2 | 0·0 | 21·0 |
| 16 | 7·5 | 6·3 | 5·3 | 39·8 | 20.7 | 32·6 | 38·3 | 32·2 | 10 | 10 | 15 | 3·8 | 5·0 | 5·6 | 1 | 1 | 0 | NNE | 3 | NNE | 2 | Calm | 0 | 0·0 | 16·0 |
| 17 | 7·9 | 5·3 | 5·4 | 39·9 | 22·7 | 32·3 | 38·7 | 31·9 | 9 | 10 | 11 | 3·3 | 5·0 | 4·0 | 2 | 2 | 0 | NNE | 2 | ESE | 1 | N | 1 | 0·0 | 16·0 |
| 18 | 7·5 | 4·5 | 5·1 | 41·1 | 22·1 | 30·8 | 40·3 | 34·3 | 17 | 5 | 24 | 5·8 | 3·0 | 9·8 | 4 | 1 | 1 | Calm | 0 | NNW | 4 | S | 4 | 0·0 | 16·0 |
| 19 | 8·6 | 5·8 | 6·0 | 38·3 | 23·2 | 28·3 | 37·9 | 30·7 | 41 | 20 | 37 | 11·8 | 9·7 | 11·8 | 4 | 3 | 1 | SSW | 2 | WSW | 6 | SSW | 2 | 0·0 | 14·0 |
| 20 | 7·8 | 6·1 | 7·1 | 36·9 | 14·8 | 29·7 | 32·3 | 28·9 | 42 | 33 | 42 | 13·0 | 12·1 | 12·3 | 1 | 7 | 8 | SSW | 3 | ESE | 7 | SSW | 3 | 0·0 | 12·0 |
| 21 | 9·0 | 6·9 | 7·0 | 38·2 | 24.2 | 28·9 | 36·7 | 31·8 | 46 | 22 | 30 | 13·5 | 10·4 | 10·7 | 1 | 5 | 1 | WNW | 3 | WSW | 1 | NNW | 4 | 1·6 | 13·0 |
| 22 | 9·0 | 7·1 | 7·9 | 36·7 | 23·2 | 26·7 | 35·2 | 25·3 | 46 | 17 | 57 | 11·9 | 7·4 | 13·6 | 8 | 9 | 9 | SW | 1 | NNE | 2 | SSW | 7 | 0·0 | 10·0 |
| 23 | 9·4 | 7·2 | 7·3 | 35·4 | 22·6 | 27·2 | 34·6 | 31·1 | 47 | 17 | 17 | 12·8 | 7·1 | 5·7 | 5 | 8 | 8 | WNW | 2 | N | 1 | N | 1 | 0·0 | 20·0 |
| 24 | 8·7 | 6.4 | 6·6 | 36·4 | 24·6 | 27·9 | 35·4 | 32·3 | 19 | 18 | 17 | 5·3 | 7·8 | 6·3 | 8 | 7 | 4 | N | 6 | NNE | 6 | NNE | 4 | 0·0 | 22·0 |
| 25 | 8·8 | 6·9 | 6·2 | 36·3 | 22·6 | 27·3 | 34·8 | 30·7 | 14 | 12 | 33 | 3·6 | 4·8 | 10·6 | 1 | 2 | 1 | NNE | 4 | NNE | 3 | N | 2 | 0·0 | 18·0 |
| 26 | 10·0 | 7·4 | 7·8 | 35·8 | 19·1 | 26·7 | 34·7 | 27·6 | 8 | 2 | 5 | 2·0 | 1·0 | 1·3 | 6 | 5 | 0 | NNE | 3 | NNW | 3 | NNW | 1 | 0·0 | 20·0 |
| 27 | 8·5 | 7·4 | 7·6 | 38·2 | 17·3 | 27·4 | 35·9 | 28·9 | 0 | 4 | 8 | 0·0 | 2·0 | 2·2 | 3 | 3 | 0 | WNW | 3 | NNW | 1 | NNW | 1 | 0·0 | 19·0 |
| 28 | 9·2 | 7·4 | 7·2 | 39·2 | 19·6 | 28·8 | 37·9 | 29·3 | 4 | 4 | 14 | 1·1 | 2·0 | 4·4 | 1 | 3 | 0 | NNW | 2 | NNE | 1 | Calm | 0 | 0·0 | 15·0 |
| 29 | 9·3 | 7·0 | 6·8 | 39·6 | 21·7 | 30·4 | 37·8 | 30·4 | 25 | 6 | 9 | 8·1 | 2·8 | 3·0 | 1 | 0 | 0 | NNW | 2 | NNW | 1 | NNW | 1 | 0·0 | 13·0 |
| 30 | 8·6 | 6·5 | 6·2 | 39·3 | 24·2 | 30·9 | 38·2 | 30·6 | 31 | 1 | 11 | 10·4 | 0·4 | 3·4 | 1 | 2 | 0 | SW | 1 | N | 2 | Calm | 0 | 0·0 | 15·0 |
| Month | 8·96 | 6·82 | 6·81 | 38·4 | 19·5 | 28·2 | 37·2 | 30·0 | 14 | 7 | 13 | 4·2 | 3·3 | 4·3 | 3·0 | 3·4 | 1·2 | — | 2·7 | — | 2·8 | — | 1·7 | 1·6 | 17·53 |

**Remarks:**—4 Haboob N.—5 Haboob $m$–$13^{30}$.—10 Haboob $8^{30}$–$13^{30}$.—11 Haboob $8^{30}$–$13^{30}$.—12 Haboob $9^h$–$13^{30}$.—13 Haboob $9^h$–$13^{30}$.—14 Haboob $9^h$–$13^h$.—18 Haboob $20^{30}$.—19 Haboob $9^h$–$16^{30}$.—20 Haboob $13^{30}$–$16^{30}$.—22 Haboob $17^{30}$.—23 Haboob $8^{30}$–$13^{30}$.

# EL OBEID.

$\varphi = 13° 11'$ N. $\lambda = 30° 14'$ E. H = 585·0 m. $h_t = 1·5$ m. $h_r = 1·2$ m.

$C_h = +48$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9·0 | 6·8 | 7·0 | 39·2 | 20·3 | 30·7 | 38·2 | 30·1 | 5 | 1 | 15 | 1·6 | 0·6 | 4·8 | 4 | 2 | 0 | W | 2 | NNW | 2 | N | 1 | 0·0 | 14·0 |
| 2 | 9·9 | 7·5 | 7·0 | 39·4 | 22·7 | 28·6 | 38·2 | 31·4 | 47 | 8 | 11 | 13·6 | 4·1 | 3·8 | 7 | 5 | 0 | SW | 1 | ENE | 2 | N | 1 | 0·0 | 15·0 |
| 3 | 8·9 | 6·5 | 6·9 | 40·8 | 22·9 | 31·3 | 39·2 | 34·2 | — | 14 | — | — | 7·2 | — | 1 | 2 | 1 | SW | 2 | NNE | 3 | S | 3 | Drops | 16·0 |
| 4 | 9·1 | 6·6 | 7·4 | 38·2 | 27·7 | 31·9 | 36·8 | 31·3 | 0 | 26 | 39 | 0·0 | 12·2 | 13·4 | 7 | 8 | 3 | SW | 2 | NNW | 3 | S | 4 | 0·0 | 14·0 |
| 5 | 8·8 | 6·7 | 6·5 | 37·7 | 23·4 | 27·8 | 36·3 | 31·9 | 47 | 25 | — | 13·1 | 11·2 | — | 8 | 7 | 7 | SW | 2 | SW | 6 | S | 4 | 0·0 | 16·0 |
| 6 | 8·6 | 6·5 | 6·5 | 38·9 | 25·3 | 30·4 | 38·2 | 30·3 | 16 | 8 | 22 | 5·3 | 4·3 | 7·2 | 7 | 8 | 0 | WNW | 3 | NNW | 3 | N | 1 | 0·0 | 17·0 |
| 7 | 9·3 | 6·5 | 6·7 | 40·6 | 21·9 | 29·9 | 39·3 | 31·3 | 10 | 7 | 13 | 3·2 | 3·6 | 4·6 | 6 | 6 | 0 | NNW | 2 | NNE | 4 | NNW | 1 | 0·0 | 16·0 |
| 8 | 8·0 | 7·2 | 7·0 | 39·7 | 21·6 | 27·7 | 38·4 | 32·8 | 51 | 12 | 0 | 14·0 | 5·8 | 0·0 | 1 | 1 | 0 | SW | 2 | SW | 2 | N | 1 | 0·0 | 15·0 |
| 9 | 8·9 | 6·7 | 7·0 | 39·8 | 23·4 | 29·3 | 39·3 | 30·7 | 8 | 5 | 13 | 2·4 | 2·8 | 4·4 | 6 | 8 | 0 | WNW | 4 | NNE | 7 | NNW | 2 | 0·0 | 20·0 |
| 10 | 9·0 | 6·1 | 7·6 | 37·8 | 20·3 | 28·7 | 36·4 | 30·8 | 6 | 8 | 16 | 1·8 | 3·8 | 5·4 | 8 | 4 | 0 | NNE | 6 | NNE | 2 | NNE | 2 | 0·0 | 16·0 |
| 11 | 8·2 | 5·9 | 6·7 | 38·8 | 20·4 | 29·9 | 37·9 | 31·3 | 2 | 8 | 13 | 0·6 | 3·7 | 4·5 | 0 | 1 | 0 | NNE | 4 | NNW | 2 | NNW | 2 | 0·0 | 16·0 |
| 12 | 9·3 | 7·8 | 7·7 | 39·7 | 23·8 | 28·9 | 37·8 | 32·4 | 46 | 10 | 15 | 13·3 | 4·7 | 5·6 | 0 | 2 | 7 | SW | 2 | NNE | 2 | NNE | 1 | 0·0 | 16·0 |
| 13 | 10·4 | 7·7 | 8·9 | 39·9 | 24·4 | 30·9 | 38·9 | 31·4 | 37 | 7 | 15 | 12·2 | 3·9 | 5·2 | 7 | 3 | 1 | SW | 2 | NNE | 5 | NNE | 1 | 0·0 | 16·0 |
| 14 | 10·7 | 7·9 | 8·0 | 39·3 | 22·9 | 28·4 | 38·4 | 30·4 | 40 | 5 | 15 | 11·6 | 2·6 | 5·1 | 7 | 8 | 6 | SW | 2 | NNW | 4 | NNE | 2 | 0·0 | 16·0 |
| 15 | 10·4 | 7·8 | 8·3 | 38·7 | 22·6 | 28·8 | 37·8 | 31·6 | 32 | 5 | 8 | 9·4 | 2·3 | 2·8 | 4 | 7 | 0 | SW | 2 | NNE | 6 | NNE | 1 | 0·0 | 17·0 |
| 16 | 9·8 | 8·2 | 7·7 | 39·2 | 22·7 | 30·3 | 38·4 | 30·8 | 38 | 7 | 13 | 12·3 | 3·4 | 4·2 | 0 | 6 | 0 | NNE | 2 | NNE | 4 | NNE | 2 | 0·0 | 18·0 |
| 17 | 9·3 | 8·0 | 7·8 | 38·2 | 21·4 | 28·8 | 36·8 | 29·9 | 12 | 11 | 18 | 3·7 | 5·1 | 5·6 | 2 | 0 | 0 | NNE | 6 | N | 1 | NNE | 1 | 0·0 | 18·0 |
| 18 | 10·4 | 8·1 | 8·1 | 37·1 | 19·2 | 26·9 | 36·4 | 27·8 | 12 | 4 | 12 | 3·1 | 1·7 | 3·2 | 0 | 0 | 0 | NNE | 6 | NNW | 4 | N | 1 | 0·0 | 18·0 |
| 19 | 10·7 | 9·2 | 8·5 | 32·4 | 17·4 | 27·1 | 31·7 | 27·9 | 8 | 11 | 11 | 2·3 | 3·8 | 3·0 | 2 | 7 | 2 | NNE | 4 | NNW | 2 | NNW | 1 | 0·0 | 15·0 |
| 20 | 10·3 | 7·9 | 7·6 | 38·4 | 16·4 | 28·2 | 37·3 | 30·8 | 8 | 4 | 7 | 2·1 | 1·9 | 2·5 | 1 | 2 | 2 | NNE | 4 | SW | 4 | NNE | 2 | 0·0 | 16·0 |
| 21 | 9·6 | 7·5 | 7·2 | 39·8 | 18·3 | 30·6 | 37·9 | 31·8 | 7 | 5 | 10 | 2·2 | 2·3 | 3·6 | 1 | 0 | 0 | NNE | 6 | NNE | 3 | NNE | 1 | 0·0 | 15·0 |
| 22 | 8·3 | 7·5 | 6·0 | 40·3 | 20·4 | 31·9 | 39·4 | 32·8 | 5 | 4 | 9 | 1·8 | 2·0 | 3·1 | 0 | 0 | 0 | NNE | 4 | SE | 4 | NNE | 1 | 0·0 | 19·0 |
| 23 | 7·8 | 5·6 | 6·7 | 41·2 | 22·1 | 31·4 | 39·4 | 31·8 | 10 | 5 | 15 | 3·2 | 2·9 | 5·2 | 1 | 1 | 0 | SW | 1 | NNE | 4 | NNE | 1 | 0·0 | 16·0 |
| 24 | 7·8 | 6·1 | 5·9 | 40·4 | 24·7 | 31·4 | 39·3 | 30·8 | — | 13 | 31 | — | 7·0 | 10·1 | 1 | 2 | 1 | SW | 4 | NNW | 4 | SW | 3 | 0·0 | 14·0 |
| 25 | 8·3 | 6·0 | 7·8 | 39·6 | 22·1 | 27·6 | 37·7 | 31·7 | 43 | 15 | 27 | 12·1 | 7·2 | 9·2 | 8 | 5 | 2 | SW | 4 | SW | 4 | SW | 6 | 10·9 | 15·0 |
| 26 | 9·8 | 9·1 | 7·9 | 39·3 | 21·3 | 26·2 | 33·8 | 29·3 | 58 | 31 | 42 | 14·6 | 12·0 | 12·7 | 7 | 8 | 3 | SW | 3 | SW | 4 | SW | 3 | 0·0 | 9·0 |
| 27 | 10·2 | 8·1 | 8·0 | 38·3 | 22·7 | 27·2 | 37·2 | 37·6 | 54 | 18 | 13 | 14·3 | 8·4 | 6·5 | 0 | 3 | 2 | SW | 4 | SW | 1 | NNE | 1 | 0·0 | 14·0 |
| 28 | 9·8 | 6·7 | 6·3 | 39·7 | 22·1 | 30·2 | 39·3 | 36·2 | 10 | 6 | 9 | 3·1 | 3·3 | 3·8 | 1 | 0 | 8 | NNE | 4 | NNE | 7 | NNE | 4 | 0·0 | 25·0 |
| 29 | 9·5 | 6·0 | 7·4 | 39·1 | 23·3 | 29·9 | 38·2 | 32·8 | 14 | 5 | 10 | 4·6 | 2·4 | 3·6 | 7 | 8 | 0 | NNE | 4 | NNE | 6 | NNE | 1 | 0·0 | 24·0 |
| 30 | 9·8 | 9·2 | 9·3 | 36·6 | 23·8 | 27·9 | 35·3 | 30·4 | 14 | 9 | 12 | 3·9 | 3·8 | 3·8 | 0 | 0 | 0 | NNE | 3 | NNE | 2 | NNE | 4 | 0·0 | 21·0 |
| 31 | 11·2 | 9·2 | 9·4 | 38·9 | 20·3 | 27·4 | 35·4 | 28·9 | 11 | 5 | 7 | 2·9 | 2·3 | 2·0 | 4 | 4 | 0 | NNE | 4 | NNW | 3 | NNW | 3 | 0·0 | 18·0 |
| Month | 9·39 | 7·31 | 7·45 | 38·9 | 22·0 | 29·2 | 37·6 | 31·4 | 22 | 10 | 18 | 6·5 | 4·6 | 5·1 | 3·5 | 3·8 | 1·5 | — | 3·3 | — | 3·5 | — | 2·0 | 10·9 | 16·61 |

**Remarks:**—3 ●° $14^{30}$—5 Haboob $11^h$–*p*.—7 Haboob $21^h$.—9 Haboob $9^h$–*p*.—10 Haboob $7^h$–$13^{30}$.—15 Haboob $10^{30}$–*p*.—17 Haboob $7^h$–$13^{30}$.—21 Haboob $7^h$–$13^{30}$.—22 Haboob $8^{30}$–$13^{30}$.—23 Haboob $21^h$.—24 Haboob $21^h$.—25 Haboob $16^h$.—28 Haboob $8^{30}$–$18^h$.—29 Haboob $9^h$–$16^{30}$.

$C_h = +48$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10·8 | 8·8 | 8·9 | 36·1 | 18·2 | 27·3 | 35·2 | 28·4 | 3 | 3 | 5 | 0·8 | 1·4 | 1·5 | 0 | 0 | 0 | NNE | 4 | NNE | 6 | NNE | 2 | 0·0 | 21·0 |
| 2 | 10·7 | 8·7 | 8·6 | 36·2 | 16·8 | 27·8 | 34·7 | 26·9 | 4 | 4 | 9 | 1·2 | 1·8 | 2·5 | 0 | 0 | 0 | NNE | 6 | NNE | 6 | NNW | 1 | 0·0 | 21·0 |
| 3 | 10·5 | 8·0 | 8·8 | 36·3 | 16·3 | 27·1 | 35·2 | 27·2 | 4 | 5 | 9 | 1·0 | 2·0 | 2·4 | 0 | 2 | 0 | NNE | 4 | NNW | 1 | NNW | 1 | 0·0 | 15·0 |
| 4 | 10·7 | 8·6 | 9·0 | 36·6 | 16·1 | 26·8 | 34·9 | 26·9 | 2 | 2 | 8 | 0·6 | 1·0 | 2·1 | 0 | 0 | 0 | NNW | 3 | SW | 4 | NNW | 1 | 0·0 | 16·0 |
| 5 | 10·1 | 8·0 | 8·3 | 37·7 | 17·8 | 27·6 | 37·3 | 29·1 | 5 | 3 | 6 | 1·3 | 1·4 | 1·7 | 1 | 0 | 0 | NNW | 3 | NNW | 2 | NNW | 2 | 0·0 | 15·0 |
| 6 | 9·6 | 8·6 | 9·4 | 39·1 | 18·7 | 28·3 | 37·4 | 29·6 | 5 | 5 | 13 | 1·5 | 2·3 | 4·1 | 0 | 0 | 0 | N | 4 | NNW | 3 | NNE | 1 | 0·0 | 14·0 |
| 7 | 8·8 | 7·2 | 6·7 | 39·8 | 20·2 | 29·4 | 38·1 | 29·9 | 6 | 4 | 10 | 1·9 | 2·0 | 3·3 | 0 | 0 | 0 | NNW | 4 | NNW | 1 | NNW | 1 | 0·0 | 15·0 |
| 8 | 8·3 | 7·3 | 7·5 | 40·8 | 20·1 | 30·4 | 39·4 | 30·8 | 3 | 2 | 6 | 0·9 | 1·3 | 2·1 | 7 | 3 | 0 | NNW | 4 | Calm | 0 | NNE | 1 | 0·0 | 16·0 |
| 9 | 9·3 | 8·4 | 8·5 | 39·8 | 21·1 | 29·9 | 39·2 | 31·8 | 5 | 3 | 9 | 1·6 | 1·5 | 3·3 | 1 | 3 | 0 | NNW | 2 | NNW | 2 | NNW | 1 | 0·0 | 18·0 |
| 10 | 10·0 | 8·9 | 8·7 | 39·9 | 20·7 | 30·8 | 38·9 | 30·7 | 2 | 1 | 8 | 0·7 | 0·6 | 2·5 | 3 | 1 | 1 | NNW | 6 | NNW | 2 | NNW | 1 | 0·0 | 19·0 |
| 11 | 10·2 | 8·7 | 8·1 | 39·8 | 21·2 | 29·3 | 38·9 | 29·9 | 6 | 0 | 19 | 1·7 | 0·1 | 5·9 | 1 | 0 | 0 | NNW | 2 | NNW | 3 | NNW | 1 | 0·0 | 18·0 |
| 12 | 9·5 | 7·2 | 8·7 | 39·8 | 21·7 | 30·4 | 39·2 | 30·3 | 5 | 3 | 13 | 1·7 | 1·8 | 4·2 | 0 | 0 | 0 | NNE | 3 | NNW | 2 | NNW | 1 | 0·0 | 19·0 |
| 13 | 9·8 | 8·5 | 7·7 | 39·4 | 21·7 | 30·8 | 37·1 | 30·9 | 10 | 8 | 17 | 3·5 | 4·0 | 5·6 | 3 | 5 | 0 | NNE | 7 | Calm | 0 | NNE | 1 | 0·0 | 17·0 |
| 14 | 11·6 | 9·7 | 9·8 | 38·8 | 21·7 | 30·4 | 36·8 | 30·8 | 12 | 8 | 16 | 3·8 | 3·7 | 5·5 | 0 | 0 | 0 | ESE | 3 | ESE | 1 | NNE | 1 | 0·0 | 15·0 |
| 15 | 12·1 | 9·6 | 9·5 | 38·4 | 21·8 | 28·3 | 37·4 | 31·2 | 31 | 8 | 13 | 8·7 | 3·8 | 4·7 | 3 | 2 | 1 | SSW | 2 | SW | 3 | NNW | 1 | 0·0 | 15·0 |
| 16 | 11·6 | 9·5 | 8·6 | 38·3 | 20·6 | 30·3 | 36·9 | 28·9 | 12 | 6 | 18 | 3·8 | 2·9 | 5·4 | 0 | 1 | 0 | SSW | 2 | NNW | 2 | NNW | 1 | 0·0 | 15·0 |
| 17 | 10·8 | 8·6 | 8·5 | 37·8 | 20·7 | 29·6 | 35·8 | 30·1 | 38 | 8 | 10 | 11·8 | 3·5 | 3·0 | 1 | 0 | 0 | SW | 4 | SSW | 3 | NNE | 1 | 0·0 | 14·0 |
| 18 | 10·2 | 8·1 | 8·3 | 38·7 | 21·3 | 29·3 | 37·3 | 33·4 | 14 | 7 | 9 | 4·4 | 3·1 | 3·3 | 0 | 1 | 8 | S | 2 | NNW | 1 | NNE | 3 | 0·0 | 16·0 |
| 19 | 10·8 | 9·1 | 9·3 | 37·4 | 22·7 | 30·1 | 36·3 | 31·4 | 14 | 6 | 9 | 4·6 | 2·5 | 3·1 | 1 | 1 | 2 | SW | 4 | NNW | 1 | NNE | 2 | 0·0 | 14·0 |
| 20 | 10·5 | 9·1 | 9·1 | 37·8 | 23·3 | 28·4 | 36·7 | 30·4 | 41 | 10 | 14 | 11·7 | 4·6 | 4·6 | 8 | 5 | 1 | W | 1 | NNE | 1 | NNE | 2 | 0·0 | 13·0 |
| 21 | 10·2 | 8·6 | 8·5 | 38·8 | 22·3 | 29·3 | 36·9 | 31·1 | 35 | 11 | 11 | 10·7 | 5·2 | 3·7 | 4 | 1 | 1 | WNW | 3 | SW | 2 | NNE | 1 | 0·0 | 13·0 |
| 22 | 10.7 | 8·8 | 8·5 | 38·8 | 22·7 | 29·7 | 37·2 | 30·6 | 39 | 10 | 20 | 12·1 | 4·9 | 6·4 | 1 | 1 | 0 | SW | 4 | NNW | 3 | NNW | 1 | 0·0 | 14·0 |
| 23 | 11·1 | 8·4 | 7·9 | 39·1 | 22·3 | 29·2 | 38·3 | 30·9 | 38 | 10 | 18 | 11·6 | 5·0 | 6·2 | 1 | 0 | 0 | SW | 4 | WNW | 6 | NNW | 1 | 0·0 | 17·0 |
| 24 | 9·7 | 8·0 | 7·6 | 38·3 | 23·7 | 29·4 | 36·9 | 33·3 | 37 | 19 | 26 | 11·4 | 9·1 | 9·7 | 7 | 1 | 0 | SW | 7 | SW | 7 | SW | 3 | 0·0 | 20·0 |
| 25 | 10·8 | 8·2 | 7·6 | 37·3 | 25·9 | 29·6 | 35·4 | 31·7 | 40 | 26 | 33 | 12·5 | 11·0 | 11·6 | 6 | 6 | 1 | SSE | 6 | S | 6 | S | 6 | 0·0 | 16·0 |
| 26 | 10·3 | 7·8 | 8·8 | 37·3 | 23·7 | 27·8 | 35·8 | 27·6 | 44 | 25 | 58 | 12·4 | 10·8 | 15·8 | 2 | 8 | 6 | SSE | 5 | SSW | 6 | SSW | 4 | 1·4 | 12·0 |
| 27 | 12·1 | 9·4 | 11·0 | 31·8 | 22·3 | 23·9 | 31·4 | 27·3 | 75 | 35 | 52 | 16·4 | 11·9 | 13·9 | 9 | 8 | 7 | ENE | 2 | S | 4 | SSW | 6 | 0·8 | 9·0 |
| 28 | 11·7 | 9·2 | 9·2 | 36·8 | 21·8 | 26·4 | 35·7 | 30·7 | 49 | 23 | 37 | 12·5 | 10·0 | 12·0 | 10 | 7 | 2 | SSE | 3 | SSW | 3 | SSW | 3 | 0·0 | 12·0 |
| 29 | 11·0 | 9·0 | 10·4 | 37·9 | 24·8 | 28·8 | 35·1 | 27·9 | 45 | 19 | 47 | 13·2 | 8·0 | 13·2 | 4 | 4 | 10 | SW | 3 | SSE | 2 | SSW | 7 | 24·0 | 9·0 |
| 30 | 10·9 | 9·6 | 9·2 | 34·4 | 20·4 | 25·1 | 32·2 | 28·9 | 69 | 42 | 54 | 16·1 | 15·0 | 15·8 | 4 | 5 | 8 | SSW | 4 | ESE | 3 | SSW | 2 | 0·0 | 10·0 |
| Month | 10·48 | 8·59 | 8·69 | 38·0 | 21·1 | 28·7 | 36·6 | 30·0 | 23 | 11 | 19 | 6·5 | 4·5 | 6·0 | 2·6 | 2·2 | 1·6 | — | 3·7 | — | 2·9 | — | 2·0 | 26·2 | 15·27 |

**Remarks:**—2 Haboob $7^{30}$–$11^h$.—10 Haboob $8^h$–$11^{30}$.—12 Haboob $8^{30}$–$13^h$.—13 Haboob $7^h$–$11^{30}$.—22 Haboob $8^{30}$–$13^{30}$.—23 Haboob $8^{30}$–$16^{30}$.—24 Haboob $7^{30}$–$13^{30}$.—25 Haboob $6^h$–$20^{30}$.—26 ● *a*, haboob $10^h$–$18^{30}$.—27 ●° *a*.—29 ● *n*.

# EL OBEID.

$\varphi = 13° 11'$ N. $\lambda = 30° 14'$ E. H = 585·0 m. $h_t = 1·5$ m. $h_r = 1·2$ m.

$C_h$ = + 48 mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10·4 | 8·2 | 9·4 | 36·9 | 23·6 | 26·9 | 35·4 | 28·3 | 56 | 22 | 45 | 14·5 | 9·3 | 12·8 | 3 | 3 | 4 | SSW | 4 | SSW | 4 | SSW | 6 | 0·0 | 13·0 |
| 2 | 10·8 | 9·1 | 10·1 | 36·8 | 23·4 | 23·9 | 35·2 | 24·3 | 84 | 23 | 72 | 18·3 | 9·6 | 16·1 | 1 | 4 | 10 | SW | 2 | WNW | 1 | SSE | 7 | 1·6 | 10·0 |
| 3 | 10·5 | 8·4 | 8·6 | 38·2 | 20·9 | 28·2 | 36·4 | 31·1 | 47 | 17 | 38 | 13·4 | 7·7 | 12·8 | 4 | 5 | 0 | SW | 2 | WNW | 3 | SSW | 2 | 0·0 | 13·0 |
| 4 | 10·8 | 9·5 | 9·2 | 36·4 | 22·3 | 26·3 | 34·6 | 31·6 | 48 | 22 | 28 | 12·2 | 9·1 | 9·6 | 8 | 6 | 0 | SSW | 4 | SW | 2 | SSW | 3 | 0·0 | 16·0 |
| 5 | 12·5 | 10·0 | 9·6 | 36·1 | 24·2 | 26·9 | 34·4 | 31·9 | 55 | 31 | 34 | 14·4 | 12·4 | 12·0 | 5 | 8 | 0 | SE | 4 | SW | 6 | SSW | 2 | 0·0 | 16·0 |
| 6 | 12·0 | 9·7 | 8·9 | 36·2 | 24·6 | 27·2 | 33·9 | 31·2 | 56 | 34 | 40 | 15·0 | 13·4 | 13·5 | 2 | 3 | 0 | S | 4 | SW | 6 | SW | 4 | 0·0 | 14·0 |
| 7 | 11·6 | 9·1 | 8·4 | 37·2 | 23·8 | 27·4 | 35·9 | 33·1 | 51 | 27 | 30 | 13·9 | 11·8 | 11·2 | 4 | 3 | 0 | SSE | 4 | SW | 2 | S | 1 | 0·0 | 15·0 |
| 8 | 9·5 | 8·2 | 9·8 | 38·2 | 25·2 | 29·2 | 37·2 | 29·6 | 46 | 20 | 51 | 13·8 | 9·2 | 15·7 | 3 | 3 | 0 | SSW | 2 | NNW | 4 | SSE | 6 | 0·0 | 15·0 |
| 9 | 11·2 | 8·5 | 8·4 | 37·4 | 22·9 | 27·2 | 35·3 | 30·4 | 54 | 27 | 37 | 14·5 | 11·3 | 12·0 | 5 | 2 | 0 | SW | 4 | SSW | 1 | S | 5 | 0·0 | 15·0 |
| 10 | 10·8 | 9·3 | 10·2 | 35·1 | 23·9 | 27·8 | 29·4 | 23·3 | 53 | 45 | 68 | 14·7 | 13·7 | 14·4 | 3 | 9 | 3 | SSW | 4 | ESE | 4 | S | 4 | 1·6 | 7·0 |
| 11 | 11·3 | 10·0 | 8·6 | 33·1 | 18·4 | 23·8 | 32·9 | 29·1 | 68 | 37 | 45 | 14·9 | 13·7 | 13·3 | 2 | 3 | 0 | S | 4 | S | 3 | SW | 4 | 0·0 | 13·0 |
| 12 | 10·2 | 8·2 | 9·8 | 36·1 | 18·9 | 26·4 | 34·4 | 31·1 | 57 | 26 | 36 | 14·5 | 10·4 | 12·1 | 2 | 5 | 8 | SSW | 3 | SSE | 1 | SE | 6 | 0·0 | 13·0 |
| 13 | 10·9 | 9·7 | 10·4 | 36·8 | 22·3 | 26·9 | 34·9 | 26·8 | 49 | 30 | 57 | 13·0 | 12·4 | 14·8 | 3 | 6 | 8 | SSW | 4 | SSW | 1 | SSE | 4 | 8·1 | 9·0 |
| 14 | 12·5 | 9·5 | 9·0 | 36·2 | 21·1 | 24·9 | 34·6 | 32·1 | 70 | 27 | 39 | 16·4 | 11·2 | 14·0 | 3 | 5 | 1 | SSW | 2 | SSE | 2 | Calm | 0 | 0·0 | 11·0 |
| 15 | 11·6 | 9·3 | 8·6 | 31·7 | 22·4 | 24·9 | 31·4 | 28·6 | 63 | 44 | 53 | 14·7 | 15·0 | 15·2 | 6 | 8 | 1 | ESE | 3 | SSE | 4 | S | 4 | 0·0 | 10·0 |
| 16 | 11·3 | 9·8 | 9·7 | 35·4 | 22·4 | 25·6 | 33·7 | 30·6 | 59 | 30 | 37 | 14·3 | 11·7 | 12·1 | 3 | 1 | 1 | SW | 3 | SSW | 1 | SW | 3 | 0·0 | 15·0 |
| 17 | 11·7 | 10·7 | 10·4 | 35·8 | 21·8 | 25·7 | 33·3 | 28·7 | 56 | 31 | 41 | 13·7 | 11·6 | 11·9 | 8 | 6 | 3 | SSW | 3 | SSE | 1 | W | 3 | 0·0 | 12·0 |
| 18 | 11·6 | 10·7 | 10·4 | 34·6 | 23·8 | 26·8 | 31·9 | 28·6 | 56 | 41 | 52 | 14·5 | 14·3 | 15·1 | 8 | 7 | 6 | SSW | 2 | ENE | 3 | W | 2 | 0·0 | 9·0 |
| 19 | 12·2 | 8·4 | 8·1 | 37·9 | 24·2 | 26·6 | 35·4 | 31·2 | 64 | 31 | 42 | 16·5 | 13·0 | 14·4 | 6 | 4 | 7 | SSE | 3 | WNW | 1 | SSE | 4 | 0·0 | 13·0 |
| 20 | 9·7 | 8·4 | 8·2 | 36·2 | 24·4 | 28·4 | 35·7 | 30·1 | 59 | 29 | 41 | 16·8 | 12·9 | 13·1 | 3 | 7 | 9 | SSW | 4 | WNW | 1 | SW | 6 | 0·0 | 13·0 |
| 21 | 9·8 | 8·6 | 9·6 | 36·3 | 21·9 | 26·4 | 32·4 | 24·6 | 69 | 38 | 65 | 17·5 | 13·6 | 14·9 | 1 | 8 | 7 | SSW | 4 | ENE | 6 | SSW | 5 | 3·1 | 10·0 |
| 22 | 10·7 | 9·2 | 9·8 | 34·8 | 21·6 | 24·9 | 33·6 | 31·4 | 68 | 35 | 33 | 15·8 | 13·6 | 11·4 | 8 | 1 | 1 | SW | 3 | SSW | 2 | S | 4 | 0·0 | 15·0 |
| 23 | 11·3 | 8·8 | 9·7 | 35·7 | 23·9 | 27·4 | 35·4 | 28·9 | 56 | 28 | 50 | 15·3 | 11·9 | 14·7 | 9 | 7 | 3 | SSW | 4 | SW | 3 | SW | 5 | 0·0 | 14·0 |
| 24 | 9·7 | 7·8 | 9·3 | 34·9 | 23·8 | 27·9 | 34·6 | 30·1 | 40 | 34 | 39 | 11·2 | 13·9 | 12·4 | 3 | 6 | 9 | SSW | 3 | SSW | 3 | SW | 5 | 0·0 | 11·0 |
| 25 | 11·1 | 9·1 | 9·5 | 35·4 | 23·3 | 26·4 | 33·9 | 30·1 | 69 | 40 | 41 | 17·7 | 15·7 | 13·1 | 7 | 5 | 7 | SW | 3 | SSW | 3 | S | 5 | 0·0 | 15·0 |
| 26 | 12·2 | 9·4 | 11·0 | 35·9 | 23·8 | 26·7 | 33·4 | 26·7 | 59 | 34 | 53 | 15·2 | 13·2 | 13·6 | 8 | 3 | 4 | SSW | 4 | SW | 2 | S | 4 | 21·7 | 8·0 |
| 27 | 12·3 | 10·9 | 11·3 | 32·7 | 21·1 | 25·4 | 30·6 | 26·7 | 79 | 52 | 69 | 18·8 | 17·0 | 17·9 | 9 | 5 | 9 | W | 1 | SSW | 2 | S | 5 | 0·0 | 8·0 |
| 28 | 11·4 | 7·8 | 7·9 | 36·6 | 21·2 | 24·4 | 34·4 | 30·6 | 72 | 32 | 37 | 16·2 | 13·1 | 11·9 | 1 | 3 | 0 | SSW | 3 | SW | 1 | SW | 1 | 0·0 | 12·0 |
| 29 | 9·7 | 8·7 | 9·1 | 35·3 | 23·6 | 27·6 | 32·6 | 27·7 | 57 | 40 | 55 | 15·7 | 14·6 | 15·1 | 4 | 7 | 2 | SSW | 4 | S | 3 | SSE | 4 | 0·0 | 10·0 |
| 30 | 10·8 | 9·8 | 10·2 | 34·6 | 24·1 | 27·3 | 31·3 | 25·1 | 62 | 43 | 63 | 16·6 | 14·7 | 14·8 | 6 | 9 | 8 | SW | 3 | ESE | 4 | SSE | 5 | 2·7 | 6·0 |
| 31 | 12·4 | 10·4 | 10·9 | 35·6 | 21·8 | 25·6 | 34·3 | 29·6 | 60 | 28 | 40 | 14·6 | 11·4 | 12·5 | 4 | 7 | 4 | SW | 2 | SSW | 1 | SW | 3 | 0·0 | 11·0 |
| Month | 11·11 | 9·18 | 9·49 | 35·8 | 22·7 | 26·5 | 33·9 | 29·1 | 59 | 32 | 46 | 15·1 | 12·5 | 13·5 | 4·6 | 5·1 | 3·7 | — | 3·2 | — | 2·6 | — | 3·9 | 38·8 | 12·00 |

**Remarks:**—2 Haboob ●° 19h.—5 Haboob 8h30–16h30.—6 Haboob 8h30–15h30.—8 Haboob 18h30.—10 Haboob ●° 13h30.—12 Haboob < 19h30.—13 ● *p*.—15 Haboob 5h–7h.—20 Haboob 19h30.—21 Haboob ● T 13h30–17h.—24 Haboob T 15h–16h30.—26 Haboob T ● 16h–19h30.—29 T *p*.—30 ● T *p*.

$C_h$ = + 49 mm.

## August 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12·1 | 8·5 | 10·1 | 35·3 | 24·1 | 28·6 | 31·6 | 26·8 | 52 | 43 | 60 | 14·9 | 14·8 | 15·6 | 7 | 8 | 9 | SW | 3 | S | 4 | SSE | 4 | Drops | 11·0 |
| 2 | 11·2 | 8·6 | 8·9 | 36·8 | 23·4 | 27·1 | 33·9 | 30·2 | 64 | 38 | 45 | 16·9 | 14·7 | 14·3 | 5 | 4 | 1 | SSE | 4 | ENE | 2 | S | 5 | 0·0 | 13·0 |
| 3 | 11·3 | 7·8 | 8·9 | 36·4 | 22·1 | 26·9 | 35·6 | 28·6 | 59 | 32 | 49 | 15·4 | 13·9 | 14·0 | 0 | 4 | 2 | SW | 4 | W | 1 | WNW | 6 | 0·0 | 12·0 |
| 4 | 10·9 | 9·3 | 9·8 | 34·1 | 23·3 | 26·1 | 32·7 | 29·8 | 66 | 39 | 41 | 16·4 | 14·4 | 12·9 | 7 | 6 | 3 | SW | 3 | SSE | 4 | S | 4 | Drops | 12·0 |
| 5 | 12·4 | 9·5 | 10·4 | 33·2 | 21·8 | 24·6 | 30·7 | 27·4 | 66 | 45 | 56 | 15·2 | 14·8 | 15·3 | 5 | 6 | 3 | SSE | 4 | SE | 3 | WNW | 4 | 1·2 | 8·0 |
| 6 | 12·3 | 9·2 | 10·1 | 35·3 | 22·1 | 25·6 | 33·8 | 29·7 | 65 | 35 | 46 | 15·8 | 13·8 | 14·2 | 2 | 5 | 4 | SSW | 3 | ENE | 2 | SW | 3 | 0·9 | 8·0 |
| 7 | 11·3 | 8·5 | 9·5 | 35·6 | 22·1 | 27·2 | 33·6 | 29·2 | 56 | 34 | 46 | 14·9 | 13·2 | 14·0 | 3 | 7 | 9 | SW | 4 | SW | 2 | S | 7 | 4·1 | 10·0 |
| 8 | 10·7 | 8·2 | 11·1 | 34·3 | 22·1 | 26·2 | 33·6 | 23·4 | 55 | 36 | 78 | 13·7 | 14·0 | 16·5 | 8 | 6 | 10 | SSE | 4 | W | 2 | SW | 5 | 16·2 | 6·0 |
| 9 | 10·0 | 8·3 | 9·3 | 32·6 | 19·4 | 24·1 | 31·3 | 28·6 | 74 | 42 | 51 | 16·4 | 14·1 | 14·5 | 8 | 7 | 8 | SW | 2 | SW | 2 | SSE | 4 | 0·0 | 9·0 |
| 10 | 11·4 | 8·3 | 9·6 | 34·7 | 22·8 | 25·6 | 32·6 | 27·9 | 65 | 36 | 55 | 15·8 | 13·3 | 15·3 | 6 | 5 | 7 | SW | 4 | SW | 1 | ESE | 3 | 0·0 | 10·0 |
| 11 | 11·7 | 9·5 | 11·0 | 34·6 | 22·7 | 26·4 | 32·6 | 29·1 | 61 | 37 | 51 | 15·3 | 13·5 | 15·1 | 7 | 3 | 4 | SSE | 3 | SW | 1 | SSW | 2 | 0·0 | 8·0 |
| 12 | 11·7 | 8·7 | 10·6 | 36·1 | 23·8 | 27·1 | 33·6 | 24·7 | 58 | 33 | 79 | 15·5 | 12·9 | 18·2 | 1 | 7 | 10 | SW | 4 | ESE | 2 | SSE | 4 | 26·6 | 5·0 |
| 13 | 11·1 | 9·4 | 10·3 | 32·7 | 18·6 | 25·6 | 30·3 | 26·2 | 71 | 53 | 68 | 17·3 | 17·1 | 17·2 | 8 | 6 | 5 | SW | 3 | WNW | 1 | SW | 4 | 0·0 | 7·0 |
| 14 | 11·4 | 8·4 | 9·0 | 34·2 | 23·3 | 26·1 | 32·7 | 28·1 | 66 | 39 | 48 | 16·4 | 14·4 | 13·4 | 7 | 6 | 7 | SW | 4 | W | 3 | SW | 5 | 39·1 | 5·0 |
| 15 | 12·5 | 9·9 | 9·6 | 26·7 | 18·2 | 21·8 | 23·3 | 23·2 | 77 | 79 | 82 | 15·0 | 16·7 | 17·3 | 10 | 9 | 4 | SSE | 5 | SE | 1 | ENE | 4 | 9·2 | 3·0 |
| 16 | 11·7 | 9·7 | 10·2 | 31·4 | 18·6 | 23·6 | 29·7 | 25·2 | 75 | 46 | 68 | 16·2 | 14·2 | 16·1 | 3 | 6 | 8 | SSE | 3 | SW | 2 | ENE | 3 | 1·8 | 4·0 |
| 17 | 12·2 | 9·0 | 11·3 | 34·2 | 19·7 | 24·2 | 29·8 | 27·7 | 75 | 48 | 58 | 16·7 | 15·0 | 16·0 | 5 | 4 | 8 | ESE | 4 | SW | 3 | ESE | 2 | 7·3 | 5·0 |
| 18 | 12·8 | 9·8 | 11·1 | 33·2 | 18·6 | — | 30·1 | 25·1 | — | 47 | 72 | — | 14·8 | 17·0 | 10 | 6 | 2 | SSE | 6 | NNW | 1 | SW | 3 | 0·0 | 4·0 |
| 19 | 11·4 | 8·7 | 9·3 | 35·4 | 18·9 | 25·7 | 34·4 | 29·6 | 69 | 35 | 54 | 16·8 | 14·0 | 16·6 | 4 | 5 | 1 | S | 2 | WNW | 1 | S | 3 | 0·0 | 7·0 |
| 20 | 10·5 | 7·4 | 7·4 | 35·3 | 22·2 | 26·1 | 34·3 | 29·4 | 63 | 35 | 49 | 15·7 | 13·7 | 14·9 | 5 | 4 | 3 | SW | 4 | WNW | 2 | SW | 1 | 0·0 | 8·0 |
| 21 | 10·4 | 8·6 | 9·1 | 31·4 | 22·3 | 25·2 | 30·1 | 26·8 | 66 | 48 | 60 | 15·7 | 15·0 | 15·6 | 8 | 9 | 10 | S | 4 | SSW | 5 | SW | 6 | 0·0 | 7·0 |
| 22 | 10·9 | 9·4 | 10·3 | 32·3 | 22·7 | 25·3 | 31·9 | 27·8 | 68 | 39 | 56 | 16·2 | 13·7 | 15·4 | 7 | 4 | 3 | S | 4 | SW | 1 | SW | 4 | 0·0 | 6·0 |
| 23 | 10·6 | 8·8 | 9·7 | 34·7 | 23·2 | 27·3 | 33·7 | 27·7 | 58 | 38 | 57 | 15·7 | 14·5 | 15·6 | 3 | 6 | 4 | S | 3 | ESE | 1 | SW | 4 | 0·0 | 7·0 |
| 24 | 10·7 | 8·3 | 8·9 | 35·7 | 22·1 | 25·6 | 34·2 | 28·3 | 63 | 33 | 44 | 15·3 | 13·2 | 12·7 | 2 | 4 | 6 | SW. | 2 | SSE | 1 | SSE | 5 | 0·0 | 7·0 |
| 25 | 11·3 | 9·1 | 9·5 | 35·4 | 22·6 | 26·1 | 33·6 | 30·1 | 62 | 34 | 46 | 15·5 | 13·2 | 14·5 | 6 | 5 | 3 | SW | 4 | SW | 2 | S | 2 | 0·0 | 8·0 |
| 26 | 13·1 | 10·5 | 10·5 | 35·7 | 23·9 | 28·2 | 34·7 | 30·7 | 57 | 34 | 44 | 16·2 | 13·9 | 14·5 | 3 | 4 | 2 | SW | 4 | SSW | 2 | SW | 3 | 0·0 | 8·0 |
| 27 | 11·6 | 10·2 | 10·7 | 28·1 | 24·6 | 26·9 | 24·6 | 24·7 | 65 | 63 | 68 | 17·0 | 14·4 | 15·7 | 6 | 10 | 4 | SSW | 4 | SW | 5 | SW | 3 | 12·8 | 2·0 |
| 28 | 18·6 | 10·1 | 10·9 | 27·7 | 18·4 | 23·3 | 26·6 | 25·6 | 83 | 66 | 71 | 17·6 | 17·0 | 17·3 | 8 | 5 | 7 | NNE | 4 | SSW | 3 | ESE | 4 | Drops | 3·0 |
| 29 | 11·2 | 9·8 | 10·0 | 32·2 | 20·7 | 24·9 | 30·7 | 27·8 | 70 | 44 | 46 | 16·4 | 14·5 | 12·8 | 8 | 3 | 2 | SW | 3 | WNW | 2 | WNW | 2 | Drops | 5·0 |
| 30 | 10·9 | 8·6 | 10·2 | 34·4 | 21·6 | 26·6 | 33·4 | 27·6 | 60 | 38 | 58 | 15·4 | 14·3 | 16·0 | 3 | 1 | 3 | ESE | 4 | NNW | 2 | SSW | 3 | 0·0 | 8·0 |
| 31 | 11·2 | 8·5 | 8·4 | 37·1 | 22·9 | 28·2 | 35·7 | 30·2 | 55 | 31 | 47 | 15·7 | 13·2 | 15·0 | 3 | 2 | 1 | WNW | 4 | Calm | 0 | Calm | 0 | 0·0 | 9·0 |
| Month | 11·49 | 8·97 | 9·86 | 33·8 | 21·7 | 25·9 | 31·9 | 27·7 | 65 | 42 | 57 | 15·9 | 14·3 | 15·3 | 5·4 | 5·4 | 4·9 | — | 3·6 | — | 2·1 | — | 3·6 | 119·2 | 7·26 |

**Remarks:**—1 ●° *p*.—3 Haboob 18h30.—5 ●° *m*, T ● *p*.—6 ● 17h30.—7 ⚳ ● *p*. & 21h.—8 T haboob ● 18h.—12 Haboob ● 15h–18h.—15 ● 4h–14h.—16 Haboob T ●° 15h.—17 ● 20h30.—18 ● 6h, haboob 7h30–9h.—21 Haboob < 19h–20h30.—23 < 19h.—24 ⚳ 18h30.—27 ● 9h–16h, ⚳ haboob 9h–11h30.—28 T ●° 10h.—29 ●° 9h.

# EL OBEID.

$\varphi$ = 13° 11′ N. $\lambda$ = 30° 14′ E. H = 585·0 m. $h_t$ = 1·5 m. $h_r$ = 1·2 m.

$C_h$ = + 49 mm.

## September 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10·6 | 9·7 | 10·5 | 36·3 | 22·3 | 26·9 | 35·4 | 26·2 | 54 | 29 | 52 | 14·2 | 12·1 | 13·1 | 2 | 1 | 3 | SSW | 3 | NNW | 1 | SW | 5 | 0·0 | 8·0 |
| 2 | 11·1 | 8·5 | 9·5 | 32·9 | 22·4 | 27·1 | 31·8 | 28·2 | 50 | 35 | 49 | 13·2 | 12·4 | 13·9 | 8 | 3 | 1 | WNW | 4 | SW | 3 | WNW | 4 | 0·0 | 7·0 |
| 3 | 10·3 | 7·4 | 8·1 | 37·4 | 23·4 | 28·3 | 36·6 | 31·6 | 54 | 30 | 36 | 15·2 | 13·6 | 12·3 | 0 | 1 | 4 | NW | 2 | SW | 1 | S | 3 | 1·9 | 9·0 |
| 4 | 11·2 | 8·7 | 9·4 | 36·1 | 20·7 | 27·2 | 34·9 | 27·2 | 53 | 30 | 54 | 14·2 | 12·8 | 14·5 | 7 | 3 | 9 | SW | 4 | NW | 2 | SSE | 6 | Drops | 9·0 |
| 5 | 11·4 | 8·9 | 9·3 | 33·4 | 21·9 | 26·1 | 32·3 | 29·6 | 57 | 40 | 48 | 14·2 | 14·4 | 14·6 | 3 | 7 | 0 | SW | 4 | SSW | 3 | SSE | 4 | 0·0 | 8·0 |
| 6 | 10·4 | 9·0 | 11·0 | 30·3 | 23·2 | 27·6 | 24·1 | 23·4 | 65 | 79 | 73 | 17·7 | 17·7 | 15·7 | 4 | 7 | 4 | S | 4 | SW | 5 | ESE | 4 | 16·1 | 3·0 |
| 7 | 10·1 | 8·3 | 9·6 | 33·4 | 19·1 | 23·4 | 32·2 | 27·4 | 73 | 39 | 57 | 15·7 | 13·9 | 15·6 | 1 | 2 | 0 | W | 2 | SE | 1 | S | 4 | 0·0 | 5·0 |
| 8 | 11·0 | 8·7 | 9·3 | 34·6 | 21·4 | 25·1 | 33·6 | 29·1 | 67 | 38 | 53 | 15·8 | 14·5 | 15·8 | 8 | 4 | 3 | SW | 3 | S | 1 | SW | 2 | 0·0 | 6·0 |
| 9 | 11·4 | 8·7 | 10·4 | 31·3 | 22·6 | 25·6 | 27·1 | 25·8 | 65 | 64 | 68 | 15·8 | 17·1 | 16·8 | 7 | 9 | 8 | WNW | 4 | SE | 5 | SW | 4 | 0·0 | 4·0 |
| 10 | 11·5 | 8·5 | 8·6 | 35·1 | 20·9 | 25·8 | 33·7 | 29·1 | 65 | 35 | 53 | 15·9 | 13·5 | 15·6 | 4 | 3 | 2 | SW | 2 | SE | 1 | SW | 2 | 0·0 | 6·0 |
| 11 | 9·7 | 9·0 | 9·0 | 34·4 | 21·6 | 26·2 | 32·6 | 28·7 | 62 | 41 | 52 | 15·7 | 15·2 | 15·0 | 3 | 8 | 2 | WNW | 2 | SSE | 1 | ESE | 2 | 0·0 | 5·0 |
| 12 | 10·9 | 8·7 | 9·6 | 34·8 | 21·1 | 26·1 | 33·6 | 27·4 | 59 | 34 | 59 | 14·7 | 13·1 | 16·1 | 4 | 6 | 4 | WNW | 4 | SE | 2 | SSW | 3 | Drops | 8·0 |
| 13 | 9·9 | 7·9 | 8·5 | 36·9 | 21·4 | 27·7 | 35·7 | 29·2 | 48 | 33 | 45 | 13·3 | 14·4 | 13·6 | 3 | 2 | 8 | SW | 4 | ESE | 1 | SE | 5 | Drops | 9·0 |
| 14 | 10·2 | 8·3 | 9·0 | 37·1 | 23·1 | 27·6 | 36·4 | 28·7 | 57 | 28 | 43 | 15·7 | 12·8 | 12·4 | 7 | 4 | 5 | W | 3 | WNW | 1 | S | 4 | 0·0 | 8·0 |
| 15 | 10·5 | 8·6 | 10·4 | 35·3 | 22·3 | 27·8 | 34·6 | 26·7 | 54 | 35 | 54 | 14·8 | 14·1 | 13·8 | 6 | 7 | 6 | SSW | 4 | SW | 2 | NNE | 5 | 0·0 | 7·0 |
| 16 | 10·1 | 8·0 | 9·4 | 35·8 | 21·3 | 28·3 | 34·7 | 28·6 | 58 | 36 | 43 | 16·3 | 14·8 | 12·3 | 5 | 6 | 7 | SW | 3 | SSE | 1 | WNW | 4 | 0·0 | 8·0 |
| 17 | 11·2 | 8·6 | 9·4 | 35·9 | 22·1 | 26·6 | 22·4 | 22·7 | 51 | 78 | 72 | 13·2 | 15·7 | 14·7 | 5 | 10 | 8 | SW | 2 | SW | 5 | SSE | 5 | 16·3 | 5·0 |
| 18 | 11·6 | 8·6 | 9·1 | 33·2 | 18·8 | 21·1 | 32·4 | 26·7 | 82 | 32 | 56 | 15·2 | 11·7 | 14·5 | 9 | 4 | 3 | WNW | 4 | SW | 2 | SSE | 3 | Drops | 5·0 |
| 19 | 10·6 | 8·4 | 9·8 | 36·1 | 20·8 | 26·8 | 35·3 | 25·3 | 62 | 29 | 67 | 16·2 | 12·2 | 16·0 | 4 | 6 | 4 | SSE | 3 | NNW | 1 | SW | 5 | 0·0 | 5·0 |
| 20 | 11·7 | 8·1 | 9·1 | 37·3 | 20·3 | 25·4 | 35·6 | 29·9 | 66 | 32 | 47 | 16·0 | 13·9 | 14·6 | 1 | 2 | 1 | SW | 2 | NNW | 1 | S | 4 | 0·0 | 7·0 |
| 21 | 9·9 | 7·4 | 8·4 | 38·4 | 22·1 | 28·6 | 35·6 | 29·9 | 56 | 33 | 51 | 16·1 | 14·3 | 15·9 | 1 | 3 | 4 | SW | 3 | Calm | 0 | ESE | 5 | Drops | 8·0 |
| 22 | 10·1 | 6·5 | 8·1 | 38·1 | 22·7 | 29·3 | 35·8 | 26·8 | 51 | 33 | 61 | 15·5 | 14·3 | 16·0 | 1 | 8 | 7 | SW | 2 | SSE | 4 | SW | 3 | 0·0 | 7·0 |
| 23 | 10·4 | 7·0 | 8·5 | 38·1 | 22·1 | 25·4 | 37·4 | 24·8 | 67 | 29 | 64 | 16·1 | 13·7 | 15·0 | 6 | 3 | 7 | SW | 3 | Calm | 0 | SW | 5 | 10.6 | 7·0 |
| 24 | 10·4 | 8·8 | 9·7 | 32.7 | 18·7 | 22·7 | 30·4 | 27·3 | 79 | 46 | 58 | 16·2 | 14·8 | 15·7 | 9 | 7 | 1 | WNW | 4 | N | 1 | SE | 2 | 0·0 | 4·0 |
| 25 | 10·3 | 8·2 | 9·3 | 36·3 | 21·7 | 27·6 | 35·1 | 28·7 | 55 | 30 | 51 | 15·0 | 12·3 | 14·8 | 0 | 4 | 7 | ESE | 2 | ESE | 1 | SE | 3 | 11·8 | 6·0 |
| 26 | 10·4 | 7·5 | 9·2 | 36·1 | 20·3 | 26·3 | 34·4 | 26·2 | 58 | 32 | 60 | 14·5 | 13·1 | 15·1 | 2 | 3 | 4 | WNW | 3 | Calm | 0 | W | 5 | 0·0 | 5·0 |
| 27 | 9·3 | 7·0 | 8·0 | 36·9 | 21·4 | 27·6 | 36·1 | 29·7 | 55 | 30 | 52 | 15·0 | 13·2 | 16·0 | 3 | 1 | 2 | SW | 3 | WNW | 1 | SW | 2 | 0·0 | 7·0 |
| 28 | 8·9 | 7·1 | 7·9 | 38·1 | 22·4 | 26·4 | 37·2 | 29·9 | 55 | 26 | 51 | 15·5 | 12·5 | 16·1 | 0 | 2 | 4 | WNW | 2 | Calm | 0 | SW | 2 | 0·0 | 8·0 |
| 29 | 9·3 | 6·3 | 7·2 | 38·8 | 21·3 | 27·7 | 37·4 | 29·8 | 52 | 30 | 52 | 14·2 | 14·3 | 16·1 | 0 | 3 | 1 | WNW | 3 | Calm | 0 | W | 1 | 0·0 | 10·0 |
| 30 | 9·4 | 5·4 | 6·8 | 39·1 | 21·3 | 26·6 | 37·8 | 31·8 | 58 | 32 | 37 | 14·9 | 15·4 | 13·1 | 3 | 4 | 2 | WNW | 2 | Calm | 0 | SW | 4 | 0·0 | 11·0 |
| Month | 10·46 | 8·06 | 9·07 | 35·7 | 21·5 | 26·6 | 33·7 | 27·9 | 60 | 37 | 54 | 15·2 | 13·9 | 14·8 | 3·9 | 4·4 | 4·0 | — | 3·0 | — | 1·6 | — | 3·7 | 56·7 | 6·83 |

**Remarks**:—1 Haboob $17^{h}$–$19^{h}$.—3 ☈ ● $22^{h}$.—4 Haboob < ●° *p*.—6 Haboob ☈ ● *a*.—12 Haboob ●° $18^{30}$–$19^{30}$.—13 Haboob ●° $19^{30}$.—15 Haboob $17^{h}$–$19^{h}$.—17 Haboob, ● $13^{30}$–$15^{h}$.—18 ●° $8^{15}$–$8^{30}$.—19 Haboob $16^{h}$–$17^{30}$.—21 ●° ⌒ $17^{h}$.—22 Haboob ☈ $15^{h}$, $20^{30}$.—23 Haboob ☈ $18^{30}$, ● $19^{h}$–$22^{h}$.—25 Haboob ☈ ● $20^{30}$.—26 T $17^{h}$–$18^{30}$.

$C_h$ = + 48 mm.

## October 1913.

| Date | Standard Pressure (mm.) 700 + 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind 8 h. Direct. | Force | Wind 14 h. Direct. | Force | Wind 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8·3 | 5·5 | 8·3 | 38·2 | 23·9 | 28·7 | 37·1 | 27·9 | 55 | 33 | 60 | 16·1 | 15·5 | 16·6 | 0 | 6 | 8 | SW | 3 | ENE | 1 | ENE | 5 | 3·4 | 8·0 |
| 2 | 10·7 | 9·7 | 10·4 | 33·1 | 22·4 | 25·3 | 31·7 | 27·2 | 69 | 40 | 57 | 16·4 | 13·9 | 15·4 | 7 | 8 | 3 | NNE | 4 | WNW | 3 | SW | 4 | 0·0 | 6·0 |
| 3 | 11·0 | 8·7 | 9·4 | 36·3 | 20·8 | 25·1 | 35·3 | 28·6 | 65 | 33 | 49 | 15·3 | 13·9 | 14·0 | 7 | 4 | 0 | SW | 4 | SW | 1 | SW | 3 | 0·0 | 7·0 |
| 4 | 10·1 | 7·8 | 9·1 | 37·1 | 21·9 | 28·4 | 31·3 | 27·8 | 59 | 51 | 56 | 17·0 | 17·5 | 15·6 | 0 | 7 | 4 | SW | 2 | SW | 2 | SW | 3 | 3·8 | 7·0 |
| 5 | 10·2 | 7·7 | 8·9 | 36·4 | 22·4 | 27·2 | 35·7 | 29·6 | 57 | 33 | 46 | 15·4 | 14·2 | 14·3 | 6 | 7 | 2 | SW | 4 | WNW | 1 | SW | 3 | 0·0 | 8·0 |
| 6 | 9·9 | 6·5 | 7·8 | 37·4 | 21·8 | 27·6 | 36·1 | 29·3 | 55 | 30 | 46 | 15·0 | 13·2 | 14·1 | 6 | 3 | 3 | SW | 4 | NNW | 2 | SW | 4 | 0·0 | 10·0 |
| 7 | 10·1 | 6·4 | 8·0 | 37·3 | 23·2 | 27·7 | 36·1 | 29·7 | 58 | 32 | 49 | 15·8 | 14·3 | 15·1 | 7 | 6 | 8 | SW | 4 | ENE | 2 | SSE | 4 | 36·9 | 7·0 |
| 8 | 10·0 | 8·6 | 8·8 | 30·2 | 17·6 | 21·2 | 28·6 | 26·9 | 86 | 57 | 63 | 16·0 | 16·3 | 16·5 | 9 | 8 | 6 | WNW | 5 | SSW | 3 | SW | 4 | 0·0 | 5·0 |
| 9 | 9·8 | 8·0 | 9·0 | 35·6 | 20·4 | 25·6 | 34·4 | 28·4 | 70 | 31 | 55 | 17·1 | 12·4 | 15·5 | 2 | 2 | 3 | WNW | 4 | NNE | 1 | SSE | 3 | 0·0 | 7·0 |
| 10 | 9·6 | 8·2 | 9·2 | 34·1 | 22·8 | 26·1 | 32·7 | 25·4 | 64 | 41 | 67 | 16·1 | 15·1 | 16·1 | 8 | 4 | 7 | ENE | 5 | WNW | 2 | SW | 3 | 20·1 | 5·0 |
| 11 | 10·3 | 7·8 | 9·0 | 36·4 | 20·7 | 25·6 | 34·9 | 28·6 | 69 | 32 | 53 | 16·7 | 13·2 | 15·4 | 4 | 2 | 0 | WNW | 3 | NNW | 1 | NNE | 2 | 0·0 | 7·0 |
| 12 | 10·0 | 7·2 | 8·4 | 37·8 | 20·9 | 26·6 | 36·7 | 28·9 | 64 | 31 | 41 | 16·3 | 14·1 | 12·1 | 1 | 3 | 4 | SW | 4 | SW | 1 | SSE | 5 | 0·0 | 9·0 |
| 13 | 10·4 | 8·4 | 9·1 | 36·6 | 22·4 | 28·3 | 35·1 | 29·1 | 45 | 34 | 42 | 12·8 | 14·2 | 12·5 | 3 | 7 | 4 | SW | 4 | SW | 1 | SSE | 4 | 0·0 | 9·0 |
| 14 | 11·3 | 8·2 | 9·1 | 36·7 | 21·7 | 26·4 | 35·8 | 29·2 | 65 | 28 | 39 | 16·4 | 12·3 | 11·9 | 4 | 5 | 7 | SW | 4 | SW | 1 | SSE | 4 | 0·0 | 7·0 |
| 15 | 10·6 | 8·4 | 9·5 | 37·2 | 20·9 | 26·6 | 36·4 | 27·6 | 37 | 8 | 45 | 9·5 | 3·6 | 12·6 | 0 | 1 | 1 | WNW | 3 | NNE | 1 | NNE | 4 | 0·0 | 11·0 |
| 16 | 11·5 | 8·9 | 9·9 | 37·8 | 19·4 | 27·6 | 36·7 | 29·2 | 30 | 12 | 49 | 8·1 | 5·6 | 14·7 | 2 | 3 | 6 | N | 4 | NNW | 2 | NNE | 3 | 0·0 | 9·0 |
| 17 | 12·4 | 9·6 | 10·1 | 37·1 | 19·7 | 26·8 | 36·1 | 27·6 | 45 | 14 | 38 | 11·7 | 6·2 | 10·6 | 1 | 0 | 1 | ENE | 2 | NNE | 2 | NNE | 3 | 0·0 | 15·0 |
| 18 | 10·7 | 7·9 | 9·2 | 38·4 | 19·1 | 26·3 | 37·4 | 29·2 | 24 | 15 | 38 | 6·0 | 7·0 | 11·4 | 2 | 2 | 7 | NW | 3 | ENE | 1 | NNE | 2 | 0·0 | 14·0 |
| 19 | 10·4 | 6·7 | 8·2 | 39·4 | 20·8 | 28·7 | 38·6 | 31·1 | 18 | 13 | 28 | 5·2 | 6·5 | 9·3 | 2 | 4 | 1 | NE | 3 | NE | 2 | NNE | 4 | 0·0 | 16·0 |
| 20 | 10·2 | 7·5 | 8·6 | 38·4 | 23·1 | 29·4 | 37·7 | 29·3 | 19 | 12 | 31 | 5·9 | 5·6 | 9·4 | 5 | 1 | 1 | NNW | 2 | ENE | 1 | NW | 2 | 0·0 | 14·0 |
| 21 | 10·8 | 8·1 | 8·8 | 38·2 | 20·1 | 30·2 | 36·6 | 28·9 | 14 | 10 | 25 | 4·4 | 4·5 | 7·4 | 2 | 3 | 0 | NNE | 3 | NNE | 1 | ENE | 2 | 0·0 | 13·0 |
| 22 | 11·2 | 7·8 | 8·6 | 38·4 | 20·9 | 29·4 | 37·7 | 29·1 | 21 | 11 | 23 | 6·5 | 5·4 | 6·9 | 0 | 2 | 0 | NNE | 2 | NNE | 1 | NE | 3 | Drops | 18·0 |
| 23 | 10·2 | 7·2 | 8·1 | 39·7 | 23·2 | 32·4 | 38·3 | 31·1 | 23 | 14 | 26 | 8·5 | 7·2 | 8·8 | 3 | 4 | 2 | NNE | 3 | NE | 2 | ENE | 3 | 0·0 | 17·0 |
| 24 | 10·3 | 7·3 | 8·3 | 38·8 | 24·3 | 30·3 | 37·7 | 29·7 | 25 | 13 | 25 | 8·1 | 6·2 | 7·7 | 2 | 3 | 1 | NNE | 4 | ENE | 2 | NE | 3 | 0·0 | 18·0 |
| 25 | 10·8 | 8·7 | 9·8 | 37·4 | 22·4 | 29·2 | 36·6 | 28·9 | 21 | 15 | 25 | 6·4 | 7·0 | 7·3 | 2 | 1 | 0 | ENE | 4 | NE | 1 | ENE | 4 | 0·0 | 20·0 |
| 26 | 11·2 | 9·1 | 10·1 | 35·8 | 18·3 | 26·3 | 35·1 | 27·3 | 22 | 14 | 16 | 5·4 | 5·9 | 4·4 | 3 | 4 | 1 | NNE | 5 | ENE | 4 | NE | 4 | 0·0 | 21·0 |
| 27 | 12·3 | 9·9 | 11·1 | 34·1 | 18·3 | 24·9 | 33·6 | 25·1 | 16 | 10 | 18 | 3·8 | 3·7 | 4·2 | 3 | 4 | 0 | NNE | 5 | ENE | 4 | N | 4 | 0·0 | 21·0 |
| 28 | 12·5 | 10·2 | 11·5 | 33·8 | 15·6 | 23·6 | 32·6 | 24·1 | 15 | 6 | 16 | 3·2 | 2·2 | 3·5 | 0 | 0 | 0 | N | 5 | NNE | 4 | N | 5 | 0·0 | 19·0 |
| 29 | 13·0 | 10·8 | 12·1 | 33·4 | 15·1 | 23·1 | 32·2 | 24·4 | 12 | 6 | 14 | 2·6 | 2·0 | 3·1 | 1 | 2 | 6 | N | 5 | N | 4 | NNE | 5 | 0·0 | 19·0 |
| 30 | 13·1 | 10·6 | 11·3 | 31·3 | 14·1 | 22·3 | 30·4 | 22·6 | 9 | 3 | 14 | 1·8 | 0·9 | 2·9 | 0 | 0 | 0 | NNW | 5 | NNE | 5 | NE | 4 | 0·0 | 19·0 |
| 31 | 12·3 | 9·8 | 11·0 | 31·1 | 13·4 | 21·8 | 29·7 | 22·7 | 15 | 8 | 24 | 3·0 | 2·4 | 4·9 | 0 | 0 | 0 | NNW | 5 | NNW | 3 | NE | 4 | 0·0 | 15·0 |
| Month | 10·81 | 8·30 | 9·38 | 36·2 | 20·4 | 26·7 | 35·0 | 27·9 | 40 | 22 | 38 | 10·4 | 9·1 | 10·8 | 3·0 | 3·4 | 2·6 | — | 3·8 | — | 2·0 | — | 3·5 | 64·2 | 12·61 |

**Remarks**:—1 ☈ ● $16^{h}$–$18^{h}$.—4 ● $13^{30}$–$14^{h}$.—8 ☈ ● $4^{30}$–$8^{h}$.—10 T ● $8^{h}$–$9^{30}$.—12 Haboob $18^{h}$–$19^{30}$.—23 ●° $7^{h}$–$7^{30}$.

# EL OBEID.

$\varphi = 13° 11' N.$ $\lambda = 30° 14' E.$ $H = 585·0$ m. $h_t = 1·5$ m. $h_r = 1·2$ m.

$C_h = +50$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12·4 | 10·1 | 11·2 | 32·3 | 13·7 | 22·2 | 31·6 | 23·7 | 20 | 9 | 14 | 3·9 | 3·0 | 3·0 | 0 | 0 | 0 | NNW | 5 | NW | 4 | NE | 4 | 0·0 | 15·0 |
| 2 | 12·8 | 10·4 | 11·7 | 31·6 | 13·4 | 21·3 | 30·7 | 23.9 | 18 | 9 | 15 | 3·4 | 2·8 | 3·4 | 0 | 0 | 0 | NW | 5 | NNW | 4 | NE | 4 | 0·0 | 17·0 |
| 3 | 12·8 | 10·4 | 11·5 | 32·2 | 14·4 | 21·6 | 31·4 | 22·6 | 19 | 6 | 18 | 3·6 | 2·1 | 3·8 | 0 | 0 | 0 | NNW | 5 | NNW | 4 | NE | 3 | 0·0 | 16·0 |
| 4 | 12·8 | 10·4 | 11·6 | 31·7 | 13·9 | 21·4 | 30·7 | 23·1 | 16 | 8 | 12 | 3·1 | 2·7 | 2·6 | 0 | 0 | 0 | NNW | 5 | NNE | 4 | NNE | 4 | 0·0 | 18·0 |
| 5 | 13·1 | 10·6 | 12·0 | 30·7 | 14·1 | 21·2 | 30·2 | 22·2 | 16 | 6 | 12 | 3·1 | 1·9 | 2·4 | 0 | 2 | 0 | NNW | 5 | NW | 4 | NW | 4 | 0·0 | 19·0 |
| 6 | 18·9 | 11·1 | 12·9 | 30·1 | 12·8 | 21·1 | 29·1 | 20·9 | 20 | 9 | 26 | 3·8 | 2·8 | 4·7 | 2 | 3 | 0 | N | 5 | NNE | 4 | NE | 4 | 0·0 | 14·0 |
| 7 | 13·8 | 11·3 | 12·2 | 30·2 | 11·6 | 20·3 | 29·3 | 21·2 | 17 | 10 | 18 | 3·1 | 3·1 | 3·5 | 0 | 0 | 0 | NNW | 5 | NE | 4 | NNW | 4 | 0·0 | 14·0 |
| 8 | 13·2 | 10·3 | 11·6 | 30·6 | 11·6 | 20·3 | 29·6 | 21·2 | 23 | 12 | 24 | 4·0 | 3·6 | 4·5 | 0 | 0 | 0 | NNW | 5 | NE | 4 | N | 3 | 0·0 | 13·0 |
| 9 | 12·7 | 9·9 | 10·7 | 32·7 | 13·3 | 21·6 | 32·1 | 22·8 | 22 | 18 | 24 | 4·3 | 6·6 | 4·9 | 0 | 0 | 0 | NNW | 4 | NNE | 2 | NE | 3 | 0·0 | 16·0 |
| 10 | 12·4 | 8·4 | 10·5 | 32·9 | 15·3 | 22·1 | 32·2 | 23·7 | 30 | 22 | 37 | 5·9 | 7·9 | 8·3 | 0 | 0 | 0 | NNE | 4 | NE | 2 | NNW | 4 | 0·0 | 18·0 |
| 11 | 11·7 | 9.2 | 10·5 | 32·8 | 15·8 | 22·1 | 31·7 | 24·3 | 41 | 10 | 14 | 8·0 | 3·6 | 3·1 | 0 | 0 | 0 | NNW | 5 | NE | 3 | NNW | 4 | 0·0 | 19·0 |
| 12 | 11·6 | 9·2 | 10·6 | 32·8 | 15·4 | 21·3 | 32·1 | 24·8 | 20 | 14 | 18 | 3·8 | 5·0 | 4·3 | 2 | 3 | 1 | NNW | 5 | NW | 4 | NNW | 4 | 0·0 | 20·0 |
| 13 | 11·7 | 9·4 | 10·7 | 32·1 | 15·3 | 21·6 | 31·7 | 24·1 | 22 | 10 | 24 | 4·3 | 3·4 | 5·4 | 5 | 2 | 7 | NW | 5 | NE | 3 | NNW | 4 | 0·0 | 15·0 |
| 14 | 11·9 | 9·1 | 10·3 | 33·4 | 15·3 | 21·9 | 32·1 | 23·9 | 23 | 14 | 23 | 4·6 | 5·0 | 5·1 | 5 | 6 | 2 | NNW | 4 | NW | 3 | NNW | 4 | 0·0 | 14·0 |
| 15 | 12·2 | 9·9 | 10·8 | 33·3 | 14·8 | 22·8 | 32·1 | 24·3 | 25 | 15 | 24 | 5·1 | 5·7 | 5·4 | 1 | 4 | 2 | NNW | 4 | NNE | 2 | NNW | 3 | 0·0 | 15·0 |
| 16 | 12·0 | 9·7 | 10·9 | 33·9 | 14·9 | 23·1 | 33·1 | 25·2 | 26 | 9 | 25 | 5·4 | 3·5 | 5·9 | 3 | 6 | 3 | NW | 4 | N | 2 | NNW | 4 | 0·0 | 15·0 |
| 17 | 12·0 | 9·7 | 10·7 | 34·3 | 15·7 | 23·3 | 33·2 | 25·1 | 23 | 13 | 26 | 4·8 | 5·1 | 6·1 | 1 | 0 | 0 | N | 4 | NE | 2 | NW | 4 | 0·0 | 16·0 |
| 18 | 11·8 | 10·1 | 10·6 | 34·4 | 15·1 | 22·2 | 33·4 | 24·7 | 19 | 10 | 19 | 3·8 | 3·9 | 4·5 | 0 | 0 | 0 | NNW | 5 | NE | 2 | NNE | 4 | 0·0 | 16·0 |
| 19 | 12·8 | 8·5 | 10·0 | 34·4 | 14·7 | 21·4 | 33·7 | 25·1 | 22 | 14 | 24 | 4·3 | 5·6 | 5·7 | 1 | 2 | 0 | NNW | 4 | NNE | 2 | NE | 4 | 0·0 | 15.0 |
| 20 | 11·3 | 9·0 | 10·2 | 32·4 | 15·4 | 22·1 | 31·9 | 23·9 | 37 | 15 | 31 | 7·3 | 5·5 | 6·7 | 4 | 7 | 0 | NNW | 5 | NE | 4 | NW | 4 | 0·0 | 14·0 |
| 21 | 12·2 | 9·8 | 11·3 | 32·1 | 15·7 | 20·9 | 31·4 | 23·8 | 28 | 13 | 25 | 5·2 | 4·6 | 5·5 | 0 | 0 | 0 | NW | 5 | NE | 3 | NE | 4 | 0·0 | 18·0 |
| 22 | 12·2 | 9·7 | 11·4 | 31·4 | 15·2 | 20·1 | 30·4 | 24·7 | 26 | 14 | 25 | 4·5 | 4·6 | 5·7 | 0 | 0 | 0 | NW | 5 | NNW | 5 | NE | 4 | 0·0 | 18·0 |
| 23 | 12·2 | 9·4 | 11·1 | 29·7 | 13·8 | 19·3 | 29·1 | 23·1 | 24 | 15 | 20 | 4·0 | 4·5 | 4·1 | 1 | 0 | 0 | NNW | 5 | N | 5 | NE | 5 | 0·0 | 17·0 |
| 24 | 13·1 | 10·6 | 11·8 | 27·6 | 12·2 | 17·8 | 26·6 | 19·7 | 26 | 12 | 15 | 4·0 | 3·0 | 2·6 | 4 | 5 | 0 | NNW | 5 | NE | 4 | NW | 4 | 0·0 | 14·0 |
| 25 | 13·0 | 9·9 | 11·7 | 28·6 | 10·4 | 17·1 | 28·1 | 19·1 | 24 | 8 | 16 | 3·5 | 2·3 | 2·6 | 1 | 3 | 0 | N | 5 | NE | 4 | N | 4 | 0·0 | 13·0 |
| 26 | 12·0 | 9·4 | 10·8 | 29·4 | 10·8 | 17·4 | 28·3 | 21·1 | 21 | 16 | 27 | 3·2 | 4·5 | 5·1 | 1 | 2 | 0 | NW | 5 | NNW | 3 | NE | 4 | 0·0 | 14·0 |
| 27 | 11·8 | 9·0 | 10·2 | 31·2 | 12·3 | 20·1 | 30·2 | 22·3 | 25 | 16 | 26 | 4·4 | 5·3 | 5·3 | 2 | 0 | 0 | N | 4 | NE | 2 | N | 4 | 0·0 | 14·0 |
| 28 | 11·3 | 8·1 | 9·8 | 31·7 | 12·4 | 20·1 | 30·8 | 23·1 | 25 | 13 | 23 | 4·4 | 4·7 | 4·8 | 2 | 1 | 0 | NNW | 4 | NNE | 2 | NE | 4 | 0·0 | 13·0 |
| 29 | 10·6 | 7·8 | 9·5 | 32·7 | 13·7 | 21·1 | 31·9 | 23·8 | 17 | 11 | 23 | 3·1 | 4·0 | 5·0 | 1 | 1 | 0 | NNE | 4 | NE | 2 | NE | 3 | 0·0 | 13·0 |
| 30 | 10·3 | 7·7 | 8·5 | 34·1 | 14·6 | 22·3 | 33·8 | 24·2 | 13 | 8 | 29 | 2·6 | 3·2 | 6·5 | 3 | 6 | 1 | N | 4 | NW | 2 | NE | 2 | 0·0 | 13·0 |
| Month | 12·22 | 9·60 | 10·91 | 31·9 | 13·9 | 21·0 | 31·1 | 23·2 | 23 | 12 | 22 | 4·3 | 4·1 | 4·7 | 1·3 | 1·8 | 0·5 | — | 4·6 | — | 3·2 | — | 3·8 | 0·0 | 15·53 |

**Remarks :**—22 Haboob $13^{30}$–$14^{h}$.—23 Haboob $11^{h}$–$13^{30}$.

$C_h = +50$ mm.

## December 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10·3 | 7·5 | 8·1 | 36·1 | 15·8 | 23·7 | 35·1 | 26·8 | 19 | 14 | 29 | 4·1 | 5·9 | 7·5 | 2 | 3 | 2 | NNE | 3 | NE | 5 | ENE | 2 | 0·0 | 13·0 |
| 2 | 10·3 | 7·8 | 8·6 | 37·9 | 18·2 | 27·1 | 36·6 | 27·4 | 22 | 12 | 24 | 5·9 | 5·4 | 6·4 | 3 | 7 | 1 | NNE | 4 | ENE | 2 | NE | 3 | 0·0 | 15·0 |
| 3 | 10·3 | 7·9 | 9·8 | 37·4 | 18·7 | 25·6 | 36·8 | 28·6 | 22 | 8 | 24 | 5·4 | 3·6 | 6·7 | 3 | 1 | 0 | NNE | 4 | NNE | 2 | ENE | 4 | 0·0 | 20·0 |
| 4 | 12·5 | 9·6 | 11·2 | 32·3 | 16·3 | 19·9 | 31·6 | 25·6 | 21 | 16 | 25 | 3·7 | 5·8 | 6·1 | 4 | 8 | 0 | NNW | 5 | NE | 4 | NE | 4 | 0·0 | 16·0 |
| 5 | 13·4 | 10·8 | 11·7 | 31·2 | 14·8 | 19·8 | 30·7 | 23·7 | 22 | 14 | 23 | 3·7 | 4·7 | 4·9 | 0 | 7 | 0 | NW | 4 | NW | 3 | NE | 4 | 0·0 | 16·0 |
| 6 | 12·7 | 9·8 | 10·9 | 30·9 | 14·3 | 20·2 | 30·1 | 21·8 | 18 | 12 | 18 | 3·1 | 4·1 | 3·5 | 3 | 2 | 1 | NNW | 4 | NW | 3 | NNW | 4 | 0·0 | 17·0 |
| 7 | 12·3 | 10·3 | 11·5 | 28·8 | 12·1 | 18·7 | 28·2 | 20·7 | 10 | 6 | 6 | 1·7 | 1·7 | 1·1 | 2 | 4 | 0 | NNW | 5 | NNE | 4 | N | 5 | 0·0 | 16·0 |
| 8 | 12·5 | 9·9 | 11·3 | 27·4 | 8·6 | 16·4 | 26·4 | 19·8 | 23 | 8 | 17 | 3·2 | 2·0 | 2·9 | 0 | 0 | 0 | NNW | 4 | NNE | 3 | NE | 4 | 0·0 | 10·0 |
| 9 | 11·4 | 8·8 | 10·1 | 30·4 | 9·9 | 18·1 | 29·2 | 21·9 | 15 | 8 | 19 | 2·3 | 2·3 | 3·7 | 0 | 3 | 0 | NE | 4 | NE | 3 | NE | 4 | 0·0 | 11·0 |
| 10 | 11·3 | 8·6 | 10·0 | 30·7 | 11·1 | 18·7 | 29·7 | 22·1 | 8 | 4 | 11 | 1·2 | 1·2 | 2·3 | 4 | 3 | 1 | NE | 5 | NE | 2 | NNE | 4 | 0·0 | 15·0 |
| 11 | 11·9 | 9·9 | 10·9 | 29·3 | 11·4 | 18·4 | 28·6 | 22·8 | 5 | 2 | 6 | 0·8 | 0·7 | 1·2 | 4 | 5 | 0 | NE | 4 | NNE | 3 | NE | 4 | 0·0 | 13·0 |
| 12 | 12·8 | 10·5 | 11·6 | 29·7 | 10·3 | 16·3 | 28·6 | 21·8 | 17 | 5 | 13 | 2·3 | 1·5 | 2·5 | 4 | 4 | 0 | NE | 4 | ENE | 3 | ENE | 4 | 0·0 | 11·0 |
| 13 | 12·5 | 10·4 | 11·3 | 31·3 | 11·8 | 19·1 | 30·2 | 22·3 | 13 | 5 | 13 | 2·1 | 1·6 | 2·5 | 0 | 2 | 0 | NE | 4 | NE | 2 | NE | 4 | 0·0 | 14·0 |
| 14 | 12·9 | 10·6 | 11·8 | 29·2 | 10·8 | 17·7 | 28·4 | 20·6 | 12 | 4 | 9 | 1·8 | 1·2 | 1·7 | 0 | 4 | 0 | N | 4 | NE | 3 | NNE | 4 | 0·0 | 16·0 |
| 15 | 13·6 | 11·4 | 12·5 | 26·1 | 10·7 | 16·6 | 25·4 | 17·9 | 9 | 2 | 12 | 1·3 | 0·5 | 1·8 | 0 | 6 | 0 | NNW | 5 | NNE | 4 | NNE | 4 | 0·0 | 16·0 |
| 16 | 14·0 | 12·3 | 13·5 | 24·4 | 8·7 | 15·1 | 23·7 | 17·1 | 20 | 7 | 12 | 2·5 | 1·5 | 1·9 | 0 | 7 | 0 | NNW | 5 | NNE | 5 | NNW | 5 | 0·0 | 15·0 |
| 17 | 16·1 | 13·7 | 15·0 | 22·7 | 5·8 | 14·3 | 22·4 | 17·4 | 22 | 8 | 12 | 2·7 | 1·7 | 1·9 | 0 | 0 | 0 | NE | 5 | NNE | 4 | NNE | 5 | 0·0 | 12·0 |
| 18 | 15·9 | 13·0 | 14·0 | 22·6 | 5·6 | 13·1 | 22·1 | 15·3 | 22 | 8 | 12 | 2·5 | 1·6 | 1·5 | 0 | 3 | 0 | NNE | 5 | NNE | 4 | NE | 5 | 0·0 | 15·0 |
| 19 | 15·1 | 12·5 | 13·6 | 25·4 | 5·7 | 12·8 | 24·7 | 16·4 | 12 | 8 | 12 | 1·3 | 1·8 | 1·6 | 2 | 0 | 0 | N | 5 | NNW | 4 | NNE | 4 | 0·0 | 16·0 |
| 20 | 15·1 | 12·8 | 13·9 | 26·3 | 5·7 | 13·4 | 25·3 | 16·9 | 21 | 10 | 11 | 2·3 | 2·5 | 1·6 | 0 | 0 | 0 | NNW | 4 | NNE | 3 | NNW | 4 | 0·0 | 17·0 |
| 21 | 16·1 | 13·3 | 14·4 | 25·9 | 6·7 | 14·3 | 25·4 | 16·7 | 14 | 5 | 13 | 1·7 | 1·1 | 1·9 | 0 | 0 | 0 | NNW | 5 | NNE | 4 | NNW | 4 | 0·0 | 16·0 |
| 22 | 15·7 | 13·2 | 15·1 | 25·7 | 6·6 | 14·4 | 25·1 | 16·4 | 14 | 4 | 25 | 1·7 | 1·0 | 3·4 | 2 | 4 | 0 | NNW | 4 | NNE | 4 | N | 4 | 0·0 | 17·0 |
| 23 | 17·0 | 14·5 | 15·6 | 23·6 | 7·6 | 13·6 | 23·3 | 16·9 | 18 | 4 | 9 | 2·1 | 0·8 | 1·3 | 6 | 6 | 2 | N | 7 | NNE | 5 | NNE | 5 | 0·0 | 20·0 |
| 24 | 17·5 | 14·3 | 15·5 | 24·8 | 6·1 | 12·7 | 23·7 | 17·6 | 20 | 6 | 13 | 2·2 | 1·3 | 1·9 | 3 | 4 | 0 | NNE | 5 | NE | 4 | NE | 4 | 0·0 | 16·0 |
| 25 | 16·7 | 12·9 | 13·7 | 26·6 | 7·9 | 14·9 | 25·4 | 19·4 | 25 | 13 | 21 | 3·1 | 3·1 | 3·4 | 6 | 4 | 0 | NE | 5 | NE | 4 | ENE | 4 | 0·0 | 14·0 |
| 26 | 15·3 | 12·9 | 13·5 | 27·7 | 7·9 | 15·6 | 26·8 | 19·1 | 24 | 13 | 27 | 3·2 | 3·3 | 4·4 | 0 | 0 | 0 | NNE | 4 | NNE | 4 | NE | 3 | 0·0 | 14·0 |
| 27 | 14·4 | 11·0 | 11·8 | 29·2 | 9·4 | 17·8 | 28·3 | 21·9 | 31 | 16 | 30 | 4·8 | 4·5 | 5·9 | 0 | 0 | 0 | NNE | 4 | NE | 3 | NE | 4 | 0·0 | 12·0 |
| 28 | 12·8 | 10·4 | 11·2 | 29·9 | 12·3 | 17·3 | 28·9 | 23·4 | 35 | 19 | 25 | 5·1 | 5·5 | 5·2 | 0 | 0 | 0 | NNW | 4 | NNE | 3 | NE | 4 | 0·0 | 12·0 |
| 29 | 12·2 | 9·8 | 10·7 | 31·6 | 12·9 | 18·6 | 30·7 | 24·8 | 43 | 22 | 28 | 6·8 | 7·4 | 6·4 | 0 | 0 | 0 | N | 4 | NE | 3 | NNE | 4 | 0·0 | 11·0 |
| 30 | 11·9 | 9·5 | 10·6 | 32·1 | 13·9 | 21·7 | 30·9 | 25·4 | 38 | 26 | 34 | 7·4 | 8·6 | 8·1 | 0 | 0 | 0 | NNE | 4 | NE | 2 | NE | 3 | 0·0 | 11·0 |
| 31 | 12·5 | 10·6 | 11·8 | 32·7 | 15·8 | 21·1 | 30·8 | 26·1 | 32 | 22 | 25 | 6·0 | 7·2 | 6·1 | 3 | 2 | 0 | NNW | 4 | ENE | 2 | ENE | 3 | 0·0 | 10·0 |
| Month | 13·52 | 10·98 | 12·10 | 29·0 | 10·8 | 17·6 | 28·2 | 21·1 | 20 | 10 | 18 | 3·2 | 3·1 | 3·6 | 1·6 | 2·9 | 0·2 | — | 4·4 | — | 3·4 | — | 4·0 | 0·0 | 14·42 |

**Remarks :**—16 Haboob $9^{h}$–$13^{30}$.—18 Haboob $8^{30}$–$10^{h}$.—21 Haboob $10^{h}$–$12^{30}$.—22 Haboob $11^{h}$–$13^{h}$.—23 Haboob $7^{30}$–$13^{30}$.—24 Haboob $9^{30}$–$12^{h}$.

# GALLABAT.

$\varphi = 12° 47' 30''$ N. $\lambda = 36° 9' 30''$ E. H = 764·0 m. $h_t = 1·4$ m. $h_r = 1·7$ m.

$C_h$ = + 62 mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 698·4 | 695·4 | 695·7 | 32·0 | 14·5 | 20·0 | 31·5 | 25·5 | 43 | 23 | 24 | 7·6 | 7·9 | 5·6 | 0 | 0 | 0 | E | 1 | W | 2 | N | 3 | 0·0 | 10·0 |
| 2 | 698·3 | 694·3 | 696·7 | 33·0 | 13·5 | 20·0 | 32·0 | 24·5 | 43 | 19 | 24 | 7·6 | 6·8 | 5·5 | 0 | 0 | 0 | E | 1 | N | 2 | N | 3 | 0·0 | 10·0 |
| 3 | 697·2 | 694·3 | 695·7 | 34·0 | 14·0 | 21·5 | 33·0 | 21·5 | 39 | 16 | 46 | 7·3 | 6·2 | 8·7 | 0 | 0 | 0 | E | 1 | E | 2 | E | 4 | 0·0 | 10·0 |
| 4 | 697·1 | 694·6 | 695·5 | 35·0 | 14·0 | 21·5 | 34·0 | 27·5 | 50 | 12 | 19 | 9·5 | 4·8 | 5·1 | 0 | 0 | 0 | E | 1 | NE | 2 | NE | 4 | 0·0 | 10·0 |
| 5 | 696·8 | 694·0 | 695·4 | 36·5 | 17·0 | 24·0 | 35·0 | 27·5 | 39 | 14 | 19 | 8·7 | 5·8 | 5·1 | 0 | 0 | 0 | E | 1 | NE | 3 | NE | 4 | 0·0 | 12·0 |
| 6 | 695·9 | 693·0 | 694·5 | 37·0 | 16·5 | 23·5 | 35·5 | 27·5 | 38 | 0 | 19 | 8·2 | 0·2 | 5·1 | 0 | 0 | 0 | E | 1 | N | 1 | W | 2 | 0·0 | 13·0 |
| 7 | 696·6 | 694·0 | 695·5 | 35·0 | 16·0 | 23·0 | 35·0 | 27·0 | 38 | 12 | 26 | 7·8 | 5·0 | 6·8 | 2 | 0 | 3 | S | 1 | W | 2 | W | 2 | 0·0 | 9·0 |
| 8 | 697·2 | 694·1 | 695·6 | 34·0 | 15·0 | 23·0 | 33·0 | 26·0 | 38 | 16 | 24 | 7·8 | 6·2 | 6·0 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 2 | 0·0 | 10·0 |
| 9 | 698·1 | 695·1 | 695·5 | 34·0 | 14·5 | 22·0 | 33·0 | 27·0 | 29 | 8 | 20 | 5·7 | 3·1 | 5·4 | 0 | 0 | 0 | Calm | 0 | NE | 2 | NE | 2 | 0·0 | 11·0 |
| 10 | 698·6 | 694·0 | 695·5 | 36·0 | 14·5 | 22·0 | 35·5 | 27·0 | 32 | 11 | 20 | 6·4 | 4·7 | 5·4 | 0 | 0 | 0 | SE | 1 | NE | 1 | NE | 2 | 0·0 | 11·5 |
| 11 | 696·9 | 693·0 | 695·3 | 35·0 | 14·5 | 23·5 | 34·0 | 26·5 | 35 | 13 | 17 | 7·5 | 5·6 | 4·3 | 0 | 0 | 0 | Calm | 0 | Calm | 0 | N | 1 | 0·0 | 12·0 |
| 12 | 697·2 | 693·1 | 695·3 | 35·0 | 15·5 | 22·5 | 35·0 | 26·5 | 34 | 8 | 17 | 6·7 | 3·4 | 4·3 | 0 | 0 | 0 | E | 1 | N | 2 | NW | 2 | 0·0 | 10·0 |
| 13 | 697·3 | 694·3 | 695·7 | 35·0 | 14·5 | 21·0 | 33·0 | 27·0 | 38 | 12 | 23 | 7·0 | 4·6 | 6·1 | 0 | 0 | 0 | Calm | 0 | W | 1 | W | 1 | 0·0 | 10·0 |
| 14 | 698·9 | 695·1 | 696·5 | 35·0 | 16·0 | 20·5 | 33·5 | 27·0 | 37 | 11 | 20 | 6·6 | 4·3 | 5·4 | 0 | 0 | 0 | Calm | 0 | E | 1 | E | 1 | 0·0 | 11·0 |
| 15 | 698·2 | 694·2 | 695·5 | 36·0 | 15·0 | 21·5 | 35·5 | 27·5 | 35 | 13 | 19 | 6·7 | 5·4 | 5·1 | 0 | 0 | 0 | Calm | 0 | N | 1 | N | 2 | 0·0 | 10·0 |
| 16 | 698·9 | 694·0 | 695·5 | 36·0 | 15·5 | 21·5 | 35·5 | 27·5 | 39 | 25 | 19 | 7·3 | 10·4 | 5·1 | 0 | 0 | 0 | Calm | 0 | N | 1 | N | 1 | 0·0 | 12·5 |
| 17 | 698·1 | 695·0 | 697·4 | 34·0 | 16·5 | 22·5 | 34·0 | 26·0 | 41 | 3 | 19 | 8·1 | 1·1 | 4·6 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 3 | 0·0 | 13·0 |
| 18 | 700·2 | 696·5 | 698·1 | 30·0 | 12·0 | 18·0 | 30·0 | 21·0 | 9 | 7 | 23 | 1·3 | 2·1 | 4·4 | 0 | 0 | 0 | N | 1 | N | 2 | W | 2 | 0·0 | 10·0 |
| 19 | 698·5 | 695·5 | 696·7 | 31·0 | 11·5 | 18·5 | 30·5 | 24·0 | 26 | 12 | 29 | 4·0 | 3·9 | 6·5 | 0 | 0 | 0 | N | 1 | N | 2 | E | 1 | 0·0 | 12·0 |
| 20 | 698·2 | 694·3 | 695·7 | 33·0 | 14·0 | 21·5 | 32·5 | 25·0 | 42 | 18 | 28 | 8·0 | 6·5 | 6·6 | 0 | 0 | 0 | E | 1 | N | 2 | N | 2 | 0·0 | 10·0 |
| 21 | 697·1 | 694·8 | 695·4 | 34·0 | 14·5 | 22·0 | 34·0 | 27·5 | 43 | 18 | 24 | 8·4 | 7·2 | 6·5 | 5 | 3 | 4 | E | 1 | W | 1 | N | 3 | 0·0 | 10·0 |
| 22 | 698·6 | 693·5 | 694·3 | 36·5 | 15·0 | 24·5 | 35·0 | 28·5 | 40 | 12 | 24 | 9·1 | 5·0 | 6·6 | 0 | 2 | 2 | E | 1 | N | 2 | W | 2 | 0·0 | 10·5 |
| 23 | 696·9 | 693·9 | 695·4 | 37·0 | 17·5 | 24·5 | 36·0 | 28·5 | 30 | 10 | 20 | 6·9 | 4·4 | 5·9 | 0 | 4 | 3 | S | 1 | N | 2 | N | 2 | 0·0 | 12·0 |
| 24 | 697·1 | 693·9 | 695·3 | 36·0 | 15·0 | 23·0 | 35·5 | 28·5 | 31 | 4 | 16 | 6·4 | 1·6 | 4·5 | 3 | 0 | 2 | Calm | 0 | N | 2 | N | 1 | 0·0 | 13·0 |
| 25 | 698·2 | 693·9 | 695·4 | 37·5 | 18·0 | 24·5 | 36·0 | 28·0 | 30 | 6 | 17 | 6·9 | 2·8 | 4·8 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 1 | 0·0 | 14·0 |
| 26 | 696·9 | 692·8 | 695·3 | 36·0 | 17·0 | 23·5 | 36·0 | 28·5 | 42 | 10 | 24 | 9·0 | 4·4 | 6·6 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 3 | 0·0 | 13·0 |
| 27 | 695·9 | 692·9 | 695·4 | 35·0 | 16·0 | 23·5 | 34·0 | 27·0 | 42 | 13 | 29 | 9·0 | 5·6 | 7·6 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 2 | 0·0 | 14·0 |
| 28 | 696·9 | 695·0 | 695·4 | 35·0 | 15·5 | 23·0 | 34·5 | 28·0 | 48 | 14 | 22 | 10·0 | 6·0 | 6·2 | 0 | 0 | 5 | Calm | 0 | N | 2 | N | 2 | 0·0 | 10·5 |
| 29 | 698·1 | 694·0 | 695·4 | 34·0 | 15·5 | 22·5 | 34·0 | 28·0 | 41 | 10 | 17 | 8·1 | 4·0 | 4·8 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 3 | 0·0 | 13·0 |
| 30 | 696·9 | 692·8 | 694·3 | 36·5 | 15·5 | 23·5 | 35·5 | 28·5 | 42 | 7 | 16 | 9·0 | 3·1 | 4·5 | 0 | 0 | 0 | E | 1 | N | 2 | N | 2 | 0·0 | 13·0 |
| 31 | 695·9 | 692·9 | 695·0 | 35·5 | 18·0 | 23·5 | 35·5 | 29·5 | 49 | 13 | 14 | 10·4 | 5·4 | 4·6 | 2 | 3 | 0 | E | 1 | N | 2 | N | 2 | 0·0 | 15·0 |
| Month | 697·58 | 694·14 | 695·61 | 34·8 | 15·2 | 22·2 | 34·1 | 26·8 | 38 | 12 | 22 | 7·5 | 4·8 | 5·6 | 0·4 | 0·4 | 0·6 | — | 0·5 | — | 1·7 | — | 2·2 | 0·0 | 11·45 |

**Remarks:—**

$C_h$ = + 62 mm.

## February 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 695·8 | 692·9 | 695·3 | 37·0 | 17·5 | 24·5 | 36·0 | 28·0 | 43 | 8 | 20 | 9·8 | 3·6 | 5·5 | 0 | 3 | 0 | Calm | 0 | N | 1 | N | 2 | 0·0 | 14·0 |
| 2 | 695·7 | 693·8 | 695·3 | 36·0 | 20·0 | 27·0 | 35·5 | 28·0 | 31 | 11 | 20 | 8·3 | 4·7 | 5·5 | 2 | 2 | 0 | S | 1 | N | 2 | N | 3 | 0·0 | 16·0 |
| 3 | 697·6 | 693·0 | 694·9 | 35·0 | 15·0 | 22·5 | 35·0 | 27·5 | 44 | 12 | 24 | 8·8 | 5·0 | 6·5 | 3 | 0 | 0 | Calm | 0 | N | 1 | N | 1 | 0·0 | 14·0 |
| 4 | 696·1 | 692·9 | 694·5 | 35·0 | 14·0 | 22·5 | 35·0 | 27·5 | 37 | 12 | 11 | 7·4 | 5·0 | 3·0 | 0 | 0 | 0 | Calm | 0 | W | 1 | N | 2 | 0·0 | 11·5 |
| 5 | 695·9 | 692·9 | 694·5 | 35·0 | 15·5 | 24·0 | 35·0 | 27·0 | 26 | 6 | 7 | 5·8 | 2·7 | 1·9 | 0 | 0 | 0 | E | 1 | N | 1 | W | 1 | 0·0 | 14·0 |
| 6 | 697·2 | 694·1 | 695·5 | 35·0 | 16·0 | 21·0 | 35·0 | 28·0 | 17 | 1 | 17 | 3·1 | 0·5 | 4·8 | 7 | 10 | 8 | N | 2 | N | 2 | W | 2 | 0·0 | 14·0 |
| 7 | 698·2 | 694·1 | 695·6 | 33·0 | 16·5 | 21·5 | 32·5 | 28·0 | 21 | 10 | 17 | 4·1 | 3·4 | 4·8 | 5 | 3 | 0 | SE | 1 | W | 2 | W | 2 | 0·0 | 15·0 |
| 8 | 699·1 | 695·1 | 695·5 | 35·5 | 13·5 | 23·0 | 34·5 | 27·0 | 25 | 9 | 15 | 5·1 | 3·7 | 4·0 | 0 | 5 | 0 | E | 1 | N | 1 | N | 2 | 0·0 | 13·0 |
| 9 | 697·1 | 693·0 | 695·2 | 35·0 | 15·5 | 23·0 | 35·0 | 27·0 | 28 | 8 | 11 | 5·8 | 3·4 | 2·7 | 0 | 0 | 0 | E | 1 | N | 1 | N | 1 | 0·0 | 12·0 |
| 10 | 696·1 | 693·0 | 694·7 | 35·0 | 18·5 | 23·0 | 34·5 | 26·5 | 25 | 6 | 12 | 5·1 | 2·2 | 3·0 | 0 | 0 | 0 | Calm | 0 | N | 1 | N | 2 | 0·0 | 13·0 |
| 11 | 696·1 | 693·0 | 694·5 | 36·0 | 14·0 | 23·0 | 35·5 | 28·0 | 25 | 5 | 9 | 5·1 | 2·4 | 2·7 | 0 | 0 | 0 | Calm | 0 | W | 3 | N | 2 | 0·0 | 14·0 |
| 12 | 695·1 | 692·1 | 693·5 | 34·5 | 15·5 | 23·5 | 34·5 | 28·0 | 49 | 2 | 20 | 10·4 | 0·8 | 5·5 | 0 | 7 | 5 | Calm | 0 | W | 2 | W | 2 | 0·0 | 14·0 |
| 13 | 694·8 | 690·9 | 692·4 | 37·0 | 16·0 | 22·0 | 35·5 | 27·5 | 36 | 11 | 21 | 7·0 | 4·7 | 5·8 | 4 | 0 | 0 | Calm | 0 | N | 2 | N | 2 | 0·0 | 13·0 |
| 14 | 693·8 | 692·4 | 694·0 | 38·0 | 19·0 | 25·5 | 37·0 | 30·0 | 29 | 10 | 16 | 7·0 | 4·5 | 5·0 | 0 | 5 | 9 | Calm | 0 | W | 2 | N | 2 | 0·0 | 11·0 |
| 15 | 695·4 | 691·8 | 693·3 | 37·5 | 21·5 | 30·0 | 37·0 | 27·0 | 41 | 14 | 26 | 13·0 | 6·9 | 6·8 | 2 | 3 | 5 | W | 1 | W | 2 | W | 2 | 0·0 | 13·0 |
| 16 | 695·6 | 693·6 | 695·1 | 35·0 | 22·0 | 25·5 | 34·0 | 28·5 | 55 | 22 | 43 | 13·2 | 8·8 | 12·2 | 4 | 0 | 5 | W | 2 | N | 2 | N | 3 | 0·0 | 15·0 |
| 17 | 695·8 | 693·5 | 695·1 | 35·0 | 19·0 | 24·0 | 34·0 | 29·0 | 53 | 22 | 40 | 11·7 | 8·8 | 11·9 | 0 | 2 | 10 | N | 1 | W | 2 | W | 3 | 0·0 | 11·0 |
| 18 | 696·5 | 692·8 | 694·3 | 36·0 | 18·0 | 24·0 | 35·0 | 28·5 | 53 | 19 | 26 | 11·7 | 8·2 | 7·4 | 3 | 0 | 0 | N | 1 | N | 2 | N | 2 | 0·0 | 14·0 |
| 19 | 696·3 | 694·8 | 695·5 | 35·0 | 16·0 | 21·0 | 33·5 | 27·0 | 49 | 15 | 15 | 9·0 | 5·9 | 4·0 | 0 | 0 | 0 | N | 1 | N | 2 | N | 2 | 0·0 | 16·0 |
| 20 | 696·3 | 694·1 | 696·2 | 34·0 | 19·5 | 20·5 | 32·5 | 27·0 | 23 | 12 | 20 | 4·0 | 4·2 | 5·4 | 0 | 0 | 0 | N | 1 | N | 2 | N | 2 | 0·0 | 16·0 |
| 21 | 697·2 | 693·1 | 695·4 | 34·0 | 13·0 | 22·5 | 34·0 | 25·5 | 27 | 3 | 9 | 5·4 | 1·1 | 2·2 | 0 | 0 | 0 | N | 1 | N | 2 | N | 1 | 0·0 | 16·0 |
| 22 | 697·9 | 694·1 | 695·6 | 35·0 | 13·5 | 22·0 | 33·5 | 27·5 | 29 | 4 | 8 | 5·7 | 1·4 | 2·3 | 2 | 3 | 0 | E | 1 | N | 2 | N | 1 | 0·0 | 15·0 |
| 23 | 696·9 | 694·0 | 695·5 | 36·0 | 15·0 | 24·0 | 35·0 | 28·0 | 17 | 5 | 12 | 3·8 | 1·9 | 3·4 | 3 | 2 | 0 | E | 1 | N | 1 | N | 2 | 0·0 | 15·0 |
| 24 | 695·9 | 693·8 | 695·0 | 37·0 | 15·0 | 25·0 | 36·0 | 29·0 | 22 | 10 | 5 | 5·2 | 4·4 | 1·4 | 0 | 0 | 0 | E | 1 | N | 1 | N | 2 | 0·0 | 13·0 |
| 25 | 695·6 | 692·8 | 694·8 | 38·0 | 19·5 | 28·0 | 36·0 | 30·0 | 20 | 10 | 11 | 5·5 | 4·4 | 3·6 | 0 | 0 | 0 | E | 2 | N | 1 | N | 3 | 0·0 | 16·0 |
| 26 | 695·7 | 692·7 | 695·0 | 38·0 | 18·0 | 26·5 | 37·0 | 29·0 | 28 | 8 | 14 | 7·1 | 3·7 | 4·2 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 2 | 0·0 | 16·0 |
| 27 | 695·7 | 693·5 | 694·1 | 36·0 | 19·0 | 26·0 | 36·0 | 30·0 | 52 | 10 | 16 | 12·9 | 4·4 | 5·0 | 2 | 0 | 0 | N | 1 | N | 2 | N | 2 | 0·0 | 15·0 |
| 28 | 695·1 | 693·5 | 694·5 | 36·0 | 19·0 | 26·0 | 35·0 | 27·0 | 42 | 12 | 20 | 10·5 | 5·0 | 5·4 | 0 | 0 | 0 | W | 1 | N | 2 | N | 2 | 0·0 | 15·0 |
| Month | 696·23 | 693·26 | 694·81 | 35·7 | 16·9 | 24·0 | 35·0 | 27·9 | 34 | 10 | 17 | 7·6 | 4·1 | 4·9 | 1·3 | 1·6 | 1·5 | — | 0·8 | — | 1·7 | — | 2·0 | 0·0 | 14·09 |

**Remarks:—**

# GALLABAT.

$\varphi = 12° 47' 30''$ N. $\lambda = 36° 9' 30''$ E. H = 764·0 m. $h_t$ = 1·4 m. $h_r$ = 1·7 m.

$C_h$ = + 62 mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 694·8 | 693·0 | 694·3 | 36·0 | — | 24·5 | 35·0 | 28·0 | 43 | 12 | 22 | 9·8 | 5·0 | 6·2 | 2 | 0 | 0 | E | 1 | N | 2 | N | 2 | 0·0 | 15·0 |
| 2 | 694·9 | 692·7 | 690·7 | 39·0 | — | 24·5 | 37·5 | 28·5 | 43 | 15 | 28 | 9·8 | 7·5 | 8·2 | 0 | 2 | 3 | S | 1 | N | 2 | S | 1 | 0·0 | 14·0 |
| 3 | 694·4 | 691·7 | 692·3 | 40·0 | — | 26·0 | 38·5 | 31·0 | 33 | 17 | 32 | 8·2 | 8·6 | 10·6 | 0 | 0 | 0 | Calm | 0 | N | 2 | W | 1 | 0·0 | 19·0 |
| 4 | 694·7 | 691·8 | 693·7 | 39·0 | — | 29·0 | 37·5 | 31·5 | 37 | 17 | 32 | 11·1 | 8·3 | 11·2 | 0 | 3 | 0 | W | 3 | N | 1 | N | 1 | 0·0 | 19·5 |
| 5 | 696·2 | 692·5 | 696·2 | 37·0 | — | 22·0 | 36·0 | 28·0 | 47 | 17 | 39 | 9·2 | 7·6 | 10·8 | 4 | 0 | 0 | N | 3 | N | 2 | N | 2 | 0·0 | 18·0 |
| 6 | 697·5 | 694·1 | 697·1 | 37·0 | — | 21·5 | 33·0 | 27·5 | 46 | 25 | 41 | 8·7 | 9·4 | 11·2 | 0 | 0 | 0 | N | 2 | N | 1 | N | 2 | 0·0 | 19·0 |
| 7 | 699·0 | 695·5 | 696·8 | 32·0 | — | 19·0 | 30·0 | 25·0 | 76 | 25 | 40 | 12·4 | 8·0 | 9·5 | 0 | 0 | 0 | N | 3 | N | 1 | N | 2 | 0·0 | 18·0 |
| 8 | 698·4 | 695·6 | 696·7 | 32·0 | — | 19·0 | 31·0 | 25·5 | 30 | 27 | 45 | 4·9 | 9·0 | 10·8 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | 0·0 | 16·0 |
| 9 | 697·1 | 692·5 | 697·1 | 34·0 | — | 28·5 | 33·0 | 27·5 | 31 | 25 | 41 | 8·9 | 9·4 | 11·2 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 3 | 0·0 | 18·0 |
| 10 | 697·6 | 694·2 | 696·3 | 32·0 | — | 18·5 | 31·0 | 24·5 | 58 | 29 | 50 | 9·2 | 9·8 | 11·4 | 0 | 0 | 0 | N | 1 | N | 2 | N | 3 | 0·0 | 20·0 |
| 11 | 696·7 | 694·3 | 696·0 | 35·0 | — | 22·5 | 34·0 | 28·0 | — | 18 | 5 | — | 7·2 | 1·3 | 0 | 0 | 0 | Calm | 0 | W | 3 | N | 2 | 0·0 | 16·0 |
| 12 | 697·4 | 694·0 | 696·0 | 37·0 | — | 25·5 | 36·5 | 30·0 | 24 | 4 | 7 | 5·6 | 1·8 | 2·1 | 0 | 0 | 0 | N | 2 | N | 2 | N | 2 | 0·0 | 19·0 |
| 13 | 697·1 | 693·9 | 695·7 | 35·5 | — | 25·5 | 34·5 | 28·0 | 18 | 6 | 7 | 4·2 | 2·2 | 2·0 | 0 | 0 | 0 | N | 2 | N | 3 | N | 3 | 0·0 | 18·0 |
| 14 | 697·0 | 693·2 | 694·5 | 35·0 | — | 24·0 | 35·0 | 28·0 | 20 | 5 | 9 | 4·5 | 1·9 | 2·7 | 0 | 0 | 0 | S | 1 | N | 3 | N | 3 | 0·0 | 16·0 |
| 15 | 694·4 | 693·0 | 694·0 | 35·5 | — | 25·0 | 35·5 | 29·5 | 11 | 5 | 12 | 2·6 | 2·4 | 3·9 | 0 | 2 | 0 | S | 1 | N | 3 | N | 3 | 0·0 | 18·0 |
| 16 | 695·0 | 692·2 | 693·5 | 38·0 | — | 27·0 | 37·0 | 30·5 | 29 | 8 | 8 | 7·6 | 3·7 | 2·5 | 3 | 3 | 0 | S | 1 | W | 3 | W | 4 | 0·0 | 17·0 |
| 17 | 694·7 | 691·6 | 692·4 | 39·0 | — | 26·0 | 37·5 | 31·5 | 24 | 9 | 9 | 6·0 | 4·2 | 3·3 | 10 | 7 | 0 | Calm | 0 | NW | 3 | NW | 3 | 0·0 | 18·0 |
| 18 | 694·0 | 691·2 | 692·2 | 39·5 | — | 28·0 | 38·5 | 32·0 | 24 | 5 | 11 | 7·0 | 2·8 | 3·8 | 2 | 0 | 0 | S | 1 | N | 3 | N | 3 | 0·0 | 17·0 |
| 19 | 694·9 | 691·6 | 693·0 | 39·0 | — | 27·5 | 38·0 | 32·0 | 21 | 8 | 14 | 5·8 | 3·9 | 5·3 | 5 | 5 | 0 | N | 2 | N | 4 | N | 4 | 0·0 | 19·0 |
| 20 | 694·6 | 691·4 | 693·0 | 39·5 | — | 28·5 | 39·5 | 32·0 | 26 | 6 | 11 | 7·4 | 3·0 | 3·8 | 0 | 0 | 0 | N | 1 | N | 4 | N | 4 | 0·0 | 20·0 |
| 21 | 694·7 | 692·4 | 694·0 | 37·5 | — | 28·5 | 37·0 | 30·0 | 18 | 5 | 7 | 5·2 | 2·2 | 2·1 | 0 | 0 | 0 | S | 1 | N | 4 | N | 2 | 0 0 | 19·0 |
| 22 | 695·1 | 693·1 | 693·7 | 36·0 | — | 25·0 | 35·0 | 27·0 | 11 | 3 | 11 | 2·6 | 1·2 | 2·7 | 0 | 0 | 0 | N | 2 | N | 3 | N | 1 | 0·0 | 17·0 |
| 23 | 694·3 | 692·0 | 693·0 | 36·0 | — | 24·5 | 35·0 | 27·0 | 21 | 6 | 11 | 4·8 | 2·7 | 2·7 | 0 | 3 | 0 | E | 1 | N | 3 | N | 2 | 0·0 | 13·0 |
| 24 | 694·3 | 692·4 | 693·2 | 37·5 | — | 25·5 | 37·0 | 29·5 | 21 | 2 | 6 | 4·9 | 0·7 | 1·7 | 0 | 0 | 2 | E | 2 | N | 4 | N | 1 | 0·0 | 18·0 |
| 25 | 695·7 | 693·1 | 693·0 | 38·0 | — | 29·0 | 37·5 | 32·0 | 12 | 4 | 6 | 3·4 | 1·9 | 2·3 | 3 | 10 | 10 | E | 1 | N | 4 | N | 2 | 0·0 | 18·0 |
| 26 | 697·3 | 694·6 | 695·2 | 37·0 | — | 28·0 | 35·0 | 30·0 | 7 | 6 | 9 | 2·0 | 2·7 | 2·8 | 10 | 10 | 8 | W | 4 | W | 4 | W | 2 | 0·0 | 15·0 |
| 27 | 697·5 | 694·3 | 694·4 | 37·5 | — | 28·5 | 35·0 | 28·0 | 10 | 3 | 12 | 3·0 | 1·2 | 3·4 | 10 | 8 | 0 | Calm | 0 | N | 2 | S | 2 | 0·0 | 13·0 |
| 28 | 696·6 | 693·6 | 693·5 | 37·5 | — | 26·5 | 36·5 | 29·0 | 14 | 2 | 5 | 3·6 | 1·0 | 1·4 | 10 | 4 | 0 | S | 1 | N | 4 | N | 3 | 0·0 | 16·0 |
| 29 | 696·5 | 692·9 | 693·0 | 38·0 | — | 28·0 | 37·5 | 30·0 | 15 | 14 | 7 | 4·1 | 4·9 | 2·1 | 0 | 3 | 0 | SE | 1 | NW | 4 | W | 1 | 0·0 | 17·0 |
| 30 | 694·7 | 692·8 | 694·6 | 39·0 | — | 28·0 | 39·0 | 30·0 | 15 | 11 | 7 | 4·1 | 5·8 | 2·1 | 0 | 0 | 3 | E | 1 | W | 4 | N | 2 | 0·0 | 18·0 |
| 31 | 697·3 | 692·9 | 694·0 | 38·0 | — | 28·5 | 37·0 | 29·0 | 10 | 3 | 9 | 3·0 | 1·4 | 2·7 | 4 | 0 | 0 | E | 1 | N | 3 | N | 2 | 0·0 | 17·0 |
| Month | 695·95 | 693·04 | 694·20 | 36·9 | — | 25·5 | 35·8 | 29·0 | 26 | 11 | 18 | 6·1 | 4·6 | 5·1 | 2·0 | 1·9 | 0·8 | — | 1·4 | — | 2·8 | — | 2·3 | 0·0 | 17·27 |

**Remarks:—**

$C_h$ = + 61 mm.

## April 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 697·2 | 695·4 | 694·1 | 38·0 | — | 29·0 | 37·0 | 30·0 | 9 | 6 | 7 | 2·7 | 3·0 | 2·1 | 8 | 2 | 0 | S | 2 | N | 2 | W | 2 | 0·0 | 16·5 |
| 2 | 696·6 | 693·4 | 693·0 | 39·0 | — | 27·5 | 38·5 | 32·0 | 14 | 1 | 2 | 3·7 | 0·5 | 0·9 | 0 | 0 | 0 | Calm | 0 | N | 2 | N | 2 | 0·0 | 17·0 |
| 3 | 694·6 | 690·5 | 691·9 | 40·0 | — | 32·0 | 40·0 | 34·0 | 11 | 5 | 4 | 3·8 | 2·7 | 1·8 | 0 | 2 | 10 | S | 2 | N | 2 | N | 2 | 0·0 | 17·0 |
| 4 | 693·3 | 690·4 | 691·8 | 41·5 | — | 31·5 | 40·5 | 33·5 | 21 | 9 | 15 | 7·1 | 4·9 | 5·9 | 0 | 8 | 8 | N | 1 | N | 3 | S | 2 | 0·0 | 16·0 |
| 5 | 695·8 | 692·3 | 694·2 | 39·0 | — | 32·5 | 38·5 | 33·5 | 27 | 12 | 15 | 9·7 | 6·1 | 5·9 | 5 | 5 | 8 | S | 2 | W | 3 | N | 1 | 0·0 | 16·0 |
| 6 | 697·0 | 692·5 | 693·7 | 39·0 | — | 30·5 | 38·5 | 31·5 | 31 | 2 | 2 | 10·1 | 1·3 | 0·5 | 0 | 2 | 0 | S | 1 | N | 3 | N | 2 | 0·0 | 17·0 |
| 7 | 694·2 | 693·1 | 693·2 | 39·0 | — | 30·5 | 38·0 | 31·5 | 10 | 3 | 0 | 3·2 | 1·6 | 0·1 | 0 | 0 | 0 | S | 2 | N | 2 | N | 3 | 0·0 | 17·0 |
| 8 | 695·0 | 691·2 | 691·7 | 41·0 | — | 31·0 | 40·5 | 32·0 | 11 | 0 | 0 | 3·6 | 0·1 | 0·1 | 0 | 0 | 0 | E | 2 | N | 3 | N | 2 | 0·0 | 17·0 |
| 9 | 693·6 | 691·8 | 693·3 | 41·0 | — | 31·5 | 41·0 | 32·5 | 4 | 1 | 2 | 1·2 | 0·5 | 0·6 | 0 | 0 | 0 | E | 3 | W | 3 | N | 2 | 0·0 | 14·0 |
| 10 | 694·0 | 691·8 | 693·4 | 41·0 | — | 30·5 | 40·0 | 33·0 | 10 | 2 | 4 | 3·2 | 1·1 | 1·7 | 0 | 0 | 0 | W | 2 | W | 2 | N | 2 | 0·0 | 12·0 |
| 11 | 694·2 | 692·8 | 693·7 | 39·0 | — | 33·0 | 38·0 | 31·5 | 21 | 6 | 4 | 7·8 | 3·1 | 1·2 | 0 | 5 | 0 | E | 2 | N | 3 | N | 3 | 0·0 | 17·0 |
| 12 | 695·1 | 692·0 | 691·0 | 38·0 | — | 31·0 | 37·5 | 30·5 | 17 | 2 | 4 | 5·9 | 1·1 | 1·1 | 2 | 2 | 0 | E | 2 | N | 3 | N | 3 | 0·0 | 17·0 |
| 13 | 694·9 | 691·6 | 691·9 | 41·0 | — | 32·0 | 40·0 | 31·5 | 8 | 5 | 8 | 3·0 | 2·7 | 2·6 | 0 | 0 | 0 | E | 2 | N | 3 | W | 2 | 0·0 | 14·0 |
| 14 | 694·1 | 692·2 | 691·6 | 42·0 | — | 30·5 | 41·0 | 33·5 | 10 | 8 | 11 | 3·2 | 4·6 | 4·3 | 2 | 2 | 8 | E | 2 | W | 2 | W | 2 | 0·0 | 16·0 |
| 15 | 694·8 | 693·7 | 690·8 | 40·0 | — | 32·0 | 40·0 | 32·5 | 11 | 9 | 15 | 3·8 | 5·2 | 5·7 | 0 | 0 | 2 | E | 2 | S | 2 | N | 2 | 0·0 | 16·0 |
| 16 | 693·0 | 690·1 | 690·7 | 42·0 | — | 32·5 | 40·0 | 33·5 | 20 | 9 | 15 | 7·3 | 5·2 | 5·9 | 5 | 8 | 10 | Calm | 0 | N | 2 | N | 3 | 0·0 | 17·0 |
| 17 | 694·6 | 690·3 | 691·2 | 40·0 | — | 31·0 | 40·0 | 32·5 | 27 | 11 | 18 | 9·0 | 6·0 | 6·5 | 5 | 5 | 0 | W | 4 | N | 3 | W | 2 | 0·0 | 17·0 |
| 18 | 695·3 | 690·3 | 690·6 | 39·0 | — | 33·0 | 39·0 | 34·0 | 25 | 13 | 13 | 9·4 | 6·6 | 5·6 | 2 | 5 | 10 | W | 4 | N | 2 | W | 2 | 0·0 | 17·0 |
| 19 | 695·4 | 692·6 | 695·0 | 37·5 | — | 31·0 | 35·0 | 27·5 | 32 | 24 | 35 | 10·6 | 9·9 | 9·5 | 2 | 10 | 5 | S | 3 | E | 6 | W | 2 | 1·0 | 13·0 |
| 20 | 696·6 | 692·7 | 692·9 | 37·0 | — | 27·0 | 36·0 | 30·5 | 49 | 20 | 34 | 13·1 | 9·3 | 10·9 | 10 | 5 | 5 | W | 2 | S | 2 | W | 2 | 0·0 | 10·5 |
| 21 | 696·0 | 692·6 | 693·4 | 38·0 | — | 30·0 | 37·0 | 25·0 | 36 | 18 | 61 | 11·2 | 8·6 | 14·3 | 2 | 5 | 10 | W | 2 | N | 2 | E | 2 | 0·0 | 9·0 |
| 22 | 695·4 | 691·0 | 694·4 | 38·0 | — | 29·5 | 38·0 | 25·5 | 43 | 16 | 58 | 13·3 | 8·0 | 14·0 | 2 | 0 | 10 | S | 2 | N | 2 | S | 2 | 0·0 | 11·0 |
| 23 | 696·5 | 692·7 | 694·6 | 35·0 | — | 28·5 | 34·0 | 24·0 | 26 | 18 | 39 | 7·4 | 7·2 | 8·7 | 5 | 5 | 10 | W | 2 | W | 2 | N | 2 | 3·0 | 8·0 |
| 24 | 696·3 | 690·7 | 693·1 | 37·0 | — | 27·0 | 36·0 | 28·0 | 26 | 13 | 36 | 6·8 | 5·9 | 10·0 | 5 | 5 | 10 | E | 2 | N | 2 | W | 2 | 3·0 | 10·0 |
| 25 | 696·2 | 692·8 | 695·8 | 35·0 | — | 28·0 | 34·5 | 22·0 | 44 | 25 | 58 | 12·5 | 10·2 | 11·4 | 8 | 8 | 10 | E | 1 | W | 2 | W | 2 | 28·0 | 7·5 |
| 26 | 696·5 | 692·8 | 693·2 | 35·0 | — | 26·0 | 32·5 | 28·0 | 59 | 31 | 51 | 14·6 | 11·4 | 14·2 | 8 | 2 | 8 | S | 2 | W | 2 | E | 2 | 3·0 | 8·0 |
| 27 | 695·7 | 692·8 | 696·1 | 36·0 | — | 27·0 | 34·5 | 25·0 | 52 | 25 | 54 | 14·0 | 10·2 | 12·7 | 8 | 5 | 10 | S | 2 | W | 2 | E | 4 | 0·0 | 8·0 |
| 28 | 695·7 | 692·9 | 694·8 | 37·5 | — | 28·0 | 35·0 | 30·5 | 44 | 19 | 26 | 12·5 | 8·2 | 8·5 | 2 | 8 | 10 | E | 3 | W | 2 | N | 3 | 0·0 | 14·0 |
| 29 | 696·4 | 694·4 | 694·7 | 38·0 | — | 30·5 | 35·5 | 30·0 | 34 | 22 | 36 | 10·9 | 9·6 | 11·2 | 5 | 8 | 8 | SW | 3 | W | 3 | W | 3 | 0·0 | 10·0 |
| 30 | 695·7 | 693·8 | 694·0 | 34·0 | — | 30·0 | 30·0 | 28·0 | 36 | 41 | 39 | 11·2 | 13·0 | 10·8 | 5 | 10 | 0 | N | 2 | W | 2 | W | 3 | 0·0 | 10·0 |
| Month | 695·32 | 692·24 | 693·13 | 38·6 | — | 30·1 | 37·5 | 30·2 | 26 | 12 | 22 | 7·9 | 5·6 | 6·3 | 3·0 | 3·9 | 5·1 | — | 2·0 | — | 2·5 | — | 2·3 | 38·0 | 13.65 |

**Remarks:—25 ● T 20h.**

# GALLABAT.

$\varphi = 12^\circ\ 47'\ 30''$ N. $\lambda = 36^\circ\ 9'\ 30''$ E. H = 764·0 m. $h_t = 1{\cdot}4$ m. $h_r = 1{\cdot}7$ m.

$C_h = +61$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 695·8 | 690·9 | 694·1 | 38·0 | — | 31·5 | 37·0 | 28·0 | 32 | 18 | 39 | 11·2 | 8·6 | 10·3 | 5 | 8 | 10 | W | 3 | N | 2 | W | 3 | 25·0 | 8·5 |
| 2 | 695·9 | 694·2 | 694·7 | 36·0 | — | 25·0 | 35·0 | 28·0 | 61 | 24 | 47 | 14·3 | 9·9 | 13·3 | 10 | 8 | 2 | W | 5 | N | 2 | N | 2 | 0·0 | 7·0 |
| 3 | 695·7 | 692·9 | 693·7 | 38·5 | — | 29·5 | 38·5 | 31·5 | 32 | 15 | 30 | 9·9 | 7·7 | 10·3 | 0 | 8 | 2 | E | 2 | E | 2 | W | 2 | 0·0 | 10·0 |
| 4 | 696·4 | 692·5 | 695·1 | 38·0 | — | 29·0 | 38·0 | 24·0 | 40 | 16 | 60 | 11·9 | 8·0 | 13·3 | 2 | 8 | 10 | W | 4 | W | 3 | S | 2 | 38·0 | 8·0 |
| 5 | 697·5 | 693·0 | 693·2 | 35·0 | — | 26·0 | 33·5 | 29·0 | 55 | 30 | 40 | 13·7 | 11·7 | 11·9 | 5 | 5 | 8 | S | 3 | W | 2 | N | 2 | 0·0 | 7·0 |
| 6 | 695·5 | 692·4 | 695·2 | 37·0 | — | 29·0 | 36·0 | 28·0 | 46 | 23 | 39 | 13·6 | 10·1 | 10·8 | 2 | 10 | 10 | S | 3 | N | 3 | W | 2 | 0·0 | 7·5 |
| 7 | 695·7 | 694·5 | 696·4 | 36·0 | — | 27·0 | 35·0 | 27·0 | 91 | 28 | 49 | 17·9 | 11·6 | 13·1 | 8 | 8 | 10 | S | 2 | N | 2 | W | 2 | 25·0 | 8·5 |
| 8 | 696·0 | 695·0 | 694·4 | 33·0 | — | 21·0 | 32·0 | 25·0 | 82 | 36 | 61 | 15·1 | 12·6 | 14·3 | 10 | 2 | 2 | S | 5 | W | 3 | W | 2 | 0·0 | 7·0 |
| 9 | 697·5 | 694·5 | 696·1 | 26·5 | — | 23·0 | 26·5 | 23·0 | 70 | 53 | 66 | 14·7 | 13·4 | 13·9 | 8 | 10 | 10 | SW | 3 | N | 2 | N | 2 | 0·0 | 5·5 |
| 10 | 695·1 | 694·0 | 692·6 | 33·0 | — | 24·0 | 31·5 | 24·0 | 60 | 27 | 50 | 13·3 | 9·5 | 10·9 | 5 | 10 | 0 | S | 2 | N | 2 | N | 2 | 1·0 | 6·0 |
| 11 | 694·6 | 692·7 | 692·8 | 35·5 | — | 26·5 | 35·0 | 29·0 | 40 | 17 | 34 | 10·1 | 7·4 | 10·2 | 0 | 5 | 10 | S | 2 | W | 3 | W | 3 | 0·0 | 8·0 |
| 12 | 696·4 | 693·9 | 694·4 | 36·0 | — | 28·5 | 35·0 | 28·0 | 33 | 19 | 39 | 9·7 | 8·2 | 10·8 | 2 | 5 | 5 | W | 2 | N | 2 | W | 2 | 0·0 | 9·5 |
| 13 | 697·4 | 694·2 | 692·9 | 37·0 | — | 28·5 | 36·0 | 29·0 | 37 | 20 | 34 | 10·5 | 9·3 | 10·2 | 0 | 5 | 0 | W | 3 | S | 2 | W | 2 | 0·0 | 11·0 |
| 14 | 697·0 | 694·1 | 695·1 | 35·0 | — | 28·0 | 34·5 | 30·0 | 44 | 27 | 36 | 12·5 | 11·1 | 11·2 | 5 | 8 | 8 | W | 4 | W | 4 | W | 2 | 35·0 | 10·[illegible] |
| 15 | 697·0 | 694·2 | 696·7 | 37·5 | — | 25·5 | 36·0 | 24·0 | 65 | 23 | 57 | 15·7 | 10·1 | 12·5 | 5 | 5 | 10 | S | 1 | W | 3 | NW | 6 | 2·0 | 7·0 |
| 16 | 696·6 | 693·8 | 693·0 | 35·0 | — | 27·5 | 34·0 | 28·0 | 54 | 29 | 42 | 14·5 | 11·4 | 11·6 | 2 | 2 | 2 | S | 1 | E | 2 | W | 1 | 0·0 | 8·0 |
| 17 | 695·0 | 693·2 | 693·6 | 36·5 | | 26·5 | 36·0 | 28·0 | 53 | 20 | 39 | 13·4 | 9·3 | 10·8 | 0 | 0 | 0 | E | 1 | N | 2 | E | 1 | 0·0 | 12·0 |
| 18 | 696·0 | 693·5 | 693·8 | 37·5 | | 27·5 | 36·5 | 29·0 | 24 | 6 | 9 | 6·5 | 2·5 | 2·7 | 2 | 0 | 0 | S | 1 | N | 3 | N | 2 | 0·0 | 15·0 |
| 19 | 695·7 | 693·6 | 694·3 | 36·0 | — | 27·0 | 36·0 | 25·5 | 23 | 6 | 21 | 6·1 | 2·8 | 4·9 | 10 | 10 | 2 | E | 1 | N | 3 | SW | 2 | 0·0 | 13·0 |
| 20 | 695·7 | 692·7 | 693·0 | 38·5 | — | 28·0 | 37·5 | 29·0 | 33 | 11 | 24 | 9·2 | 5·0 | 7·1 | 2 | 0 | 0 | N | 2 | N | 2 | N | 1 | 0·0 | 12·0 |
| 21 | 695·2 | 692·8 | 692·4 | 39·0 | — | 30·5 | 38·5 | 30·0 | 14 | 10 | 23 | 4·7 | 5·2 | 7·2 | 0 | 2 | 5 | W | 4 | NW | 2 | S | 2 | 0·0 | 16·0 |
| 22 | 694·2 | 691·8 | 691·8 | 38·5 | — | 32·5 | 37·5 | 32·0 | 18 | 17 | 19 | 6·5 | 8·3 | 6·8 | 0 | 5 | 10 | W | 4 | W | 3 | N | 4 | 0·0 | 17·0 |
| 23 | 693·4 | 691·1 | 692·5 | 38·0 | — | 30·5 | 37·0 | 27·5 | 31 | 18 | 38 | 10·1 | 8·6 | 10·3 | 2 | 8 | 10 | W | 4 | W | 4 | N | 5 | 0·0 | 18·0 |
| 24 | 694·6 | 692·0 | 693·3 | 37·5 | — | 30·0 | 37·0 | 28·5 | 36 | 18 | 43 | 11·2 | 8·6 | 12·2 | 2 | 5 | 8 | S | 3 | NW | 3 | W | 2 | 0·0 | 11·0 |
| 25 | 694·7 | 692·4 | 692·2 | 37.5 | — | 30·5 | 37·0 | 30·5 | 39 | 20 | 29 | 12·6 | 9·5 | 9·3 | 0 | 5 | 10 | SE | 1 | N | 4 | NW | 3 | 0·0 | 12·0 |
| 26 | 697·1 | 693·8 | 693·7 | 36·5 | — | 28·0 | 36·0 | 26·5 | 47 | 20 | 40 | 13·3 | 9·3 | 10·1 | 0 | 5 | 10 | W | 2 | NW | 4 | W | 5 | 5·0 | 11·0 |
| 27 | 696·0 | 694·2 | 694·7 | 35·0 | — | 26·0 | 34·0 | 29·0 | 62 | 29 | 34 | 15·4 | 11·4 | 10·2 | 2 | 2 | 5 | SE | 2 | W | 4 | SE | 4 | 0·0 | 11·0 |
| 28 | 695·2 | 691·9 | 691·5 | 38·5 | — | 29·5 | 38·0 | 32·0 | 40 | 16 | 16 | 12·4 | 8·0 | 6·0 | 0 | 2 | 0 | S | 1 | N | 3 | W | 1 | 0·0 | 15·0 |
| 29 | 694·3 | 691·3 | 692·0 | 38·5 | — | 29·0 | 38·0 | 31·0 | 40 | 14 | 13 | 11·9 | 7·2 | 4·4 | 2 | 2 | 2 | S | 3 | S | 2 | N | 1 | 0·0 | 17·0 |
| 30 | 695·9 | 693·4 | 695·0 | 36·0 | — | 27·5 | 35·5 | 27·5 | 47 | 20 | 24 | 12·8 | 8·7 | 6·5 | 5 | 5 | 5 | S | 4 | N | 3 | E | 1 | 0·0 | 15·0 |
| 31 | 697·3 | 694·0 | 694·0 | 36·0 | — | 27·0 | 35·5 | 28·0 | 49 | 20 | 39 | 13·1 | 8·7 | 10·8 | 2 | 5 | 0 | W | 4 | W | 3 | S | 2 | 0·0 | 15·0 |
| Month | 695·82 | 693·18 | 693·81 | 36·3 | — | 27·7 | 35·6 | 28·0 | 45 | 21 | 37 | 11·9 | 8·8 | 9·9 | 3·2 | 5·3 | 5·4 | — | 2·6 | — | 2·7 | — | 2·3 | 131·0 | 10·92 |

**Remarks** :—1 ● 20h.—4 ● 20h.—7 ● 20h.—10 ● 14h.—14 ● T 14h. -15 ● 20h.—19 ≋ 8h, 14h.—26 ● T 20h.

$C_h = +61$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 695·7 | 694·5 | 693·8 | 36·0 | — | 28·0 | 35·5 | 31·0 | 12 | 0 | 2 | 3·4 | 0·2 | 0·8 | 2 | 5 | 0 | W | 1 | W | 2 | S | 1 | 0·0 | 17·0 |
| 2 | 696·0 | 693·2 | 694·0 | 36·5 | — | 29·0 | 36·0 | 27·0 | 14 | 5 | 15 | 4·2 | 2·1 | 4·0 | 0 | 0 | 0 | E | 2 | N | 3 | N | 1 | 0·0 | 18·0 |
| 3 | 695·3 | 693·1 | 694·0 | 37·5 | — | 28·0 | 36·5 | 28·0 | 17 | 2 | 17 | 4·8 | 1·0 | 4·8 | 2 | 3 | 5 | N | 1 | NW | 2 | S | 1 | 0·0 | 15·0 |
| 4 | 695·8 | 693·2 | 694·0 | 37·5 | — | 29·5 | 37·0 | 27·5 | 10 | 0 | 8 | 3·1 | 0·1 | 2·3 | 3 | 2 | 0 | E | 1 | N | 4 | S | 1 | 0·0 | 14·0 |
| 5 | 695·9 | 693·4 | 693·7 | 37·5 | — | 29·0 | 36·5 | 32·0 | 14 | 1 | 4 | 4·2 | 0·3 | 1·6 | 5 | 3 | 10 | SE | 2 | NW | 4 | W | 2 | 0·0 | 15·0 |
| 6 | 695·9 | 692·9 | 693·1 | 38·5 | — | 30·0 | 37·5 | 31·5 | 21 | 6 | 8 | 6·5 | 2·7 | 2·6 | 2 | 2 | 0 | W | 4 | N | 4 | N | 2 | 0·0 | 15·0 |
| 7 | 695·1 | 692·1 | 691·9 | 39·5 | — | 30·0 | 38·5 | 28·5 | 18 | 2 | 10 | 5·7 | 1·3 | 3·0 | 0 | 0 | 0 | S | 1 | W | 2 | S | 1 | 0·0 | 15·0 |
| 8 | 694·9 | 692·2 | 692·6 | 40·0 | — | 30·0 | 39·0 | 30·0 | 16 | 2 | 11 | 5·0 | 1·0 | 3·6 | 5 | 3 | 5 | W | 2 | W | 3 | W | 1 | 0·0 | 17·0 |
| 9 | 695·5 | 692·8 | 693·5 | 39·5 | — | 29·0 | 38·5 | 31·0 | 40 | 14 | 15 | 11·9 | 6·9 | 5·1 | 3 | 2 | 8 | SW | 6 | W | 4 | W | 2 | 0·0 | 15·0 |
| 10 | 696·0 | 693·8 | 694·5 | 38·5 | — | 31·5 | 38·0 | 32·0 | 32 | 16 | 24 | 11·2 | 8·0 | 8·4 | 2 | 5 | 10 | W | 6 | W | 4 | W | 2 | 0·0 | 17·0 |
| 11 | 696·0 | 693·5 | 693·7 | 38·0 | — | 32·0 | 37·5 | 30·0 | 26 | 15 | 23 | 9·2 | 7·5 | 7·2 | 3 | 3 | 0 | S | 6 | W | 4 | W | 2 | 0·0 | 15·0 |
| 12 | 695·4 | 692·6 | 692·7 | 39·0 | — | 31·0 | 38·5 | 28·5 | 27 | 10 | 10 | 9·0 | 5·2 | 3·0 | 5 | 0 | 0 | SW | 4 | SW | 4 | SW | 1 | 0·0 | 16·5 |
| 13 | 696·3 | 693·9 | 694·5 | 38·0 | — | 30·0 | 37·5 | 31·0 | 25 | 12 | 9 | 8·0 | 5·8 | 2·9 | 0 | 0 | 0 | S | 4 | W | 4 | W | 2 | 0·0 | 14·0 |
| 14 | 697·4 | 695·3 | 695·4 | 37·5 | — | 29·0 | 37·0 | 30·0 | 27 | 6 | 9 | 8·2 | 3·0 | 2·8 | 0 | 0 | 5 | S | 4 | W | 4 | S | 2 | 0·0 | 14·0 |
| 15 | 698·7 | 695·6 | 695·5 | 36·0 | — | 28·0 | 36·0 | 30·5 | 39 | 15 | 19 | 10·8 | 6·7 | 6·2 | 0 | 5 | 8 | S | 4 | N | 4 | S | 2 | 0·0 | 12·0 |
| 16 | 697·5 | 694·6 | 694·5 | 36·5 | — | 28·0 | 36·0 | 28·5 | 42 | 17 | 20 | 11·6 | 7·6 | 5·9 | 0 | 2 | 0 | S | 3 | W | 3 | S | 2 | 0·0 | 11·5 |
| 17 | 697·3 | 694·2 | 694·5 | 36·5 | — | 28·5 | 35·5 | 30·5 | 37 | 16 | 21 | 10·5 | 7·0 | 6·9 | 5 | 5 | 0 | S | 4 | S | 3 | S | 2 | 0·0 | 11·0 |
| 18 | 696·9 | 693·9 | 694·6 | 37·0 | — | 29·0 | 36·0 | 32·5 | 31 | 15 | 18 | 9·4 | 6·7 | 6·5 | 0 | 7 | 5 | W | 4 | W | 4 | W | 3 | 0·0 | 12·0 |
| 19 | 697·2 | 694·8 | 694·8 | 36·0 | — | 29·5 | 35·0 | 32·0 | 32 | 19 | 21 | 9·9 | 8·2 | 7·6 | 5 | 5 | 10 | S | 4 | S | 4 | S | 2 | 0·0 | 12·0 |
| 20 | 697·7 | 694·3 | 694·6 | 36·0 | — | 28·0 | 36·0 | 31·0 | 42 | 17 | 17 | 11·6 | 7·6 | 5·9 | 5 | 5 | 10 | W | 4 | N | 3 | W | 2 | 0·0 | 13·5 |
| 21 | 697·2 | 694·0 | 694·4 | 35·5 | — | 28·0 | 35·5 | 32·0 | 42 | 18 | 19 | 11·6 | 7·9 | 6·8 | 0 | 5 | 5 | W | 4 | N | 3 | S | 2 | 0·0 | 14·0 |
| 22 | 697·4 | 694·7 | 695·2 | 35·5 | — | 27·5 | 35·0 | 24·0 | 47 | 21 | 67 | 12·8 | 9·0 | 14·9 | 2 | 8 | 10 | S | 6 | NW | 4 | S | 4 | 0·0 | 10·0 |
| 23 | 696·7 | 694·8 | 695·0 | 34·5 | — | 26·0 | 34·0 | 28·5 | 48 | 22 | 37 | 12·1 | 8·8 | 10·5 | 0 | 3 | 2 | E | 2 | N | 3 | S | 2 | 3·0 | 9·0 |
| 24 | 697·1 | 692·6 | 698·0 | 36·0 | — | 25·5 | 35·5 | 21·0 | 55 | 20 | 87 | 13·2 | 8·7 | 15·9 | 3 | 2 | 10 | S | 3 | S | 3 | S | 5 | 9·0 | 7·0 |
| 25 | 697·8 | 695·0 | 697·1 | 33·0 | — | 25·0 | 32·5 | 20·5 | 61 | 29 | 86 | 14·3 | 10·6 | 15·4 | 5 | 5 | 10 | S | 3 | S | 3 | S | 5 | 10·0 | 5·5 |
| 26 | 697·3 | 694·5 | 696·5 | 33·0 | — | 23·5 | 32·0 | 25·0 | 71 | 33 | 61 | 15·2 | 11·7 | 14·3 | 5 | 5 | 10 | S | 2 | W | 3 | NE | 4 | 2·0 | 6·0 |
| 27 | 697·4 | 696·8 | 697·6 | 30·0 | — | 24·0 | 30·0 | 25·0 | 67 | 41 | 61 | 14·9 | 13·0 | 14·3 | 5 | 10 | 10 | S | 3 | N | 4 | S | 5 | 15·0 | 6·0 |
| 28 | 698·6 | 697·7 | 698·2 | 24·5 | — | 23·0 | 23·5 | 22·0 | 78 | 79 | 82 | 16·4 | 17·0 | 16·2 | 10 | 10 | 10 | S | 5 | S | 5 | S | 5 | 2·0 | 2·5 |
| 29 | 696·9 | 695·2 | 697·7 | 33·5 | — | 26·0 | 33·0 | 21·0 | 62 | 32 | 87 | 15·4 | 12·0 | 15·9 | 2 | 5 | 10 | S | 3 | S | 3 | S | 5 | 15·0 | 6·5 |
| 30 | 997·7 | 695·8 | 695·7 | 31·5 | — | 25·0 | 31·5 | 22·0 | 68 | 40 | 70 | 16·0 | 13·8 | 13·7 | 10 | 5 | 10 | E | 2 | W | 3 | S | 5 | 1·0 | 6·0 |
| Month | 696·69 | 694·17 | 694·84 | 36·0 | — | 28·0 | 35·4 | 28·1 | 37 | 18 | 31 | 10·0 | 6·7 | 7·6 | 3·0 | 3·8 | 5·4 | — | 3·3 | — | 3·4 | — | 2·5 | 57·0 | 12·07 |

**Remarks** :—24-29 ● 20h.—30 ● 8h.

# GALLABAT.

$\varphi = 12° 47' 30''$ N. $\lambda = 36° 9' 30''$ E. H = 764·0 m. $h_t = 1·4$ m. $h_r = 1·7$ m.

$C_h = +62$ mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 697·0 | 694·8 | 695·9 | 33·0 | — | 24·0 | 32·0 | 26·0 | 67 | 33 | 55 | 14·9 | 11·7 | 13·7 | 2 | 0 | 8 | S | 3 | S | 2 | S | 1 | 6·5 | 7·0 |
| 2 | 697·4 | 695·3 | 696·3 | 33·0 | — | 23·5 | 32·0 | 28·0 | 71 | 36 | 51 | 15·2 | 12·0 | 14·2 | 2 | 0 | 10 | S | 5 | W | 2 | N | 3 | 7·5 | 6·5 |
| 3 | 697·0 | 695·0 | 697·0 | 32·0 | — | 24·0 | 32·0 | 23·0 | 67 | 36 | 74 | 14·9 | 12·6 | 15·5 | 0 | 5 | 10 | S | 3 | W | 3 | E | 3 | 0·0 | 6·0 |
| 4 | 696·9 | 695·0 | 696·4 | 34·0 | — | 25·0 | 33·5 | 27·5 | 61 | 30 | 41 | 14·3 | 11·7 | 11·2 | 0 | 2 | 10 | S | 3 | N | 2 | S | 4 | 0·0 | 7·5 |
| 5 | 698·2 | 696·2 | 698·1 | 34·0 | — | 24·5 | 33·0 | 25·0 | 64 | 32 | 51 | 14·6 | 12·0 | 11·9 | 0 | 2 | 10 | S | 2 | S | 3 | N | 4 | 5·0 | 6·5 |
| 6 | 698·3 | 695·8 | 697·8 | 32·0 | — | 24·5 | 31·5 | 22·5 | 68 | 40 | 66 | 15·5 | 13·8 | 13·4 | 0 | 2 | 10 | S | 5 | S | 3 | S | 7 | 21·0 | 6·0 |
| 7 | 698·2 | 695·9 | 696·4 | 32·0 | — | 23·5 | 31·5 | 25·5 | 67 | 37 | 62 | 14·4 | 12·9 | 14·9 | 0 | 2 | 5 | S | 2 | S | 2 | N | 1 | 2·0 | 5·0 |
| 8 | 696·0 | 695·4 | 695·7 | 29·5 | — | 25·0 | 28·5 | 26·0 | 61 | 52 | 55 | 14·3 | 14·8 | 13·7 | 8 | 2 | 5 | S | 1 | S | 2 | W | 2 | 0·0 | 5·5 |
| 9 | 697·8 | 695·4 | 696·4 | 30·5 | — | 23·5 | 30·0 | 25·0 | 67 | 44 | 64 | 14·4 | 13·8 | 15·2 | 5 | 0 | 2 | S | 2 | S | 3 | S | 1 | 29·0 | 6·0 |
| 10 | 698·2 | 695·6 | 696·5 | 30·0 | — | 23·0 | 29·0 | 24·0 | 74 | 49 | 75 | 15·5 | 14·5 | 16·6 | 5 | 2 | 10 | S | 3 | W | 3 | S | 1 | 21·5 | 5·0 |
| 11 | 698·6 | 695·9 | 696·5 | 27·0 | — | 21·5 | 27·0 | 23·0 | 78 | 56 | 70 | 14·8 | 14·8 | 14·7 | 10 | 8 | 8 | S | 2 | S | 4 | W | 1 | 0·0 | 4·0 |
| 12 | 697·2 | 695·5 | 696·5 | 29·0 | — | 22·0 | 28·0 | 25·0 | 78 | 51 | 61 | 15·3 | 14·2 | 14·3 | 10 | 2 | 5 | E | 2 | NW | 2 | S | 1 | 19·0 | 4·5 |
| 13 | 699·0 | 696·4 | 697·5 | 29·5 | — | 22·5 | 29·0 | 25·0 | 78 | 49 | 68 | 15·8 | 14·5 | 16·0 | 2 | 2 | 8 | S | 1 | S | 2 | S | 2 | 0·0 | 4·5 |
| 14 | 698·1 | 696·0 | 695·9 | 31·5 | — | 25·0 | 31·0 | 27·0 | 64 | 37 | 52 | 15·2 | 12·3 | 14·0 | 0 | 2 | 10 | S | 2 | W | 3 | S | 1 | 15·0 | 6·5 |
| 15 | 697·8 | 695·0 | 695·9 | 28·0 | — | 23·0 | 28·0 | 23·0 | 74 | 54 | 83 | 15·5 | 15·1 | 17·3 | 5 | 2 | 5 | S | 2 | S | 2 | S | 1 | 0·0 | 5·0 |
| 16 | 696·4 | 694·8 | 696·2 | 30·5 | — | 23·0 | 30·0 | 25·0 | 74 | 44 | 54 | 15·5 | 13·8 | 12·7 | 10 | 5 | 10 | W | 2 | S | 3 | S | 5 | 38·0 | 5·5 |
| 17 | 699·0 | 697·1 | 697·3 | 27·0 | — | 21·5 | 26·5 | 24·0 | 82 | 59 | 72 | 15·6 | 15·1 | 15·8 | 10 | 5 | 10 | S | 3 | S | 3 | S | 1 | 0·0 | 4·0 |
| 18 | 698·1 | 696·4 | 697·3 | 30·5 | — | 25·0 | 30·0 | 24·0 | 68 | 47 | 72 | 16·0 | 14·7 | 15·8 | 0 | 5 | 10 | W | 3 | W | 2 | S | 1 | 0·0 | 5·0 |
| 19 | 697·4 | 695·2 | 696·8 | 31·0 | — | 26·0 | 31·0 | 26·0 | 62 | 42 | 66 | 15·4 | 14·1 | 16·3 | 5 | 8 | 10 | SW | 1 | S | 2 | S | 1 | 14·0 | 5·0 |
| 20 | 695·8 | 694·5 | 696·7 | 27·0 | — | 21·0 | 27·0 | 24·0 | 91 | 63 | 79 | 16·8 | 16·6 | 17·5 | 10 | 10 | 10 | S | 5 | S | 2 | S | 2 | 2·5 | 3·0 |
| 21 | 698·0 | 695·3 | 696·7 | 29·0 | — | 22·0 | 28·0 | 24·0 | 82 | 54 | 75 | 16·2 | 15·1 | 16·6 | 10 | 8 | 10 | W | 5 | S | 2 | S | 1 | 0·0 | 3·5 |
| 22 | 698·8 | 696·9 | 697·0 | 27·5 | — | 22·0 | 27·0 | 23·5 | 87 | 60 | 71 | 17·0 | 15·7 | 15·2 | 10 | 8 | 10 | E | 5 | E | 2 | E | 1 | 0·0 | 3·5 |
| 23 | 697·2 | 694·9 | 695·4 | 30·5 | — | 24·5 | 30·0 | 24·0 | 72 | 44 | 72 | 16·3 | 13·8 | 15·8 | 5 | 5 | 5 | W | 1 | S | 2 | S | 2 | 3·0 | 5·0 |
| 24 | 697·2 | 694·5 | 695·8 | 28·5 | — | 20·5 | 28·0 | 22·5 | 91 | 54 | 74 | 16·3 | 15·1 | 15·0 | 10 | 5 | 5 | S | 5 | S | 2 | S | 1 | 2·0 | 4·0 |
| 25 | 698·3 | 697·7 | 697·4 | 27·0 | — | 23·0 | 26·5 | 23·5 | 83 | 63 | 71 | 17·3 | 16·0 | 15·2 | 10 | 10 | 5 | E | 5 | S | 5 | W | 2 | 0·0 | 3·0 |
| 26 | 698·5 | 696·0 | 695·4 | 30·0 | — | 24·5 | 30·0 | 24·5 | 72 | 47 | 68 | 16·3 | 14·7 | 15·5 | 8 | 5 | 10 | SE | 2 | W | 2 | N | 5 | 0·0 | 5·0 |
| 27 | 698·7 | 695·8 | 696·8 | 29·5 | — | 23·5 | 29·0 | 24·0 | 75 | 46 | 72 | 16·1 | 13·6 | 15·8 | 8 | 8 | 10 | S | 3 | S | 4 | S | 1 | 0·0 | 5·0 |
| 28 | 697·5 | 695·2 | 695·2 | 29·0 | — | 23·5 | 29·0 | 25·0 | 71 | 49 | 68 | 15·2 | 14·5 | 16·0 | 10 | 5 | 10 | S | 5 | W | 3 | W | 2 | 0·0 | 5·0 |
| 29 | 696·6 | 694·6 | 695·4 | 31·5 | — | 24·0 | 30·5 | 25·0 | 75 | 45 | 68 | 16·6 | 14·4 | 16·0 | 10 | 5 | 5 | S | 1 | W | 2 | E | 1 | 0·0 | 5·0 |
| 30 | 697·6 | 695·6 | 697·5 | 29·0 | — | 25·0 | 28·5 | 24·0 | 68 | 52 | 75 | 16·0 | 14·8 | 16·6 | 10 | 10 | 10 | S | 2 | SW | 5 | W | 2 | 30·0 | 4·0 |
| 31 | 699·2 | 696·9 | 697·7 | 27·5 | — | 22·0 | 27·5 | 24·5 | 87 | 60 | 76 | 17·0 | 16·3 | 17·2 | 10 | 5 | 5 | S | 2 | SW | 3 | S | 1 | 0·0 | 3·5 |
| Month | 697·74 | 695·63 | 696·56 | 30·0 | — | 23·4 | 29·5 | 24·6 | 74 | 47 | 66 | 15·6 | 14·2 | 15·1 | 6·0 | 4·5 | 8·1 | — | 2·8 | — | 2·6 | — | 2·0 | 216·0 | 4.98 |

**Remarks:**—5 ● 20h.—6 ● 20h.—16 ● 20h.—24 ● 8h.

$C_h = +62$ mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 697·6 | 695·3 | 697·4 | 28·5 | 16·0 | 24·5 | 28·5 | 22·0 | 76 | 55 | 87 | 17·2 | 15·6 | 17·0 | 10 | 10 | 10 | S | 3 | W | 3 | S | 5 | 2·0 | 3·0 |
| 2 | 697·4 | 694·9 | 696·1 | 27·5 | 15·0 | 22·0 | 27·0 | 22·0 | 87 | 60 | 82 | 17·0 | 15·7 | 16·2 | 10 | 10 | 10 | S | 1 | W | 2 | S | 5 | 5·0 | 4·0 |
| 3 | 697·0 | 695·2 | 696·6 | 28·0 | 14·0 | 21·5 | 26·5 | 23·5 | 91 | 66 | 87 | 17·3 | 16·9 | 18·7 | 10 | 8 | 10 | S | 1 | W | 3 | S | 5 | 3·0 | 3·0 |
| 4 | 698·4 | 695·8 | 698·0 | 28·0 | 14·0 | 22·5 | 28·0 | 19·0 | 87 | 57 | 90 | 17·6 | 16·0 | 14·7 | 10 | 8 | 10 | S | 2 | S | 3 | W | 5 | 41·0 | 2·5 |
| 5 | 698·0 | 696·1 | 696·7 | 28·5 | 13·5 | 23·0 | 28·0 | 21·0 | 78 | 57 | 91 | 16·4 | 16·0 | 16·8 | 5 | 10 | 10 | S | 3 | SW | 2 | W | 2 | 2·0 | 2·5 |
| 6 | 697·7 | 695·2 | 697·4 | 30·0 | 14·5 | 25·0 | 30·0 | 22·5 | 68 | 59 | 83 | 16·0 | 18·5 | 16·7 | 8 | 5 | 10 | E | 1 | S | 1 | S | 2 | 0·0 | 3·5 |
| 7 | 697·8 | 694·7 | 697·1 | 31·0 | 15·0 | 23·0 | 30·5 | 21·0 | 74 | 50 | 91 | 15·5 | 16·3 | 16·8 | 8 | 10 | 10 | S | 2 | W | 3 | W | 5 | 11·0 | 4·0 |
| 8 | 699·0 | 695·0 | 697·1 | 26·5 | 15·0 | 21·5 | 26·0 | 22·0 | 91 | 66 | 91 | 17·3 | 16·3 | 17·9 | 10 | 10 | 10 | S | 2 | E | 3 | S | 2 | 1·0 | 2·5 |
| 9 | 696·7 | 694·4 | 695·7 | 28·0 | 15·5 | 25·0 | 28·0 | 21·0 | 76 | 60 | 95 | 17·8 | 16·9 | 17·6 | 10 | 10 | 10 | E | 1 | W | 2 | S | 1 | 8·0 | 2·5 |
| 10 | 698·6 | 695·5 | 696·8 | 27·5 | 14·0 | 20·5 | 27·0 | 23·5 | 91 | 60 | 79 | 16·3 | 15·7 | 17·0 | 10 | 5 | 10 | SE | 2 | S | 3 | S | 1 | 0·0 | 3·0 |
| 11 | 698·1 | 695·9 | 697·2 | 29·0 | 15·5 | 23·0 | 28·5 | 22·0 | 88 | 55 | 87 | 18·1 | 15·6 | 17·0 | 10 | 5 | 10 | E | 2 | W | 2 | S | 1 | 1·0 | 3·0 |
| 12 | 698·4 | 696·7 | 697·3 | 27·5 | 15·5 | 25·5 | 27·0 | 21·5 | 69 | 69 | 91 | 16·6 | 18·4 | 17·3 | 2 | 10 | 10 | S | 2 | S | 5 | S | 1 | 2·0 | 2·0 |
| 13 | 698·2 | 696·1 | 696·5 | 27·0 | 15·5 | 23·0 | 26·5 | 24·5 | 83 | 66 | 76 | 17·3 | 16·9 | 17·2 | 10 | 8 | 10 | N | 3 | W | 3 | S | 1 | 28·5 | 2·0 |
| 14 | 697·5 | 695·3 | 697·0 | 28·5 | 14·0 | 19·5 | 28·0 | 23·0 | 90 | 63 | 88 | 15·2 | 17·8 | 18·1 | 10 | 5 | 10 | E | 1 | S | 2 | S | 2 | 11·0 | 2·5 |
| 15 | 697·2 | 695·3 | 696·1 | 27·5 | 16·5 | 23·5 | 27·5 | 23·5 | 79 | 63 | 87 | 17·0 | 17·2 | 18·7 | 5 | 5 | 10 | SE | 1 | S | 3 | S | 1 | 0·0 | 3·0 |
| 16 | 697·2 | 695·5 | 697·8 | 29·0 | 17·0 | 23·0 | 28·5 | 20·0 | 83 | 58 | 91 | 17·3 | 16·6 | 15·7 | 10 | 8 | 10 | E | 3 | S | 3 | W | 3 | 10·5 | 3·0 |
| 17 | 698·6 | 696·3 | 697·3 | 27·0 | 15·0 | 21·5 | 27·0 | 21·0 | 87 | 63 | 95 | 16·5 | 16·6 | 17·6 | 10 | 10 | 10 | S | 2 | W | 2 | S | 3 | 0·0 | 2·5 |
| 18 | 698·2 | 696·3 | 697·2 | 28·5 | 16·0 | 22·0 | 28·0 | 22·0 | 82 | 63 | 74 | 16·2 | 17·8 | 14·5 | 10 | 10 | 10 | S | 3 | W | 2 | S | 1 | 0·0 | 3·0 |
| 19 | 696·7 | 694·6 | 695·5 | 31·5 | 18·0 | 24·0 | 31·0 | 24·5 | 79 | 48 | 80 | 17·5 | 15·9 | 18·1 | 0 | 8 | 10 | E | 3 | N | 2 | S | 1 | 14·0 | 3·5 |
| 20 | 695·5 | 694·2 | 694·4 | 27·5 | 18·0 | 24·0 | 26·5 | 20·0 | 79 | 66 | 91 | 17·5 | 16·9 | 15·7 | 2 | 10 | 10 | S | 4 | N | 3 | S | 3 | 1·0 | 3·5 |
| 21 | 696·4 | 694·3 | 696·2 | 29·0 | 18·0 | 23·5 | 29·0 | 23·5 | 75 | 55 | 79 | 16·1 | 16·3 | 17·0 | 2 | 2 | 10 | S | 3 | E | 2 | W | 5 | 6·5 | 4·5 |
| 22 | 697·4 | 695·8 | 696·8 | 28·5 | 17·5 | 24·0 | 28·5 | 22·5 | 72 | 52 | 87 | 15·8 | 14·8 | 17·6 | 5 | 8 | 10 | E | 3 | W | 3 | S | 2 | 1·0 | 3·5 |
| 23 | 697·4 | 695·4 | 696·7 | 31·0 | 20·0 | 24·0 | 31·0 | 22·0 | 75 | 42 | 91 | 16·6 | 14·1 | 17·9 | 5 | 5 | 10 | E | 3 | N | 3 | S | 1 | 3·0 | 3·0 |
| 24 | 696·8 | 694·9 | 696·1 | 28·5 | 19·5 | 24·0 | 28·0 | 24·0 | 75 | 57 | 79 | 16·6 | 16·0 | 17·5 | 2 | 8 | 10 | E | 3 | W | 3 | E | 2 | 4·0 | 4·0 |
| 25 | 697·4 | 696·2 | 698·4 | 28·0 | 20·0 | 23·5 | 27·5 | 23·0 | 75 | 63 | 91 | 16·1 | 17·2 | 19·0 | 2 | 10 | 10 | S | 4 | W | 4 | E | 2 | 1·0 | 3·5 |
| 26 | 698·1 | 696·9 | 698·0 | 30·0 | 20·5 | 24·0 | 29·0 | 24·0 | 79 | 58 | 87 | 17·5 | 17·2 | 19·3 | 2 | 5 | 10 | E | 3 | S | 4 | N | 1 | 4·0 | 4·0 |
| 27 | 698·2 | 696·3 | 697·3 | 30·0 | 20·5 | 23·0 | 30·0 | 24·0 | 78 | 50 | 83 | 16·4 | 15·6 | 18·4 | 10 | 2 | 8 | S | 3 | W | 3 | S | 1 | 6·0 | 4·0 |
| 28 | 699·0 | 697·0 | 698·0 | 27·5 | 19·5 | 21·5 | 27·5 | 21·0 | 91 | 60 | 91 | 17·3 | 16·3 | 16·8 | 5 | 8 | 10 | N | 2 | S | 3 | S | 2 | 10·0 | 3·0 |
| 29 | 698·4 | 696·0 | 697·4 | 29·0 | 19·0 | 22·5 | 29·0 | — | 74 | 58 | — | 15·0 | 17·2 | — | 5 | 5 | 10 | E | 3 | W | 3 | S | 2 | 10·5 | 2·5 |
| 30 | 696·7 | 694·7 | 697·0 | 30·5 | 20·5 | 24·5 | 30·0 | — | 72 | 53 | — | 16·3 | 16·6 | — | 8 | 2 | 8 | E | 1 | S | 2 | S | 1 | 0·0 | 4·0 |
| 31 | 696·7 | 695·0 | 697·5 | 31·0 | 20·0 | 25·0 | 31·0 | 21·0 | 72 | 48 | 87 | 16·9 | 15·9 | 15·9 | 2 | 2 | 10 | E | 2 | W | 2 | E | 6 | 0·0 | 5·0 |
| Month | 697·62 | 695·51 | 696·92 | 28·7 | 16·9 | 23·1 | 28·3 | 22·2 | 80 | 58 | 87 | 16·7 | 16·5 | 17·2 | 6·7 | 7·2 | 9·9 | — | 2·3 | — | 2·7 | — | 2·4 | 187·0 | 3·21 |

**Remarks:**—2-5 ● 20h.—7 ● 20h.—9 ● 20h.—12 ● 14h.—13 ● 2h.—14 ● 20h.—16 ● 20h.—19 ● 20h.—21-24 ● 20h.—26 ● 20h.—28 ● 20h.—29 ● 20h.

# GALLABAT.

$\varphi = 12° 47' 30''$ N. $\lambda = 36° 9' 30''$ E. H = 764·0 m. $h_t$ = 1·4 m. $h_r$ = 1·7 m.

$C_h$ = + 62 mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 696·6 | 695·5 | 695·9 | 30·0 | 18·5 | 23·5 | 29·5 | 21·0 | 71 | 58 | 91 | 15·2 | 17·8 | 16·8 | 2 | 5 | 10 | E | 2 | S | 2 | S | 4 | 1·0 | 4·0 |
| 2 | 696·8 | 694·5 | 695·4 | 28·5 | 20·0 | 23·5 | 28·5 | 21·0 | 75 | 58 | 87 | 16·1 | 16·6 | 15·9 | 2 | 7 | 10 | E | 2 | W | 3 | W | 3 | 0·0 | 4·0 |
| 3 | 695·4 | 695·0 | 695·4 | 31·5 | 20·0 | 23·0 | 31·5 | 24·0 | 74 | 37 | 67 | 15·5 | 12·9 | 14·9 | 10 | 5 | 2 | E | 4 | N | 3 | E | 2 | 0·0 | 4·5 |
| 4 | 697·0 | 695·4 | 696·8 | 29·0 | 22·0 | 24·0 | 28·5 | 22·0 | 79 | 58 | 91 | 17·5 | 16·6 | 17·9 | 5 | 10 | 10 | S | 2 | S | 3 | S | 1 | 1·0 | 3·0 |
| 5 | 698·0 | 695·3 | 696·8 | 29·0 | 20·5 | 22·0 | 28·5 | 21·5 | 82 | 55 | 78 | 16·2 | 15·6 | 14·8 | 10 | 10 | 10 | S | 3 | S | 3 | S | 3 | 3·0 | 3·5 |
| 6 | 697·8 | 695·2 | 696·3 | 28·0 | 20·5 | 23·5 | 27·5 | 22·5 | 83 | 60 | 92 | 17·8 | 16·3 | 18·5 | 10 | 7 | 5 | E | 1 | W | 3 | S | 1 | 3·0 | 3·0 |
| 7 | 696·5 | 694·2 | 696·2 | 30·0 | 20·0 | 22·5 | 30·0 | 20·0 | 78 | 53 | 86 | 15·8 | 16·6 | 14·9 | 10 | 2 | 10 | E | 3 | W | 3 | S | 2 | 0·0 | 3·5 |
| 8 | 697·4 | 695·2 | 697·2 | 31·5 | 20·0 | 24·0 | 31·0 | 22·0 | 75 | 48 | 91 | 16·6 | 15·9 | 17·9 | 7 | 10 | 10 | E | 3 | S | 2 | S | 2 | 2·0 | 3·0 |
| 9 | 697·7 | 695·3 | 696·7 | 30·5 | 22·0 | 23·0 | 30·5 | 24·0 | 91 | 50 | 83 | 19·0 | 16·3 | 18·4 | 10 | 5 | 8 | E | 1 | W | 3 | E | 1 | 17·0 | 3·5 |
| 10 | 696·8 | 694·8 | 696·2 | 29·5 | 19·5 | 23·0 | 28·5 | 22·0 | 78 | 58 | 87 | 16·4 | 16·6 | 17·0 | 5 | 7 | 10 | S | 5 | W | 1 | E | 2 | 1·0 | 3·0 |
| 11 | 696·8 | 694·3 | 695·4 | 30·5 | 19·5 | 24·5 | 30·0 | 24·5 | 72 | 53 | 80 | 16·3 | 16·6 | 18·1 | 0 | 7 | 10 | E | 3 | W | 3 | S | 1 | 0·0 | 3·0 |
| 12 | 695·9 | 693·8 | 695·6 | 30·5 | 20·0 | 25·0 | 30·0 | 25·0 | 72 | 53 | 83 | 16·9 | 16·6 | 17·3 | 3 | 7 | 10 | E | 3 | S | 3 | S | 2 | 0·0 | 3·0 |
| 13 | 697·0 | 694·6 | 696·1 | 30·5 | 21·5 | 26·0 | 29·5 | 22·0 | 73 | 55 | 87 | 18·1 | 16·9 | 17·0 | 2 | 10 | 10 | S | 3 | S | 1 | S | 2 | 3·0 | 2·5 |
| 14 | 696·1 | 694·2 | 696·1 | 31·5 | 20·5 | 25·0 | 31·5 | 23·0 | 76 | 51 | 66 | 17·8 | 17·5 | 13·9 | 2 | 7 | 10 | E | 2 | W | 2 | S | 2 | 0·0 | 5·0 |
| 15 | 697·1 | 694·4 | 695·9 | 32·0 | 20·5 | 25·0 | 31·5 | 22·5 | 72 | 40 | 63 | 16·9 | 13·8 | 12·6 | 0 | 5 | 10 | E | 2 | S | 3 | S | 6 | 0·0 | 5·5 |
| 16 | 696·9 | 691·6 | 695·7 | 31·5 | 19·5 | 25·5 | 31·0 | 23·0 | 69 | 48 | 83 | 16·6 | 15·9 | 17·3 | 0 | 5 | 10 | E | 2 | S | 3 | E | 3 | 8·0 | 4·0 |
| 17 | 697·0 | 695·1 | 696·7 | 28·5 | 19·5 | 23·5 | 28·0 | 22·0 | 75 | 60 | 82 | 16·1 | 16·9 | 16·2 | 7 | 7 | 10 | S | 3 | S | 3 | S | 1 | 10·0 | 4·0 |
| 18 | 697·7 | 694·9 | 696·8 | 30·5 | 19·5 | 22·5 | 30·0 | 23·5 | 87 | 53 | 83 | 17·6 | 16·6 | 17·8 | 5 | 3 | 10 | E | 2 | S | 2 | S | 2 | 0·0 | 3·5 |
| 19 | 697·5 | 694·8 | 695·4 | 30·5 | 20·5 | 25·0 | 30·5 | 24·0 | 68 | 50 | 83 | 16·0 | 16·3 | 18·4 | 2 | 5 | 0 | E | 3 | N | 3 | S | 2 | 0·0 | 4·0 |
| 20 | 697·9 | 694·8 | 696·4 | 31·5 | 20·5 | 25·0 | 31·0 | 23·5 | 72 | 48 | 87 | 16·9 | 15·9 | 18·7 | 2 | 7 | 0 | W | 2 | N | 3 | S | 1 | 0·0 | 4·0 |
| 21 | 696·8 | 694·6 | 695·4 | 31·0 | 21·5 | 26·5 | 30·5 | 24·0 | 63 | 47 | 79 | 16·0 | 15·3 | 17·5 | 0 | 5 | 0 | E | 2 | W | 4 | S | 1 | 0·0 | 4·0 |
| 22 | 696·3 | 693·2 | 694·6 | 34·5 | 21·5 | 26·5 | 34·0 | 24·0 | 63 | 33 | 79 | 16·0 | 13·2 | 17·5 | 5 | 5 | 0 | E | 3 | E | 3 | S | 2 | 0·0 | 5·5 |
| 23 | 696·8 | 693·5 | 695·3 | 33·5 | 22·0 | 26·0 | 33·5 | 22·5 | 69 | 38 | 70 | 17·2 | 14·4 | 14·2 | 5 | 7 | 10 | E | 1 | W | 6 | S | 2 | 3·0 | 4·0 |
| 24 | 698·2 | 695·6 | 697·0 | 31·5 | 21·0 | 25·0 | 31·0 | 24·0 | 68 | 42 | 72 | 16·0 | 14·1 | 15·8 | 5 | 5 | 10 | E | 2 | W | 3 | S | 1 | 0·0 | 6·0 |
| 25 | 697·4 | 694·5 | 695·3 | 34·5 | 20·5 | 25·5 | 34·5 | 25·0 | 65 | 29 | 68 | 15·7 | 12·0 | 16·0 | 3 | 5 | 0 | E | 3 | N | 3 | N | 1 | 0·0 | 6·5 |
| 26 | 696·6 | 693·5 | 694·6 | 34·0 | 21·0 | 26·0 | 33·0 | 24·5 | 66 | 34 | 68 | 16·3 | 12·9 | 15·5 | 0 | 5 | 0 | S | 3 | N | 2 | S | 1 | 0·0 | 5·5 |
| 27 | 695·9 | 693·5 | 695·1 | 34·5 | 20·0 | 25·0 | 34·5 | 22·0 | 61 | 29 | 78 | 14·3 | 12·0 | 15·3 | 0 | 5 | 3 | E | 2 | W | 3 | S | 1 | 0·0 | 7·0 |
| 28 | 696·3 | 693·3 | 694·5 | 35·5 | 20·0 | 26·0 | 35·5 | 25·5 | 59 | 25 | 55 | 14·6 | 10·4 | 13·2 | 0 | 5 | 2 | E | 2 | S | 3 | S | 2 | 0·0 | 7·0 |
| 29 | 695·8 | 693·1 | 694·7 | 34·5 | 20·5 | 27·5 | 34·0 | 24·0 | 57 | 33 | 60 | 15·4 | 13·2 | 13·3 | 2 | 5 | 2 | E | 2 | S | 3 | S | 2 | 0·0 | 6·0 |
| 30 | 696·2 | 693·0 | 694·5 | 33·0 | 20·5 | 27·0 | 32·0 | 24·0 | 56 | 36 | 63 | 14·8 | 12·6 | 14·1 | 0 | 7 | 7 | E | 2 | N | 4 | S | 1 | 0·0 | 5·5 |
| Month | 696·87 | 694·46 | 695·80 | 31·4 | 20·4 | 24·7 | 31·0 | 23·0 | 72 | 46 | 78 | 16·4 | 15·1 | 16·2 | 3·8 | 6·2 | 6·6 | — | 2·4 | — | 2·9 | — | 1·9 | 52·0 | 4·35 |

**Remarks**:—9 ●² 1h.—16 ● 20h.—17 ● 2h.—23 ● 20h.

$C_h$ = + 62 mm.

## October 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 695·3 | 692·3 | 693·6 | 36·0 | 20·5 | 26·0 | 35·0 | 25·0 | 62 | 26 | 61 | 15·4 | 10·8 | 14·3 | 0 | 7 | 3 | E | 2 | E | 2 | S | 1 | 0·0 | 7·0 |
| 2 | 696·9 | 696·2 | 698·4 | 31·0 | 20·5 | 25·5 | 29·5 | 23·0 | 65 | 46 | 63 | 15·7 | 14·1 | 13·1 | 10 | 10 | 10 | S | 2 | S | 4 | S | 5 | 0·0 | 4·5 |
| 3 | 698·0 | 694·9 | 696·2 | 34·0 | 20·0 | 26·5 | 33·0 | 25·0 | 59 | 34 | 64 | 15·1 | 12·9 | 15·2 | 5 | 5 | 0 | S | 2 | S | 3 | S | 2 | 0·0 | 7·0 |
| 4 | 698·1 | 694·5 | 695·6 | 34·5 | 21·0 | 23·5 | 33·5 | 24·0 | 71 | 33 | 67 | 15·2 | 12·6 | 14·9 | 10 | 5 | 2 | S | 3 | W | 4 | W | 1 | 0·0 | 6·0 |
| 5 | 697·1 | 694·8 | 695·8 | 28·5 | 22·5 | 26·0 | 27·5 | 23·5 | 55 | 54 | 71 | 13·7 | 14·5 | 15·2 | 7 | 10 | 7 | S | 1 | W | 4 | S | 3 | 0.0 | 4·0 |
| 6 | 697·3 | 693·2 | 694·8 | 33·0 | 20·5 | 26·5 | 32·5 | 26·0 | 59 | 34 | 55 | 15·1 | 12·3 | 13·7 | 2 | 5 | 0 | S | 4 | W | 3 | S | 3 | 0·0 | 5·5 |
| 7 | 696·5 | 693·4 | 695·6 | 31·0 | 21·5 | 24·0 | 29·5 | 23·0 | 75 | 45 | 74 | 16·6 | 14·1 | 15·5 | 2 | 7 | 7 | S | 3 | W | 4 | S | 2 | 0·0 | 4·5 |
| 8 | 696·8 | 693·5 | 695·5 | 35·0 | 20·5 | 27·0 | 33·5 | 25·0 | 49 | 30 | 54 | 13·1 | 11·7 | 12·7 | 0 | 7 | 5 | E | 3 | N | 3 | S | 3 | 0·0 | 7·0 |
| 9 | 697·6 | 693·6 | 694·9 | 34·5 | 20·5 | 26·5 | 34·0 | 24·0 | 59 | 29 | 53 | 15·1 | 11·4 | 11·7 | 2 | 3 | 0 | S | 2 | S | 3 | S | 2 | 0·0 | 7·0 |
| 10 | 696·8 | 693·7 | 695.2 | 36·0 | 20·0 | 27·5 | 36·0 | 24·5 | 54 | 23 | 57 | 14·5 | 10·1 | 13·0 | 0 | 5 | 0 | S | 3 | N | 3 | S | 2 | 0·0 | 8·0 |
| 11 | 697·7 | 694·4 | 695·7 | 35·0 | 18·5 | 25·5 | 34·5 | 25·0 | 55 | 25 | 54 | 13·2 | 10·2 | 12·7 | 0 | 5 | 0 | S | 2 | E | 3 | S | 2 | 0·0 | 8·0 |
| 12 | 697·3 | 693·5 | 695·5 | 35·5 | 18·5 | 26·0 | 34·5 | 24·0 | 55 | 23 | 53 | 13·7 | 9·3 | 11·7 | 0 | 5 | 0 | S | 2 | E | 3 | S | 2 | 0·0 | 8·0 |
| 13 | 697·6 | 694·9 | 697·0 | 33·5 | 19·0 | 26·5 | 32·5 | 25·5 | 46 | 24 | 42 | 11·7 | 8·9 | 10·0 | 0 | 7 | 10 | S | 3 | W | 3 | W | 4 | 0·0 | 9·0 |
| 14 | 698·1 | 694·6 | 696·2 | 33·5 | 19·5 | 27·0 | 33·0 | 25·5 | 46 | 25 | 45 | 12·2 | 9·4 | 10·8 | 3 | 10 | 10 | S | 2 | N | 3 | W | 6 | 0·0 | 8·0 |
| 15 | 697·4 | 694·1 | 695·6 | 36·5 | 19·5 | 27·0 | 36·0 | 23·5 | 43 | 17 | 49 | 11·4 | 7·6 | 10·4 | 0 | 7 | 0 | E | 2 | W | 2 | S | 3 | 0·0 | 8·5 |
| 16 | 697·6 | 694·4 | 695·6 | 36·5 | 19·5 | 28·5 | 36·0 | 25·0 | 43 | 19 | 47 | 12·2 | 8·4 | 11·1 | 0 | 5 | 2 | S | 1 | S | 3 | S | 2 | 0·0 | 9·0 |
| 17 | 698·5 | 695·3 | 696·6 | 35·0 | 19·0 | 27·5 | 35·0 | 26·0 | 41 | 24 | 45 | 11·2 | 9·9 | 11·3 | 2 | 5 | 0 | S | 2 | S | 2 | S | 2 | 0·0 | 8·0 |
| 18 | 696·9 | 694·1 | 695·7 | 36·0 | 20·5 | 27·5 | 35·0 | 28·0 | 47 | 21 | 30 | 12·8 | 9·0 | 8·5 | 2 | 7 | 0 | S | 2 | E | 3 | W | 2 | 0·0 | 8·0 |
| 19 | 696·6 | 693·4 | 694·9 | 35·5 | 19·0 | 26·0 | 35·0 | 24·0 | 42 | 15 | 46 | 10·5 | 6·6 | 10·1 | 0 | 3 | 0 | E | 1 | E | 3 | S | 2 | 0·0 | 9·0 |
| 20 | 696·3 | 693·2 | 695·1 | 37·5 | 17·5 | 27·5 | 37·0 | 26·0 | 35 | 11 | 24 | 9·5 | 5·3 | 6·0 | 0 | 2 | 0 | E | 2 | N | 1 | W | 2 | 0·0 | 12·0 |
| 21 | 697·3 | 694·8 | 696·0 | 35·5 | 17·0 | 27·5 | 35·0 | 25·5 | 33 | 17 | 35 | 8·8 | 7·4 | 8·5 | 0 | 5 | 0 | E | 3 | W | 1 | S | 3 | 0·0 | 12·0 |
| 22 | 698·0 | 694·7 | 695·8 | 37·0 | 17·5 | 25·5 | 36·5 | 26·0 | 39 | 12 | 30 | 9·2 | 5·6 | 7·4 | 0 | 2 | 0 | E | 1 | E | 3 | S | 2 | 0·0 | 10·5 |
| 23 | 697·3 | 694·3 | 695·5 | 37·0 | 17·5 | 25·5 | 37·0 | 24·5 | 29 | 5 | 33 | 7·0 | 2·2 | 7·6 | 0 | 0 | 3 | E | 1 | E | 3 | S | 3 | 0·0 | 11·0 |
| 24 | 697·5 | 694·4 | 694·9 | 37·0 | 16·5 | 24·5 | 37·0 | 24·0 | 43 | 11 | 23 | 9·8 | 5·3 | 5·2 | 0 | 2 | 0 | E | 2 | E | 2 | W | 1 | 0·0 | 11·0 |
| 25 | 696·4 | 693·7 | 694·7 | 37·0 | 17·5 | 26·0 | 37·0 | 25·0 | 30 | 10 | 28 | 7·4 | 4·5 | 6·6 | 0 | 2 | 0 | S | 2 | N | 3 | S | 2 | 0·0 | 11·0 |
| 26 | 696·6 | 693·7 | 695·6 | 36·5 | 18·0 | 25·5 | 36·5 | 25·0 | 32 | 12 | 31 | 7·7 | 5·6 | 7·3 | 0 | 3 | 0 | E | 2 | S | 1 | S | 2 | 0·0 | 11·0 |
| 27 | 697·7 | 694·6 | 695·6 | 36·5 | 17·0 | 25·5 | 36·5 | 26·0 | 35 | 12 | 30 | 8·5 | 5·6 | 7·4 | 0 | 5 | 2 | S | 2 | W | 3 | W | 2 | 0·0 | 12·0 |
| 28 | 697·7 | 694·5 | 697·1 | 36·0 | 18·5 | 27·0 | 36·0 | 24·5 | 31 | 13 | 30 | 8·3 | 5·9 | 6·9 | 0 | 3 | 0 | E | 2 | N | 3 | W | 1 | 0·0 | 12·0 |
| 29 | 698·3 | 694·4 | 696·3 | 34·5 | 17·5 | 26·0 | 34·5 | 23·5 | 21 | 12 | 29 | 5·3 | 5·3 | 6·1 | 0 | 2 | 0 | E | 2 | N | 3 | S | 2 | 0·0 | 11·0 |
| 30 | 697·4 | 694·1 | 694·7 | 34·0 | 15·5 | 25·5 | 34·0 | 26·0 | 32 | 16 | 24 | 7·7 | 6·4 | 6·0 | 0 | 3 | 0 | E | 2 | W | 3 | S | 1 | 0·0 | 11·0 |
| 31 | 696·9 | 694·0 | 695·6 | 35·5 | 16·5 | 25·5 | 35·5 | 24·5 | 39 | 13 | 30 | 9·2 | 5·4 | 6·9 | 0 | 5 | 0 | S | 2 | N | 3 | W | 2 | 0·0 | 10·0 |
| Month | 697·27 | 694·17 | 695·66 | 35·0 | 18·9 | 26·2 | 34·5 | 24·8 | 46 | 22 | 44 | 11·5 | 8·7 | 10·3 | 1·5 | 4·9 | 2·0 | — | 2·1 | — | 2·8 | — | 2·3 | 0·0 | 8·73 |

**Remarks**:—

# GALLABAT.

$\varphi = 12° 47' 30''$ N. $\lambda = 36° 9' 30''$ E. H = 764·0 m. $h_t = 1·4$ m. $h_r = 1·7$ m.

$C_h = +62$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 697·6 | 694·8 | 695·7 | 35·0 | 16·0 | 25·0 | 34·5 | 24·5 | 37 | 14 | 30 | 8·8 | 6·0 | 6·9 | 0 | 5 | 0 | E | 3 | W | 3 | S | 2 | 0·0 | 10·0 |
| 2 | 697·4 | 694·5 | 696·1 | 35·5 | 16·5 | 24·5 | 35·0 | 25·0 | 36 | 14 | 28 | 8·3 | 5·8 | 6·6 | 0 | 2 | 0 | S | 3 | W | 3 | S | 1 | 0·0 | 11·5 |
| 3 | 697·2 | 694·2 | 696·0 | 34·5 | 15·5 | 25·0 | 34·0 | 24·5 | 37 | 13 | 30 | 8·8 | 5·6 | 6·9 | 0 | 2 | 3 | S | 2 | S | 3 | W | 3 | 0·0 | 11·5 |
| 4 | 697·7 | 694·5 | 695·9 | 36·0 | 17·0 | 25·0 | 36·0 | 25·5 | 34 | 13 | 29 | 8·0 | 5·9 | 7·0 | 0 | 2 | 2 | E | 4 | N | 4 | W | 2 | 0·0 | 11·5 |
| 5 | 697·5 | 694·7 | 696·5 | 35·0 | 17·0 | 26·0 | 34·0 | 27·0 | 30 | 16 | 20 | 7·4 | 6·4 | 5·4 | 0 | 5 | 0 | E | 2 | E | 4 | N | 3 | 0·0 | 10·5 |
| 6 | 698·5 | 695·3 | 697·0 | 34·5 | 17·0 | 26·0 | 34·5 | 26·0 | 19 | 9 | 16 | 4·6 | 3·7 | 3·9 | 2 | 3 | 0 | E | 2 | S | 3 | N | 3 | 0·0 | 12·5 |
| 7 | 698·4 | 695·5 | 696·9 | 34·0 | 16·0 | 25·0 | 33·5 | 26·0 | 19 | 7 | 16 | 4·5 | 2·8 | 3·9 | 0 | 5 | 0 | NW | 3 | NW | 4 | N | 2 | 0·0 | 13·0 |
| 8 | 698·4 | 694·6 | 696·4 | 35·0 | 15·5 | 25·0 | 35·0 | 23·5 | 25 | 12 | 29 | 5·9 | 5·0 | 6·1 | 0 | 0 | 0 | S | 1 | NW | 3 | W | 1 | 0·0 | 9·0 |
| 9 | 697·9 | 694·6 | 696·3 | 36·0 | 17·0 | 26·5 | 35·5 | 27·0 | 34 | 14 | 40 | 8·6 | 6·2 | 10·6 | 0 | 5 | 0 | E | 2 | N | 4 | S | 1 | 0·0 | 9·5 |
| 10 | 697·0 | 693·3 | 696·2 | 37·5 | 18·5 | 27·0 | 36·5 | 24·0 | 40 | 12 | 33 | 10·6 | 5·6 | 7·2 | 0 | 5 | 0 | S | 1 | N | 3 | S | 1 | 0·0 | 10·0 |
| 11 | 696·3 | 693·2 | 694·6 | 36·5 | 18·5 | 26·0 | 35·5 | 26·0 | 33 | 11 | 30 | 8·2 | 4·7 | 7·4 | 0 | 5 | 0 | E | 1 | N | 3 | S | 1 | 0·0 | 10·0 |
| 12 | 695·9 | 693·1 | 695·1 | 37·5 | 18·5 | 27·0 | 37·0 | 24·5 | 29 | 10 | 30 | 7·6 | 4·5 | 6·9 | 0 | 3 | 0 | S | 3 | S | 4 | N | 1 | 0·0 | 12·5 |
| 13 | 695·8 | 694·4 | 695·2 | 36·5 | 17·5 | 26·5 | 36·0 | 28·5 | 31 | 13 | 20 | 7·9 | 5·9 | 5·9 | 2 | 2 | 5 | E | 1 | E | 4 | N | 3 | 0·0 | 13·0 |
| 14 | 696·9 | 694·1 | 695·8 | 36·5 | 20·0 | 28·0 | 35·5 | 26·0 | 30 | 14 | 33 | 8·5 | 6·2 | 8·2 | 2 | 7 | 7 | E | 2 | E | 3 | S | 1 | 0·0 | 11·0 |
| 15 | 697·6 | 694·6 | 696·2 | 36·5 | 19·0 | 26·5 | 35·5 | 26·0 | 37 | 16 | 30 | 9·4 | 7·0 | 7·4 | 0 | 7 | 2 | E | 1 | N | 2 | S | 1 | 0·0 | 11·0 |
| 16 | 697·4 | 694·7 | 695·8 | 37·0 | 18·0 | 26·5 | 37·0 | 26·5 | 37 | 11 | 28 | 9·4 | 5·3 | 7·1 | 2 | 5 | 2 | E | 2 | E | 4 | S | 2 | 0·0 | 12·5 |
| 17 | 697·1 | 694·5 | 695·4 | 37·0 | 19·0 | 28·5 | 36·0 | 28·0 | 26 | 8 | 15 | 7·4 | 3·6 | 4·1 | 2 | 5 | 0 | E | 3 | N | 4 | N | 1 | 0·0 | 11·0 |
| 18 | 696·5 | 694·5 | 695·0 | 37·5 | 18·5 | 26·5 | 36·0 | 24·0 | 28 | 12 | 23 | 7·1 | 5·1 | 5·2 | 0 | 0 | 0 | N | 1 | E | 3 | W | 3 | 0·0 | 11·0 |
| 19 | 695·7 | 693·0 | 694·2 | 38·0 | 17·5 | 26·0 | 37·5 | 28·0 | 30 | 9 | 20 | 7·4 | 4·2 | 5·5 | 0 | 0 | 0 | E | 2 | E | 2 | S | 2 | 0·0 | 11·0 |
| 20 | 696·6 | 693·7 | 695·3 | 37·0 | 16·0 | 24·5 | 36·0 | 27·5 | 33 | 12 | 16 | 7·6 | 5·1 | 4·4 | 0 | 0 | 3 | E | 1 | E | 2 | N | 2 | 0·0 | 12·5 |
| 21 | 696·5 | 693·7 | 695·5 | 37·0 | 18·0 | 26·5 | 37·0 | 26·0 | 22 | 5 | 19 | 5·7 | 2·2 | 4·6 | 0 | 3 | 0 | E | 2 | N | 6 | N | 2 | 0·0 | 13·0 |
| 22 | 696·3 | 694·2 | 695·4 | 36·0 | 17·5 | 25·0 | 36·0 | 26·0 | 28 | 6 | 16 | 6·6 | 2·8 | 3·9 | 0 | 0 | 0 | E | 1 | W | 4 | N | 2 | 0·0 | 13·0 |
| 23 | 695·8 | 693·5 | 695·4 | 36·0 | 17·0 | 25·0 | 35·5 | 26·0 | 25 | 7 | 21 | 5·9 | 3·1 | 5·3 | 0 | 0 | 0 | S | 1 | NE | 6 | N | 4 | 0·0 | 15·0 |
| 24 | 697·7 | 694·5 | 696·4 | 34·0 | 20·5 | 25·5 | 34·0 | 26·0 | 29 | 10 | 16 | 7·0 | 4·0 | 3·9 | 0 | 3 | 0 | N | 3 | N | 6 | N | 3 | 0·0 | 15·0 |
| 25 | 697·6 | 693·7 | 695·4 | 34·5 | 17·5 | 24·0 | 34·5 | 26·0 | 26 | 11 | 16 | 5·8 | 4·5 | 3·9 | 0 | 2 | 0 | N | 2 | N | 4 | N | 3 | 0·0 | 14·0 |
| 26 | 696·7 | 693·7 | 695·0 | 36·5 | 18·0 | 26·0 | 36·0 | 27·0 | 33 | 13 | 26 | 8·2 | 5·9 | 6·8 | 0 | 2 | 0 | SE | 2 | N | 3 | N | 1 | 0·0 | 12·5 |
| 27 | 696·9 | 693·3 | 694·3 | 35·0 | 19·0 | 26·0 | 35·0 | 27·0 | 39 | 15 | 26 | 9·7 | 6·6 | 6·8 | 0 | 2 | 2 | E | 1 | NE | 4 | N | 3 | 0·0 | 13.0 |
| 28 | 695·8 | 693·1 | 693·8 | 36·5 | 18·0 | 27·0 | 36·0 | 27·5 | 37 | 13 | 30 | 9·8 | 5·9 | 8·0 | 0 | 2 | 0 | S | 1 | N | 3 | N | 2 | 0·0 | 10·0 |
| 29 | 695·3 | 692·4 | 694·7 | 37·0 | 19·0 | 26·5 | 37·0 | 26·0 | 34 | 13 | 21 | 8·6 | 6·2 | 5·3 | 0 | 2 | 0 | E | 3 | W | 3 | S | 2 | 0·0 | 10·5 |
| 30 | 695·5 | 693·1 | 695·0 | 36·0 | 19·0 | 26·0 | 35·5 | 25·0 | 33 | 7 | 28 | 8·2 | 3·1 | 6·6 | 0 | 7 | 0 | E | 1 | E | 1 | S | 1 | 0·0 | 10·0 |
| Month | 696·92 | 694·03 | 695·55 | 36·0 | 17·7 | 26·0 | 35·6 | 26·0 | 31 | 11 | 24 | 7·7 | 5·0 | 6·1 | 0·3 | 3·0 | 0·9 | — | 1·9 | — | 3·5 | — | 2·0 | 0·0 | 11·68 |

**Remarks:—**

$C_h = +62$ mm.

## December 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 696·1 | 693·9 | 694·9 | 38·0 | 19·0 | 26·0 | 38·0 | 26·0 | 24 | 6 | 19 | 6·0 | 3·1 | 4·6 | 2 | 2 | 0 | E | 2 | W | 3 | S | 1 | 0·0 | 13·0 |
| 2 | 696·4 | 693·9 | 695·3 | 38·0 | 18·0 | 25·0 | 38·0 | 27·0 | 22 | 0 | 13 | 5·2 | 0·1 | 3·3 | 0 | 2 | 2 | E | 2 | E | 3 | E | 1 | 0·0 | 11·5 |
| 3 | 696·1 | 693·1 | 694·8 | 37·0 | 17·5 | 25·5 | 37·0 | 26·0 | 18 | 2 | 19 | 4·2 | 0·7 | 4·6 | 0 | 0 | 0 | E | 2 | N | 2 | S | 1 | 0·0 | 13·0 |
| 4 | 696·6 | 694·2 | 696·3 | 36·0 | 16·5 | 24·0 | 35·5 | 27·0 | 20 | 4 | 15 | 4·5 | 1·6 | 4·0 | 0 | 0 | 0 | E | 2 | N | 4 | N | 3 | 0·0 | 15·0 |
| 5 | 697·8 | 694·5 | 696·3 | 35·5 | 17·5 | 24·0 | 35·5 | 27·0 | 33 | 7 | 20 | 7·2 | 3·1 | 5·4 | 0 | 0 | 0 | E | 2 | N | 4 | N | 4 | 0·0 | 14·5 |
| 6 | 697·0 | 694·7 | 695·9 | 35·0 | 17·0 | 24·0 | 35·0 | 27·0 | 33 | 8 | 20 | 7·2 | 3·4 | 5·4 | 0 | 0 | 0 | S | 2 | N | 4 | N | 3 | 0·0 | 14·0 |
| 7 | 696·8 | 694·5 | 696·2 | 33·0 | 17·0 | 23·5 | 33·0 | 26·5 | 35 | 12 | 22 | 7·5 | 4·6 | 5·7 | 0 | 0 | 0 | E | 2 | N | 6 | N | 4 | 0·0 | 16·0 |
| 8 | 697·5 | 694·6 | 696·0 | 32·5 | 17·5 | 23·0 | 32·5 | 24·0 | 25 | 15 | 20 | 5·1 | 5·7 | 4·5 | 0 | 0 | 0 | E | 2 | N | 6 | W | 3 | 0·0 | 15·0 |
| 9 | 696·9 | 694·6 | 696·3 | 33·5 | 15·0 | 20·0 | 33·5 | 24·0 | 40 | 7 | 17 | 6·9 | 2·8 | 3·8 | 0 | 0 | 0 | E | 1 | N | 3 | N | 2 | 0·0 | 11·5 |
| 10 | 696·8 | 693·3 | 695·1 | 35·0 | 14·5 | 21·5 | 35·0 | 26·0 | 35 | 5 | 13 | 6·7 | 1·9 | 3·3 | 2 | 0 | 0 | N | 1 | N | 4 | N | 2 | 0·0 | 16·0 |
| 11 | 697·5 | 694·4 | 696·2 | 34·0 | 17·0 | 22·0 | 34·0 | 26·5 | 29 | 10 | 20 | 5·7 | 4·0 | 5·0 | 0 | 0 | 0 | E | 2 | N | 4 | N | 3 | 0·0 | 16·0 |
| 12 | 697·7 | 694·7 | 696·5 | 34·0 | 18·0 | 23·0 | 34·0 | 27·0 | 31 | 10 | 20 | 6·4 | 4·0 | 5·4 | 0 | 0 | 0 | E | 3 | N | 4 | N | 3 | 0·0 | 14·0 |
| 13 | 697·7 | 695·0 | 696·7 | 34·0 | 19·0 | 23·0 | 34·0 | 26·0 | 44 | 10 | 30 | 9·2 | 4·0 | 7·4 | 7 | 0 | 0 | E | 2 | N | 3 | N | 3 | 0·0 | 15·0 |
| 14 | 698·3 | 694·7 | 695·7 | 34·0 | 20·0 | 25·0 | 34·0 | 26·0 | 34 | 13 | 24 | 8·0 | 5·6 | 6·0 | 0 | 0 | 0 | E | 2 | N | 3 | N | 4 | 0·0 | 14·0 |
| 15 | 697·8 | 694·9 | 696·4 | 33·5 | 19·0 | 23·0 | 33·5 | 26·0 | 38 | 11 | 24 | 7·8 | 4·3 | 6·0 | 0 | 0 | 0 | N | 2 | N | 4 | N | 3 | 0·0 | 13·0 |
| 16 | 698·3 | 696·2 | 698·1 | 31·5 | 17·0 | 22·0 | 31·5 | 23·0 | 39 | 13 | 21 | 7·7 | 4·8 | 4·4 | 0 | 0 | 0 | E | 1 | N | 4 | N | 3 | 0·0 | 14·0 |
| 17 | 700·1 | 697·4 | 699·2 | 29·0 | 14·0 | 19·0 | 29·0 | 21·5 | 16 | 12 | 18 | 2·5 | 3·4 | 3·4 | 0 | 0 | 0 | N | 3 | N | 4 | N | 3 | 0·0 | 12·0 |
| 18 | 699·9 | 696·4 | 698·1 | 30·0 | 15·5 | 19·5 | 30·0 | 22·5 | 21 | 13 | 30 | 3·4 | 4·3 | 6·1 | 0 | 0 | 0 | E | 2 | N | 3 | N | 2 | 0·0 | 10·0 |
| 19 | 698·5 | 695·9 | 697·7 | 33·0 | 15·0 | 22·5 | 33·0 | 24·0 | 41 | 14 | 23 | 8·1 | 5·4 | 5·2 | 0 | 0 | 0 | E | 2 | N | 4 | N | 3 | 0·0 | 14·0 |
| 20 | 698·8 | 696·5 | 698·5 | 33·0 | 15·0 | 22·0 | 33·0 | 24·5 | 43 | 8 | 24 | 8·4 | 3·1 | 5·5 | 0 | 0 | 0 | E | 2 | N | 4 | N | 4 | 0·0 | 16·0 |
| 21 | 699·6 | 696·6 | 698·8 | 32·5 | 14·5 | 20·0 | 32·0 | 23·5 | 40 | 11 | 29 | 6·9 | 3·8 | 6·1 | 0 | 0 | 0 | E | 2 | N | 4 | N | 3 | 0·0 | 12·5 |
| 22 | 699·9 | 696·4 | 698·1 | 32·0 | 15·5 | 20·0 | 32·0 | 25·0 | 36 | 14 | 28 | 6·3 | 5·3 | 6·6 | 0 | 0 | 0 | N | 2 | N | 4 | N | 2 | 0·0 | 12·0 |
| 23 | 699·3 | 697·4 | 700·0 | 27·0 | 15·0 | 20·0 | 27·0 | 22·5 | 28 | 26 | 34 | 5·0 | 6·8 | 6·7 | 0 | 0 | 0 | N | 2 | N | 4 | N | 3 | 0·0 | 12·0 |
| 24 | 701·2 | 698·3 | 700·1 | 30·0 | 15·5 | 19·0 | 30·0 | 23·0 | 38 | 25 | 25 | 6·2 | 8·0 | 5·1 | 0 | 0 | 0 | N | 1 | N | 4 | N | 3 | 0·0 | 11·0 |
| 25 | 700·3 | 698·0 | 699·2 | 32·5 | 14·5 | 21·0 | 32·0 | 25·5 | 45 | 14 | 18 | 8·3 | 5·3 | 4·2 | 0 | 0 | 0 | E | 1 | N | 4 | N | 3 | 0·0 | 11·5 |
| 26 | 698·6 | 696·2 | 697·1 | 34·5 | 15·0 | 20·5 | 34·5 | 26·0 | 41 | 9 | 8 | 7·3 | 3·7 | 1·9 | 0 | 0 | 0 | E | 2 | N | 4 | N | 4 | 0·0 | 12·5 |
| 27 | 699·1 | 695·8 | 697·2 | 34·5 | 17·0 | 20·5 | 34·0 | 27·0 | 33 | 10 | 18 | 6·0 | 4·0 | 4·7 | 0 | 0 | 0 | E | 2 | N | 3 | N | 2 | 0·0 | 14·5 |
| 28 | 697·7 | 695·2 | 696·4 | 33·5 | 16·0 | 23·5 | 33·0 | 26·5 | 35 | 12 | 14 | 7·5 | 4·6 | 3·6 | 0 | 0 | 0 | E | 2 | N | 4 | N | 3 | 0·0 | 16·0 |
| 29 | 697·3 | 694·6 | 696·6 | 35·0 | 17·0 | 22·0 | 35·0 | 25·5 | 32 | 10 | 18 | 6·4 | 4·2 | 4·2 | 0 | 0 | 0 | E | 2 | N | 3 | N | 2 | 0·0 | 13·5 |
| 30 | 698·1 | 695·1 | 696·6 | 36·0 | 17·0 | 22·0 | 36·0 | 27·0 | 32 | 8 | 18 | 6·4 | 3·6 | 4·7 | 0 | 0 | 6 | E | 2 | N | 3 | N | 2 | 0·0 | 13·5 |
| 31 | 698·8 | 694·9 | 696·5 | 37·5 | 17·5 | 23·5 | 37·5 | 29·0 | 26 | 6 | 16 | 5·5 | 2·7 | 4·9 | 0 | 0 | 0 | E | 3 | N | 3 | N | 2 | 0·0 | 14·0 |
| Month | 698·15 | 695·35 | 696·99 | 33·7 | 16·6 | 22·2 | 33·6 | 25·4 | 32 | 10 | 21 | 6·4 | 3·9 | 4·9 | 0·4 | 0·1 | 0·1 | — | 1·9 | — | 3·7 | — | 2·7 | 0·0 | 13·56 |

**Remarks:—**

# ROSEIRES.

$\varphi = 11° 51' 22''$ N. $\lambda = 34° 23' 10''$ E. H = 466·9 m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h$ = + 39 mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17·9 | — | 15·5 | 37·0 | 13·0 | 19·0 | — | 23·0 | 46 | — | 66 | 7·5 | — | 13·9 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 13·0 |
| 2 | 17·7 | — | 14·6 | 37·0 | 18·0 | 23·0 | — | 25·0 | 44 | — | 61 | 9·2 | — | 14·3 | 0 | — | 0 | NW | 3 | — | — | N | 2 | 0·0 | 14·0 |
| 3 | 17·7 | — | 14·3 | 36·0 | 13·0 | 19·0 | — | 26·0 | 63 | — | 55 | 10·3 | — | 13·7 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 13·0 |
| 4 | 16·5 | — | 15·6 | 36·0 | 16·0 | 19·0 | — | 27·0 | 63 | — | 56 | 10·3 | — | 14·8 | 0 | — | 0 | NW | 1 | — | — | NW | 1 | 0·0 | 15·0 |
| 5 | 16·7 | — | 18·2 | 37·0 | 17·0 | 22·0 | — | 30·0 | 58 | — | 53 | 11·4 | — | 16·6 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 6 | 16·6 | — | 14·0 | 37·0 | 16·0 | 19·0 | — | 30·0 | 72 | — | 47 | 11·7 | — | 14·7 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 7 | 16·9 | — | 14·1 | 37·0 | 17·0 | 19·0 | — | 31·0 | 72 | — | 48 | 11·7 | — | 15·9 | 0 | — | 0 | W | 1 | — | — | NW | 1 | 0·0 | 16·0 |
| 8 | 16·9 | — | 14·3 | 36·0 | 16·0 | 22·0 | — | 30·0 | 58 | — | 47 | 11 4 | — | 14·7 | 0 | — | 0 | W | 1 | — | — | N | 2 | 0·0 | 15·0 |
| 9 | 17·3 | — | 15·0 | 36·0 | 15·0 | 17·0 | — | 29.0 | 70 | — | 40 | 10·1 | — | 11·9 | 0 | — | 0 | W | 1 | — | — | N | 2 | 0·0 | 16·0 |
| 10 | 16·4 | — | 14·7 | 36·0 | 13·0 | 19·0 | — | 29·0 | 54 | — | 46 | 8·9 | — | 13·6 | 0 | — | 0 | W | 1 | — | — | N | 2 | 0·0 | 13·0 |
| 11 | 16·6 | — | 14·6 | 37·0 | 15·0 | 18·0 | — | 27·0 | 71 | — | 49 | 10·9 | — | 13·1 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 14·0 |
| 12 | 15·7 | — | 13·9 | 36·0 | 15·0 | 20·0 | — | 28·0 | 64 | — | 44 | 11·1 | — | 12·5 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 13 | 16 7 | — | 14·4 | 37·0 | 15·0 | 19·0 | — | 28·0 | 63 | — | 57 | 10·3 | — | 16·0 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 13·0 |
| 14 | 17·6 | — | 14·7 | 36·0 | 16·0 | 20·0 | — | 32·0 | 55 | — | 38 | 9·6 | — | 13·5 | 0 | — | 0 | NW | 1 | — | — | NW | 1 | 0·0 | 15·0 |
| 15 | 16·6 | — | 15·1 | 37·0 | 15·0 | 23·0 | — | 30·0 | 52 | — | 53 | 10·8 | — | 16·6 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 14·0 |
| 16 | 16·3 | — | 14·5 | 37·0 | 15·0 | 29·0 | — | 27·0 | 14 | — | 56 | 4·2 | — | 14·8 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 17 | 17·6 | — | 16·7 | 38·0 | 18·0 | 21·0 | — | 26·0 | 57 | — | 76 | 10·5 | — | 19·0 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 18 | 20·1 | — | 16·9 | 36·0 | 12·0 | 17·0 | — | 25·0 | 80 | — | 76 | 11·5 | — | 17·8 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 19 | 18·6 | — | 14·9 | 31·0 | 15·0 | 17·0 | — | 25·0 | 80 | — | 84 | 11·5 | — | 19·7 | 0 | — | 0 | NW | 1 | — | — | NW | 1 | 0·0 | 13·0 |
| 20 | 17.0 | — | 16·5 | 34·0 | 14·0 | 17·0 | — | 27·0 | 80 | — | 49 | 11·5 | — | 13·1 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 21 | 17·8 | — | 15·1 | 35·0 | 15·0 | 20·0 | — | 28·0 | 47 | — | 51 | 8·3 | — | 14·2 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 14·0 |
| 22 | 17·5 | — | 13·9 | 35·0 | 17·0 | 22·0 | — | 30·0 | 58 | — | 47 | 11·4 | — | 14·7 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 16·0 |
| 23 | 17·3 | — | 13·7 | 37·0 | 19·0 | 24·0 | — | 28·0 | 67 | — | 57 | 14·9 | — | 16·0 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 24 | 16·4 | — | 14·5 | 37·0 | 18·0 | 24·0 | — | 30·0 | 60 | — | 36 | 13·3 | — | 11·2 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 25 | 17·9 | — | 15·8 | 32·0 | 18·0 | 21·0 | — | 30.0 | 65 | — | 36 | 12·0 | — | 11·2 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 16·0 |
| 26 | 16·4 | — | 13·3 | 37·0 | 16·0 | 22·0 | — | 30·0 | 58 | — | 47 | 11·4 | — | 14·7 | 0 | — | 0 | NW | 1 | — | — | NW | 2 | 0·0 | 17·0 |
| 27 | 16·5 | — | 14·7 | 38·0 | 17·0 | 23·0 | — | 28·0 | 59 | — | 51 | 12·3 | — | 14·2 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 14·0 |
| 28 | 17·5 | — | 15·0 | 35·0 | 16·0 | 24·0 | — | 29·0 | 67 | — | 40 | 14·9 | — | 11·9 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 29 | 17·4 | — | 14·9 | 35·0 | 17·0 | 25·0 | — | 28·0 | 40 | — | 44 | 9·5 | — | 12·5 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 30 | 15·3 | — | 13·6 | 36·0 | 17·0 | 22·0 | — | 30·0 | 58 | — | 47 | 11·4 | — | 14·7 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 17·0 |
| 31 | 16·1 | — | 14·3 | 35·0 | 18·0 | 24·0 | — | 28·0 | 53 | — | 44 | 11·7 | — | 12·5 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| Month | 17·08 | — | 14·72 | 36·0 | 15·9 | 21·0 | — | 28·2 | 60 | — | 52 | 10·8 | — | 14·5 | 0·0 | — | 0·0 | — | 1·1 | — | — | — | 1.3 | 0·0 | 15·32 |

**Remarks:—**

$C_h$ = + 39 mm.

## February 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16·4 | — | 13·6 | 36·0 | 19·0 | 21·0 | — | 30·0 | 57 | — | 41 | 10·5 | — | 13·0 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 2 | 16·2 | — | 13·6 | 36·0 | 21·0 | 24·0 | — | 31·0 | 53 | — | 42 | 11·7 | — | 14·1 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 3 | 17·1 | — | 14·9 | 36·0 | 17·0 | 21·0 | — | 26·0 | 57 | — | 55 | 10·5 | — | 13·7 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 4 | 16·6 | — | 14·1 | 36·0 | 16·0 | 20·0 | — | 29·0 | 64 | — | 40 | 11·1 | — | 11·9 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 14·0 |
| 5 | 16·2 | — | 14·9 | 36·0 | 15·0 | 19·0 | — | 27·0 | 63 | — | 49 | 10·3 | — | 13·1 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 6 | 18·0 | — | 16·1 | 34·0 | 16·0 | 19·0 | — | 27·0 | 54 | — | 37 | 8·9 | — | 9·8 | 5 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 7 | 19·6 | — | 17·4 | 30·0 | 15·0 | 20·0 | — | 25·0 | 47 | — | 40 | 8·3 | — | 9.5 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 8 | 18·7 | — | 16·1 | 30·0 | 12·0 | 17·0 | — | 27·0 | 70 | — | 43 | 10·1 | — | 11·4 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 9 | 17·9 | — | 14·2 | 35·0 | 14·0 | 20·0 | — | 26·0 | 47 | — | 55 | 8·3 | — | 13·7 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 10 | 17·0 | — | 14·1 | 32·0 | 13·0 | 17·0 | — | 27·0 | 70 | — | 49 | 10·1 | — | 13·1 | 0 | — | 0 | W | 1 | — | — | N | 1 | 0·0 | 14·0 |
| 11 | 16·9 | — | 14·7 | 31·0 | 14·0 | 17·0 | — | 27·0 | 70 | — | 49 | 10·1 | — | 13·1 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 12 | 15·5 | — | 13·8 | 33·0 | 13·0 | 20·0 | — | 26·0 | 55 | — | 48 | 9·6 | — | 12·1 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 13 | 15·5 | — | 11·7 | 38·0 | 15·0 | 23·0 | — | 27·0 | 44 | — | 63 | 9·2 | — | 16·6 | 0 | — | 0 | NW | 1 | — | — | W | 1 | 0·0 | 13·0 |
| 14 | 15·1 | — | 12·5 | 39·0 | 17·0 | 21·0 | — | 29·0 | 65 | — | 52 | 12·0 | — | 15·3 | 0 | — | 0 | NW | 1 | — | — | W | 1 | 0·0 | 14·0 |
| 15 | 15·1 | — | 14·1 | 37·0 | 20·0 | 24·0 | — | 30·0 | 67 | — | 53 | 14·9 | — | 16·6 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 16 | 16·8 | — | 14·6 | 35·0 | 24·0 | 26·0 | — | 29·0 | 55 | — | 58 | 13·7 | — | 17·2 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 17·0 |
| 17 | 15·8 | — | 14·7 | 36·0 | 21·0 | 25·0 | — | 34·0 | 61 | — | 45 | 14·3 | — | 18·0 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 18 | 17·4 | — | 14·3 | 36·0 | 21·0 | 24·0 | — | 29·0 | 46 | — | 46 | 10·1 | — | 13·6 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 19 | 17·8 | — | 15·5 | 34·0 | 19·0 | 22·0 | — | 28·0 | 36 | — | 44 | 7·0 | — | 12·5 | 0 | — | 0 | N | 3 | — | — | N | 1 | 0·0 | 20·0 |
| 20 | 17·6 | — | 14·6 | 36·0 | 12·0 | 21·0 | — | 27·0 | 41 | — | 49 | 7·6 | — | 13·1 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 19·0 |
| 21 | 16·2 | — | 15·6 | 34·0 | 18·0 | 23·0 | — | 26·0 | 38 | — | 55 | 7·8 | — | 13·7 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 22 | 19·8 | — | 16·8 | 35·0 | 15·0 | 19·0 | — | 27·0 | 63 | — | 63 | 10·3 | — | 16·6 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 14·0 |
| 23 | 19·7 | — | 16·6 | 27·0 | 16·0 | 24·0 | — | 26·0 | 46 | — | 55 | 10·1 | — | 13·7 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 14·0 |
| 24 | 18·1 | — | 15·8 | 38·0 | 16·0 | 23·0 | — | 29·0 | 52 | — | 58 | 10·8 | — | 17·2 | 0 | — | 0 | W | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 25 | 18·0 | — | 15·3 | 38·0 | 16·0 | 22·0 | — | 31·0 | 58 | — | 37 | 11·4 | — | 12·3 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 20·0 |
| 26 | 18·3 | — | 15·8 | 35·0 | 18·0 | 22·0 | — | 33·0 | 50 | — | 34 | 9·9 | — | 12·9 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 21·0 |
| 27 | 19·0 | — | 15·2 | 37·0 | 22·0 | 23·0 | — | 29·0 | 52 | — | 52 | 10·8 | — | 15·3 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 19·0 |
| 28 | 18·0 | — | 16·4 | 37·0 | 19·0 | 23·0 | — | 30·0 | 44 | — | 36 | 9·2 | — | 11·2 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 19·0 |
| Month | 17·30 | — | 14·89 | 34·9 | 16·9 | 21·4 | — | 28·3 | 54 | — | 48 | 10·3 | — | 13·7 | 0·2 | — | 0·0 | — | 1·1 | — | — | — | 1·1 | 0·0 | 16·96 |

**Remarks:—**

# ROSEIRES.

$\varphi = 11^\circ\ 51'\ 22''$ N. $\lambda = 34^\circ\ 23'\ 10''$ E. $H = 466{\cdot}9$ m. $h_t = 1{\cdot}6$ m. $h_r = 1{\cdot}1$ m.

$C_h = +\ 39$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 17·9 | — | 15·2 | 37·0 | 15·0 | 21·0 | — | 31·0 | 57 | — | 48 | 10·5 | — | 15·9 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 2 | 16·1 | — | 14·9 | 37·0 | 14·0 | 19·0 | — | 29·0 | 54 | — | 34 | 8·9 | — | 10·2 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 17·0 |
| 3 | 16·7 | — | 14·4 | 39·0 | 16·0 | 24·0 | — | 29·0 | 60 | — | 52 | 13·3 | — | 15·3 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 4 | 17·0 | — | 15·3 | 39·0 | 18·0 | 22·0 | — | 31·0 | 66 | — | 27 | 12·9 | — | 9·0 | 0 | — | 0 | S | 1 | — | — | N | 5 | 0·0 | 20·0 |
| 5 | 24·8 | — | 17·5 | 34·0 | 20·0 | 22·0 | — | 27·0 | 43 | — | 43 | 8·4 | — | 11·4 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 21·0 |
| 6 | 21·0 | — | 19·0 | 32·0 | 12·0 | 19·0 | — | 27·0 | 38 | — | 31 | 6·2 | — | 8·3 | 0 | — | 0 | NW | 2 | — | — | N | 2 | 0·0 | 21·0 |
| 7 | 17·6 | — | 19·7 | 30·0 | 15·0 | 20·0 | — | 24·0 | 25 | — | 26 | 4·3 | — | 5·8 | 0 | — | 0 | N | 4 | — | — | N | 2 | 0·0 | 19·0 |
| 8 | 18·2 | — | 14·7 | 32·0 | 14·0 | 19·0 | — | 25·0 | 23 | — | 28 | 3·7 | — | 6·6 | 0 | — | 0 | N | 3 | — | — | N | 1 | 0·0 | 16·0 |
| 9 | 21·1 | — | 18·2 | 30·0 | 12·0 | 20·0 | — | 26·0 | 32 | — | 30 | 5·6 | — | 7·4 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 17·0 |
| 10 | 21·0 | — | 17·9 | 30·0 | 15·0 | 20·0 | — | 26·0 | 25 | — | 30 | 4·3 | — | 7·4 | 0 | — | 0 | N | 3 | — | — | N | 3 | 0·0 | 17·0 |
| 11 | 20·9 | — | 17·7 | 27·0 | 13·0 | 17·0 | — | 27·0 | 52 | — | 26 | 7·4 | — | 6·8 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 17·0 |
| 12 | 19·5 | — | 16·2 | 34·0 | 14·0 | 22·0 | — | 33·0 | 36 | — | 25 | 7·0 | — | 9·4 | 0 | — | 0 | NW | 1 | — | — | NW | 1 | 0·0 | 17·0 |
| 13 | 20·3 | — | 17·0 | 30·0 | 15·0 | 21·0 | — | 30·0 | 41 | — | 21 | 7·6 | — | 6·5 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 21·0 |
| 14 | 20·2 | — | 17·0 | 34·0 | 12·0 | 21·0 | — | 27·0 | 27 | — | 31 | 5·0 | — | 8·3 | 0 | — | 0 | N | 4 | — | — | N | 1 | 0·0 | 21·0 |
| 15 | 18·7 | — | 16·0 | 36·0 | 15·0 | 21·0 | — | 28·0 | 41 | — | 51 | 7·6 | — | 14·2 | 0 | — | 0 | N | 2 | — | — | N | 1 | 0·0 | 18·0 |
| 16 | 18·1 | — | 15·8 | 37·0 | 17·0 | 25·0 | — | 29·0 | 47 | — | 52 | 11·1 | — | 15·3 | 0 | — | 0 | NW | 1 | — | — | NW | 1 | 0·0 | 21·0 |
| 17 | 17·9 | — | 14·5 | 38·0 | 19·0 | 24·0 | — | 30·0 | 46 | — | 47 | 10·1 | — | 14·7 | 5 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 17·0 |
| 18 | 16·5 | — | 14·5 | 39·0 | 19·0 | 25·0 | — | 30·0 | 54 | — | 41 | 12·7 | — | 13·0 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 21·0 |
| 19 | 18·0 | — | 15·2 | 39·0 | 20·0 | 24·0 | — | 32·0 | 46 | — | 33 | 10·1 | — | 11·7 | 0 | — | 0 | NW | 1 | — | — | N | 3 | 0·0 | 21·0 |
| 20 | 18·0 | — | 15·4 | 40·0 | 22·0 | 24·0 | — | 33·0 | 33 | — | 34 | 7·2 | — | 12·9 | 0 | — | 0 | NW | 3 | — | — | N | 4 | 0·0 | 22·0 |
| 21 | 18·2 | — | 16·6 | 39·0 | 22·0 | 26·0 | — | 28·0 | 36 | — | 39 | 8·9 | — | 10·8 | 0 | — | 0 | N | 2 | — | — | N | 1 | 0·0 | 20·0 |
| 22 | 19·3 | — | 16·4 | 37·0 | 16·0 | 24·0 | — | 26·0 | 33 | — | 48 | 7·2 | — | 12·1 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 17·0 |
| 23 | 17·7 | — | 14·0 | 38·0 | 13·0 | 20·0 | — | 31·0 | 47 | — | 37 | 8·3 | — | 12·3 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 24 | 17·2 | — | 15·8 | 38·0 | 13·0 | 21·0 | — | 28·0 | 49 | — | 51 | 9·0 | — | 14·2 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 25 | 18·2 | — | 16·5 | 40·0 | 19·0 | 27·0 | — | 30·0 | 37 | — | 47 | 9·8 | — | 14·7 | 2 | — | 5 | NW | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 26 | 20·0 | — | 17·4 | 38·0 | 25·0 | 30·0 | — | 30·0 | 53 | — | 47 | 16·6 | — | 14·7 | 0 | — | 0 | SW | 1 | — | — | N | 1 | 0·0 | 4·0 |
| 27 | 19·7 | — | 16·7 | 39·0 | 22·0 | 28·0 | — | 25·0 | 33 | — | 68 | 9·2 | — | 16·0 | 5 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 19·0 |
| 28 | 18·4 | — | 16·7 | 37·0 | 20·0 | 27·0 | — | 28·0 | 37 | — | 44 | 9·8 | — | 12·5 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 12·0 |
| 29 | 18·8 | — | 16·6 | 39·0 | 16·0 | 23·0 | — | 32·0 | 44 | — | 43 | 9·2 | — | 15·3 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 30 | 18·8 | — | 16·0 | 35·0 | 17·0 | 22·0 | — | 33·0 | 50 | — | 50 | 9·9 | — | 18·6 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 17·0 |
| 31 | 19·7 | — | 17·0 | 39·0 | 19·0 | 24·0 | — | 28·0 | 53 | — | 44 | 11·7 | — | 12·5 | 0 | — | 0 | W | 1 | — | — | N | 3 | 0·0 | 15·0 |
| Month | 18·87 | — | 16·32 | 35·9 | 16·7 | 22·6 | — | 28·8 | 43 | — | 40 | 8·8 | — | 11·7 | 0·4 | — | 0·2 | — | 1·5 | — | — | — | 1·6 | 0·0 | 17·74 |

**Remarks:—**

$C_h = +\ 38$ mm.

## April 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19·6 | — | 16·2 | 40·0 | 19·0 | 29·0 | — | 33·0 | 58 | — | 39 | 17·2 | — | 14·7 | 0 | — | 0 | W | 1 | — | — | N | 1 | 0·0 | 13·0 |
| 2 | 19·7 | — | 14·6 | 40·0 | 17·0 | 26·0 | — | 33·0 | 55 | — | 44 | 13·7 | — | 16·6 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 3 | 16·8 | — | 13·8 | 41·0 | 17·0 | 25·0 | — | 31·0 | 54 | — | 42 | 12·7 | — | 14·1 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 4 | 15·7 | — | 12·2 | 42·0 | 22·0 | 27·0 | — | 37·0 | 49 | — | 43 | 13·1 | — | 20·3 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 13·0 |
| 5 | 19·7 | — | 13·8 | 42·0 | 19·0 | 25·0 | — | 37·0 | 61 | — | 43 | 14·3 | — | 20·3 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 8·0 |
| 6 | 17·8 | — | 13·6 | 37·0 | 22·0 | 28·0 | — | 36·0 | 63 | — | 69 | 17·8 | — | 30·3 | 0 | — | 0 | S | 1 | — | — | N | 1 | 0·0 | 18·0 |
| 7 | 16·7 | — | 13·5 | 41·0 | 17·0 | 25·0 | — | 34·0 | 68 | — | 56 | 16·0 | — | 22·1 | 0 | — | 0 | S | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 8 | 16·2 | — | 13·1 | 35·0 | 18·0 | 25·0 | — | 33·0 | 68 | — | 79 | 16·0 | — | 29·7 | 0 | — | 0 | W | 1 | — | — | N | 1 | 0·0 | 19·0 |
| 9 | 16·0 | — | 14·1 | 43·0 | 18·0 | 25·0 | — | 32·0 | 47 | — | 66 | 11·1 | — | 23·4 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 19·0 |
| 10 | 16·7 | — | 13·7 | 43·0 | 18·0 | 26·0 | — | 36·0 | 55 | — | 42 | 13·7 | — | 18·8 | 0 | — | 0 | SW | 1 | — | — | SW | 1 | 0·0 | 10·0 |
| 11 | 16·9 | — | 13·8 | 43·0 | 22·0 | 36·0 | — | 31·0 | 47 | — | 65 | 20·9 | — | 21·9 | 0 | — | 0 | N | 2 | — | — | N | 1 | 0·0 | 17·0 |
| 12 | 16·5 | — | 13·1 | 41·0 | 20·0 | 31·0 | — | 30·0 | 22 | — | 36 | 7·4 | — | 11·2 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 20·0 |
| 13 | 15·8 | — | 13·5 | 42·0 | 16·0 | 25·0 | — | 32·0 | 47 | — | 33 | 11·1 | — | 11·7 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 19·0 |
| 14 | 16·5 | — | 13·8 | 42·0 | 19·0 | 30·0 | — | 32·0 | 36 | — | 38 | 11·2 | — | 13·5 | 0 | — | 0 | NW | 1 | — | — | S | 1 | 0·0 | 18·0 |
| 15 | 16·0 | — | 12·6 | 39·0 | 21·0 | 33·0 | — | 33·0 | 44 | — | 50 | 16·6 | — | 18·6 | 0 | — | 0 | S | 1 | — | — | S | 1 | 0·0 | 16·0 |
| 16 | 15·2 | — | 12·9 | 43·0 | 22·0 | 26·0 | — | 32·0 | 62 | — | 49 | 15·4 | — | 17·2 | 0 | — | 0 | NW | 1 | — | — | S | 1 | 0·0 | 17·0 |
| 17 | 15·6 | — | 13·1 | 42·0 | 24·0 | 29·0 | — | 34·0 | 58 | — | 45 | 17·2 | — | 18·0 | 0 | — | 0 | SW | 1 | — | — | SW | 1 | 0·0 | 18·0 |
| 18 | 16·7 | — | 14·2 | 39·0 | 26·0 | 31·0 | — | 30·0 | 53 | — | 53 | 17·9 | — | 16·6 | 0 | — | 0 | S | 3 | — | — | S | 2 | 0·0 | 17·0 |
| 19 | 18·2 | — | 14·7 | 39·0 | 25·0 | 29·0 | — | 30·0 | 52 | — | 53 | 15·3 | — | 16·6 | 0 | — | 0 | SW | 2 | — | — | SW | 1 | 5·0 | 14·0 |
| 20 | 19·2 | — | 15·8 | 34·0 | 21·0 | 24·0 | — | 27·0 | 83 | — | 77 | 18·4 | — | 20·3 | 10 | — | 0 | S | 1 | — | — | S | 1 | 0·0 | 7·0 |
| 21 | 18·0 | — | 15·2 | 34·0 | 22·0 | 27·0 | — | 30·0 | 63 | — | 53 | 16·6 | — | 16·6 | 0 | — | 8 | S | 3 | — | — | N | 1 | 1·0 | 14·0 |
| 22 | 18·9 | — | 16·1 | 34·0 | 22·0 | 23·0 | — | 26·0 | 83 | — | 69 | 17·3 | — | 17·2 | 10 | — | 2 | S | 3 | — | — | SW | 3 | 0·0 | 7·0 |
| 23 | 18·6 | — | 15·7 | 36·0 | 21·0 | 27·0 | — | 30·0 | 69 | — | 59 | 18·4 | — | 18·5 | 0 | — | 0 | S | 3 | — | — | S | 1 | 1·0 | 12·0 |
| 24 | 17·1 | — | 13·9 | 35·0 | 24·0 | 26·0 | — | 32·0 | 76 | — | 43 | 19·0 | — | 15·3 | 0 | — | 0 | S | 2 | — | — | S | 4 | 0·0 | 12·0 |
| 25 | 16·8 | — | 16·4 | 36·0 | 24·0 | 30·0 | — | 26·0 | 59 | — | 69 | 18·5 | — | 17·2 | 1 | — | 5 | N | 1 | — | — | N | 1 | 0·0 | 11·0 |
| 26 | 17·8 | — | 14·7 | 32·0 | 22·0 | 29·0 | — | 32·0 | 58 | — | 43 | 17·2 | — | 15·3 | 0 | — | 10 | SW | 1 | — | — | S | 8 | 0·0 | 13·0 |
| 27 | 17·4 | — | 15·2 | 39·0 | 23·0 | 26·0 | — | 31·0 | 69 | — | 53 | 17·2 | — | 17·9 | 0 | — | 5 | S | 2 | — | — | S | 1 | 0·0 | 15·0 |
| 28 | 19·7 | — | 15·1 | 40·0 | 25·0 | 27·0 | — | 33·0 | 63 | — | 50 | 16·6 | — | 18·6 | 0 | — | 2 | S | 2 | — | — | S | 1 | 0·0 | 17·0 |
| 29 | 19·5 | — | 16·3 | 38·0 | 26·0 | 28·0 | — | 27·0 | 63 | — | 69 | 17·8 | — | 18·4 | 4 | — | 0 | S | 1 | — | — | S | 1 | 3·0 | 12·0 |
| 30 | 17·7 | — | 15·0 | 32·0 | 23·0 | 30·0 | — | 28·0 | 59 | — | 63 | 18·5 | — | 17·8 | 1 | — | 0 | S | 2 | — | — | S | 1 | 0·0 | 9·0 |
| Month | 17·43 | — | 14·32 | 38·8 | 21·2 | 27·6 | — | 31·6 | 58 | — | 53 | 15·8 | — | 18·3 | 0·9 | — | 1·1 | — | 1·5 | — | — | — | 1·4 | 10·0 | 14·83 |

**Remarks:—**

# ROSEIRES.

φ = 11° 51′ 22″ N. λ = 34° 23′ 10″ E. H = 466·9 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m.

$C_h$ = + 38 mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16·9 | — | 16·2 | 33·0 | 22·0 | 27·0 | — | 29·0 | 69 | — | 64 | 18·4 | — | 19·1 | 0 | — | 0 | S | 2 | — | — | S | 4 | 0·0 | 15·0 |
| 2 | 19·4 | — | 16·0 | 38·0 | 23·0 | 30·0 | — | 30·0 | 47 | — | 65 | 14·7 | — | 20·5 | 5 | — | 0 | S | 4 | — | — | S | 2 | 0·0 | 11·0 |
| 3 | 18·0 | — | 15·6 | 41·0 | 25·0 | 30·0 | — | 28·0 | 65 | — | 70 | 20·5 | — | 19·7 | 0 | — | 0 | S | 2 | — | — | S | 1 | 0·0 | 11·0 |
| 4 | 18·9 | — | 15·7 | 40·0 | 24·0 | 28·0 | — | 29·0 | 70 | — | 64 | 19·7 | — | 19·1 | 5 | — | 0 | S | 4 | — | — | SW | 1 | 0·0 | 15·0 |
| 5 | 18·4 | — | 15·7 | 37·0 | 24·0 | 25·0 | — | 29·0 | 76 | — | 71 | 17·8 | — | 21·1 | 10 | — | 0 | S | 2 | — | — | S | 1 | 0·0 | 14·0 |
| 6 | 17·4 | — | 14·7 | 40·0 | 25·0 | 29·0 | — | 27·0 | 58 | — | 84 | 17·2 | — | 22·3 | 2 | — | 2 | S | 2 | — | — | S | 1 | 6·0 | 7·0 |
| 7 | 17·5 | — | 15·9 | 34·0 | 23·0 | 28·0 | — | 28·0 | 70 | — | 70 | 19·7 | — | 19·7 | 4 | — | 0 | S | 2 | — | — | SW | 1 | 0·0 | 11·0 |
| 8 | 20·0 | — | 17·1 | 38·0 | 22·0 | 29·0 | — | 31·0 | 58 | — | 53 | 17·2 | — | 17·9 | 0 | — | 2 | S | 2 | — | — | S | 3 | 0·0 | 14·0 |
| 9 | 17·1 | — | 16·4 | 34·0 | 26·0 | 30·0 | — | 23·0 | 59 | — | 83 | 18·5 | — | 17·3 | 5 | — | 10 | S | 2 | — | — | S | 5 | 12·0 | 6·0 |
| 10 | 17·2 | — | 14·0 | 36·0 | 19·0 | 25·0 | — | 27·0 | 76 | — | 77 | 17·8 | — | 20·3 | 0 | — | 0 | S | 1 | — | — | S | 1 | 0·0 | 9·0 |
| 11 | 17·4 | — | 16·9 | 36·0 | 22·0 | 28·0 | — | 27·0 | 63 | — | 63 | 17·8 | — | 16·6 | 0 | — | 5 | SW | 1 | — | — | S | 1 | 0·0 | 11·0 |
| 12 | 19·1 | — | 17·3 | 39·0 | 23·0 | 27·0 | — | 30·0 | 63 | — | 59 | 16·6 | — | 18·5 | 0 | — | 2 | SW | 2 | — | — | S | 1 | 0·0 | 11·0 |
| 13 | 19·3 | — | 16·3 | 38·0 | 24·0 | 29·0 | — | 28·0 | 64 | — | 63 | 19·1 | — | 17·8 | 0 | — | 5 | NW | 1 | — | — | SW | 1 | 1·0 | 9·0 |
| 14 | 19·2 | — | 17·7 | 35·0 | 22·0 | 23·0 | — | 28·0 | 83 | — | 57 | 17·3 | — | 16·0 | 10 | — | 10 | S | 5 | — | — | S | 2 | 0·0 | 9·0 |
| 15 | 19·4 | — | 17·5 | 38·0 | 23·0 | 27·0 | — | 28·0 | 56 | — | 70 | 14·8 | — | 19·7 | 0 | — | 9 | S | 3 | — | — | S | 2 | 0·0 | 10·0 |
| 16 | 18·6 | — | 14·8 | 39·0 | 22·0 | 28·0 | — | 29·0 | 63 | — | 64 | 17·8 | — | 19·1 | 5 | — | 0 | NW | 1 | — | — | S | 1 | 0·0 | 14·0 |
| 17 | 17·7 | — | 15·0 | 33·0 | 22·0 | 32·0 | — | 32·0 | 48 | — | 38 | 10·0 | — | 13·5 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 15·0 |
| 18 | 18·3 | — | 15·9 | 35·0 | 17·0 | 28·0 | — | 30·0 | 33 | — | 47 | 9·2 | — | 14·7 | 0 | — | 0 | N | 3 | — | — | N | 1 | 0·0 | 19.0 |
| 19 | 18·6 | — | 16·7 | 39·0 | 19·0 | 27·0 | — | 27·0 | 43 | — | 56 | 11·4 | — | 14·8 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 14·0 |
| 20 | 17·8 | — | 14·9 | 40·0 | 18·0 | 26·0 | — | 30·0 | 55 | — | 53 | 13·7 | — | 16·6 | 0 | — | 0 | W | 1 | — | — | S | 1 | 0·0 | 14·0 |
| 21 | 17·7 | — | 14·7 | 41·0 | 20·0 | 29·0 | — | 30·0 | 52 | — | 65 | 15·3 | — | 20·5 | 0 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 17·0 |
| 22 | 16·4 | — | 13·4 | 41·0 | 24·0 | 32·0 | — | 33·0 | 54 | — | 50 | 19·2 | — | 18·6 | 0 | — | 2 | SW | 3 | — | — | S | 1 | 0·0 | 20·0 |
| 23 | 15·8 | — | 16·1 | 39·0 | 23·0 | 29·0 | — | 31·0 | 52 | — | 53 | 15·3 | — | 17·9 | 10 | — | 10 | SW | 5 | — | — | S | 1 | 0·0 | 20·0 |
| 24 | 17·4 | — | 14·9 | 37·0 | 23·0 | 28·0 | — | 31·0 | 70 | — | 59 | 19·7 | — | 19·8 | 5 | — | 0 | S | 2 | — | — | S | 1 | 0·0 | 12·0 |
| 25 | 17·4 | — | 16·2 | 39·0 | 22·0 | 30·0 | — | 24·0 | 59 | — | 83 | 18·5 | — | 18·4 | 0 | — | 9 | S | 5 | — | — | S | 1 | 4·0 | 10·0 |
| 26 | 18·7 | — | 14·2 | 36·0 | 21·0 | 27·0 | — | 25·0 | 69 | — | 68 | 18·4 | — | 16·0 | 0 | — | 10 | E | 1 | — | — | S | 4 | 1·0 | 10·0 |
| 27 | 19·9 | — | 16·1 | 37·0 | 22·0 | 25·0 | — | 31·0 | 76 | — | 53 | 17·8 | — | 17·9 | 2 | — | 0 | NW | 1 | — | — | S | 2 | 0·0 | 11·0 |
| 28 | 17·5 | — | 13·7 | 37·0 | 24·0 | 28·0 | — | 32·0 | 63 | — | 60 | 17·8 | — | 21·3 | 5 | — | 0 | S | 1 | — | — | S | 1 | 0·0 | 13·0 |
| 29 | 16·8 | — | 16·6 | 41·0 | 25·0 | 31·0 | — | 29·0 | 59 | — | 71 | 19·8 | — | 21·1 | 0 | — | 0 | W | 1 | — | — | N | 2 | 0·0 | 14·0 |
| 30 | 18·9 | — | 17·0 | 38·0 | 24·0 | 29·0 | — | 30·0 | 71 | — | 59 | 21·1 | — | 18·5 | 0 | — | 0 | SW | 1 | — | — | S | 2 | 0·0 | 13·0 |
| 31 | 19·9 | — | 17·0 | 37·0 | 24·0 | 28·0 | — | 28·0 | 63 | — | 51 | 17·8 | — | 14·2 | 0 | — | 0 | SW | 3 | — | — | S | 1 | 0·0 | 15·0 |
| Month | 18·15 | — | 15·81 | 37·6 | 22·5 | 28·1 | — | 28·8 | 61 | — | 63 | 17·1 | — | 18·3 | 2·2 | — | 2·5 | — | 2·1 | — | — | — | 1·6 | 24·0 | 12·71 |

**Remarks:**

$C_h$ = + 38 mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19·4 | — | 16·0 | 39·0 | 19·0 | 29·0 | — | 29·0 | 34 | — | 52 | 10·2 | — | 15·3 | 0 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 17·0 |
| 2 | 19·1 | — | 16·0 | 38·0 | 17·0 | 26·0 | — | 26·0 | 42 | — | 55 | 10·5 | — | 13·7 | 0 | — | 0 | SW | 1 | — | — | N | 1 | 0·0 | 17·0 |
| 3 | 18·4 | — | 16.4 | 38·0 | 17·0 | 25·0 | — | 26·0 | 47 | — | 55 | 11·1 | — | 13·7 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 4 | 18·7 | — | 16·2 | 38·0 | 18·0 | 24·0 | — | 29·0 | 46 | — | 46 | 10·1 | — | 13·6 | 0 | — | 0 | W | 1 | — | — | S | 1 | 0·0 | 16·0 |
| 5 | 18·5 | — | 16·4 | 38·0 | 18.0 | 27·0 | — | 29·0 | 49 | — | 52 | 13·1 | — | 15·3 | 0 | — | 0 | S | 1 | — | — | N | 1 | 0·0 | 13·0 |
| 6 | 18·1 | — | 14·8 | 40·0 | 24·0 | 30·0 | — | 32·0 | 53 | — | 54 | 16·6 | — | 19·2 | 0 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 14·0 |
| 7 | 17·6 | — | 14·2 | 41·0 | 22·0 | 32·0 | — | 30·0 | 49 | — | 41 | 17·2 | — | 13·0 | 0 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 15·0 |
| 8 | 17·4 | — | 14·9 | 37·0 | 20·0 | 29·0 | — | 32·0 | 58 | — | 38 | 17·2 | — | 13·5 | 0 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 17·0 |
| 9 | 18·4 | — | 16·0 | 40·0 | 23·0 | 31·0 | — | 33·0 | 53 | — | 39 | 17·9 | — | 14·7 | 0 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 15·0 |
| 10 | 18·4 | — | 16·1 | 40·0 | 23·0 | 32·0 | — | 34·0 | 49 | — | 40 | 17·2 | — | 16·0 | 0 | — | 0 | SW | 4 | — | — | SW | 1 | 0·0 | 17·0 |
| 11 | 18·8 | — | 15·8 | 40·0 | 26·0 | 31·0 | — | 31·0 | 53 | — | 53 | 17·9 | — | 17·9 | 0 | — | 0 | S | 3 | — | — | S | 1 | 0·0 | 15·0 |
| 12 | 17·6 | — | 15·6 | 41·0 | 22·0 | 30·0 | — | 30·0 | 59 | — | 59 | 18·5 | — | 18·5 | 0 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 15·0 |
| 13 | 19·0 | — | 17·0 | 38·0 | 26·0 | 31·0 | — | 32·0 | 59 | — | 49 | 19·8 | — | 17·2 | 0 | — | 0 | SW | 2 | — | — | S | 1 | 0·0 | 13·0 |
| 14 | 20·2 | — | 17·6 | 35·0 | 22·0 | 30·0 | — | 32·0 | 59 | — | 49 | 18·5 | — | 17·2 | 0 | — | 0 | W | 1 | — | — | S | 1 | 0·0 | 14·0 |
| 15 | 20·6 | — | 18·1 | 37·0 | 24·0 | 29·0 | — | 31·0 | 58 | — | 48 | 17·2 | — | 15·9 | 0 | — | 10 | SW | 1 | — | — | W | 3 | 0·0 | 14·0 |
| 16 | 19·9 | — | 17·2 | 37·0 | 22·0 | 29·0 | — | 28·0 | 58 | — | 57 | 17·2 | — | 16·0 | 0 | — | 10 | S | 1 | — | — | S | 4 | 0·0 | 13·0 |
| 17 | 19·6 | — | 17·3 | 34·0 | 25·0 | 30·0 | — | 30·0 | 53 | — | 53 | 16·6 | — | 16·6 | 0 | — | 5 | SW | 2 | — | — | SW | 2 | 0·0 | 15·0 |
| 18 | 18·6 | — | 17·8 | 36·0 | 25·0 | 31·0 | — | 27·0 | 53 | — | 63 | 17·9 | — | 16·6 | 1 | — | 10 | SW | 1 | — | — | S | 2 | 14·0 | 10·0 |
| 19 | 19·7 | — | 18·2 | 36·0 | 23·0 | 27·0 | — | 28·0 | 77 | — | 70 | 20·3 | — | 19·7 | 5 | — | 2 | SW | 1 | — | — | S | 1 | 0·0 | 11·0 |
| 20 | 20·1 | — | 17·4 | 32·0 | 24·0 | 27·0 | — | 31·0 | 69 | — | 53 | 18·4 | — | 17·9 | 0 | — | 5 | S | 2 | — | — | S | 2 | 0·0 | 13·0 |
| 21 | 19·6 | — | 17·4 | 37·0 | 24·0 | 27.0 | — | 31·0 | 69 | — | 53 | 18·4 | — | 17·9 | 0 | — | 0 | S | 1 | — | — | S | 2 | 0·0 | 16·0 |
| 22 | 19·8 | — | 17·0 | 36·0 | 24·0 | 29·0 | — | 31·0 | 64 | — | 53 | 19·1 | — | 17·9 | 0 | — | 5 | SW | 1 | — | — | S | 3 | 0·0 | 16·0 |
| 23 | 18·9 | — | 17·9 | 36·0 | 21·0 | 27·0 | — | 29·0 | 63 | — | 58 | 16·6 | — | 17·2 | 0 | — | 0 | SW | 1 | — | — | S | 2 | 7·0 | 17·0 |
| 24 | 18·9 | — | 17·5 | 36·0 | 20·0 | 22·0 | — | 29·0 | 82 | — | 64 | 16·2 | — | 19·1 | 10 | — | 0 | SE | 4 | — | — | S | 3 | 2·0 | 4·0 |
| 25 | 20·6 | — | 17·1 | 36·0 | 22·0 | 25·0 | — | 30·0 | 84 | — | 65 | 19·7 | — | 20·5 | 9 | — | 0 | S | 1 | — | — | S | 1 | 0·0 | 10·0 |
| 26 | 19·7 | — | 17·7 | 34·0 | 23.0 | 26·0 | — | 29·0 | 69 | — | 64 | 17·2 | — | 19·1 | 5 | — | 0 | S | 2 | — | — | N | 1 | 5·0 | 10·0 |
| 27 | 20·6 | — | 20·0 | 31·0 | 21·0 | 24·0 | — | 25·0 | 83 | — | 68 | 18·4 | — | 16·0 | 5 | — | 10 | SW | 1 | — | — | S | 2 | 0·0 | 8·0 |
| 28 | 20·9 | — | 19·7 | 27·0 | 21·0 | 23·0 | — | 27·0 | 83 | — | 63 | 17·3 | — | 16·6 | 10 | — | 10 | S | 1 | — | — | S | 1 | 0·0 | 7·0 |
| 29 | 19·4 | — | 17·5 | 35·0 | 23·0 | 25·0 | — | 29·0 | 76 | — | 58 | 17·8 | — | 17·2 | 10 | — | 0 | NE | 2 | — | — | S | 1 | 0·0 | 10·0 |
| 30 | 20·3 | — | 18·3 | 33·0 | 23·0 | 26·0 | — | 28·0 | 69 | — | 70 | 17·2 | — | 19·7 | 10 | — | 10 | W | 1 | — | — | S | 1 | 5·0 | 7·0 |
| Month | 19·23 | — | 16·97 | 36·5 | 22·1 | 27·8 | — | 29·6 | 61 | — | 55 | 16·7 | — | 16·8 | 2·2 | — | 2·6 | — | 1·4 | — | — | — | 1·5 | 33·0 | 13·17 |

**Remarks:—**

# ROSEIRES.

$\varphi = 11° 51' 22''$ N. $\lambda = 34° 23' 10''$ E. $H = 466·9$ m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h = +39$ mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20·2 | — | 18·0 | 30·0 | 20·0 | 22·0 | — | 27·0 | 91 | — | 69 | 17·9 | — | 18·4 | 10 | — | 0 | S | 3 | — | — | S | 1 | 0·0 | 7·0 |
| 2 | 19·6 | — | 17·8 | 26·0 | 21·0 | 23·0 | — | 25·0 | 83 | — | 76 | 17·3 | — | 17·8 | 5 | — | 10 | S | 3 | — | — | S | 5 | 8·0 | 8·0 |
| 3 | 19·0 | — | 17·8 | 33·0 | 20·0 | 23·0 | — | 28·0 | 83 | — | 39 | 17·3 | — | 10·8 | 0 | — | 10 | S | 3 | — | — | S | 3 | 11·0 | 8·0 |
| 4 | 18·9 | — | 18·8 | 35·0 | 21·0 | 23·0 | — | 28·0 | 83 | — | 63 | 17·3 | — | 17·8 | 5 | — | 10 | S | 4 | — | — | S | 2 | 5·0 | 10·0 |
| 5 | 20·8 | — | 19·3 | 33·0 | 20·0 | 25·0 | — | 28·0 | 76 | — | 70 | 17·8 | — | 19·7 | 0 | — | 10 | S | 2 | — | — | S | 1 | 15·0 | 8·0 |
| 6 | 20·1 | — | 19·1 | 33·0 | 23·0 | 25·0 | — | 27·0 | 84 | — | 69 | 19·7 | — | 18·4 | 0 | — | 10 | S | 3 | — | — | S | 1 | 1·0 | 8·0 |
| 7 | 20·4 | — | 18·6 | 33·0 | 20·0 | 23·0 | — | 26·0 | 91 | — | 76 | 19·0 | — | 19·0 | 5 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 9·0 |
| 8 | 19·2 | — | 17·9 | 30·0 | 23·0 | 26·0 | — | 30·0 | 69 | — | 53 | 17·2 | — | 16·6 | 5 | — | 0 | SW | 2 | — | — | S | 2 | 9·0 | 10·0 |
| 9 | 21·1 | — | 18·9 | 30·0 | 20·0 | 21·0 | — | 23·0 | 91 | — | 91 | 16·8 | — | 19·0 | 10 | — | 0 | N | 1 | — | — | SW | 1 | 0·0 | 4·0 |
| 10 | 21·1 | — | 19·7 | 28·0 | 20·0 | 22·0 | — | 25·0 | 91 | — | 76 | 17·9 | — | 17·8 | 10 | — | 9 | S | 2 | — | — | S | 2 | 0·0 | 6·0 |
| 11 | 20·9 | — | 17·9 | 30·0 | 22·0 | 23·0 | — | 25·0 | 91 | — | 76 | 19·0 | — | 17·8 | 5 | — | 10 | SE | 1 | — | — | S | 1 | 3·0 | 6·0 |
| 12 | 20·5 | — | 19·1 | 28·0 | 20·0 | 20·0 | — | 24·0 | 91 | — | 91 | 15·7 | — | 20·3 | 10 | — | 10 | S | 1 | — | — | S | 1 | 0·0 | 4·0 |
| 13 | 21·4 | — | 19·0 | 35·0 | 20·0 | 24·0 | — | 28·0 | 83 | — | 63 | 18·4 | — | 17·8 | 0 | — | 0 | S | 1 | — | — | S | 2 | 6·0 | 7·0 |
| 14 | 21·2 | — | 18·8 | 34·0 | 20·0 | 22·0 | — | 26·0 | 82 | — | 69 | 16·2 | — | 17·2 | 10 | — | 2 | NW | 1 | — | — | S | 1 | 4·0 | 6·0 |
| 15 | 19·4 | — | 18·4 | 31·0 | 20·0 | 21·0 | — | 25·0 | 91 | — | 84 | 16·8 | — | 19·7 | 10 | — | 0 | S | 4 | — | — | S | 1 | 0·0 | 5·0 |
| 16 | 19·4 | — | 18·4 | 34·0 | 21·0 | 26·0 | — | 24·0 | 69 | — | 83 | 17·2 | — | 18·4 | 0 | — | 0 | SE | 1 | — | — | S | 4 | 14·0 | 7·0 |
| 17 | 22·6 | — | 19·5 | 30·0 | 20·0 | 21·0 | — | 24·0 | 91 | — | 91 | 16·8 | — | 20·3 | 10 | — | 0 | S | 1 | — | — | S | 1 | 0·0 | 4·0 |
| 18 | 20·4 | — | 19·2 | 35·0 | 20·0 | 25·0 | — | 27·0 | 76 | — | 69 | 17·8 | — | 18·4 | 0 | — | 5 | SW | 1 | — | — | S | 1 | 0·0 | 6·0 |
| 19 | 19·7 | — | 18·3 | 35·0 | 23·0 | 26·0 | — | 25·0 | 76 | — | 76 | 19·0 | — | 17·8 | 5 | — | 10 | SW | 1 | — | — | NW | 2 | 0·0 | 6·0 |
| 20 | 19·9 | — | 19·2 | 32·0 | 22·0 | 25·0 | — | 24·0 | 76 | — | 83 | 17·8 | — | 18·4 | 5 | — | 10 | S | 2 | — | — | S | 1 | 0·0 | 6·0 |
| 21 | 19·7 | — | 19·3 | 32·0 | 22·0 | 24·0 | — | 27·0 | 83 | — | 63 | 18·4 | — | 16·6 | 5 | — | 10 | S | 2 | — | — | S | 2 | 0·0 | 8·0 |
| 22 | 20·6 | — | 19·0 | 33·0 | 22·0 | 25·0 | — | 26·0 | 68 | — | 76 | 16·0 | — | 19·0 | 10 | — | 2 | S | 4 | — | — | S | 2 | 0·0 | 8·0 |
| 23 | 19·6 | — | 17·2 | 36·0 | 22·0 | 26·0 | — | 27·0 | 76 | — | 69 | 19·0 | — | 18·4 | 0 | — | 0 | S | 1 | — | — | N | 1 | 13·0 | 8·0 |
| 24 | 19·0 | — | 18·1 | 30·0 | 21·0 | 22·0 | — | 25·0 | 91 | — | 84 | 17·9 | — | 19·7 | 10 | — | 5 | S | 2 | — | — | N | 1 | 0·0 | 5·0 |
| 25 | 20·1 | — | 20·1 | 31·0 | 22·0 | 24·0 | — | 23·0 | 83 | — | 91 | 18·4 | — | 19·0 | 10 | — | 10 | S | 4 | — | — | S | 1 | 1·0 | 4·0 |
| 26 | 20·8 | — | 18·3 | 34·0 | 21·0 | 25·0 | — | 27·0 | 84 | — | 69 | 19·7 | — | 18·4 | 0 | — | 10 | SW | 1 | — | — | S | 3 | 25·0 | 6·0 |
| 27 | 20·9 | — | 18·9 | 32·0 | 19·0 | 22·0 | — | 25·0 | 91 | — | 84 | 17·9 | — | 19·7 | 5 | — | 5 | SW | 1 | — | — | S | 4 | 0·0 | 4·0 |
| 28 | 19·7 | — | 18·1 | 31·0 | 21·0 | 23·0 | — | 25·0 | 91 | — | 76 | 19·0 | — | 17·8 | 5 | — | 0 | S | 4 | — | — | S | 1 | 0·0 | 5·0 |
| 29 | 18·7 | — | 17·2 | 34·0 | 21·0 | 24·0 | — | 28·0 | 83 | — | 70 | 18·4 | — | 19·7 | 5 | — | 10 | SW | 1 | — | — | S | 2 | 0·0 | 6·0 |
| 30 | 19·6 | — | 20·2 | 33·0 | 23·0 | 26·0 | — | 22·0 | 76 | — | 91 | 19·0 | — | 17·9 | 0 | — | 10 | S | 1 | — | — | S | 1 | 0·0 | 4·0 |
| 31 | 21·1 | — | 18·9 | 32·0 | 21·0 | 23·0 | — | 26·0 | 91 | — | 84 | 19·0 | — | 20·9 | 5 | — | 0 | SW | 1 | — | — | N | 1 | 0·0 | 5·0 |
| Month | 20·18 | — | 18·68 | 32·0 | 21·0 | 23·5 | — | 25·8 | 83 | — | 75 | 17·9 | — | 18·3 | 5·2 | — | 5·4 | — | 1·9 | — | — | — | 1·7 | 115·0 | 6·39 |

**Remarks:—**

$C_h = +39$ mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20·4 | — | 19·6 | 33·0 | 22·0 | 27·0 | — | 22·0 | 77 | — | 91 | 20·3 | — | 17·9 | 0 | — | 10 | S | 3 | — | — | S | 2 | 0·0 | 5·0 |
| 2 | 19·9 | — | 18·0 | 33·0 | 21·0 | 24·0 | — | 26·0 | 75 | — | 76 | 16·6 | — | 19·0 | 7 | — | 5 | S | 3 | — | — | S | 2 | 0·0 | 6·0 |
| 3 | 19·2 | — | 18·6 | 31·0 | 22·0 | 25·0 | — | 25·0 | 84 | — | 76 | 19·7 | — | 17·8 | 0 | — | 5 | S | 1 | — | — | S | 4 | 0·0 | 4·0 |
| 4 | 20·6 | — | 19·9 | 28·0 | 21·0 | 22·0 | — | 23·0 | 91 | — | 83 | 17·9 | — | 17·3 | 10 | — | 10 | S | 2 | — | — | S | 4 | 0·0 | 4·0 |
| 5 | 20·2 | — | 18·3 | 33·0 | 20·0 | 22·0 | — | 27·0 | 91 | — | 77 | 17·9 | — | 20·3 | 5 | — | 0 | S | 5 | — | — | S | 1 | 0·0 | 6·0 |
| 6 | 20·4 | — | 17·8 | 34·0 | 21·0 | 24·0 | — | 28·0 | 83 | — | 77 | 18·4 | — | 21·7 | 0 | — | 0 | S | 1 | — | — | N | 1 | 0·0 | 6·0 |
| 7 | 19·7 | — | 18·8 | 34·0 | 22·0 | 26·0 | — | 22·0 | 84 | — | 91 | 20·9 | — | 17·9 | 0 | — | 5 | S | 2 | — | — | S | 2 | 7·0 | 3·0 |
| 8 | 20·3 | — | 18·4 | 26·0 | 21·0 | 23·0 | — | 23·0 | 91 | — | 91 | 19·0 | — | 19·0 | 10 | — | 5 | SW | 1 | — | — | S | 1 | 0·0 | 2·0 |
| 9 | 18·5 | — | 17·5 | 33·0 | 21·0 | 25·0 | — | 26·0 | 84 | — | 69 | 19·7 | — | 17·2 | 0 | — | 10 | SW | 2 | — | — | S | 5 | 13·0 | 6·0 |
| 10 | 20·6 | — | 18·9 | 31·0 | 19·0 | 21·0 | — | 24·0 | 91 | — | 83 | 16·8 | — | 18·4 | 10 | — | 0 | S | 1 | — | — | N | 1 | 0·0 | 4·0 |
| 11 | 20·6 | — | 20·0 | 33·0 | 20·0 | 25·0 | — | 24·0 | 84 | — | 91 | 19·7 | — | 20·3 | 0 | — | 0 | SW | 1 | — | — | S | 2 | 11·0 | 5·0 |
| 12 | 20·5 | — | 18·9 | 32·0 | 21·0 | 24·0 | — | 25·0 | 83 | — | 92 | 18·4 | — | 21·6 | 0 | — | 0 | SW | 2 | — | — | S | 2 | 0·0 | 4·0 |
| 13 | 21·0 | — | 18·8 | 32·0 | 22·0 | 23·0 | — | 22·0 | 91 | — | 91 | 19·0 | — | 17·9 | 10 | — | 0 | NW | 2 | — | — | S | 2 | 0·0 | 4·0 |
| 14 | 20·4 | — | 18·0 | 32·0 | 21·0 | 23·0 | — | 26·0 | 83 | — | 76 | 17·3 | — | 19·0 | 5 | — | 0 | S | 1 | — | — | S | 1 | 0·0 | 6·0 |
| 15 | 19·7 | — | 18·1 | 30·0 | 20·0 | 21·0 | — | 24·0 | 91 | — | 91 | 16·8 | — | 20·3 | 10 | — | 10 | W | 1 | — | — | S | 2 | 0·0 | 4·0 |
| 16 | 19·7 | — | 19·2 | 30·0 | 21·0 | 24·0 | — | 25·0 | 83 | — | 76 | 18·4 | — | 17·8 | 10 | — | 10 | S | 2 | — | — | N | 2 | 0·0 | 6·0 |
| 17 | 21·0 | — | 19·1 | — | 21·0 | 24·0 | — | 22·0 | 83 | — | 91 | 18·4 | — | 17·9 | 0 | — | 10 | SE | 2 | — | — | S | 4 | 7·0 | 5·0 |
| 18 | 20·4 | — | 19·0 | 26·0 | 20·0 | 22·0 | — | 25·0 | 91 | — | 76 | 17·9 | — | 17·8 | 0 | — | 10 | SW | 2 | — | — | S | 5 | 0·0 | 5·0 |
| 19 | 18·9 | — | 16·2 | 34·0 | 21·0 | 25·0 | — | 28·0 | 76 | — | 77 | 17·8 | — | 21·7 | 0 | — | 0 | S | 1 | — | — | S | 1 | 1·0 | 7·0 |
| 20 | 16·7 | — | 16·7 | 30·0 | 19·0 | 21·0 | — | 26·0 | 91 | — | 84 | 16·8 | — | 20·9 | 10 | — | 0 | SW | 4 | — | — | S | 1 | 6·0 | 4·0 |
| 21 | 19·3 | — | 18·9 | 28·0 | 20·0 | 22·0 | — | 23·0 | 91 | — | 83 | 17·9 | — | 17·3 | 5 | — | 5 | NW | 1 | — | — | S | 4 | 0·0 | 4·0 |
| 22 | 20·4 | — | 18·4 | 27·0 | 20·0 | 24·0 | — | 26·0 | 83 | — | 84 | 18·4 | — | 20·9 | 0 | — | 0 | S | 2 | — | — | N | 1 | 0·0 | 5·0 |
| 23 | 19·7 | — | 17·8 | 28·0 | 21·0 | 23·0 | — | 28·0 | 83 | — | 77 | 17·3 | — | 21·7 | 10 | — | 10 | S | 2 | — | — | S | 1 | 0·0 | 5·0 |
| 24 | 19·1 | — | 18·0 | 33·0 | 22·0 | 25·0 | — | 28·0 | 76 | — | 63 | 17·8 | — | 17·8 | 5 | — | 10 | S | 2 | — | — | S | 5 | 30·0 | 6·0 |
| 25 | 20·1 | — | 19·5 | 28·0 | 19·0 | 21·0 | — | 26·0 | 91 | — | 84 | 16·8 | — | 20·9 | 10 | — | 0 | SW | 1 | — | — | S | 2 | 0·0 | 4·0 |
| 26 | 20·6 | — | 19·2 | 33·0 | 21·0 | 25·0 | — | 26·0 | 76 | — | 92 | 17·8 | — | 22·9 | 0 | — | 0 | SW | 2 | — | — | S | 1 | 0·0 | 4·0 |
| 27 | 20·8 | — | 19·3 | 25·0 | 23·0 | 25·0 | — | 24·0 | 84 | — | 83 | 19·7 | — | 18·4 | 0 | — | 0 | S | 1 | — | — | S | 2 | 0·0 | 5·0 |
| 28 | 21·9 | — | 19·6 | 27·0 | 19·0 | 22·0 | — | 24·0 | 91 | — | 91 | 17·9 | — | 20·3 | 10 | — | 0 | SW | 2 | — | — | S | 1 | 0·0 | 4·0 |
| 29 | 20·2 | — | 18·5 | 31·0 | 21·0 | 23·0 | — | 26·0 | 83 | — | 76 | 17·3 | — | 19·0 | 5 | — | 0 | S | 2 | — | — | N | 2 | 0·0 | 5·0 |
| 30 | 19·5 | — | 17·0 | 30·0 | 20·0 | 23·0 | — | 28·0 | 83 | — | 77 | 17·3 | — | 21·7 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 5·0 |
| 31 | 18·4 | — | 18·1 | — | 22·0 | 26·0 | — | 25·0 | 76 | — | 76 | 19·0 | — | 17·8 | 0 | — | 0 | S | 2 | — | — | SW | 2 | 1·0 | 6·0 |
| Month | 19·96 | — | 18·52 | 30·5 | 20·8 | 23·5 | — | 25·1 | 85 | — | 82 | 18·2 | — | 19·4 | 4·3 | — | 3·7 | — | 1·8 | — | — | — | 2·2 | 76·0 | 4·81 |

**Remarks:—**

# ROSEIRES.

$\varphi = 11° 51' 22''$ N. $\lambda = 34° 23' 10''$ E. H = 466·9 m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h = +39$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direpct. | Force | 20 h Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18·6 | — | 17·7 | 30·0 | 19·0 | 22·0 | — | 26·0 | 82 | — | 84 | 16·2 | — | 20·9 | 7 | — | 0 | SE | 1 | — | — | SW | 1 | 0·0 | 5·0 |
| 2 | 19·6 | — | 16·0 | 32·0 | 20·0 | 24·0 | — | 27·0 | 83 | — | 77 | 18·4 | — | 20·3 | 0 | — | 0 | SW | 2 | — | — | S | 1 | 0·0 | 5·0 |
| 3 | 17·7 | — | 16·7 | 36·0 | 22·0 | 27·0 | — | 25·0 | 63 | — | 84 | 16·6 | — | 19·7 | 0 | — | 0 | SE | 2 | — | — | S | 1 | 0·0 | 6·0 |
| 4 | 18·8 | — | 19·2 | 34·0 | 20·0 | 24·0 | — | 22·0 | 83 | — | 91 | 18·4 | — | 17·9 | 0 | — | 10 | SW | 2 | — | — | S | 4 | 52·0 | 4·0 |
| 5 | 19·7 | — | 17·9 | 30·0 | 20·0 | 22·0 | — | 25·0 | 91 | — | 92 | 17·9 | — | 21·6 | 5 | — | 0 | S | 4 | — | — | S | 1 | 0·0 | 4·0 |
| 6 | 20·2 | — | 17·7 | 31·0 | 20·0 | 25·0 | — | 26·0 | 76 | — | 84 | 17·8 | — | 20·9 | 0 | — | 5 | S | 1 | — | — | S | 1 | 0·0 | 4·0 |
| 7 | 19·3 | — | 17·2 | 35·0 | 21·0 | 26·0 | — | 27·0 | 84 | — | 84 | 20·9 | — | 22·3 | 0 | — | 0 | SW | 1 | — | — | N | 1 | 0·0 | 6·0 |
| 8 | 19·3 | — | 18·7 | 33·0 | 22·0 | 25·0 | — | 25·0 | 84 | — | 84 | 19·7 | — | 19·7 | 0 | — | 10 | SW | 1 | — | — | S | 1 | 0·0 | 6·0 |
| 9 | 20·1 | — | 19·1 | 26·0 | 21·0 | 23·0 | — | 23·0 | 91 | — | 91 | 19·0 | — | 19·0 | 0 | — | 10 | SE | 1 | — | — | S | 1 | 8·0 | 2·0 |
| 10 | 19·9 | — | 16·7 | 30·0 | 19·0 | 21·0 | — | 26·0 | 91 | — | 92 | 16·8 | — | 22·9 | 5 | — | 0 | SW | 1 | — | — | N | 1 | 2·0 | 3·0 |
| 11 | 18·8 | — | 17·0 | 34·0 | 21·0 | 25·0 | — | 27·0 | 84 | — | 77 | 19·7 | — | 20·3 | 0 | — | 5 | SW | 1 | — | — | S | 1 | 0·0 | 5·0 |
| 12 | 17·7 | — | 17·4 | 27·0 | 21·0 | 24·0 | — | 26·0 | 83 | — | 92 | 18·4 | — | 22·9 | 10 | — | 10 | S | 2 | — | — | S | 1 | 0·0 | 5·0 |
| 13 | 19·6 | — | 18·8 | 30·0 | 22·0 | 24·0 | — | 25·0 | 75 | — | 68 | 16·6 | — | 16·0 | 10 | — | 10 | S | 5 | — | — | S | 5 | 0·0 | 12·0 |
| 14 | 18·5 | — | 16·9 | 30·0 | 20·0 | 24·0 | — | 30·0 | 83 | — | 71 | 18·4 | — | 22·5 | 5 | — | 10 | S | 1 | — | — | S | 1 | 1·0 | 7·0 |
| 15 | 18·4 | — | 17·9 | 27·0 | 20·0 | 24·0 | — | 27·0 | 75 | — | 77 | 16·6 | — | 20·3 | 0 | — | 10 | SW | 2 | — | — | S | 1 | 0·0 | 7·0 |
| 16 | 18·8 | — | 17·1 | 36·0 | 21·0 | 25·0 | — | 29·0 | 76 | — | 71 | 17·8 | — | 21·1 | 0 | — | 10 | S | 2 | — | — | S | 1 | 0·0 | 7·0 |
| 17 | 20·3 | — | 18·3 | 34·0 | 20·0 | 22·0 | — | 27·0 | 82 | — | 69 | 16·2 | — | 18·4 | 5 | — | 10 | N | 1 | — | — | SE | 5 | 0·0 | 6·0 |
| 18 | 19·8 | — | 17·8 | 35·0 | 20·0 | 24·0 | — | 27·0 | 75 | — | 69 | 16·6 | — | 18·4 | 0 | — | 0 | NE | 1 | — | — | S | 1 | 25·0 | 6·0 |
| 19 | 19·7 | — | 18·0 | 30·0 | 19·0 | 23·0 | — | 27·0 | 83 | — | 77 | 17·3 | — | 20·3 | 0 | — | 0 | S | 2 | — | — | NW | 2 | 0·0 | 5·0 |
| 20 | 19·4 | — | 18·2 | 26·0 | 21·0 | 25·0 | — | 22·0 | 76 | — | 82 | 17·8 | — | 16·2 | 0 | — | 10 | SW | 1 | — | — | S | 1 | 27·0 | 5·0 |
| 21 | 18·9 | — | 17·2 | 34·0 | 20·0 | 25·0 | — | 27·0 | 84 | — | 84 | 19·7 | — | 22·3 | 0 | — | 0 | S | 1 | — | — | N | 1 | 0·0 | 5·0 |
| 22 | 17·9 | — | 16·2 | 27·0 | 21·0 | 24·0 | — | 26·0 | 91 | — | 76 | 20·3 | — | 19·0 | 0 | — | 10 | SW | 1 | — | — | W | 2 | 0·0 | 6·0 |
| 23 | 18·7 | — | 19·2 | 35·0 | 21·0 | 26·0 | — | 22·0 | 76 | — | 91 | 19·0 | — | 17·9 | 10 | — | 10 | E | 1 | — | — | W | 4 | 11·0 | 5·0 |
| 24 | 19·9 | — | 17·9 | 34·0 | 19·0 | 24·0 | — | 28·0 | 83 | — | 77 | 18·4 | — | 21·7 | 0 | — | 0 | S | 4 | — | — | S | 1 | 0·0 | 5·0 |
| 25 | 19·3 | — | 17·2 | 36·0 | 21·0 | 23·0 | — | 27·0 | 91 | — | 84 | 19·0 | — | 22·3 | 0 | — | 0 | S | 2 | — | — | N | 1 | 0·0 | 6·0 |
| 26 | 18·2 | — | 16·6 | 32·0 | 21·0 | 25·0 | — | 26·0 | 92 | — | 76 | 21·6 | — | 19·0 | 0 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 6·0 |
| 27 | 17·5 | — | 16·5 | 32·0 | 21·0 | 26·0 | — | 27·0 | 69 | — | 63 | 17·2 | — | 16·6 | 0 | — | 0 | S | 2 | — | — | S | 1 | 0·0 | 7·0 |
| 28 | 17·7 | — | 16·3 | 29·0 | 21·0 | 28·0 | — | 28·0 | 63 | — | 70 | 17·8 | — | 19·7 | 0 | — | 0 | SW | 1 | — | — | S | 2 | 0·0 | 7·0 |
| 29 | 17·7 | — | 16·3 | 27·0 | 22·0 | 28·0 | — | 27·0 | 70 | — | 63 | 19·7 | — | 16·6 | 0 | — | 10 | SW | 1 | — | — | S | 1 | 0·0 | 9·0 |
| 30 | 17·6 | — | 15·5 | 26·0 | 21·0 | 27·0 | — | 26·0 | 69 | — | 84 | 18·4 | — | 20·9 | 5 | — | 0 | SW | 1 | — | — | S | 1 | 0·0 | 7·0 |
| Month | 18·92 | — | 17·44 | 31·3 | 20·6 | 24·5 | — | 26·1 | 80 | — | 79 | 18·3 | — | 19·9 | 2·1 | — | 4·7 | — | 1·6 | — | — | — | 1·6 | 126·0 | 5·77 |

**Remarks:—**

$C_h = +39$ mm.

## October 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direpct. | Force | 20 h Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16·8 | — | 14·7 | — | 20·0 | 25·0 | — | 30·0 | 84 | — | 65 | 19·7 | — | 20·5 | 0 | — | 0 | S | 1 | — | — | S | 1 | 0·0 | 8·0 |
| 2 | 19·4 | — | 19·9 | 32·0 | 21·0 | 25·0 | — | 22·0 | 76 | — | 91 | 17·8 | — | 17·9 | 0 | — | 10 | N | 1 | — | — | N | 1 | 44·0 | 5·0 |
| 3 | 20·0 | — | 18·0 | 32·0 | 20·0 | 24·0 | — | 26·0 | 83 | — | 76 | 18·4 | — | 19·0 | 0 | — | 0 | S | 2 | — | — | S | 1 | 0·0 | 5·0 |
| 4 | 20·0 | — | 17·0 | 27·0 | 21·0 | 24·0 | — | 25·0 | 75 | — | 76 | 16·6 | — | 17·8 | 0 | — | 0 | S | 5 | — | — | S | 1 | 0·0 | 5·0 |
| 5 | 18·9 | — | 17·9 | 27·0 | 22·0 | 25·0 | — | 23·0 | 76 | — | 91 | 17·8 | — | 19·0 | 4 | — | 9 | S | 1 | — | — | S | 2 | 0·0 | 4·0 |
| 6 | 19·2 | — | 17·4 | 27·0 | 21·0 | 25·0 | — | 25·0 | 76 | — | 84 | 17·8 | — | 19·7 | 6 | — | 0 | S | 2 | — | — | W | 1 | 0·0 | 5·3 |
| 7 | 15·8 | — | 15·4 | — | 21·0 | 25·0 | — | 27·3 | 84 | — | 50 | 19·7 | — | 13·4 | 5 | — | 0 | SW | 1 | — | — | W | 2 | 0·0 | 6·0 |
| 8 | 17·3 | — | 16·3 | 34·0 | 21·0 | 26·0 | — | 24·0 | 76 | — | 75 | 19·0 | — | 16·6 | 2 | — | 3 | S | 1 | — | — | W | 1 | 0·0 | 8·0 |
| 9 | 17·7 | — | 15·5 | 34·0 | 20·0 | 27·0 | — | 26·0 | 69 | — | 76 | 16·4 | — | 19·0 | 4 | — | 2 | S | 3 | — | — | W | 1 | 0·0 | 6·0 |
| 10 | 16·3 | — | 16·2 | — | 20·0 | 25·0 | — | 24·0 | 76 | — | 83 | 17·8 | — | 18·4 | 0 | — | 0 | Calm | 0 | — | — | Calm | 0 | 0·0 | 8·5 |
| 11 | 16·7 | — | 17·1 | 38·0 | 20·0 | 25·0 | — | 22·0 | 76 | — | 91 | 17·8 | — | 17·9 | 0 | — | 0 | SW | 1 | — | — | Calm | 0 | 0·0 | 7·0 |
| 12 | 16·7 | — | 15·6 | 37·0 | 20·0 | 26·0 | — | 24·0 | 76 | — | 75 | 19·0 | — | 16·6 | 0 | — | 10 | S | 1 | — | — | E | 1 | 4·8 | 6·0 |
| 13 | 16·7 | — | 17·9 | 38·0 | 19·0 | 26·0 | — | 24·0 | 69 | — | 75 | 17·2 | — | 16·6 | 3 | — | 9 | SE | 1 | — | — | SE | 2 | 0·0 | 8·0 |
| 14 | 16·8 | — | 16·2 | 38·0 | 18·0 | 23·0 | — | 27·0 | 83 | — | 69 | 17·3 | — | 18·4 | 2 | — | 3 | SW | 1 | — | — | Calm | 0 | 0·0 | 8·0 |
| 15 | 16·5 | — | 15·8 | 38·0 | 18·0 | 27·0 | — | 28·0 | 66 | — | 70 | 17·5 | — | 19·7 | 3 | — | 2 | S | 1 | — | — | E | 1 | 0·0 | — |
| 16 | 16·4 | — | 17·0 | 38·0 | 18·0 | 28·0 | — | 25·0 | 63 | — | 68 | 17·8 | — | 16·0 | 3 | — | 0 | SW | 1 | — | — | E | 1 | 0·0 | 8·0 |
| 17 | 16·7 | — | 16·6 | 38·0 | 18·0 | 25·0 | — | 26·0 | 76 | — | 69 | 17·8 | — | 17·2 | 2 | — | 3 | NW | 1 | — | — | SE | 1 | 0·0 | 8·5 |
| 18 | 16·3 | — | 15·3 | 38·0 | 18·0 | 27·0 | — | 21·0 | 69 | — | 58 | 18·4 | — | 17·2 | 3 | — | 2 | SW | 1 | — | — | E | 1 | 0·0 | 10·0 |
| 19 | 15·2 | — | 14·1 | 40·0 | 18·0 | 29·0 | — | 28·0 | 64 | — | 63 | 19·1 | — | 17·8 | 3 | — | 0 | SE | 1 | — | — | E | 1 | 0·0 | 9·0 |
| 20 | 16·1 | — | 13·2 | 40·0 | 18·5 | 26·0 | — | 30·0 | 69 | — | 59 | 17·2 | — | 18·5 | 0 | — | 3 | SW | 1 | — | — | Calm | 0 | 0·0 | 11·0 |
| 21 | 15·3 | — | 13·3 | 40·0 | 18·5 | 27·0 | — | 29·5 | 69 | — | 61 | 18·4 | — | 18·8 | 2 | — | 0 | SW | 1 | — | — | E | 1 | 0·0 | 10·0 |
| 22 | 15·9 | — | 14·6 | 40·0 | 18·5 | 22·5 | — | 30·0 | 78 | — | 53 | 15·8 | — | 16·6 | 3 | — | 0 | SW | 1 | — | — | Calm | 0 | 0·0 | 11·0 |
| 23 | 15·6 | — | 14·0 | 40·0 | 18·5 | 24·0 | — | 29·0 | 72 | — | 58 | 15·8 | — | 17·2 | 0 | — | 0 | SW | 1 | — | — | Calm | 0 | 0·0 | 11·0 |
| 24 | 15·7 | — | 13·1 | 40·0 | 18·0 | 25·0 | — | 28·0 | 76 | — | 70 | 17·8 | — | 19·7 | 0 | — | 0 | N | 1 | — | — | Calm | 0 | 0·0 | 10·5 |
| 25 | 16·4 | — | 14·0 | 40·0 | 18·5 | 23·5 | — | 27·0 | 71 | — | 69 | 15·2 | — | 18·4 | 0 | — | 0 | SW | 1 | — | — | Calm | 0 | 0·0 | 12·5 |
| 26 | 16·4 | — | 14·1 | 39·0 | 18·0 | 22·0 | — | 28·0 | 58 | — | 63 | 11·4 | — | 17·8 | 2 | — | 2 | NE | 1 | — | — | E | 1 | 0·0 | 12·0 |
| 27 | 16·7 | — | 14·3 | 38·0 | 18·0 | 20·0 | — | 30·0 | 76 | — | 47 | 19·0 | — | 14·7 | 3 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 12·5 |
| 28 | 16·8 | — | 15·4 | 38·0 | 18·0 | 23·0 | — | 25·0 | 52 | — | 76 | 10·8 | — | 17·8 | 0 | — | 3 | W | 1 | — | — | W | 1 | 0·0 | 15·0 |
| 29 | 18·2 | — | 18·5 | 38·0 | 16·0 | 20·0 | — | 27·0 | 72 | — | 37 | 12·6 | — | 9·8 | 2 | — | 0 | W | 1 | — | — | W | 2 | 0·0 | 17·0 |
| 30 | 18·7 | — | 13·4 | 37·0 | 15·0 | 20·5 | — | 30·0 | 60 | — | 41 | 10·8 | — | 13·0 | 3 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 14·2 |
| 31 | 17·0 | — | 14·7 | 37·0 | 14·5 | 21·0 | — | 26·0 | 49 | — | 55 | 9·0 | — | 13·7 | 0 | — | 0 | NW | 1 | — | — | Calm | 0 | 0·0 | 12·0 |
| Month | 17·04 | — | 15·69 | 36·5 | 18·8 | 24·8 | — | 26·6 | 72 | — | 68 | 16·7 | — | 17·2 | 1·6 | — | 2·0 | — | 1·2 | — | — | — | 0·8 | 48·8 | 9·13 |

**Remarks:—**

# ROSEIRES.

$\varphi = 11° 51' 22''$ N. $\lambda = 34° 23' 10''$ E. H = 466·9 m. $h_t = 1·6$ m. $h_r = 1·1$ m.

$C_h = +39$ mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17·8 | — | 16·5 | 37·0 | 16·0 | 24·5 | — | 27·0 | 43 | — | 56 | 9·8 | — | 14·8 | 0 | — | 0 | NW | 1 | — | — | E | 1 | 0·0 | 11.0 |
| 2 | 17·4 | — | 14·4 | 37·0 | 15·5 | 20·0 | — | 28·0 | 55 | — | 57 | 9·6 | — | 16·0 | 0 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 12·5 |
| 3 | 16·9 | — | 15·4 | 37·0 | 15·5 | 23·5 | — | 29·0 | 45 | — | 52 | 9·7 | — | 15·3 | 0 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 15·0 |
| 4 | 17·0 | — | 14·4 | 38·0 | 15·5 | 27·0 | — | 32·0 | 31 | — | 38 | 8·3 | — | 13·5 | 0 | — | 0 | NE | 1 | — | — | E | 2 | 0·0 | 14·5 |
| 5 | 16·8 | — | 14·2 | 38·0 | 16·0 | 26·5 | — | 30·0 | 34 | — | 36 | 8·6 | — | 11·2 | 0 | — | 0 | NW | 2 | — | — | E | 2 | 0·0 | 16·5 |
| 6 | 18·1 | — | 15·5 | 35·0 | 14·5 | 21·5 | — | 26·5 | 35 | — | 34 | 6·7 | — | 8·6 | 0 | — | 0 | NW | 1 | — | — | E | 1 | 0·0 | 16·0 |
| 7 | 18·0 | — | 15·4 | 35·0 | 14·0 | 22·0 | — | 27·0 | 39 | — | 37 | 7·7 | — | 9·8 | 0 | — | 0 | W | 2 | — | — | E | 1 | 0·0 | 14·5 |
| 8 | 18·1 | — | 14·4 | 36·0 | 13·5 | 28·0 | — | 31·0 | 12 | — | 32 | 3·4 | — | 10·6 | 0 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 14·5 |
| 9 | 17·1 | — | 15·4 | 36·0 | 15·0 | 21·5 | — | 28·0 | 50 | — | 70 | 9·5 | — | 19·7 | 0 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 14.5 |
| 10 | 16·8 | — | 14·3 | 37·0 | 15·0 | 26·0 | — | 31·0 | 48 | — | 48 | 12·1 | — | 15·9 | 0 | — | 3 | N | 2 | — | — | E | 1 | 0·0 | 16.0 |
| 11 | 16·8 | — | 13·3 | 37·0 | 15·0 | 26·5 | — | 30·0 | 53 | — | 59 | 13·4 | — | 18·5 | 0 | — | 2 | N | 2 | — | — | E | 1 | 0·0 | 18·5 |
| 12 | 14·8 | — | 13·3 | 37·0 | 15·0 | 24·0 | — | 30·0 | 53 | — | 47 | 11·7 | — | 14·7 | 0 | — | 0 | N | 1 | — | — | E | 2 | 0·0 | 17·5 |
| 13 | 14·9 | — | 13·4 | 37·0 | 15·0 | 22·5 | — | 29·0 | 70 | — | 71 | 14·2 | — | 21·1 | 0 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 15·0 |
| 14 | 15·9 | — | 15·3 | 37·0 | 15·0 | 25·0 | — | 32·0 | 76 | — | 86 | 17·8 | — | 30·3 | 2 | — | 3 | NW | 1 | — | — | E | 1 | 0·0 | 11·5 |
| 15 | 16·0 | — | 15·3 | 38·0 | 15·0 | 24·0 | — | 28·0 | 67 | — | 44 | 14·9 | — | 12·5 | 0 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 13·0 |
| 16 | 16·7 | — | 15·7 | 38·0 | 22·0 | 26·0 | — | 29·0 | 48 | — | 52 | 12.1 | — | 15·3 | 3 | — | 4 | W | 1 | — | — | Calm | 0 | 0·0 | 16·0 |
| 17 | 16·8 | — | 15·7 | 38·0 | 20·5 | 23·0 | — | 30·0 | 66 | — | 53 | 13.9 | — | 16·6 | 5 | — | 0 | NE | 1 | — | — | W | 1 | 0·0 | 15·0 |
| 18 | 16·0 | — | 15·9 | 38·0 | 17·0 | 25·0 | — | 26·0 | 47 | — | 62 | 11·1 | — | 15·4 | 0 | — | 0 | N | 2 | — | — | W | 1 | 0·0 | 13·0 |
| 19 | 15·5 | — | 13·2 | 38·0 | 17·0 | 22·0 | — | 29·0 | 50 | — | 52 | 9·9 | — | 15·3 | 0 | — | 0 | W | 1 | — | — | E | 1 | 0·0 | 15·0 |
| 20 | 15·6 | — | 13·2 | 37·0 | 17·0 | 26·0 | — | 30·0 | 62 | — | 71 | 15·4 | — | 22·5 | 0 | — | 0 | W | 1 | — | — | W | 1 | 0·0 | 15·0 |
| 21 | 15·7 | — | 13·8 | 38·0 | 16·5 | 24·0 | — | 28·0 | 53 | — | 63 | 11·7 | — | 17·8 | 0 | — | 0 | N | 1 | — | — | N | 1 | 0·0 | 16·0 |
| 22 | 15·0 | — | 14·9 | 38·0 | 17·0 | 23·0 | — | 30·0 | 74 | — | 41 | 15·5 | — | 13·0 | 0 | — | 0 | W | 1 | — | — | W | 1 | 0·0 | 16·0 |
| 23 | 15·8 | — | 15·3 | 38·0 | 17·0 | 23·0 | — | 27·0 | 52 | — | 49 | 10·8 | — | 13·1 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 17·0 |
| 24 | 16·9 | — | 15·3 | 38·0 | 17·0 | 20·0 | — | 27·0 | 55 | — | 49 | 9·6 | — | 13·1 | 0 | — | 0 | W | 1 | — | — | N | 2 | 0·0 | 13·5 |
| 25 | 17·2 | — | 15·3 | 38·0 | 15·0 | 20·0 | — | 27·0 | 47 | — | 49 | 8·3 | — | 13·1 | 2 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 11·5 |
| 26 | 17·1 | — | 14·4 | 37·0 | 15·0 | 22·0 | — | 27·0 | 50 | — | 63 | 9·9 | — | 16·6 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 9·5 |
| 27 | 16·0 | — | 13·3 | 37·0 | 15·0 | 24·0 | — | 30·0 | 53 | — | 41 | 11·7 | — | 13·0 | 3 | — | 0 | NW | 1 | — | — | W | 2 | 0·0 | 12·5 |
| 28 | 15·7 | — | 13·4 | 37·0 | 15·0 | 23·0 | — | 29·0 | 52 | — | 46 | 10·8 | — | 13·6 | 2 | — | 0 | W | 1 | — | — | W | 2 | 0·0 | 13·0 |
| 29 | 14·9 | — | 12·7 | 38·0 | 14·0 | 25·0 | — | 30·0 | 54 | — | 71 | 12·7 | — | 22·5 | 3 | — | 0 | NW | 1 | — | — | W | 2 | 0·0 | 13·0 |
| 30 | 15·1 | — | 13·7 | 38·0 | 19·0 | 28·0 | — | 27·0 | 70 | — | 63 | 19·7 | — | 16·6 | 2 | — | 3 | N | 1 | — | — | W | 1 | 0·0 | 12·0 |
| Month | 16·41 | — | 14·54 | 37·3 | 16·0 | 23·9 | — | 28·8 | 51 | — | 53 | 11·4 | — | 15·7 | 0·7 | — | 0·5 | — | 1·2 | — | — | — | 1·2 | 0·0 | 14·28 |

**Remarks:—**

$C_h = +39$ mm.

## December 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14·7 | — | 13·1 | 39·0 | 19·0 | 26·0 | — | 27·0 | 55 | — | 63 | 13·7 | — | 16·6 | 3 | — | 0 | N | 1 | — | — | Calm | 0 | 0·0 | 12·5 |
| 2 | 14·9 | — | 13·2 | 39·0 | 17·0 | 21·0 | — | 28·0 | 65 | — | 63 | 12·0 | — | 17·8 | 2 | — | 0 | N | 1 | — | — | E | 1 | 0·0 | 13·5 |
| 3 | 13·9 | — | 13·2 | 39·0 | 15·0 | 21·0 | — | 25·0 | 57 | — | 61 | 10·5 | — | 14·3 | 3 | — | 0 | N | 1 | — | — | W | 1 | 0·0 | 10·5 |
| 4 | 15·0 | — | 15·7 | 40·0 | 15·0 | 22·0 | — | 29·0 | 58 | — | 52 | 11·4 | — | 15·3 | 0 | — | 0 | W | 1 | — | — | NW | 1 | 0·0 | 14·5 |
| 5 | 15·9 | — | 16·0 | 37·0 | 15·0 | 24·0 | — | 28·0 | 53 | — | 51 | 11·7 | — | 14·2 | 2 | — | 0 | NW | 1 | — | — | W | 1 | 0·0 | 12·0 |
| 6 | 16·1 | — | 14·3 | 37·0 | 15·0 | 22·0 | — | 26·0 | 66 | — | 62 | 12·9 | — | 15·4 | 3 | — | 0 | N | 1 | — | — | W | 1 | 0·0 | 14·0 |
| 7 | 16·0 | — | 14·3 | 37·0 | 15·0 | 24·0 | — | 27·0 | 60 | — | 49 | 13·3 | — | 13·1 | 2 | — | 0 | NW | 3 | — | — | W | 2 | 0·0 | 14·5 |
| 8 | 17·2 | — | 14·5 | 37·0 | 15·0 | 21·0 | — | 25·0 | 49 | — | 54 | 9·0 | — | 12·7 | 0 | — | 0 | NW | 2 | — | — | W | 1 | 0·0 | 10·5 |
| 9 | 16·2 | — | 14·5 | 36·0 | 12·0 | 17·0 | — | 25·0 | 70 | — | 54 | 10·1 | — | 12·7 | 0 | — | 0 | Calm | 0 | — | — | W | 1 | 0·0 | 12·0 |
| 10 | 15·1 | — | 14·1 | 37·0 | 12·0 | 20·0 | — | 29·0 | 55 | — | 40 | 9·6 | — | 11·9 | 3 | — | 0 | W | 1 | — | — | W | 1 | 0·0 | 15·0 |
| 11 | 17·7 | — | 14·5 | 37·0 | 14·0 | 21·0 | — | 27·0 | 57 | — | 49 | 10·5 | — | 13·1 | 0 | — | 3 | Calm | 0 | — | — | W | 1 | 0·0 | 14·0 |
| 12 | 16·9 | — | 15·5 | 37·0 | 14·0 | 19·0 | — | 27·0 | 46 | — | 49 | 7·5 | — | 13·1 | 2 | — | 0 | W | 1 | — | — | W | 1 | 0·0 | 12·0 |
| 13 | 17·0 | — | 15·8 | 36·0 | 14·0 | 21·0 | — | 28·0 | 49 | — | 51 | 9·0 | — | 14·2 | 0 | — | 0 | W | 1 | — | — | W | 1 | 0·0 | 13·5 |
| 14 | 17·2 | — | 16·0 | 36·0 | 14·0 | 20·0 | — | 27·0 | 55 | — | 49 | 9·6 | — | 13·1 | 0 | — | 0 | N | 3 | — | — | W | 2 | 0·0 | 13·5 |
| 15 | 17·1 | — | 15·5 | 36·0 | 14·0 | 21·0 | — | 26·0 | 41 | — | 55 | 7·6 | — | 13·7 | 3 | — | 0 | N | 3 | — | — | W | 2 | 0·0 | 14·5 |
| 16 | 18·2 | — | 17·7 | 36·0 | 14·0 | 20·0 | — | 24·0 | 47 | — | 46 | 8·3 | — | 10·1 | 0 | — | 0 | NW | 3 | — | — | W | 3 | 0·0 | 14·0 |
| 17 | 19·5 | — | 18·9 | 30·0 | 11·0 | 16·0 | — | 22·0 | 50 | — | 43 | 6·8 | — | 8·4 | 0 | — | 0 | NW | 2 | — | — | Calm | 0 | 0·0 | 15·0 |
| 18 | 20·6 | — | 20·0 | 30·0 | 10·0 | 17·0 | — | 25·0 | 43 | — | 22 | 6·2 | — | 5·2 | 0 | — | 0 | N | 4 | — | — | S | 2 | 0·0 | 16·1 |
| 19 | 21·4 | — | 19·7 | 33·0 | 14·0 | 19·0 | — | 26·0 | 30 | — | 24 | 4·9 | — | 6·0 | 0 | — | 0 | NW | 1 | — | — | SE | 1 | 0·0 | 15·8 |
| 20 | 22·2 | — | 20·7 | 33·0 | 15·0 | 19·2 | — | 26·5 | 28 | — | 22 | 4·7 | — | 5·7 | 0 | — | 0 | NW | 1 | — | — | SW | 2 | 0·0 | 13·8 |
| 21 | 22·9 | — | 21·2 | 32·0 | 14·0 | 18·5 | — | 26·0 | 31 | — | 24 | 4·9 | — | 6·0 | 0 | — | 0 | NW | 2 | — | — | S | 1 | 0·0 | 14·8 |
| 22 | 22·9 | — | 21·1 | 32·5 | 13·1 | 18·5 | — | 25·7 | 29 | — | 26 | 4·6 | — | 6·2 | 0 | — | 0 | N | 1 | — | — | S | 2 | 0·0 | 21·0 |
| 23 | 23·9 | — | 22·1 | 30·0 | 13·7 | 18·0 | — | 24·0 | 16 | — | 33 | 2·6 | — | 7·2 | 0 | — | 0 | NW | 2 | — | — | Calm | 0 | 0·0 | 17·3 |
| 24 | 24·4 | — | 23·4 | 31·0 | 14·0 | 18·6 | — | 24·0 | 25 | — | 33 | 4·0 | — | 7·2 | 0 | — | 0 | NW | 1 | — | — | N | 1 | 0·0 | 15·1 |
| 25 | 22·3 | — | 21·0 | 34·0 | 13·0 | 19·0 | — | 26·3 | 30 | — | 23 | 4·9 | — | 5·8 | 3 | — | 0 | N | 1 | — | — | SW | 1 | 0·0 | 13·4 |
| 26 | 22·6 | — | 20·2 | 35·0 | 12·5 | 19·0 | — | 27·0 | 30 | — | 15 | 4·9 | — | 4·0 | 0 | — | 0 | NW | 1 | — | — | N | 2 | 0·0 | 15·9 |
| 27 | 21·8 | — | 18·5 | 35·0 | 14·0 | 19·8 | — | 28·0 | 32 | — | 22 | 5·5 | — | 6·2 | 0 | — | 0 | NW | 2 | — | — | S | 1 | 0·0 | 14·2 |
| 28 | 20·3 | — | 19·2 | 35·0 | 15·5 | 22·5 | — | 27·0 | 37 | — | 29 | 7·4 | — | 7·6 | 0 | — | 3 | NW | 1 | — | — | N | 1 | 0·0 | 14·2 |
| 29 | 20·0 | — | 18·5 | 31·0 | 14·5 | 21·5 | — | 27·0 | 42 | — | 26 | 8·0 | — | 6·8 | 0 | — | 0 | Calm | 0 | — | — | W | 1 | 0·0 | 11·2 |
| 30 | 20·4 | — | 23·1 | 37·0 | 15·0 | 22·0 | — | 28·0 | 39 | — | 24 | 7·7 | — | 7·0 | 2 | — | 2 | Calm | 0 | — | — | Calm | 0 | 0·0 | 11·2 |
| 31 | 20·8 | — | 18·5 | 38·0 | 18·0 | 22·5 | — | 28·5 | 37 | — | 24 | 7·4 | — | 6·6 | 3 | — | 0 | Calm | 0 | — | — | Calm | 0 | 0·0 | 13·2 |
| Month | 18·87 | — | 17·55 | 35·2 | 14·2 | 20·4 | — | 26·4 | 45 | — | 40 | 8·1 | — | 10·2 | 1·0 | — | 0·3 | — | 1·4 | — | — | — | 1·1 | 0·0 | 13·96 |

**Remarks:—**

# KODOK.

$\varphi = 9° 53'$ N. $\lambda = 32° 8'$ E. H = 387·5 m. $h_t = 1·7$ m. $h_r = 1·4$ m.

$C_h = +32$ mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28·4 | 24·7 | 25·6 | 31·8 | 17·1 | 20.5 | 30·8 | 21·2 | 52 | 14 | 33 | 9·3 | 4·8 | 6·2 | 1 | 1 | 0 | NE | 42 | NNW | 35 | NE | 1 | 0·0 | 25·0 |
| 2 | 27·6 | 24·8 | 25·5 | 32·0 | 14·0 | 22·5 | 31·0 | 21·8 | 30 | 27 | 44 | 6·1 | 9·0 | 8·6 | 1 | 3 | 0 | NE | 25 | NNE | 22 | N | 1 | 0·0 | 25·7 |
| 3 | 26·5 | 24·3 | 25·1 | 32·7 | 17·0 | 21·0 | 31·0 | 23·5 | 45 | 13 | 29 | 8·3 | 4·4 | 6·1 | 3 | 0 | 0 | NNE | 42 | NE | 25 | NW | 1 | 0·0 | 26·8 |
| 4 | 26·8 | 23·3 | 25·0 | 33·8 | 18·0 | 24·0 | 32·4 | 25·0 | 24 | 27 | 72 | 5·4 | 9·8 | 16·9 | 8 | 8 | 0 | NNE | 35 | ENE | 12 | NNE | 1 | 0·0 | 18·1 |
| 5 | 26·7 | 23·3 | 24·3 | 36·0 | 16·5 | 23·7 | 35·0 | 25·0 | 28 | 13 | 25 | 6·0 | 5·3 | 5·0 | 0 | 0 | 0 | NE | 32 | NE | 25 | N | 1 | 0·0 | 25·9 |
| 6 | 25·2 | 23·0 | 24·3 | 36·0 | 17·0 | 25·0 | 34·8 | 25·0 | 23 | 12 | 23 | 5·5 | 4·8 | 5·5 | 0 | 0 | 0 | ENE | 18 | NE | 22 | N | 1 | 0·0 | 20·7 |
| 7 | 26·0 | 23·6 | 24·2 | 36·4 | 17·2 | 23·2 | 35·8 | 26·2 | 27 | 10 | 40 | 5·6 | 4·5 | 9·9 | 0 | 0 | 0 | ENE | 14 | NE | 27 | ENE | 1 | 0·0 | 20·6 |
| 8 | 26·5 | 23·9 | 25·1 | 35·6 | 17·0 | 23·5 | 34·0 | 23·0 | 23 | 9 | 28 | 4·8 | 3·7 | 5·8 | 5 | 0 | 0 | NE | 25 | NNE | 22 | NE | 1 | 0·0 | 25·4 |
| 9 | 27·6 | 24·6 | 25·7 | 33·5 | 18·2 | 22·5 | 33·0 | 25·0 | 14 | 8 | 11 | 2·8 | 2·8 | 2·6 | 0 | 0 | 0 | NNE | 35 | NE | 32 | N | 1 | 0·0 | 27·0 |
| 10 | 27·1 | 23·3 | 25·3 | 34·5 | 16·5 | 21·5 | 34·0 | 24·5 | 21 | 12 | 24 | 4·1 | 4·8 | 5·5 | 0 | 0 | 0 | NNW | 25 | N | 39 | N | 2 | 0·0 | 26·0 |
| 11 | 26·7 | 23·3 | 24·9 | 35·0 | 19·0 | 24·5 | 34·5 | 26·0 | 24 | 11 | 30 | 5·5 | 4·5 | 7·4 | 0 | 0 | 0 | NNE | 30 | NE | 18 | N | 1 | 0·0 | 22·4 |
| 12 | 25·6 | 23·7 | 25·4 | 36·0 | 17·0 | 24·5 | 35·5 | 26·5 | 27 | 13 | 31 | 6·2 | 5·4 | 7·9 | 0 | 0 | 0 | NNE | 39 | NE | 32 | N | 1 | 0·0 | 22·0 |
| 13 | 25·6 | 23·7 | 25·3 | 36·0 | 17·5 | 24·5 | 36·0 | 25·5 | 27 | 10 | 29 | 6·2 | 4·4 | 7·0 | 0 | 0 | 0 | NNE | 18 | NE | 6 | N | 1 | 0·0 | 20·0 |
| 14 | 26·5 | 23·1 | 25·5 | 36·5 | 17·0 | 26·5 | 36·0 | 25·0 | 46 | 15 | 22 | 11·7 | 6·7 | 5·2 | 0 | 0 | 0 | NNE | 32 | NE | 18 | N | 1 | 0·0 | 23·4 |
| 15 | 26·2 | 23·7 | 24·9 | 37·0 | 17·0 | 24·5 | 37·0 | 24·5 | 27 | 8 | 43 | 6·2 | 3·7 | 9·8 | 0 | 0 | 0 | NNE | 18 | N | 32 | N | 1 | 0·0 | 20·0 |
| 16 | 26·3 | 23·9 | 26·6 | 37·0 | 19·0 | 25·0 | 36·5 | 27·0 | 28 | 14 | 29 | 6·6 | 6·4 | 7·6 | 0 | 0 | 0 | NE | 27 | N | 44 | N | 1 | 0·0 | 25·4 |
| 17 | 28·0 | 25·4 | 27·2 | 32·5 | 19·0 | 23·5 | 32·5 | 24·5 | 26 | 12 | 27 | 5·5 | 4·2 | 6·2 | 7 | 0 | 0 | NNE | 35 | N | 49 | NE | 3 | 0·0 | 26·4 |
| 18 | 29·3 | 27·1 | 27·2 | 30·0 | 18·0 | 20·5 | 29·5 | 23·5 | 37 | 32 | 42 | 6·6 | 9·9 | 9·0 | 0 | 0 | 0 | N | 39 | N | 42 | N | 4 | 0·0 | 30·0 |
| 19 | 28·9 | 24·8 | 26·5 | 30·0 | 17·0 | 19·5 | 29·5 | 22·5 | 47 | 19 | 30 | 7·9 | 6·0 | 6·1 | 0 | 0 | 0 | N | 56 | N | 35 | N | 2 | 0·0 | 30·0 |
| 20 | 26·3 | 24·3 | 25·4 | 33·0 | 18·0 | 21·5 | 31·5 | 24·0 | 25 | 21 | 33 | 4·7 | 7·1 | 7·2 | 0 | 0 | 0 | NNE | 44 | N | 39 | N | 1 | 0·0 | 28·0 |
| 21 | 26·7 | 23·3 | 24·4 | 33·5 | 19·0 | 22·0 | 33·5 | 23·5 | 36 | 30 | 23 | 7·0 | 11·7 | 4·8 | 0 | 0 | 0 | NNE | 52 | N | 14 | N | 1 | 0·0 | 22·4 |
| 22 | 26·7 | 23·2 | 24·2 | 36·0 | 18·0 | 26·5 | 35·0 | 26·5 | 49 | 40 | 20 | 12·6 | 16·4 | 5·0 | 0 | 0 | 0 | NNE | 64 | N | 14 | N | 1 | 0·0 | 21·4 |
| 23 | 26·2 | 23·7 | 23·2 | 36·5 | 18·0 | 26·0 | 36·5 | 26·5 | 48 | 34 | 46 | 12·1 | 15·4 | 11·7 | 0 | 0 | 0 | NNE | 42 | NE | 54 | N | 1 | 0·0 | 27·0 |
| 24 | 26·3 | 22·7 | 24·1 | 36·5 | 12·5 | 25·0 | 36·0 | 26·5 | 25 | 23 | 40 | 5·9 | 10·1 | 10·1 | 0 | 0 | 0 | NNE | 47 | NE | 39 | N | 1 | 0·0 | 28·4 |
| 25 | 27·2 | 23·6 | 25·2 | 35·0 | 20·0 | 24·5 | 35·0 | 26·5 | 36 | 12 | 46 | 8·3 | 5·0 | 11·7 | 0 | 0 | 0 | NNE | 66 | NNE | 47 | N | 2 | 0·0 | 30·4 |
| 26 | 26·5 | 23·5 | 23·9 | 36·0 | 19·6 | 24·6 | 35·0 | 29·2 | 32 | 18 | 51 | 7·4 | 7·7 | 15·2 | 0 | 0 | 0 | NE | 35 | NE | 39 | NE | 2 | 0·0 | — |
| 27 | 25·7 | 23·3 | 24·6 | 36·0 | 22·0 | 26·5 | 35·0 | 26·0 | 43 | 17 | 39 | 10·9 | 7·4 | 9·7 | 0 | 0 | 0 | NNE | 44 | NE | 42 | NE | 1 | 0·0 | — |
| 28 | 26·8 | 23·9 | 25·0 | 35·0 | 19·6 | 24·5 | 33·5 | 25·0 | 31 | 22 | 44 | 7·2 | 8·6 | 10·3 | 5 | 1 | 0 | NE | 39 | NE | 35 | N | 1 | 0·0 | — |
| 29 | 27·0 | 23·9 | 24·5 | 34·7 | 22·5 | 23·8 | 33·5 | 25·2 | 24 | 13 | 27 | 5·3 | 5·1 | 6·5 | 4 | 0 | 0 | NNE | 59 | NE | 18 | N | 1 | 0·0 | — |
| 30 | 25·2 | 23·6 | 24·0 | 35·2 | 21·0 | 24·5 | 33·2 | 26·2 | 47 | 18 | 25 | 10·6 | 6·8 | 6·2 | 0 | 7 | 0 | NE | 37 | NE | 14 | N | 1 | 0·0 | — |
| 31 | 26·5 | 23·3 | 24·0 | 34·8 | 22·7 | 24·0 | 34·0 | 26·0 | 25 | 13 | 21 | 5·6 | 5·6 | 5·3 | 9 | 5 | 0 | NNE | 32 | NE | 14 | N | 1 | 0·0 | — |
| Month | 26·73 | 23·86 | 25·04 | 34·7 | 18·1 | 23·7 | 33·9 | 25·0 | 32 | 17 | 33 | 7·0 | 6·8 | 7·8 | 1·4 | 0·8 | 0·0 | — | 37·0 | — | 29·2 | — | 1·3 | 0·0 | 24·74 |

**Remarks:—**

$C_h = +32$ mm.

## February 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26·5 | 23·0 | 24·1 | 36·0 | 21·0 | 25·7 | 35·0 | 26·0 | 14 | 13 | 18 | 3·4 | 5·3 | 4·3 | 6 | 2 | 0 | NE | 27 | NE | 14 | N | 1 | 0·0 | — |
| 2 | 26·5 | 23·9 | 24·5 | 36·0 | 20·5 | 25·0 | 35·0 | 26·8 | 10 | 10 | 16 | 3·9 | 4·2 | 4·1 | 1 | 4 | 0 | NNE | 25 | NE | 14 | N | 1 | 0·0 | — |
| 3 | 26·8 | 23·6 | 24·3 | 35·4 | 19·2 | 23·8 | 33·5 | 25·0 | 14 | 9 | 17 | 3·0 | 3·6 | 4·1 | 0 | 3 | 0 | NE | 37 | NE | 14 | N | 1 | 0·0 | — |
| 4 | 25·6 | 23·1 | 23·5 | 35·5 | 20·5 | 23·8 | 33·5 | 26·7 | 18 | 13 | 25 | 4·0 | 5·1 | 6·3 | 4 | 4 | 0 | NE | 25 | NE | 12 | N | 1 | 0·0 | — |
| 5 | 25·7 | 24·3 | 24·3 | 35·4 | 20·5 | 24·0 | 33·5 | 27·0 | 12 | 9 | 22 | 2·7 | 3·6 | 5·7 | 6 | 7 | 4 | NE | 27 | NE | 18 | NNW | 1 | 0·0 | — |
| 6 | 27·2 | 24·2 | 25·6 | 34·0 | 21·7 | 23·2 | 33·0 | 25·5 | 16 | 3 | 12 | 3·3 | 1·3 | 2·8 | 5 | 3 | 0 | NE | 27 | NE | 14 | NNW | 1 | 0·0 | — |
| 7 | 28·1 | 25·4 | 26·1 | 33·5 | 20·5 | 22·8 | 32·5 | 25·0 | 25 | 14 | 23 | 5·2 | 4·9 | 5·5 | 6 | 2 | 0 | NE | 42 | NE | 12 | NNW | 1 | 0·0 | — |
| 8 | 28·7 | 25·3 | 25·4 | 33·5 | 19·4 | 22·2 | 32·5 | 26·5 | 22 | 6 | 14 | 4·4 | 2·0 | 3·6 | 0 | 0 | 0 | NE | 32 | NE | 9 | N | 1 | 0·0 | — |
| 9 | 26·9 | 23·5 | 23·8 | 35·5 | 19·6 | 22·8 | 34·0 | 25·5 | 9 | 5 | 18 | 2·0 | 2·1 | 4·2 | 1 | 0 | 0 | NE | 32 | NE | 12 | NNW | 1 | 0·0 | — |
| 10 | 25·5 | 22·1 | 26·6 | 36·8 | 19·1 | 24·0 | 35·5 | 26·5 | 8 | 8 | 17 | 1·8 | 3·4 | 4·3 | 0 | 0 | 0 | NNE | 32 | ENE | 6 | NNW | 1 | 0·0 | — |
| 11 | 25·5 | 22·4 | 23·1 | 37·8 | 20·5 | 23·8 | 35·5 | 27·0 | 18 | 5 | 11 | 4·0 | 2·4 | 2·9 | 5 | 3 | 4 | ENE | 18 | ENE | 9 | N | 1 | 0·0 | — |
| 12 | 24·8 | 22·1 | 21·5 | 34·5 | 21·6 | 23·4 | 32·4 | 26·2 | 10 | 4 | 15 | 2·3 | 1·4 | 3·8 | 9 | 8 | 5 | NNE | 30 | NE | 14 | N | 1 | 0·0 | — |
| 13 | 23·4 | 20·1 | 20·5 | 38·5 | 17·2 | 24·2 | 37·5 | 28·5 | 9 | 9 | 24 | 2·0 | 4·2 | 6·6 | 4 | 0 | 0 | NE | 18 | ESE | 3 | SSE | 1 | 0·0 | 17·5 |
| 14 | 23·7 | 21·5 | 21·9 | 34·5 | 24·0 | 26·5 | 33·5 | 27·5 | 47 | 27 | 47 | 12·1 | 10·5 | 12·8 | 9 | 5 | 0 | SW | 18 | WSW | 18 | Calm | 0 | 0·0 | 11·0 |
| 15 | 24·0 | 21·5 | 22·3 | 37·0 | 22·0 | 28·0 | 35·5 | 28·0 | 42 | 22 | 39 | 11·6 | 9·6 | 10·8 | 8 | 7 | 0 | Calm | 0 | NNE | 3 | W | 1 | 0·0 | 21·3 |
| 16 | 24·8 | 22·5 | 23·2 | 36·5 | 24·5 | 27·5 | 35·0 | 28·2 | 28 | 19 | 29 | 7·7 | 8·2 | 8·3 | 4 | 2 | 0 | NNE | 39 | NE | 22 | N | 1 | 0·0 | 22·0 |
| 17 | 24·8 | 22·1 | 23·2 | 38·3 | 24·5 | 26·8 | 37·0 | 33·0 | 32 | 16 | 23 | 8·4 | 7·8 | 8·6 | 0 | 0 | 2 | NNE | 27 | NNE | 25 | NNE | 4 | 0·0 | 34·3 |
| 18 | 25·8 | 22·6 | 23·3 | 37·0 | 23·5 | 26·5 | 36·5 | 28·5 | 20 | 9 | 26 | 5·0 | 4·0 | 7·4 | 1 | 0 | 0 | NNE | 37 | NE | 27 | N | 1 | 0·0 | 38·5 |
| 19 | 25·8 | 22·9 | 23·9 | 35·5 | 22·3 | 24·0 | 34·2 | 28·5 | 19 | 12 | 16 | 4·2 | 5·0 | 4·5 | 0 | 5 | 3 | NNE | 35 | NNE | 30 | N | 2 | 0·0 | 39·5 |
| 20 | 26·4 | 24·4 | 25·4 | 33·6 | 19·5 | 21·5 | 32·0 | 24·2 | 3 | 1 | 5 | 0·6 | 0·2 | 1·1 | 0 | 0 | 1 | NNE | 39 | ENE | 30 | NNW | 2 | 0·0 | 31·9 |
| 21 | 26·9 | 24·3 | 24·4 | 34·7 | 17·3 | 22·0 | 33·0 | 25·2 | 6 | 6 | 13 | 1·2 | 2·4 | 3·1 | 0 | 1 | 0 | NE | 37 | ENE | 14 | N | 1 | 0·0 | 27·3 |
| 22 | 26·7 | 23·7 | 24·3 | 36·2 | 18·0 | 24·5 | 35·6 | 27·2 | 9 | 11 | 19 | 2·2 | 4·6 | 5·0 | 3 | 4 | 6 | NE | 32 | ESE | 3 | N | 1 | 0·0 | 18·9 |
| 23 | 26·7 | 23·5 | 23·1 | 38·0 | 17·8 | 28·5 | 37·0 | 30·5 | 18 | 13 | 11 | 5·2 | 6·0 | 3·7 | 5 | 4 | 0 | E | 3 | SSW | 3 | Calm | 0 | 0·0 | 14·6 |
| 24 | 25·4 | 22·2 | 22·2 | 39·7 | 19·5 | 28·3 | 38·5 | 29·5 | 14 | 5 | 14 | 4·0 | 2·5 | 4·6 | 1 | 0 | 0 | NE | 6 | NW | 3 | Calm | 0 | 0·0 | 25·6 |
| 25 | 24·3 | 21·2 | 21·7 | 40·2 | 21·5 | 27·6 | 40·0 | 30·0 | 11 | 4 | 13 | 2·9 | 1·9 | 4·3 | 0 | 0 | 0 | NE | 18 | NE | 32 | N | 1 | 0·0 | 36·5 |
| 26 | 24·8 | 22·5 | 23·0 | 40·0 | 23·1 | 28·0 | 39·6 | 28·2 | 7 | 5 | 14 | 2·0 | 2·6 | 4·0 | 0 | 3 | 0 | NE | 32 | NE | 35 | N | 1 | 0·0 | 37·2 |
| 27 | 25·8 | 22·2 | 23·0 | 38·0 | 23·0 | 26·0 | 36·5 | 28·8 | 16 | 7 | 15 | 3·9 | 3·3 | 4·3 | 3 | 0 | 0 | NNE | 37 | NE | 30 | N | 1 | 0·0 | 34·4 |
| 28 | 25·1 | 21·8 | 23·0 | 37·5 | 19·2 | 25·6 | 35·2 | 26·5 | 13 | 3 | 14 | 3·2 | 1·4 | 3·6 | 1 | 4 | 0 | NNE | 42 | NNW | 35 | NNW | 1 | 0·0 | 32·6 |
| Month | 25·79 | 22·92 | 23·61 | 36·4 | 20·8 | 25·0 | 35·1 | 27·4 | 17 | 10 | 19 | 4·2 | 4·1 | 5·2 | 2·9 | 2·5 | 0·9 | — | 27·6 | — | 16·1 | — | 1·1 | 0·0 | — |

**Remarks:—**

# KODOK.

$\varphi = 9° 53'$ N. $\lambda = 32° 8'$ E. H = 387·5 m. $h_t = 1·7$ m. $h_r = 1·4$ m.

$C_h = +32$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24·9 | 22·0 | 22·0 | 38·5 | 19·1 | 25·1 | 37·5 | 27·5 | 16 | 4 | 20 | 3·8 | 1·9 | 5·4 | 0 | 0 | 0 | NNE | 32 | NE | 22 | N | 1 | 0·0 | 32·1 |
| 2 | 23·6 | 20·8 | 22·1 | 39·0 | 21·5 | 26·0 | 37·5 | 29·0 | 16 | 0 | 9 | 3·9 | 0·1 | 2·7 | 3 | 5 | 0 | NE | 22 | NE | 25 | W | 1 | 0·0 | 30·9 |
| 3 | 23·4 | 20·6 | 21·7 | 41·0 | 21·5 | 27·4 | 40·5 | 35·5 | 9 | 6 | 9 | 2·4 | 3·4 | 3·9 | 8 | 5 | 0 | NE | 22 | SSW | 3 | S | 1 | 0·0 | 24·9 |
| 4 | 24·0 | 20·0 | 20·4 | 40·0 | 23·5 | 30·5 | 39·5 | 33·0 | 34 | 14 | 10 | 10·9 | 8·0 | 3·9 | 3 | 2 | 0 | NE | 22 | S | 9 | NE | 2 | 0·0 | 19·5 |
| 5 | 25·6 | 24·1 | 24·0 | 34·0 | 24·0 | 28·5 | 33·5 | 27·5 | 8 | 9 | 11 | 2·4 | 3·6 | 3·0 | 0 | 5 | 0 | NE | 42 | NE | 12 | NE | 1 | 0·0 | 26·5 |
| 6 | 26·3 | 23·7 | 25·4 | 33·0 | 19·0 | 22·5 | 32·5 | 26·0 | 23 | 0 | 13 | 4·7 | 0·1 | 3·3 | 0 | 0 | 0 | NE | 35 | NE | 18 | NE | 3 | 0·0 | 31·5 |
| 7 | 28·9 | 24·3 | 25·4 | 31·5 | 18·5 | 20·5 | 31·5 | 24·5 | 12 | 6 | 15 | 2·2 | 1·9 | 3·5 | 0 | 0 | 0 | NE | 61 | NE | 18 | NE | 3 | 0·0 | 29·0 |
| 8 | 29·5 | 25·3 | 26·2 | 31·5 | 16·0 | 21·0 | 31·5 | 28·0 | 17 | 4 | 5 | 3·1 | 1·2 | 1·3 | 0 | 0 | 0 | NE | 47 | NE | 25 | N | 1 | 0·0 | 29·5 |
| 9 | 27·3 | 27·9 | 24·9 | 36·5 | 16·0 | 22·0 | 36·0 | 24·2 | 19 | 1 | 8 | 3·8 | 0·6 | 1·7 | 4 | 0 | 0 | NE | 39 | NE | 30 | N | 1 | 0·0 | 33·2 |
| 10 | 27·7 | 23·8 | 24·8 | 33·0 | 18·8 | 21·5 | 32·0 | 26·0 | 10 | 6 | 13 | 1·9 | 2·3 | 3·3 | 0 | 0 | 0 | NE | 35 | NE | 32 | NE | 2 | 0·0 | 36·8 |
| 11 | 26·8 | 23·6 | 23·7 | 34·5 | 18·0 | 21·5 | 32·8 | 28·2 | 9 | 3 | 9 | 1·5 | 1·1 | 2·5 | 0 | 0 | 8 | NE | 30 | NNE | 18 | N | 1 | 0·0 | 31·6 |
| 12 | 25·8 | 23·4 | 24·5 | 37·0 | 21·1 | 25·0 | 36·5 | 29·8 | 3 | 4 | 8 | 0·6 | 1·9 | 2·5 | 3 | 3 | 4 | NE | 35 | E | 12 | N | 1 | 0·0 | 26·7 |
| 13 | 27·0 | 23·4 | 24·5 | 36·5 | 18·8 | 25·7 | 35·0 | 28·5 | 3 | 3 | 8 | 0·8 | 1·3 | 2·4 | 1 | 0 | 0 | NE | 35 | NE | 14 | NNW | 3 | 0·0 | 41·0 |
| 14 | 27·0 | 23·4 | 23·6 | 35·2 | 21·0 | 23·6 | 33·0 | 27·5 | 5 | 2 | 10 | 1·1 | 0·7 | 2·7 | 0 | 0 | 0 | NE | 49 | NE | 30 | N | 1 | 0·0 | 39·2 |
| 15 | 26·2 | 22·6 | 23·4 | 35·7 | 18·5 | 23·3 | 34·5 | 25·0 | 6 | 10 | 19 | 1·3 | 4·2 | 4·5 | 0 | 0 | 0 | NE | 35 | NE | 12 | N | 1 | 0·0 | 33·3 |
| 16 | 25·0 | 22·3 | 22·2 | 37·5 | 21·0 | 26·5 | 36·4 | 28·0 | 17 | 10 | 24 | 4·3 | 4·4 | 7·0 | 0 | 0 | 0 | NE | 32 | NNW | 18 | N | 1 | 0·0 | 32·2 |
| 17 | 24·6 | 25·9 | 22·1 | 38·2 | 23·0 | 27·5 | 37·5 | 30·0 | 27 | 27 | 11 | 7·3 | 12·9 | 3·6 | 0 | 0 | 4 | NE | 44 | NE | 14 | N | 1 | 0·0 | 32·4 |
| 18 | 23·8 | 21·6 | 21·9 | 40·0 | 23·0 | 28·0 | 39·5 | 30·5 | 8 | 9 | 16 | 2·2 | 4·6 | 5·3 | 0 | 0 | 0 | ENE | 35 | E | 12 | N | 1 | 0·0 | 34·2 |
| 19 | 24·4 | 21·2 | 21·9 | 39·5 | 24·2 | 27·5 | 38·5 | 32·0 | 0 | 2 | 6 | 0·1 | 1·3 | 2·0 | 0 | 0 | 7 | NE | 35 | NE | 30 | NNW | 1 | 0·0 | 46·4 |
| 20 | 24·6 | 21·8 | 22·2 | 38·6 | 24·0 | 27·5 | 37·5 | 30·7 | 0 | 1 | 6 | 0·1 | 0·7 | 2·1 | 0 | 0 | 0 | NE | 42 | ENE | 22 | N | 1 | 0·0 | 38·4 |
| 21 | 25·5 | 22·3 | 23·3 | 38·2 | 21·4 | 27·0 | 37·5 | 29·5 | 4 | 7 | 8 | 1·0 | 3·4 | 2·4 | 3 | 0 | 0 | NE | 37 | ENE | 22 | NW | 1 | 0·0 | 37·1 |
| 22 | 25·8 | 22·7 | 23·2 | 37·0 | 22·8 | 26·8 | 35·2 | 27·0 | 5 | 4 | 13 | 1·4 | 1·5 | 3·3 | 1 | 0 | 0 | NE | 37 | NNE | 25 | ENE | 1 | 0·0 | 32·0 |
| 23 | 24·5 | 21·4 | 21·7 | 37·5 | 17·8 | 25·0 | 35·5 | 27·2 | 3 | 4 | 13 | 0·6 | 1·6 | 3·6 | 0 | 2 | 0 | NE | 27 | NE | 12 | Calm | 0 | 0·0 | 24·5 |
| 24 | 24·4 | 21·8 | 22·5 | 39·0 | 17·6 | 26·0 | 38·0 | 30·5 | 5 | 5 | 12 | 1·4 | 2·4 | 3·9 | 0 | 0 | 0 | NE | 14 | ENE | 3 | Calm | 0 | 0·0 | 18·5 |
| 25 | 25·6 | 22·6 | 24·1 | 40·0 | 23·5 | 29·0 | 38·5 | 32·0 | 12 | 4 | 30 | 3·4 | 2·2 | 10·9 | 7 | 6 | 8 | Calm | 0 | ENE | 3 | SW | 3 | 0·0 | 17·4 |
| 26 | 27·2 | 24·4 | 23·9 | 38·5 | 23·8 | 29·5 | 37·0 | 32·5 | 46 | 19 | 22 | 14·0 | 8·8 | 8·1 | 6 | 6 | 0 | SSE | 14 | ENE | 3 | NW | 2 | 0·0 | 19·3 |
| 27 | 26·1 | 23·3 | 22·9 | 39·0 | 25·3 | 30·8 | 38·5 | 30·5 | 6 | 10 | 16 | 1·9 | 5·2 | 5·4 | 7 | 2 | 0 | NNW | 27 | E | 6 | S | 1 | 0·0 | 22·3 |
| 28 | 26·0 | 23·1 | 22·9 | 39·0 | 22·5 | 28·5 | 37·3 | 29·5 | 7 | 3 | 10 | 2·0 | 1·3 | 3·0 | 4 | 4 | 0 | ENE | 12 | NE | 9 | N | 1 | 0·0 | 27·8 |
| 29 | 25·5 | 21·9 | 22·8 | 40·0 | 22·5 | 27·4 | 38·5 | 30·5 | 4 | 2 | 12 | 1·0 | 1·3 | 3·9 | 3 | 2 | 0 | NE | 22 | ENE | 6 | Calm | 0 | 0·0 | 24·0 |
| 30 | 26·6 | 23·6 | 24·2 | 38·5 | 21·8 | 28·5 | 37·2 | 30·8 | 39 | 15 | 24 | 11·2 | 7·2 | 7·8 | 4 | 5 | 3 | WSW | 14 | ESE | 3 | Calm | 0 | 0·0 | 13·2 |
| 31 | 27·2 | 24·7 | 24·1 | 37·0 | 24·5 | 28·5 | 35·2 | 31·5 | 45 | 30 | 32 | 13·0 | 12·4 | 11·2 | 9 | 9 | 3 | SSW | 6 | Calm | 0 | SW | 1 | 0·0 | 11·6 |
| Month | 25·84 | 23·02 | 23·31 | 37·2 | 21·1 | 26·1 | 36·2 | 29·1 | 13 | 7 | 14 | 3·5 | 3·3 | 4·2 | 2·1 | 1·8 | 1·2 | — | 30·3 | — | 15·1 | — | 1·2 | 0·0 | 28·94 |

**Remarks:—**

$C_h = +32$ mm.

## April 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26·4 | 23·1 | 22·7 | 40·5 | 22·7 | 30·5 | 39·0 | 32·0 | 39 | 16 | 29 | 12·6 | 8·3 | 10·4 | 1 | 5 | 0 | SSW | 14 | SE | 3 | S | 1 | 0·0 | 14·2 |
| 2 | 25·9 | 22·3 | 21·9 | 41·0 | 25·3 | 32·2 | 40·2 | 33·5 | 31 | 3 | 11 | 11·3 | 1·5 | 4·3 | 0 | 0 | 0 | ENE | 3 | ENE | 14 | Calm | 0 | 0·0 | 17·6 |
| 3 | 25·1 | 21·4 | 21·2 | 41·0 | 23·0 | 29·0 | 40·0 | 32·0 | 19 | 5 | 11 | 5·6 | 2·7 | 3·8 | 0 | 3 | 0 | ENE | 6 | SW | 14 | Calm | 0 | 0·0 | 18·5 |
| 4 | 24·3 | 19·8 | 20·6 | 41·0 | 23·0 | 31·5 | 38·5 | 32·5 | 9 | 4 | 15 | 3·3 | 2·0 | 5·7 | 4 | 2 | 0 | ENE | 6 | ENE | 12 | Calm | 0 | 0·0 | 21·5 |
| 5 | 24·9 | 22·4 | 21·9 | 40·5 | 22·0 | 33·0 | 39·5 | 37·5 | 6 | 9 | 7 | 2·4 | 4·6 | 3·4 | 0 | 0 | 0 | NE | 14 | SE | 22 | Calm | 0 | 0·0 | 22·5 |
| 6 | 24·7 | 21·0 | 20·9 | 40·0 | 24·0 | 31·5 | 40·0 | 33·5 | 6 | 22 | 28 | 1·9 | 12·3 | 10·8 | 4 | 5 | 0 | NE | 35 | Calm | 0 | NE | 1 | 0·0 | 21·0 |
| 7 | 23·9 | 20·3 | 21·5 | 40·0 | 23·0 | 29·0 | 39·5 | 31·0 | 7 | 3 | 5 | 2·0 | 1·4 | 1·5 | 1 | 1 | 0 | NE | 27 | NE | 14 | ENE | 1 | 0·0 | 17·5 |
| 8 | 24·3 | 20·2 | 20·5 | 41·5 | 22·0 | 31·0 | 41·0 | 32·2 | 2 | 12 | 13 | 0·8 | 7·1 | 4·8 | 0 | 1 | 0 | NE | 22 | Calm | 0 | WSW | 1 | 0·0 | 20·5 |
| 9 | 23·7 | 21·6 | 21·6 | 40·5 | 21·7 | 32·8 | 39·0 | 33·7 | 26 | 16 | 25 | 9·5 | 8·3 | 9·8 | 1 | 4 | 2 | SW | 6 | ESE | 3 | SW | 1 | 0·0 | 16·0 |
| 10 | 24·7 | 21·6 | 21·5 | 41·0 | 26·0 | 31·0 | 40·5 | 34·5 | 31 | 15 | 25 | 11·0 | 8·7 | 10·2 | 2 | 4 | 0 | SW | 3 | WNW | 6 | SW | 1 | 0·0 | 15·8 |
| 11 | 24·1 | 20·6 | 21·7 | 41·0 | 25·8 | 31·8 | 41·0 | 35·0 | 36 | 15 | 21 | 12·7 | 9·0 | 9·0 | 1 | 5 | 6 | S | 3 | NNE | 3 | Calm | 0 | 0·0 | 24·3 |
| 12 | 23·2 | 19·9 | 19·6 | 41·7 | 25·7 | 34·5 | 41·2 | 32·0 | 11 | 0 | 11 | 4·3 | 0·1 | 4·0 | 1 | 2 | 0 | NE | 22 | NE | 25 | NW | 1 | 0·0 | 28·4 |
| 13 | 23·1 | 20·6 | 20·8 | 39·0 | 25·0 | 31·2 | 38·5 | 30·5 | 16 | 4 | 14 | 5·4 | 2·2 | 4·5 | 7 | 9 | 8 | ENE | 6 | E | 6 | Calm | 0 | 0·0 | 19·0 |
| 14 | 23·5 | 21·0 | 20·9 | 41·0 | 22·0 | 32·5 | 39·8 | 32·0 | 24 | 13 | 14 | 8·7 | 7·3 | 5·3 | 4 | 6 | 8 | SSW | 3 | SSE | 3 | Calm | 0 | 0·0 | 16·8 |
| 15 | 23·7 | 20·4 | 20·4 | 40·8 | 23·5 | 30·8 | 40·3 | 34·2 | 29 | 17 | 20 | 9·4 | 9·4 | 8·2 | 6 | 7 | 0 | WSW | 3 | NW | 3 | SW | 1 | 0·0 | 17·6 |
| 16 | 24·3 | 20·7 | 21·0 | 38·5 | 23·5 | 27·0 | 37·5 | 30·5 | 49 | 21 | 36 | 13·1 | 10·1 | 11·8 | 8 | 4 | 4 | WNW | 9 | WSW | 12 | SW | 1 | 0·0 | 18·1 |
| 17 | 23·3 | 20·2 | 20·9 | 40·5 | 24·6 | 30·0 | 40·0 | 32·0 | 35 | 17 | 35 | 10·9 | 10·0 | 12·4 | 0 | 6 | 4 | N | 3 | NW | 3 | SE | 2 | 0·0 | 29·8 |
| 18 | 24·1 | 21·9 | 22·9 | 37·0 | 26·4 | 30·6 | 32·7 | 27·5 | 43 | 40 | 56 | 14·0 | 14·7 | 15·2 | 3 | 4 | 9 | SW | 22 | SW | 30 | SW | 1 | 0·0 | 27·5 |
| 19 | 25·5 | 22·2 | 22·7 | 36·8 | 25·2 | 29·5 | 36·0 | 30·0 | 48 | 29 | 43 | 14·7 | 12·7 | 13·7 | 3 | 7 | 5 | SSW | 25 | SW | 22 | WSW | 2 | 0·0 | 24·0 |
| 20 | 26·0 | 23·8 | 23·3 | 29·8 | 23·7 | 24·0 | 27·3 | 25·5 | 74 | 57 | 64 | 16·3 | 15·5 | 15·4 | 10 | 9 | 8 | SE | 25 | S | 12 | Calm | 0 | 0·0 | 8·0 |
| 21 | 25·6 | 21·8 | 22·1 | 38·4 | 22·0 | 28·0 | 37·5 | 31·2 | 48 | 25 | 39 | 13·5 | 11·9 | 13·1 | 6 | 6 | 4 | SE | 3 | WSW | 3 | SW | 1 | 0·0 | 18·6 |
| 22 | 25·1 | 24·9 | 25·1 | 31·5 | 24·5 | 24·5 | 21·7 | 22·2 | 80 | 94 | 89 | 18·1 | 18·0 | 17·8 | 10 | 10 | 8 | SW | 18 | WNW | 18 | Calm | 0 | 40·0 | 2·0 |
| 23 | 25·4 | 24·2 | 23·2 | 31·5 | 20·0 | 21·5 | 30·0 | 26·5 | 96 | 53 | 76 | 18·2 | 16·6 | 19·5 | 10 | 9 | 0 | SSE | 12 | S | 14 | S | 1 | 0·0 | 8·5 |
| 24 | 24·0 | 20·5 | 21·7 | 36·0 | 22·0 | 27·2 | 35·0 | 26·0 | 68 | 37 | 84 | 18·3 | 15·4 | 20·9 | 8 | 8 | 5 | SW | 3 | SSW | 12 | S | 1 | 10·6 | 10·5 |
| 25 | 24·0 | 22·1 | 23·8 | 31·0 | 21·0 | 26·2 | 30·0 | 25·0 | 73 | 59 | 72 | 18·5 | 18·5 | 16·9 | 10 | 7 | 3 | SE | 6 | Calm | 0 | Calm | 0 | 12·0 | 4·8 |
| 26 | 25·4 | 22·1 | 22·4 | 36·0 | 22·2 | 26·5 | 35·0 | 29·5 | 71 | 26 | 32 | 18·2 | 10·8 | 9·9 | 5 | 4 | 0 | Calm | 0 | NW | 3 | Calm | 0 | 0·0 | 10·4 |
| 27 | 25·7 | 22·7 | 22·8 | 36·0 | 22·4 | 27·0 | 35·0 | 30·6 | 63 | 43 | 41 | 16·6 | 17·8 | 13·5 | 1 | 5 | 2 | SW | 18 | SE | 3 | SW | 1 | 0·0 | 14·2 |
| 28 | 26·7 | 22·9 | 23·6 | 36·0 | 24·7 | 26·8 | 35·5 | 31·6 | 59 | 29 | 37 | 15·3 | 12·2 | 12·9 | 8 | 6 | 5 | SE | 18 | Calm | 0 | S | 1 | 0·0 | 18·6 |
| 29 | 25·2 | 22·5 | 22·6 | 37·5 | 24·5 | 27·0 | 37·0 | 28·0 | 60 | 26 | 60 | 15·7 | 12·2 | 16·9 | 4 | 7 | 5 | SSE | 25 | SSW | 3 | Calm | 0 | 0·0 | 14·0 |
| 30 | 24·3 | 23·8 | 22·1 | 35·0 | 24·0 | 26·0 | 33·0 | 27·8 | 66 | 36 | 58 | 16·3 | 13·2 | 16·1 | 10 | 6 | 4 | Calm | 0 | SSW | 9 | SW | 1 | 0·0 | 13·0 |
| Month | 24·67 | 21·75 | 21·93 | 38·1 | 23·5 | 29·1 | 36·7 | 30·7 | 41 | 25 | 36 | 11·3 | 9·8 | 10·7 | 4·3 | 5·1 | 3·0 | — | 12·0 | — | 9·1 | — | 0·7 | 62·6 | 17·11 |

**Remarks:—**

# KODOK.

$\varphi = 9° 53'$ N. $\lambda = 32° 8'$ E. H = 387·5 m. $h_t = 1·7$ m. $h_r = 1·4$ m.

$C_h = +32$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25·4 | 23·8 | 24·2 | 32·5 | 23·5 | 25·5 | 31·8 | 27·0 | 73 | 42 | 60 | 17·7 | 14·5 | 15·7 | 8 | 7 | 4 | SW | 14 | SSW | 12 | SW | 1 | 0·0 | 15·0 |
| 2 | 26·0 | 23·4 | 22·7 | 36·8 | 21·5 | 26·0 | 35·2 | 30·0 | 62 | 30 | 44 | 15·4 | 12·4 | 13·8 | 6 | 5 | 0 | S | 12 | SW | 9 | S | 1 | 0·0 | 16·2 |
| 3 | 25·0 | 22·1 | 23·3 | 39·0 | 24·0 | 30·8 | 34·5 | 27·5 | 49 | 34 | 60 | 16·1 | 13·8 | 16·3 | 7 | 9 | 8 | S | 14 | S | 12 | SW | 2 | 0·0 | 16·2 |
| 4 | 25·4 | 23·5 | 25·1 | 34·7 | 22·5 | 29·5 | 28·7 | 23·5 | 52 | 58 | 83 | 16·0 | 16·8 | 17·8 | 7 | 10 | 10 | SSW | 30 | SE | 37 | SW | 4 | 1·0 | 16·4 |
| 5 | 25·1 | 23·3 | 22·9 | 33·5 | 20·7 | 24·0 | 33·0 | 28·5 | 72 | 44 | 58 | 15·8 | 16·6 | 16·6 | 8 | 5 | 0 | SE | 3 | SE | 12 | S | 1 | 0·0 | 15·8 |
| 6 | 24·6 | 21·8 | 22·5 | 38·2 | 22·0 | 29·2 | 35·5 | 28·5 | 42 | 31 | 61 | 12·6 | 13·2 | 17·5 | 3 | 8 | 5 | SSW | 14 | S | 6 | W | 1 | 3·0 | 15·0 |
| 7 | 24·3 | 24·2 | 23·8 | 28·3 | 23·5 | 26·5 | 22·0 | 22·5 | 77 | 95 | 92 | 19·7 | 18·6 | 18·5 | 9 | 10 | 4 | WNW | 9 | SW | 12 | Calm | 0 | 42·0 | 2·3 |
| 8 | 26·0 | 24·2 | 24·3 | 32·5 | 20·3 | 23·6 | 32·0 | 27·5 | 85 | 48 | 70 | 18·3 | 17·0 | 19·1 | 8 | 5 | 0 | Calm | 0 | SSW | 12 | WSW | 1 | 0·0 | 11·2 |
| 9 | 24·4 | 21·9 | 21·7 | 37·2 | 23·0 | 27·8 | 36·3 | 27·5 | 65 | 30 | 63 | 17·9 | 13·4 | 17·2 | 3 | 7 | 1 | SE | 12 | WNW | 3 | SE | 1 | 0·0 | 16·2 |
| 10 | 23·9 | 21·2 | 21·0 | 37·5 | 22·5 | 26·7 | 36·5 | 28·5 | 54 | 33 | 52 | 14·0 | 15·0 | 14·8 | 0 | 5 | 0 | SE | 22 | ESE | 3 | SE | 2 | 0·0 | 17·7 |
| 11 | 24·9 | 22·3 | 23·7 | 35·2 | 23·4 | 26·5 | 34·0 | 28·5 | 65 | 33 | 52 | 16·5 | 13·2 | 14·8 | 3 | 3 | 0 | SSW | 18 | SW | 12 | S | 1 | 0·0 | 19·2 |
| 12 | 25·4 | 22·9 | 24·4 | 36·5 | 23·0 | 26·4 | 35·5 | 27·5 | 59 | 31 | 60 | 15·2 | 13·2 | 16·3 | 9 | 6 | 7 | Calm | 0 | W | 3 | SW | 2 | 0·0 | 14·4 |
| 13 | 26·3 | 23·1 | 25·6 | 36·5 | 22·4 | 28·5 | 36·2 | 25·9 | 59 | 31 | 73 | 17·1 | 13·9 | 18·2 | 1 | 7 | 10 | SSW | 12 | SSW | 12 | SE | 3 | 0·0 | 12·5 |
| 14 | 27·3 | 24·7 | 25·2 | 37·5 | 20·8 | 24·0 | 35·8 | 27·5 | 72 | 26 | 61 | 15·8 | 11·2 | 16·4 | 8 | 8 | 7 | SSE | 9 | SSW | 3 | S | 1 | 0·0 | 11·6 |
| 15 | 26·4 | 23·5 | 24·1 | 35·0 | 22·6 | 26·2 | 32·5 | 25·0 | 69 | 39 | 67 | 15·3 | 14·3 | 15·7 | 5 | 6 | 8 | Calm | 0 | SW | 14 | SE | 1 | 0·0 | 14·0 |
| 16 | 25·1 | 22·6 | 23·0 | 38·7 | 21·2 | 26·6 | 36·5 | 30·0 | 65 | 26 | 44 | 16·8 | 11·8 | 13·8 | 8 | 7 | 2 | Calm | 0 | Calm | 0 | SSE | 1 | 0·0 | 14·6 |
| 17 | 24·6 | 21·7 | 22·1 | 39·5 | 21·5 | 30·0 | 38·8 | 30·0 | 53 | 14 | 51 | 16·6 | 7·4 | 16·0 | 0 | 3 | 2 | Calm | 0 | E | 6 | Calm | 0 | 0·0 | 16·5 |
| 18 | 25·3 | 22·3 | 22·6 | 39·5 | 21·4 | 30·7 | 38·6 | 29·4 | 13 | 9 | 47 | 4·2 | 4·4 | 14·2 | 0 | 0 | 5 | NNE | 22 | NE | 12 | SE | 3 | 0·0 | 22·6 |
| 19 | 26·3 | 24·0 | 23·5 | 35·9 | 20·5 | 26·7 | 34·5 | 29·8 | 62 | 25 | 36 | 10·0 | 10·2 | 11·4 | 6 | 7 | 2 | Calm | 0 | WSW | 6 | WSW | 1 | 0·0 | 16·7 |
| 20 | 25·4 | 22·7 | 22·3 | 38·0 | 20·6 | 27·7 | 37·4 | 31·0 | 53 | 17 | 34 | 14·4 | 8·4 | 11·5 | 7 | 5 | 0 | SE | 3 | ESE | 3 | SW | 1 | 0·0 | 20·2 |
| 21 | 25·4 | 22·4 | 22·0 | 39·4 | 21·5 | 29·5 | 38·5 | 30·5 | 46 | 22 | 45 | 14·1 | 11·3 | 14·4 | 1 | 7 | 2 | ESE | 3 | W | 3 | SW | 1 | 0·0 | 19·5 |
| 22 | 24·3 | 21·6 | 21·4 | 39·3 | 24·3 | 29·5 | 38·5 | 31·5 | 49 | 20 | 43 | 14·9 | 10·4 | 14·7 | 6 | 5 | 2 | SSW | 12 | WSW | 6 | SE | 3 | 0·0 | 20·1 |
| 23 | 24·0 | 21·6 | 22·5 | 33·7 | 24·5 | 28·6 | 33·5 | 27·5 | 51 | 34 | 54 | 14·5 | 12·9 | 14·5 | 8 | 9 | 2 | SE | 18 | WSW | 14 | WSW | 1 | 0·0 | 19·0 |
| 24 | 24·7 | 22·4 | 22·8 | 36·7 | 23·5 | 26·5 | 30·2 | 28·0 | 63 | 52 | 51 | 16·0 | 16·4 | 14·2 | 9 | 9 | 4 | Calm | 0 | SE | 18 | SW | 4 | 0·0 | 15·2 |
| 25 | 24·5 | 22·3 | 24·5 | 34·5 | 21·0 | 26·5 | 32·3 | 28·4 | 63 | 43 | 52 | 16·0 | 15·5 | 14·8 | 8 | 7 | 5 | SE | 6 | S | 9 | WSW | 2 | 0·0 | 16·3 |
| 26 | 24·9 | 25·3 | 25·3 | 33·2 | 21·0 | 25·4 | 31·7 | 27·0 | 58 | 37 | 48 | 14·1 | 12·8 | 12·8 | 3 | 4 | 1 | Calm | 0 | SW | 18 | Calm | 0 | 0·0 | 20·3 |
| 27 | 26·5 | 23·8 | 23·4 | 36·4 | 20·2 | 26·0 | 34·5 | 30·0 | 59 | 27 | 36 | 14·6 | 11·1 | 11·2 | 9 | 5 | 0 | S | 3 | SSW | 6 | WSW | 1 | 0·0 | 19·3 |
| 28 | 24·6 | 21·7 | 21·7 | 38·4 | 23·7 | 30·0 | 36·5 | 32·0 | 46 | 24 | 36 | 14·4 | 11·1 | 12·6 | 8 | 4 | 8 | SE | 6 | S | 3 | SW | 1 | 0·0 | 19·5 |
| 29 | 25·0 | 23·8 | 23·7 | 32·0 | 25·2 | 25·5 | 24·0 | 22,6 | 76 | 87 | 88 | 18·4 | 19·3 | 17·9 | 9 | 10 | 6 | Calm | 0 | SW | 18 | SW | 1 | 19·3 | 3·6 |
| 30 | 25·5 | 24·0 | 25·0 | 33·0 | 20·0 | 24·8 | 32·0 | 27·5 | 77 | 40 | 63 | 17·9 | 14·2 | 17·2 | 0 | 6 | 5 | SW | 14 | SW | 18 | SW | 2 | 0·0 | 16·4 |
| 31 | 27·0 | 23·7 | 23·9 | 36·0 | 21·0 | 26·5 | 34·6 | 31·0 | 69 | 32 | 42 | 17·8 | 13·2 | 14·1 | 0 | 5 | 3 | Calm | 0 | SW | 12 | SW | 2 | 0·0 | 12·6 |
| Month | 25·27 | 22·96 | 23·36 | 36·0 | 22·2 | 27·2 | 33·9 | 28·1 | 60 | 36 | 56 | 15·6 | 13·1 | 15·3 | 5·4 | 6·3 | 3·6 | — | 8·3 | — | 10·1 | — | 1·5 | 65·3 | 15·68 |

**Remarks:—**

$C_h = +32$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26·1 | 23·4 | 23·0 | 38·6 | 20·0 | 27·5 | 36·4 | 29·0 | 63 | 30 | 22 | 17·2 | 13·6 | 6·6 | 0 | 0 | 0 | SW | 9 | NE | 6 | Calm | 0 | 0·0 | 16·6 |
| 2 | 26·4 | 23·3 | 23·2 | 37·5 | 18·5 | 25·7 | 35·5 | 27·5 | 60 | 16 | 19 | 14·7 | 7·0 | 5·1 | 0 | 2 | 0 | SE | 3 | ESE | 6 | Calm | 0 | 0·0 | 13·4 |
| 3 | 26·1 | 23·4 | 23·0 | 37·8 | 18·0 | 28·5 | 37·5 | 29·0 | 45 | 4 | 19 | 13·0 | 1·9 | 5·6 | 0 | 0 | 0 | Calm | 0 | N | 18 | Calm | 0 | 0·0 | 15·6 |
| 4 | 26·1 | 23·3 | 23·4 | 38·5 | 17·5 | 29·5 | 38·0 | 29·5 | 37 | 6 | 14 | 11·6 | 3·1 | 4·6 | 1 | 1 | 0 | NW | 12 | NE | 3 | Calm | 0 | 0·0 | 18·2 |
| 5 | 26·5 | 23·4 | 23·4 | 37·0 | 21·6 | 27·3 | 35·5 | 29·5 | 54 | 25 | 44 | 14·3 | 10·4 | 13·6 | 1 | 6 | 0 | SW | 18 | W | 12 | SW | 1 | 0·0 | 18·8 |
| 6 | 25·1 | 22·8 | 22·4 | 39·2 | 22·7 | 29·6 | 36·7 | 31·0 | 50 | 27 | 36 | 15·3 | 12·4 | 12·0 | 0 | 6 | 2 | WSW | 18 | SW | 9 | SW | 2 | 0·0 | 18·9 |
| 7 | 24·8 | 21·7 | 22·1 | 39·4 | 22·5 | 29·0 | 37·6 | 31·0 | 45 | 24 | 38 | 13·2 | 11·9 | 12·7 | 1 | 5 | 6 | SW | 14 | SW | 3 | SW | 2 | 0·0 | 17·2 |
| 8 | 25·1 | 22·8 | 23·3 | 38·0 | 23·7 | 28·8 | 36·5 | 32·2 | 47 | 27 | 41 | 13·7 | 12·2 | 14·8 | 4 | 6 | 0 | Calm | 0 | NW | 9 | SSE | 3 | 0·0 | 19·2 |
| 9 | 26·3 | 23·8 | 23·9 | 37·8 | 23·0 | 28·0 | 36·5 | 32·0 | 56 | 28 | 41 | 15·6 | 12·6 | 14·4 | 0 | 6 | 0 | SW | 6 | WSW | 6 | SW | 2 | 0·0 | 17·8 |
| 10 | 26·9 | 24·5 | 24·1 | 37·5 | 24·7 | 31·0 | 36·8 | 31·5 | 47 | 29 | 37 | 15·6 | 13·3 | 12·9 | 7 | 5 | 0 | SW | 27 | SW | 18 | SW | 2 | 0·0 | 21·5 |
| 11 | 26·7 | 24·0 | 23·2 | 38·5 | 23·5 | 30·0 | 37·0 | 32·5 | 51 | 22 | 32 | 15·8 | 10·4 | 11·8 | 1 | 7 | 0 | SSW | 12 | SSW | 9 | SW | 1 | 0·0 | 21·2 |
| 12 | 25·0 | 22·5 | 23·0 | 38·0 | 25·3 | 29·5 | 36·5 | 32·5 | 52 | 30 | 37 | 16·0 | 13·5 | 13·6 | 2 | 7 | 2 | WSW | 18 | SW | 22 | SW | 1 | 0·0 | 21·7 |
| 13 | 26·5 | 23·9 | 24·3 | 37·0 | 24·6 | 28·4 | 35·5 | 27·5 | 53 | 28 | 54 | 15·2 | 11·7 | 14·5 | 2 | 8 | 8 | SSW | 14 | WSW | 30 | SSE | 2 | 0·0 | 18·6 |
| 14 | 27·7 | 25·7 | 26·3 | 35·5 | 23·5 | 27·2 | 34·5 | 28·5 | 59 | 29 | 53 | 15·7 | 12·0 | 15·3 | 5 | 4 | 7 | Calm | 0 | SW | 3 | SSE | 3 | 0·0 | 20·0 |
| 15 | 28·3 | 26·0 | 26·5 | 35·0 | 23·7 | 26·0 | 34·0 | 28·8 | 68 | 35 | 51 | 17·0 | 13·7 | 14·9 | 9 | 7 | 8 | NE | 6 | WNW | 12 | Calm | 0 | 0.0 | 14·0 |
| 16 | 27·5 | 24·6 | 24·9 | 33·8 | 23·6 | 26·5 | 30·6 | 24·5 | 64 | 47 | 79 | 16·4 | 15·3 | 18·0 | 9 | 9 | 9 | SE | 0 | SSW | 14 | SW | 2 | 2·7 | 9·6 |
| 17 | 27·1 | 24·1 | 25·4 | 35·8 | 22·0 | 25·2 | 32·9 | 26·0 | 74 | 32 | 72 | 17·5 | 12·1 | 17·9 | 2 | 7 | 8 | SW | 3 | WNW | 3 | SSW | 1 | 0·0 | 12·4 |
| 18 | 26·1 | 23·8 | 25·4 | 35·8 | 22·2 | 26·8 | 34·5 | 23·5 | 64 | 34 | 75 | 16·7 | 13·8 | 16·1 | 8 | 6 | 8 | S | 14 | SW | 22 | SE | 2 | 12·5 | 15·2 |
| 19 | 26·3 | 24·9 | 25·6 | 34·0 | 21·5 | 26·0 | 32·5 | 24·0 | 60 | 39 | 75 | 14·9 | 14·1 | 16·6 | 4 | 7 | 8 | SSW | 6 | SW | 22 | W | 2 | 0·0 | 12·1 |
| 20 | 26·8 | 24·9 | 25·6 | 34·5 | 23·0 | 25·3 | 34·0 | 22·5 | 75 | 37 | 91 | 18·0 | 14·7 | 18·3 | 9 | 7 | 6 | SE | 3 | WSW | 3 | SW | 3 | 45·0 | 9·0 |
| 21 | 26·8 | 25·2 | 25·4 | 31·8 | 19·0 | 24·0 | 30·6 | 26·0 | 79 | 45 | 66 | 17·4 | 14·7 | 16·3 | 4 | 7 | 0 | WSW | 14 | S | 18 | S | 1 | 0·0 | 15·3 |
| 22 | 27·6 | 25·1 | 25·3 | 34·0 | 22·5 | 25·8 | 33·0 | 26·5 | 67 | 37 | 64 | 16·4 | 13·8 | 16·2 | 6 | 5 | 0 | SW | 18 | SSW | 18 | SSW | 3 | 3·2 | 13·4 |
| 23 | 27·8 | 25·6 | 25·4 | 31·3 | 19·0 | 21·3 | 28·8 | 25·5 | 77 | 53 | 61 | 14·4 | 15·5 | 14·7 | 10 | 8 | 0 | SSW | 25 | SE | 6 | SE | 1 | 0·0 | 10·2 |
| 24 | 27·4 | 24·5 | 24·5 | 34·5 | 20·6 | 25·2 | 33·0 | 28·5 | 67 | 32 | 40 | 15·9 | 12·0 | 11·5 | 8 | 6 | 0 | SSE | 14 | SW | 14 | S | 1 | 0·0 | 15·1 |
| 25 | 27·1 | 24·3 | 23·8 | 36·2 | 21·5 | 28·3 | 35·0 | 29·6 | 50 | 26 | 43 | 14·0 | 10·8 | 13·2 | 3 | 7 | 4 | SE | 9 | SSE | 9 | SSW | 1 | 0·0 | 20·0 |
| 26 | 27·0 | 24·3 | 24·6 | 35·0 | 22·6 | 27·2 | 34·0 | 27·5 | 55 | 33 | 55 | 14·7 | 13·2 | 14·8 | 8 | 6 | 5 | Calm | 0 | SSW | 3 | S | 3 | 0·0 | 13·0 |
| 27 | 29·3 | 28·8 | 27·3 | 27·7 | 20·5 | 21·0 | 21·8 | 22·0 | 95 | 93 | 82 | 17·6 | 18·0 | 16·2 | 10 | 10 | 10 | SE | 22 | SSE | 3 | SE | 1 | 53·0 | 1·3 |
| 28 | 28·2 | 26·1 | 25·9 | 30·2 | 19·5 | 22·2 | 28·0 | 24·0 | 89 | 54 | 85 | 17·8 | 14·9 | 18·8 | 10 | 9 | 0 | S | 3 | Calm | 0 | Calm | 0 | 0·0 | 4·5 |
| 29 | 27·0 | 24·8 | 25·4 | 33·6 | 20·8 | 24·5 | 33·0 | 26·0 | 81 | 39 | 66 | 18·5 | 14·7 | 16·3 | 6 | 5 | 9 | WSW | 6 | SW | 9 | S | 1 | 0·0 | 9·5 |
| 30 | 27·5 | 26·2 | 26·1 | 32·5 | 21·0 | 25·0 | 24·5 | 22·0 | 80 | 80 | 96 | 18·7 | 18·1 | 18·7 | 5 | 9 | 10 | SW | 6 | NW | 18 | SE | 2 | 15·6 | 3·7 |
| Month | 26·77 | 24·39 | 24·52 | 35·5 | 21·7 | 26·7 | 33·7 | 27·7 | 62 | 35 | 53 | 15·8 | 12·5 | 13·9 | 4·5 | 5·9 | 3·7 | — | 10·3 | — | 10·9 | — | 1·4 | 132·0 | 14·57 |

**Remarks:—**

# KODOK.

$\varphi = 9° 53'$ N. $\lambda = 32° 8'$ E. H = 387·5 m. $h_t$ = 1·7 m. $h_r$ = 1·4 m.

$C_h$ = + 32 mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 26·8 | 24·9 | 26·1 | 31·0 | 20·6 | 23·0 | 30·5 | 26·0 | 91 | 47 | 66 | 19·0 | 15·3 | 16·3 | 7 | 6 | 0 | ESE | 9 | SW | 22 | S | 1 | 0·0 | 9·6 |
| 2 | 28·1 | 24·7 | 24·7 | 32·6 | 21·2 | 24·0 | 31·4 | 27·0 | 74 | 44 | 69 | 16·3 | 15·2 | 18·4 | 8 | 7 | 0 | SE | 9 | SW | 14 | Calm | 0 | 0·0 | 11·2 |
| 3 | 27·8 | 25·3 | 25·2 | 32·6 | 22·5 | 23·5 | 31·0 | 24·5 | 75 | 31 | 64 | 16·1 | 10·3 | 14·6 | 10 | 4 | 4 | E | 14 | NW | 12 | WSW | 2 | 0·0 | 10·7 |
| 4 | 26·9 | 25·7 | 26·8 | 32·3 | 21·0 | 24·3 | 31·2 | 26·0 | 66 | 41 | 71 | 14·7 | 14·0 | 17·6 | 5 | 7 | 0 | S | 12 | SW | 14 | WSW | 1 | 4·6 | 12·5 |
| 5 | 29·1 | 27·2 | 27·2 | 30·0 | 19·3 | 21·2 | 28·5 | 25·2 | 89 | 56 | 78 | 16·6 | 16·0 | 18·6 | 10 | 6 | 1 | Calm | 0 | SW | 12 | SW | 1 | 0·0 | 7·5 |
| 6 | 29·9 | 26·1 | 26·1 | 31·5 | 20·6 | 21·2 | 30·4 | 26·0 | 94 | 50 | 64 | 17·5 | 16·1 | 15·8 | 10 | 9 | 2 | NW | 12 | SW | 6 | WSW | 1 | 1·2 | 7·2 |
| 7 | 28·8 | 20·4 | 25·4 | 29·5 | 20·5 | 23·5 | 27·5 | 26·5 | 79 | 58 | 73 | 17·0 | 15·9 | 18·7 | 10 | 9 | 5 | NE | 14 | S | 3 | E | 1 | 0·0 | 5·5 |
| 8 | 27·6 | 23·9 | 23·7 | 34·0 | 21·0 | 23·5 | 33·5 | 28·0 | 83 | 42 | 67 | 17·8 | 16·3 | 18·8 | 10 | 3 | 0 | NE | 9 | SW | 12 | S | 1 | 0·0 | 11·5 |
| 9 | 26·2 | 25·5 | 25·8 | 32·0 | 22·0 | 25·0 | 31·5 | 27·5 | 76 | 43 | 74 | 17·8 | 14·7 | 20·0 | 8 | 9 | 8 | SW | 12 | S | 6 | S | 1 | 7·0 | 4·5 |
| 10 | 28·4 | 25·8 | 26·6 | 28·5 | 20.5 | 24·5 | 28·0 | 25·0 | 72 | 67 | 80 | 16·3 | 18·8 | 18·7 | 10 | 5 | 3 | SW | 14 | SE | 18 | SW | 1 | 0·0 | 6·5 |
| 11 | 27·1 | 25·5 | 24·3 | 31·5 | 21·0 | 24·5 | 31·0 | 27·5 | 76 | 50 | 57 | 17·2 | 16·9 | 15·4 | 3 | 5 | 8 | SW | 14 | S | 14 | S | 2 | 0·0 | 10·4 |
| 12 | 26·4 | 24·3 | 25·6 | 33·0 | 22·0 | 25·5 | 32·5 | 26·5 | 72 | 39 | 63 | 17·5 | 14·1 | 16·0 | 8 | 10 | 10 | SW | 18 | SW | 27 | S | 1 | 0·0 | 9·0 |
| 13 | 26·7 | 25·8 | 25·8 | 34·5 | 20·0 | 26·5 | 33·5 | 26·8 | 63 | 45 | 71 | 16·0 | 17·3 | 18·5 | 6 | 6 | 2 | S | 9 | SW | 18 | Calm | 0 | 0·0 | 10·5 |
| 14 | 27·9 | 26·2 | 26·8 | 33·5 | 23·5 | 27·5 | 26·5 | 24·5 | 67 | 69 | 80 | 18·1 | 17·8 | 18·1 | 7 | 8 | 4 | W | 14 | NW | 12 | SW | 2 | 1·0 | 4·1 |
| 15 | 28·0 | 25·1 | 25·0 | 33·5 | 19·5 | 24·5 | 32·5 | 27·5 | 72 | 36 | 50 | 16·3 | 13·2 | 13·6 | 8 | 5 | 3 | ESE | 9 | SW | 6 | WSW | 1 | 0·0 | 10·6 |
| 16 | 26·7 | 24·2 | 27·1 | 34·5 | 20·0 | 24·5 | 33·2 | 21·5 | 71 | 36 | 96 | 16·2 | 13·7 | 18·2 | 7 | 6 | 10 | SW | 12 | SW | 22 | SSE | 2 | 19·0 | 10·7 |
| 17 | 28·6 | 26·5 | 27·0 | 31·0 | 20·5 | 24·6 | 30·0 | 22·0 | 73 | 50 | 91 | 16·6 | 15·6 | 17·9 | 7 | 8 | 4 | NNE | 6 | ESE | 3 | S | 2 | 0·0 | 5·5 |
| 18 | 27·6 | 25·4 | 25·7 | 35·0 | 20·0 | 23·5 | 33·5 | 28·2 | 83 | 35 | 54 | 17·8 | 13·5 | 15·3 | 7 | 5 | 4 | S | 9 | E | 3 | SW | 1 | 0·0 | 10·6 |
| 19 | 26·8 | 23·7 | 24·6 | 36·0 | 22·0 | 26·5 | 35·5 | 24·0 | 66 | 35 | 83 | 16·9 | 15·1 | 18·4 | 3 | 8 | 9 | SW | 6 | SW | 12 | SE | 2 | 18·6 | 8·1 |
| 20 | 25·7 | 23·2 | 25·1 | 32·0 | 22·0 | 25·5 | 29·5 | 20·5 | 81 | 55 | 96 | 19·5 | 16·9 | 17·1 | 8 | 8 | 10 | SW | 12 | W | 18 | SSE | 2 | 77·7 | 5·0 |
| 21 | 26·2 | 25·7 | 27·0 | 28·2 | 19·6 | 22·8 | 27·4 | 24·0 | 89 | 65 | 79 | 18·3 | 17·6 | 17·5 | 10 | 8 | 6 | SE | 6 | S | 14 | SW | 1 | 0·0 | 6·2 |
| 22 | 27·5 | 25·4 | 26·1 | 32·0 | 21·5 | 24·5 | 31·0 | 27·0 | 76 | 50 | 69 | 17·2 | 16·9 | 18·4 | 7 | 7 | 8 | S | 12 | SSW | 6 | W | 3 | 0·0 | 9·7 |
| 23 | 26·6 | 23·6 | 24·5 | 33·0 | 21·5 | 26·8 | 32·6 | 26·0 | 67 | 43 | 73 | 17·4 | 15·9 | 18·1 | 7 | 7 | 8 | SSW | 12 | SW | 14 | Calm | 0 | 0·0 | 8·0 |
| 24 | 25·8 | 24·1 | 25·7 | 30·0 | 21·5 | 23·8 | 29·5 | 24·0 | 81 | 58 | 86 | 17·8 | 17·8 | 19·2 | 6 | 7 | 10 | SSW | 9 | SW | 18 | Calm | 0 | 0·0 | 7·5 |
| 25 | 27·2 | 25·8 | 26·6 | 31·0 | 21·0 | 23·0 | 29·5 | 24·0 | 83 | 52 | 83 | 17·3 | 16·0 | 18·4 | 9 | 7 | 8 | S | 6 | WNW | 9 | SSW | 1 | 0·0 | 5·6 |
| 26 | 27·6 | 25·5 | 25·8 | 33·0 | 21·0 | 25·5 | 32·0 | 26·5 | 76 | 43 | 69 | 18·4 | 15·3 | 17·8 | 7 | 6 | 3 | SSE | 9 | W | 6 | SW | 1 | 0·0 | 8·7 |
| 27 | 27·0 | 26·0 | 26·5 | 31·2 | 23·0 | 26·0 | 23·0 | 24·0 | 78 | 89 | 91 | 19·4 | 18·5 | 20·3 | 9 | 9 | 8 | S | 3 | SSW | 3 | SSW | 2 | 5·8 | 2·7 |
| 28 | 26·4 | 25·0 | 24·5 | 30·3 | 20·7 | 22·7 | 28·0 | 25·5 | 88 | 63 | 73 | 17·8 | 17·8 | 17·7 | 8 | 3 | 0 | SSE | 6 | SSW | 12 | SSE | 1 | 0·0 | 7·2 |
| 29 | 25·3 | 28·1 | 24·4 | 35·0 | 21·5 | 25·7 | 33·0 | 27·0 | 79 | 42 | 78 | 19·2 | 15·7 | 20·7 | 3 | 6 | 3 | WSW | 6 | SE | 6 | Calm | 0 | 0·0 | 7·8 |
| 30 | 26·7 | 26·8 | 27·2 | 28·5 | 22·7 | 25·0 | 20·5 | 22·0 | 80 | 98 | 98 | 18·7 | 17·4 | 19·3 | 7 | 10 | 10 | SSE | 3 | S | 18 | Calm | 0 | 3·3 | 3·0 |
| 31 | 27·7 | 25·9 | 25·3 | 32·1 | 19·7 | 24·0 | 31·0 | 23·5 | 81 | 50 | 90 | 17·9 | 16·9 | 19·5 | 7 | 3 | 10 | SW | 3 | SW | 12 | W | 2 | 18·1 | 7·4 |
| Month | 27·26 | 25·24 | 25·75 | 32·0 | 21·1 | 24·4 | 30·3 | 25·3 | 77 | 51 | 75 | 17·4 | 15·9 | 17·8 | 7·5 | 6·7 | 5·2 | — | 9·3 | — | 12·0 | — | 1·2 | 156·3 | 7·90 |

**Remarks:—**

$C_h$ = + 32 mm.

## August 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27·0 | 24·4 | 25·6 | 32·0 | 20·2 | 26·2 | 31·2 | 25·0 | 75 | 50 | 64 | 18·9 | 16·8 | 15·2 | 7 | 4 | 10 | SW | 12 | WNW | 18 | W | 3 | 2·2 | 5·9 |
| 2 | 26·6 | 24·5 | 25·4 | 32·3 | 20·5 | 23·8 | 31·4 | 23·5 | 81 | 49 | 91 | 17·7 | 16·7 | 19·7 | 6 | 7 | 3 | ESE | 9 | SSW | 6 | SSW | 1 | 0·0 | 5·3 |
| 3 | 26·2 | 24·5 | 25·2 | 31·7 | 21·7 | 24·0 | 30·6 | 25·2 | 86 | 55 | 82 | 19·2 | 18·1 | 19·6 | 8 | 6 | 4 | W | 3 | SSW | 12 | SSW | 1 | 14·3 | 7·8 |
| 4 | 27·2 | 26·9 | 26·7 | 26·5 | 19·7 | 21·5 | 24·9 | 22·5 | 96 | 77 | 89 | 18·2 | 17·9 | 17·9 | 10 | 9 | 4 | SE | 3 | SE | 12 | SE | 1 | 0·0 | 2·6 |
| 5 | 27·4 | 25·3 | 25·5 | 31·5 | 20·0 | 24·5 | 30·0 | 25·5 | 69 | 50 | 71 | 15·7 | 15·6 | 17·3 | 4 | 6 | 3 | SE | 6 | SW | 12 | WSW | 1 | 0·0 | 6·2 |
| 6 | 27·2 | 24·4 | 25·1 | 33·4 | 22·5 | 25·2 | 32·5 | 27·2 | 76 | 46 | 68 | 18·1 | 16·5 | 18·3 | 8 | 7 | 0 | N | — | SSW | 3 | Calm | 0 | 0·0 | 5·9 |
| 7 | 26·5 | 25·5 | 25·0 | 28·2 | 22·7 | 25·5 | 27·6 | 24·5 | 76 | 66 | 83 | 18·4 | 18·0 | 19·0 | 10 | 9 | 7 | W | — | S | 6 | SSE | 2 | 0·0 | 3·5 |
| 8 | 26·5 | 24·5 | 25·2 | 30·2 | 21·4 | 24·0 | 24·5 | 24·5 | 80 | 80 | 87 | 18·8 | 18·3 | 20·0 | 8 | 9 | 8 | NE | 3 | Calm | 0 | SW | 1 | 0·0 | 7·0 |
| 9 | 25·7 | 23·7 | 25·4 | 31·0 | 20·9 | 24·4 | 31·0 | 23·0 | 81 | 53 | 85 | 18·4 | 17·9 | 17·6 | 6 | 7 | 10 | S | 3 | WSW | 3 | Calm | 0 | 8·8 | 6·1 |
| 10 | 26·9 | 24·5 | 25·4 | 31·1 | 20·9 | 23·0 | 30·5 | 24·0 | 90 | 55 | 83 | 18·7 | 18·2 | 18·4 | 9 | 5 | 5 | E | 9 | SW | — | SSW | 3 | 0·0 | 4·5 |
| 11 | 26·8 | 24·5 | 26·3 | 32·5 | 21·2 | 23·5 | 31·6 | 25·5 | 97 | 51 | 83 | 21·0 | 17·5 | 20·1 | 6 | 7 | 8 | N | 3 | WNW | 3 | SSE | 2 | 0·0 | 5·1 |
| 12 | 28·5 | 26·0 | 26·4 | 30·6 | 20·2 | 24·0 | 29·5 | 26·5 | 85 | 50 | 66 | 18·8 | 15·4 | 16·9 | 7 | 4 | 5 | SSE | 12 | SSW | 12 | SSW | 1 | 0·0 | 7·3 |
| 13 | 26·9 | 23·9 | 25·4 | 34·0 | — | 24·0 | 32·5 | 23·5 | 80 | 44 | 83 | 17·7 | 16·0 | 17·8 | 8 | 5 | 10 | NW | 3 | SW | 3 | S | 2 | 10·0 | 4·1 |
| 14 | 27·0 | 23·9 | 24·8 | 32·0 | 21·5 | 23·5 | 29·5 | 24·0 | 87 | 61 | 87 | 18·7 | 18·8 | 19·3 | 9 | 7 | 4 | Calm | 0 | NE | 6 | SW | 2 | 0·0 | 5·2 |
| 15 | 25·5 | 23·4 | 24·2 | 29·0 | 20·5 | 25·5 | 26·5 | 25·0 | 80 | 80 | 84 | 19·3 | 20·6 | 19·7 | 4 | 8 | 10 | S | 9 | NE | 6 | SW | 1 | 2·0 | 4·3 |
| 16 | 27·2 | 24·9 | 25·0 | 31·0 | 21·5 | 24·0 | 29·0 | 24·5 | 79 | 61 | 87 | 17·5 | 18·1 | 20·0 | 10 | 6 | 8 | NE | 22 | SW | 12 | Calm | 0 | 0·0 | 3·4 |
| 17 | 27·6 | 24·7 | 26·4 | 33·0 | 21·0 | 24·0 | 31·5 | 26·5 | 87 | 51 | 56 | 19·3 | 17·5 | 14·3 | 10 | 7 | 3 | NE | 14 | SW | 6 | S | 2 | 2·0 | 5·0 |
| 18 | 28·0 | 25·2 | 25·1 | 32·0 | 19·0 | 23·5 | 30·0 | 26·5 | 83 | 51 | 73 | 17·8 | 15·8 | 18·7 | 6 | 7 | 9 | Calm | 0 | SW | 12 | Calm | 0 | 0·0 | 6·5 |
| 19 | 26·0 | 23·7 | 24·2 | 36·0 | 21·0 | 27·5 | 33·2 | 24·5 | 70 | 44 | 83 | 19·1 | 16·5 | 19·0 | 4 | 8 | 6 | S | 9 | SW | 12 | S | 1 | 0·0 | 7·5 |
| 20 | 24·6 | 23·3 | 24·4 | 32·5 | 21·0 | 24·5 | 31·5 | 27·5 | 83 | 51 | 60 | 19·0 | 17·5 | 16·3 | 10 | 9 | 6 | Calm | 0 | SW | 14 | SW | 1 | 1·0 | 4·3 |
| 21 | 25·6 | 25·6 | 25·1 | 27·0 | 19·0 | 23·5 | 24·0 | 23·0 | 79 | 79 | 88 | 17·0 | 17·5 | 18·1 | 8 | 0 | 0 | SW | 25 | SE | 12 | N | 1 | 0·0 | 3·4 |
| 22 | 27·0 | 24·8 | 25·0 | 30·5 | 19·5 | 24·5 | 29·5 | 24·0 | 83 | 58 | 79 | 19·0 | 17·8 | 17·5 | 10 | 2 | 8 | S | 6 | SE | 6 | Calm | 0 | 0·0 | 6·4 |
| 23 | 27·4 | 23·9 | 25·6 | 33·0 | 21·0 | 26·5 | 32·5 | 25·5 | 77 | 47 | 72 | 19·7 | 16·9 | 17·5 | 4 | 6 | 10 | SSE | 6 | S | 3 | S | 3 | 3·0 | 7·2 |
| 24 | 26·3 | 24·3 | 25·1 | 31·5 | 20·5 | 24·0 | 29·5 | 24·5 | 83 | 55 | 83 | 18·4 | 16·9 | 19·0 | 5 | 10 | 0 | SW | 14 | SW | 14 | S | 1 | 0·0 | 7·0 |
| 25 | 26·8 | 26·1 | 26·0 | 31·0 | 21·5 | 25·5 | 29·5 | 25·0 | 84 | 61 | 77 | 20·3 | 18·8 | 18·2 | 8 | 4 | 6 | SE | 6 | Calm | 0 | Calm | 0 | 0·0 | 7·0 |
| 26 | 26·7 | 24·8 | 26·3 | 34·0 | 21·0 | 28·0 | 32·5 | 28·5 | 70 | 48 | 61 | 19·7 | 17·3 | 17·5 | 5 | 5 | 4 | SE | 6 | S | 9 | Calm | 0 | 0·0 | 7·2 |
| 27 | 27·8 | 25·5 | 26·1 | 34·5 | 21·6 | 27·5 | 30·5 | 28·0 | 70 | 57 | 51 | 19·1 | 18·6 | 14·2 | 6 | 8 | 5 | ENE | 3 | SE | 6 | SSW | 3 | 0·0 | 9·1 |
| 28 | 27·8 | 25·8 | 25·6 | 32·8 | 20·2 | 24·4 | 31·8 | 25·5 | 76 | 51 | 72 | 17·1 | 17·8 | 17·5 | 8 | 7 | 5 | ENE | 14 | E | 12 | NNE | 1 | 0·0 | 7·5 |
| 29 | 26·5 | 24·2 | 24·5 | 36·0 | 22·5 | 27·4 | 34·5 | 26·5 | 57 | 31 | 59 | 15·4 | 12·5 | 15·1 | 6 | 8 | 0 | NE | 18 | NNE | 12 | Calm | 0 | 0·0 | 9·3 |
| 30 | 25·7 | 28·2 | 23·8 | 36·2 | 20·5 | 27·5 | 35·7 | 28·0 | 63 | 34 | 66 | 17·2 | 14·8 | 18·6 | 0 | 4 | 1 | NNE | 3 | SE | 6 | SE | 1 | 0·0 | 12·5 |
| 31 | 25·6 | 24·6 | 26·3 | 36·6 | 22·7 | 29·3 | 31·5 | 26·0 | 61 | 39 | 74 | 18·5 | 13·5 | 18·5 | 3 | 8 | 8 | SE | — | WNW | 14 | SW | 6 | 0·0 | 7·0 |
| Month | 26·73 | 24·66 | 25·36 | 32·1 | 20·9 | 25·0 | 30·3 | 25·3 | 79 | 54 | 76 | 18·4 | 17·1 | 18·0 | 6·9 | 6·4 | 5·5 | — | 7·9 | — | 8·4 | — | 1·3 | 43·3 | 6·16 |

**Remarks:—**

# KODOK.

$\varphi = 9° 53'$ N. $\lambda = 32° 8'$ E. H = 387·5 m. $h_t = 1·7$ m. $h_r = 1·4$ m.

$C_h$ + 32 mm. **September 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26·9 | 24·4 | 25·0 | 34·5 | 21·7 | 23·8 | 32·5 | 26·5 | 79 | 46 | 73 | 17·1 | 16·7 | 18·7 | 10 | 7 | 7 | ENE | 6 | WSW | 3 | Calm | 0 | 0·0 | 5·4 |
| 2 | 25·7 | 22·8 | 23·6 | 38·7 | 21·3 | 26·0 | 35·8 | 25·0 | 64 | 31 | 76 | 15·8 | 13·4 | 17·8 | 7 | 4 | 0 | E | 9 | S | 3 | Calm | 0 | 0·0 | 6·3 |
| 3 | 25·2 | 22·4 | 25·7 | 36·0 | 20·5 | 25·5 | 31·5 | 24·0 | 81 | 43 | 83 | 19·5 | 14·7 | 18·4 | 9 | 8 | 8 | NNE | 2 | SW | 12 | NE | 3 | 15·7 | 4·9 |
| 4 | 26·4 | 25·5 | 26·0 | 30·5 | 20·4 | 23·0 | 29·4 | 23·0 | 83 | 54 | 85 | 17·3 | 16·4 | 17·6 | 9 | 7 | 1 | Calm | 0 | SW | 9 | SSE | 2 | 0.0 | 4·2 |
| 5 | 27·1 | 25·0 | 25·0 | 31·2 | 20·5 | 23·5 | 29·5 | 24·5 | 81 | 54 | 72 | 17·3 | 16·5 | 16·3 | 8 | 9 | 9 | S | 14 | WNW | 2 | SSE | 2 | 0·0 | 4·5 |
| 6 | 26·4 | 23·4 | 24·6 | 33·8 | 21·6 | 24·5 | 32·9 | 25·0 | 81 | 42 | 76 | 18·5 | 15·7 | 17·8 | 9 | 4 | 6 | SE | 6 | S | 3 | NW | 1 | 0·0 | 5·2 |
| 7 | 25·3 | 22·3 | 24·3 | 36·0 | 21·7 | 28·0 | 35·2 | 26·2 | 67 | 36 | 64 | 18·8 | 15·3 | 16·2 | 6 | 5 | 7 | ENE | 3 | SSE | 14 | SE | 1 | 0·0 | 7·8 |
| 8 | 26·5 | 24·7 | 25·2 | 34·0 | 21·0 | 24·5 | 32·5 | 24·0 | 81 | 47 | 82 | 18·5 | 16·9 | 18·1 | 8 | 7 | 2 | E | 3 | ESE | 6 | SE | 1 | 0·0 | 4·6 |
| 9 | 26·4 | 23·4 | 25·9 | 35·6 | 20·8 | 25·5 | 30·5 | 21·5 | 71 | 47 | 99 | 17·3 | 15·3 | 18·9 | 6 | 9 | 9 | Calm | 0 | NW | 14 | SE | 3 | 48·7 | 4·0 |
| 10 | 26·7 | 24·1 | 24·2 | 32·5 | 20·0 | 22·8 | 31·8 | 24·0 | 93 | 47 | 100 | 19·2 | 16·4 | 22·2 | 9 | 4 | 8 | NE | 6 | S | 3 | WSW | 1 | 0·0 | 4·6 |
| 11 | 25·7 | 22·4 | 24·2 | 35·2 | 22·0 | 26·3 | 34·3 | 23·1 | 72 | 40 | 84 | 18·1 | 16·0 | 17·6 | 5 | 4 | 4 | NE | 12 | SE | 3 | W | 1 | 0·0 | 5·8 |
| 12 | 25·5 | 22·8 | 24·6 | 33·8 | 20·5 | 26·5 | 32·8 | 26·5 | 69 | 40 | 70 | 17·8 | 14·8 | 18·0 | 5 | 4 | 7 | NE | 3 | SSE | 6 | SW | 3 | 0·0 | 5·5 |
| 13 | 26·2 | 24·0 | 24·6 | 31·0 | 21·6 | 24·9 | 30·0 | 25·2 | 70 | 52 | 74 | 16·3 | 16·2 | 17·7 | 6 | 8 | 3 | SSE | 9 | S | 14 | SE | 1 | 0·0 | 5·2 |
| 14 | 25·5 | 23·6 | 24·5 | 35·5 | 19·0 | 25·5 | 35·0 | 28·4 | 73 | 38 | 65 | 17·7 | 15·8 | 18·5 | 4 | 3 | 4 | SSE | 3 | SE | 3 | S | 1 | 0·0 | 7·3 |
| 15 | 27·7 | 24·1 | 25·5 | 28·5 | 22·0 | 23·0 | 23·0 | 21·4 | 88 | 88 | 95 | 18·1 | 18·1 | 18·1 | 10 | 9 | 4 | NE | 12 | SE | 9 | SSE | 1 | 43·8 | 1·0 |
| 16 | 25·9 | 23·9 | 24·2 | 32·5 | 19·5 | 23·3 | 31·5 | 26·5 | 86 | 51 | 84 | 18·1 | 17·5 | 21·6 | 4 | 5 | 2 | Calm | 0 | SSW | 12 | Calm | 0 | 0·0 | 5·0 |
| 17 | 27·4 | 24·9 | 25·1 | 28·5 | 21·5 | 24·1 | 25·0 | 23·0 | 84 | 78 | 91 | 18·7 | 18·4 | 19·0 | 10 | 8 | 3 | SE | 6 | NNE | 3 | WNW | 2 | 1·4 | 2·4 |
| 18 | 25·9 | 23·8 | 24·6 | 33·0 | 19·4 | 24·5 | 32·0 | 24·5 | 80 | 48 | 80 | 18·1 | 17·0 | 18·1 | 6 | 3 | 3 | Calm | 0 | ESE | 2 | Calm | 0 | 2·5 | 5·0 |
| 19 | 25·9 | 24·5 | 25·4 | 30·0 | 20·3 | 23·2 | 29·5 | 25·0 | 81 | 52 | 76 | 17·0 | 16·0 | 17·8 | 9 | 4 | 3 | N | 2 | SW | 18 | NW | 1 | 0·0 | 8·7 |
| 20 | 25·5 | 24·3 | 25·0 | 30·8 | 21·0 | 24·0 | 30·0 | 26·0 | 83 | 55 | 80 | 18·4 | 17·5 | 20·0 | 8 | 7 | 8 | SW | 2 | SW | 3 | NW | 1 | 0·7 | 3·9 |
| 21 | 25·3 | 23·1 | 23·9 | 35·6 | 21·9 | 25·5 | 35·5 | 25·4 | 86 | 41 | 77 | 20·9 | 17·5 | 18·5 | 7 | 6 | 6 | SE | 3 | ESE | 2 | Calm | 0 | 1·7 | 4·6 |
| 22 | 24·7 | 21·9 | 23·6 | 36·0 | 21·0 | 26·5 | 35·0 | 25·2 | 76 | 44 | 71 | 19·5 | 18·2 | 17·0 | 4 | 4 | 3 | E | 2 | SE | 2 | W | 1 | 0·0 | 6·0 |
| 23 | 25·2 | 23·2 | 25·0 | 32·5 | 21·0 | 28·0 | 27·9 | 24·5 | 67 | 71 | 80 | 18·8 | 19·8 | 18·1 | 3 | 8 | 10 | ESE | 6 | SW | 14 | SE | 3 | 6·2 | 5·6 |
| 24 | 26·8 | 24·3 | 25·0 | 31·0 | 19·5 | 24·5 | 30·5 | 25·4 | 81 | 53 | 85 | 18·5 | 17·4 | 20·4 | 6 | 9 | 2 | SE | 9 | S | 3 | ENE | 1 | 0·0 | 4·8 |
| 25 | 26·9 | 23·9 | 24·5 | 34·6 | 20·5 | 24·7 | 33·5 | 27·5 | 83 | 42 | 70 | 19·1 | 15·9 | 19·1 | 9 | 2 | 3 | SE | 3 | SE | 2 | Calm | 0 | 0·0 | 5·5 |
| 26 | 25·0 | 22·4 | 24·1 | 35·8 | 20·0 | 26·5 | 35·0 | 25·0 | 63 | 42 | 65 | 16·0 | 17·4 | 15·5 | 7 | 3 | 3 | NNW | 2 | SE | 3 | W | 1 | 0·0 | 5·9 |
| 27 | 24·4 | 22·1 | 23·7 | 36·6 | 20·0 | 26·0 | 30·0 | 27·5 | 73 | 34 | 70 | 18·1 | 15·2 | 19·1 | 2 | 4 | 4 | SE | 2 | SE | 9 | ESE | 2 | 0·0 | 8·0 |
| 28 | 24·4 | 22·5 | 23·6 | 36·7 | 20·5 | 27·6 | 35·5 | 27·0 | 63 | 33 | 60 | 17·1 | 14·1 | 15·7 | 0 | 5 | 7 | SE | 3 | SSW | 9 | SE | 3 | 0·0 | 7·7 |
| 29 | 24·6 | 22·0 | 24·9 | 36·6 | 19·3 | 26·5 | 36·0 | 24·7 | 66 | 25 | 82 | 16·9 | 11·2 | 18·9 | 3 | 4 | 8 | SSE | 2 | W | 14 | SSE | 4 | 0·0 | 11·0 |
| 30 | 24·6 | 21·6 | 22·6 | 35·7 | 21·2 | 24·2 | 35·0 | 27·5 | 74 | 32 | 63 | 16·5 | 13·5 | 17·0 | 8 | 3 | 0 | NE | 3 | SW | 3 | Calm | 0 | 0·0 | 7·0 |
| Month | 25·86 | 23·44 | 24·60 | 33·7 | 20·7 | 25·1 | 32·2 | 25·1 | 77 | 47 | 78 | 18·0 | 16·2 | 18·2 | 6·6 | 5·6 | 4·8 | — | 4·4 | — | 6·8 | — | 1·3 | 120·7 | 5·58 |

**Remarks:—**

$C_h$ = + 32 mm. **October 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23·0 | 20·6 | 22·3 | 36·7 | 20·7 | 28·5 | 35·0 | 27·6 | 64 | 35 | 56 | 18·4 | 14·4 | 15·3 | 4 | 7 | 6 | SE | 3 | SSW | 3 | Calm | 0 | 9·8 | 8·2 |
| 2 | 26·8 | 25·8 | 26·9 | 30·5 | 21·5 | 24·0 | 30·0 | 24·0 | 80 | 50 | 86 | 17·7 | 15·6 | 19·2 | 9 | 9 | 6 | SW | 9 | WSW | 3 | ENE | 1 | 0·0 | 3·6 |
| 3 | 26·7 | 23·5 | 25·1 | 35·4 | 19·2 | 25·2 | 35·4 | 28·2 | 77 | 32 | 67 | 18·4 | 13·6 | 19·0 | 2 | 3 | 2 | S | 6 | SW | 3 | SE | 2 | 0·0 | 3·8 |
| 4 | 25·5 | 23·1 | 24·5 | 35·2 | 22·3 | 27·8 | 35·0 | 25·8 | 71 | 32 | 74 | 19·8 | 13·5 | 18·2 | 3 | 7 | 10 | S | 6 | SW | 3 | ENE | 1 | 0·0 | 8·0 |
| 5 | 25·3 | 23·4 | 26·6 | 31·5 | 21·5 | 24·6 | 28·2 | 21·6 | 81 | 66 | 95 | 18·6 | 18·6 | 18·1 | 8 | 9 | 10 | NE | 14 | SW | 14 | SSE | 3 | 48·5 | 3·8 |
| 6 | 25·5 | 23·2 | 23·7 | 30·8 | 21·5 | 22·2 | 30·5 | 25·5 | 89 | 55 | 90 | 17·8 | 18·2 | 21·7 | 6 | 5 | 2 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·0 |
| 7 | 24·4 | 21·6 | 25·2 | 32·5 | 21·0 | 25·0 | 32·5 | 24·5 | 87 | 47 | 81 | 20·6 | 16·9 | 18·5 | 6 | 4 | 8 | Calm | 0 | S | 6 | SW | 3 | 0·0 | 4·5 |
| 8 | 25·9 | 23·3 | 24·5 | 32·6 | 20·7 | 24·0 | 31·1 | 25·0 | 79 | 51 | 84 | 17·5 | 17·4 | 19·7 | 5 | 3 | 4 | SSE | 6 | SSW | 12 | S | 2 | 0·0 | 5·0 |
| 9 | 26·0 | 23·2 | 24·1 | 33·8 | 21·2 | 26·5 | 33·8 | 26·0 | 77 | 45 | 74 | 19·7 | 17·7 | 18·5 | 2 | 4 | 2 | SE | 3 | Calm | 0 | NNE | 2 | 0·0 | 5·5 |
| 10 | 25·1 | 22·1 | 25·4 | 36·5 | 21·0 | 27·2 | 36·0 | 22·0 | 75 | 38 | 91 | 20·2 | 16·7 | 17·9 | 2 | 2 | 8 | Calm | 0 | ESE | 6 | NNE | 4 | 0·0 | 5·5 |
| 11 | 26·1 | 24·1 | 25·5 | 32·8 | 18·5 | 23·3 | 32·0 | 26·1 | 81 | 52 | 77 | 17·1 | 18·4 | 19·3 | 3 | 2 | 2 | SE | 6 | S | 6 | Calm | 0 | 0·0 | 5·5 |
| 12 | 25·1 | 23·1 | 24·5 | 34·0 | 19·5 | 25·1 | 34·0 | 26·2 | 70 | 40 | 79 | 16·5 | 15·6 | 19·9 | 0 | 1 | 2 | WSW | 6 | SSW | 6 | Calm | 0 | 0·0 | 6·2 |
| 13 | 26·4 | 24·9 | 27·9 | 32·5 | 21·8 | 26·0 | 30·0 | 25·0 | 69 | 47 | 76 | 17·2 | 14·7 | 17·8 | 2 | 7 | 10 | SW | 18 | SW | 18 | E | 5 | 0·0 | 8·2 |
| 14 | 26·4 | 23·8 | 25·3 | 35·0 | 17·8 | 24·3 | 34·5 | 27·5 | 77 | 32 | 70 | 17·4 | 12·9 | 19·1 | 2 | 4 | 10 | SW | 6 | S | 3 | Calm | 0 | 0·0 | 7·1 |
| 15 | 25·6 | 22·7 | 25·5 | 34·5 | 20·5 | 26·7 | 34·0 | 25·5 | 70 | 38 | 72 | 18·2 | 15·0 | 17·5 | 8 | 7 | 8 | Calm | 0 | N | 6 | ESE | 2 | 0·0 | 6·8 |
| 16 | 26·9 | 24·5 | 27·2 | 33·5 | 20·5 | 26·0 | 31·8 | 22·0 | 76 | 50 | 88 | 19·0 | 17·4 | 17·4 | 8 | 7 | 10 | SE | 3 | WSW | 3 | W | 4 | 20·0 | 4·6 |
| 17 | 27·6 | 24·9 | 25·3 | 33·0 | 18·8 | 24·5 | 32·5 | 26·5 | 81 | 43 | 73 | 18·5 | 15·6 | 18·7 | 7 | 1 | 2 | Calm | 0 | SSW | 6 | Calm | 0 | 0·0 | 5·5 |
| 18 | 26·1 | 23·2 | 24·5 | 35·5 | 20·2 | 27·5 | 35·0 | 26·7 | 69 | 36 | 67 | 18·7 | 15·0 | 17·3 | 5 | 3 | 4 | S | 3 | SSW | 3 | Calm | 0 | 0·0 | 6·8 |
| 19 | 24·4 | 21·8 | 23·7 | 37·0 | 21·0 | 28·0 | 35·0 | 25·0 | 65 | 33 | 72 | 18·2 | 13·9 | 16·9 | 2 | 4 | 10 | Calm | 0 | N | 3 | SSW | 2 | 0·0 | 7·5 |
| 20 | 24·8 | 22·0 | 23·5 | 37·0 | 24·3 | 25·6 | 35·5 | 25·1 | 75 | 28 | 79 | 18·4 | 11·7 | 18·7 | 3 | 2 | 2 | ENE | 6 | NE | 9 | SW | 1 | 0·0 | 7·5 |
| 21 | 25·2 | 23·1 | 24·8 | 36·0 | 20·3 | 24·2 | 36·0 | 26·5 | 86 | 33 | 67 | 19·2 | 14·8 | 17·3 | 2 | 3 | 1 | WNW | 6 | W | 3 | Calm | 0 | 0·0 | 8·0 |
| 22 | 26·3 | 23·1 | 24·3 | 36·0 | 18·7 | 28·0 | 36·0 | 28·0 | 59 | 31 | 58 | 16·5 | 13·8 | 16·3 | 1 | 4 | 1 | SSE | 3 | S | 3 | WSW | 1 | 0·0 | 8·0 |
| 23 | 25·7 | 23·1 | 24·4 | 35·0 | 20·8 | 27·0 | 35·0 | 27·0 | 63 | 37 | 66 | 16·6 | 15·4 | 17·5 | 2 | 4 | 1 | S | 3 | W | 6 | Calm | 0 | 0·0 | 9·1 |
| 24 | 25·6 | 22·3 | 24·2 | 38·0 | 19·5 | 27·5 | 37·5 | 27·0 | 60 | 25 | 56 | 16·3 | 11·9 | 14·8 | 1 | 5 | 1 | ENE | 3 | SE | 3 | Calm | 0 | 0·0 | 10·3 |
| 25 | 26·3 | 23·1 | 24·2 | 37·0 | 21·5 | 30·0 | 36·0 | 26·5 | 40 | 33 | 66 | 12·8 | 14·8 | 16·9 | 0 | 3 | 0 | Calm | 0 | SW | 3 | SSW | 1 | 0·0 | 10·5 |
| 26 | 25·5 | 24·3 | 26·0 | 34·0 | 20·5 | 29·0 | 31·8 | 23·2 | 31 | 51 | 81 | 9·4 | 17·8 | 17·0 | 2 | 4 | 0 | NE | 18 | SSW | 22 | SSW | 2 | 0·0 | 8·2 |
| 27 | 27·5 | 24·5 | 25·5 | 36·5 | 18·0 | 26·0 | 35·0 | 26·5 | 66 | 24 | 63 | 16·3 | 9·9 | 16·0 | 0 | 3 | 0 | WSW | 3 | SW | 6 | SSE | 1 | 0·0 | 7·3 |
| 28 | 27·8 | 24·8 | 25·4 | 34·3 | 18·0 | 26·0 | 34·0 | 24·2 | 69 | 16 | 25 | 17·2 | 6·4 | 5·7 | 0 | 1 | 0 | Calm | 0 | ENE | 3 | NE | 1 | 0·0 | 15·4 |
| 29 | 27·8 | 24·9 | 25·7 | 35·5 | 14·0 | 24·0 | 34·5 | 23·7 | 20 | 8 | 22 | 4·5 | 3·4 | 4·8 | 0 | 0 | 0 | NNE | 18 | NE | 22 | NE | 1 | 0·0 | 22·2 |
| 30 | 27·0 | 24·0 | 25·0 | 34·5 | 18·8 | 24·0 | 33·5 | 23·2 | 15 | 5 | 24 | 3·2 | 2·1 | 5·0 | 0 | 0 | 0 | NE | 22 | N | 9 | NNE | 1 | 0·0 | 19·0 |
| 31 | 26·7 | 23·9 | 25·0 | 34·0 | 14·5 | 22·0 | 33·2 | 24·0 | 23 | 14 | 20 | 4·7 | 5·3 | 4·5 | 4 | 0 | 0 | NE | 12 | ENE | 12 | NNW | 1 | 0·0 | 16·5 |
| Month | 25·97 | 23·42 | 25·02 | 34·6 | 19·8 | 25·8 | 33·7 | 25·3 | 66 | 36 | 68 | 16·3 | 13·8 | 16·3 | 3·2 | 3·8 | 3·9 | — | 5·9 | — | 6·6 | — | 1·3 | 78·3 | 8·10 |

**Remarks:—**

# KODOK.

$\varphi = 9° 53'$ N. $\lambda = 32° 8'$ E. H = 387·5 m. $h_t = 1·7$ m. $h_r = 1·4$ m.

$C_h$ = + 32 mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Velocity (km. per hour) or Force (0-10) 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27·2 | 24·1 | 25·0 | 35·6 | 15·6 | 23·2 | 34·5 | 25·0 | 29 | 12 | 40 | 6·0 | 5·3 | 9·5 | 2 | 1 | 1 | ENE | 9 | ENE | 6 | Calm | 0 | 0·0 | 13·8 |
| 2 | 27·6 | 24·5 | 25·1 | 35·0 | 16·7 | 24·6 | 34·5 | 25·5 | 29 | 14 | 26 | 6·6 | 6·0 | 6·3 | 0 | 0 | 0 | E | 9 | E | 6 | N | 1 | 0·0 | 15·9 |
| 3 | 27·3 | 24·3 | 25·0 | 35·4 | 14·5 | 24·5 | 35·0 | 25·2 | 24 | 12 | 33 | 5·5 | 5·0 | 7·9 | 0 | 0 | 0 | NE | 14 | ENE | 9 | Calm | 0 | 0·0 | 13·7 |
| 4 | 27·7 | 24·2 | 24·7 | 35·5 | 16·0 | 24·6 | 34·4 | 24·5 | 25 | 15 | 30 | 5·7 | 6·1 | 6·9 | 0 | 0 | 0 | NE | 9 | ENE | 14 | N | 1 | 0·0 | 18·6 |
| 5 | 26·9 | 24·3 | 25·5 | 35·2 | 16·0 | 24·5 | 34·5 | 24·0 | 17 | 8 | 20 | 3·9 | 3·1 | 4·5 | 0 | 3 | 0 | NE | 22 | ENE | 12 | N | 1 | 0·0 | 25·7 |
| 6 | 28·1 | 25·1 | 25·9 | 34·0 | 15·8 | 23·5 | 33·0 | 22·5 | 19 | 12 | 28 | 4·1 | 4·6 | 5·7 | 0 | 3 | 0 | NE | 27 | NE | 12 | N | 1 | 0·0 | 22·7 |
| 7 | 27·9 | 24·9 | 25·5 | 35·0 | 13·6 | 24·0 | 33·6 | 23·5 | 18 | 11 | 23 | 4·1 | 4·3 | 4·8 | 0 | 0 | 0 | NE | 22 | NE | 14 | N | 1 | 0·0 | 22·6 |
| 8 | 27·7 | 24·0 | 25·3 | 35·0 | 14·2 | 24·0 | 34·0 | 23·5 | 12 | 9 | 23 | 2·7 | 3·4 | 4·8 | 0 | 0 | 0 | NNE | 25 | NE | 12 | Calm | 0 | 0·0 | 19·6 |
| 9 | 27·6 | 23·5 | 25·3 | 36·5 | 14·2 | 24·5 | 35·6 | 26·0 | 18 | 4 | 21 | 4·2 | 1·6 | 5·3 | 0 | 0 | 0 | NE | 12 | NE | 9 | NNE | 1 | 0·0 | 18·0 |
| 10 | 26·5 | 22·7 | 23·4 | 36·8 | 15·6 | 26·5 | 36·5 | 25·9 | 12 | 10 | 30 | 3·0 | 4·4 | 7·2 | 0 | 2 | 1 | NNE | 25 | ENE | 12 | NNW | 1 | 0·0 | 22·8 |
| 11 | 26·3 | 22·8 | 23·1 | 36·3 | 17·6 | 25·8 | 35·5 | 27·5 | 22 | 16 | 25 | 5·4 | 7·0 | 6·9 | 0 | 0 | 0 | NE | 12 | ENE | 9 | ENE | 1 | 0·0 | 22·5 |
| 12 | 25·3 | 21·8 | 24·5 | 37·0 | 17·6 | 25·6 | 36·0 | 26·0 | 23 | 15 | 30 | 5·5 | 6·7 | 7·4 | 3 | 6 | 2 | NE | 9 | NNE | 12 | N | 1 | 0·0 | 22·2 |
| 13 | 25·5 | 23·0 | 24·3 | 36·5 | 18·0 | 27·2 | 35·3 | 26·2 | 24 | 17 | 32 | 6·4 | 7·2 | 8·0 | 4 | 6 | 7 | NNE | 18 | NE | 9 | N | 1 | 0·0 | 17·0 |
| 14 | 26·7 | 23·6 | 24·5 | 37·3 | 17·0 | 28·0 | 36·6 | 28·5 | 20 | 14 | 27 | 5·5 | 6·7 | 7·7 | 1 | 2 | 0 | NNE | 22 | E | 6 | Calm | 0 | 0·0 | 16·6 |
| 15 | 27·8 | 24·3 | 25·0 | 37·3 | 19·0 | 28·0 | 35·7 | 28·0 | 22 | 22 | 33 | 6·2 | 9·8 | 9·2 | 3 | 4 | 0 | NE | 9 | ENE | 3 | Calm | 0 | 0·0 | 14·5 |
| 16 | 27·4 | 24·4 | 24·7 | 37·5 | 20·0 | 27·0 | 36·0 | 27·5 | 46 | 17 | 25 | 12·4 | 7·6 | 6·9 | 2 | 3 | 0 | ENE | 3 | Calm | 0 | N | 1 | 0·0 | 13·5 |
| 17 | 27·2 | 24·0 | 24·0 | 36·7 | 19·0 | 28·2 | 36·0 | 27·0 | 43 | 14 | 43 | 12·4 | 6·2 | 11·4 | 0 | 0 | 0 | Calm | 0 | NE | 14 | Calm | 0 | 0·0 | 15·5 |
| 18 | 25·7 | 22·9 | 23·4 | 37·8 | 18·5 | 26·4 | 36·8 | 26·3 | 19 | 10 | 23 | 4·8 | 4·8 | 5·8 | 2 | 4 | 0 | NNE | 27 | NE | 14 | N | 1 | 0·0 | 20·9 |
| 19 | 25·4 | 22·3 | 23·0 | 37·5 | 16·6 | 25·0 | 37·0 | 28·4 | 26 | 12 | 21 | 6·0 | 5·7 | 6·0 | 0 | 0 | 0 | NE | 14 | NE | 14 | Calm | 0 | 0·0 | 16·0 |
| 20 | 25·8 | 22·8 | 23·5 | 37·2 | 18·5 | 27·5 | 37·0 | 25·6 | 25 | 13 | 26 | 6·9 | 6·2 | 6·3 | 0 | 0 | 0 | NE | 22 | ENE | 9 | N | 1 | 0·0 | 23·5 |
| 21 | 25·5 | 22·4 | 23·5 | 37·8 | 18·0 | 27·3 | 36·6 | 25·6 | 24 | 12 | 29 | 6·3 | 5·6 | 7·0 | 2 | 0 | 0 | NNE | 27 | NE | 14 | N | 1 | 0·0 | 23·3 |
| 22 | 25·9 | 22·4 | 23·4 | 37·0 | 18·4 | 26·0 | 36·5 | 26·0 | 24 | 11 | 24 | 6·0 | 4·8 | 6·0 | 0 | 0 | 0 | NE | 18 | NNE | 22 | N | 1 | 0·0 | 26·3 |
| 23 | 25·3 | 22·4 | 23·8 | 35·5 | 16·8 | 25·0 | 34·5 | 24·8 | 28 | 14 | 26 | 6·6 | 6·0 | 6·0 | 3 | 2 | 0 | NNE | 35 | NE | 14 | N | 1 | 0·0 | 27·5 |
| 24 | 27·4 | 23·7 | 24·6 | 35·5 | 16·0 | 24·0 | 33·0 | 25·5 | 19 | 14 | 19 | 4·2 | 5·4 | 4·5 | 1 | 2 | 0 | NE | 35 | NE | 14 | NNE | 2 | 0·0 | 28·3 |
| 25 | 26·6 | 23·2 | 24·4 | 33·8 | 16·2 | 22·6 | 32·5 | 25·0 | 15 | 12 | 16 | 3·1 | 4·2 | 3·9 | 0 | 0 | 0 | NNE | 35 | ENE | 12 | NE | 2 | 0·0 | 23·6 |
| 26 | 27·1 | 23·4 | 24·2 | 35·4 | 15·0 | 22·0 | 33·5 | 25·5 | 17 | 16 | 29 | 3·4 | 6·2 | 7·0 | 4 | 2 | 4 | NNE | 30 | NE | 9 | N | 1 | 0·0 | 18·2 |
| 27 | 26·1 | 22·9 | 23·4 | 36·5 | 17·5 | 25·5 | 35·0 | 25·0 | 26 | 17 | 34 | 6·3 | 7·4 | 8·0 | 4 | 6 | 0 | NNE | 24 | NE | 6 | NE | 1 | 0·0 | 16·9 |
| 28 | 26·0 | 24·1 | 22·6 | 36·2 | 18·0 | 24·6 | 35·6 | 26·5 | 27 | 14 | 31 | 6·1 | 6·2 | 7·9 | 3 | 1 | 0 | NE | 14 | ENE | 12 | N | 1 | 0·0 | 17·1 |
| 29 | 24·8 | 21·5 | 22·0 | 38·0 | 19·4 | 25·6 | 37·5 | 28·5 | 23 | 14 | 26 | 5·5 | 6·6 | 7·4 | 7 | 5 | 3 | NNE | 22 | E | 3 | ENE | 1 | 0·0 | 18·3 |
| 30 | 24·7 | 21·9 | 22·1 | 38·0 | 18·8 | 29·5 | 36·5 | 28·0 | 17 | 14 | 30 | 5·3 | 6·4 | 8·5 | 5 | 6 | 0 | NNE | 22 | NNE | 9 | Calm | 0 | 0·0 | 17·7 |
| Month | 26·57 | 23·38 | 24·16 | 36·3 | 16·9 | 25·5 | 35·3 | 25·9 | 23 | 13 | 27 | 5·7 | 5·7 | 6·8 | 1·5 | 1·9 | 0·6 | — | 19·1 | — | 10·4 | — | 0·8 | 0·0 | 19·76 |

**Remarks:—**

$C_h$ = + 32 mm.

## December 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Vel. | 14 h. Direct. | Vel. | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25·0 | 21·6 | 22·9 | 39·4 | 20·0 | 29·8 | 37·6 | 28·0 | 21 | 15 | 39 | 6·6 | 7·4 | 10·8 | 4 | 4 | 0 | NW | 2 | E | 3 | Calm | 0 | 0·0 | 11·5 |
| 2 | 24·7 | 22·3 | 22·6 | 40·2 | 19·4 | 27·5 | 39·5 | 28·9 | 37 | 13 | 35 | 10·2 | 7·1 | 10·3 | 4 | 6 | 4 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 13·0 |
| 3 | 24·5 | 21·8 | 22·5 | 40·0 | 18·0 | 27·0 | 38·0 | 29·6 | 30 | 11 | 23 | 8·0 | 5·5 | 7·0 | 4 | 3 | 0 | WNW | 3 | E | 3 | Calm | 0 | 0·0 | 16·5 |
| 4 | 25·1 | 23·3 | 24·9 | 37·2 | 21·0 | 27·6 | 36·5 | 25·5 | 26 | 10 | 25 | 7·2 | 4·4 | 6·0 | 2 | 5 | 0 | NNE | 25 | NE | 12 | NNE | 1 | 0·0 | 23·8 |
| 5 | 26·5 | 23·4 | 25·2 | 36·0 | 18·5 | 24·5 | 35·0 | 26·0 | 30 | 10 | 24 | 6·9 | 4·2 | 6·0 | 7 | 9 | 0 | NE | 14 | NNE | 22 | Calm | 0 | 0·0 | 18·4 |
| 6 | 26·0 | 22·9 | 24·3 | 36·0 | 18·6 | 26·0 | 34·5 | 25·5 | 27 | 17 | 32 | 6·7 | 6·8 | 7·7 | 3 | 3 | 0 | NNE | 32 | NNE | 14 | N | 1 | 0·0 | 26·0 |
| 7 | 26·3 | 23·2 | 24·9 | 34·5 | 21·0 | 25·3 | 33·5 | 24·5 | 15 | 13 | 27 | 3·7 | 5·1 | 6·2 | 4 | 0 | 0 | NE | 30 | NNE | 18 | NE | 1 | 0·0 | 27·3 |
| 8 | 26·5 | 23·0 | 24·5 | 33·5 | 17·4 | 23·0 | 33·0 | 23·5 | 9 | 6 | 21 | 1·8 | 2·4 | 4·5 | 1 | 0 | 0 | NE | 22 | NNE | 14 | N | 1 | 0·0 | 24·5 |
| 9 | 25·9 | 22·7 | 23·9 | 34·9 | 16·2 | 22·5 | 33·9 | 25·0 | 14 | 7 | 19 | 2·8 | 2·6 | 4·5 | 4 | 8 | 5 | NNE | 25 | NNE | 14 | NNE | 1 | 0·0 | 24·1 |
| 10 | 25·1 | 21·8 | 23·4 | 36·8 | 18·3 | 24·2 | 36·0 | 25·0 | 11 | 5 | 16 | 2·6 | 2·1 | 3·9 | 4 | 0 | 0 | NE | 18 | NE | 12 | N | 1 | 0·0 | 27·3 |
| 11 | 26·5 | 23·3 | 25·0 | 36·3 | 16·5 | 23·2 | 35·5 | 25·5 | 11 | 7 | 16 | 2·4 | 3·1 | 3·8 | 6 | 8 | 0 | NNE | 18 | NE | 12 | NNE | 1 | 0·0 | 19·2 |
| 12 | 27·4 | 24·4 | 26·0 | 34·1 | 15·6 | 23·0 | 33·0 | 23·2 | 9 | 10 | 24 | 2·0 | 3·9 | 5·0 | 0 | 7 | 1 | NNE | 9 | NE | 6 | N | 1 | 0·0 | 22·7 |
| 13 | 27·5 | 24·2 | 25·1 | 35·6 | 17·0 | 24·0 | 34·5 | 25·0 | 9 | 11 | 20 | 2·1 | 4·5 | 4·7 | 3 | 4 | 4 | NE | 14 | N | 3 | Calm | 0 | 0·0 | 23·5 |
| 14 | 26·7 | 23·5 | 24·5 | 35·4 | 15·8 | 23·7 | 35·0 | 26·0 | 9 | 9 | 15 | 2·0 | 3·7 | 3·5 | 0 | 0 | 0 | NE | 30 | NNE | 14 | N | 1 | 0·0 | 29·0 |
| 15 | 27·4 | 24·4 | 25·7 | 33·5 | 16·2 | 22·5 | 32·5 | 25·0 | 7 | 13 | 14 | 1·5 | 4·6 | 3·2 | 0 | 5 | 0 | NNE | 22 | NNE | 18 | NE | 1 | 0·0 | 27·3 |
| 16 | 27·9 | 24·8 | 27·0 | 32·2 | 14·5 | 21·0 | 32·0 | 21·5 | 14 | 8 | 18 | 2·5 | 3·0 | 3·4 | 0 | 0 | 0 | NNE | 30 | NNE | 14 | N | 1 | 0·0 | 31·1 |
| 17 | 29·9 | 26·7 | 28·2 | 29·6 | 15·0 | 19·0 | 29·2 | 21·2 | 14 | 9 | 16 | 2·2 | 2·6 | 3·0 | 0 | 0 | 0 | NNE | 32 | NNE | 14 | NNE | 2 | 0·0 | 28·7 |
| 18 | 29·3 | 26·0 | 26·7 | 30·0 | 12·5 | 18·2 | 29·2 | 22·5 | 15 | 6 | 7 | 2·4 | 1·9 | 1·5 | 0 | 0 | 0 | NNE | 30 | N | 18 | NNE | 3 | 0·0 | 30·9 |
| 19 | 28·1 | 25·1 | 26·5 | 32·0 | 13·5 | 19·6 | 31·2 | 22·3 | 10 | 12 | 21 | 1·7 | 4·3 | 4·2 | 0 | 0 | 0 | NNE | 30 | NNE | 9 | NNE | 1 | 0·0 | 26·7 |
| 20 | 28·4 | 25·6 | 27·5 | 32·0 | 16·2 | 21·0 | 31·5 | 22·7 | 18 | 10 | 20 | 3·4 | 3·5 | 4·2 | 0 | 0 | 0 | NNE | 32 | NNE | 22 | NNE | 1 | 0·0 | 27·0 |
| 21 | 29·7 | 26·2 | 28·1 | 31·5 | 14·6 | 20·5 | 30·5 | 21·0 | 19 | 12 | 20 | 3·4 | 3·9 | 3·7 | 0 | 0 | 0 | NNE | 32 | NNE | 22 | NNE | 1 | 0·0 | 26·1 |
| 22 | 29·6 | 26·1 | 27·9 | 31·3 | 14·5 | 20·6 | 30·8 | 23·5 | 14 | 9 | 13 | 2·5 | 3·0 | 2·9 | 4 | 0 | 0 | NNE | 32 | NNE | 22 | NNE | 2 | 0·0 | 30·8 |
| 23 | 30·1 | 27·0 | 28·9 | 30·0 | 16·3 | 19·5 | 29·0 | 22·5 | 21 | 14 | 15 | 3·4 | 4·2 | 3·1 | 0 | 0 | 0 | NNE | 32 | NNE | 22 | NNE | 3 | 0·0 | 31·1 |
| 24 | 30·7 | 27·5 | 28·3 | 31·0 | 16·4 | 19·2 | 30·0 | 22·5 | 11 | 11 | 14 | 1·7 | 3·6 | 2·8 | 0 | 0 | 0 | NNE | 30 | NNE | 18 | NNE | 1 | 0·0 | 31·0 |
| 25 | 29·6 | 25·7 | 28·1 | 33·8 | 16·7 | 21·0 | 32·4 | 23·2 | 17 | 8 | 17 | 3·1 | 3·1 | 3·7 | 0 | 0 | 0 | NNE | 25 | NNE | 14 | NNE | 1 | 0·0 | 28·4 |
| 26 | 29·1 | 25·7 | 26·6 | 34·0 | 16·2 | 21·5 | 33·0 | 24·0 | 16 | 8 | 15 | 3·1 | 3·1 | 3·2 | 0 | 2 | 0 | NNE | 22 | NNE | 12 | NNE | 1 | 0·0 | 29.3 |
| 27 | 28·0 | 24·6 | 25·9 | 34·6 | 18·0 | 22·6 | 33·8 | 24·0 | 23 | 11 | 29 | 4·7 | 4·4 | 6·5 | 0 | 0 | 0 | NNE | 27 | NNE | 12 | N | 1 | 0·0 | 22·4 |
| 28 | 26·9 | 24·0 | 24·8 | 35·0 | 16·2 | 23·5 | 34·5 | 25·7 | 27 | 14 | 30 | 5·9 | 6·0 | 7·2 | 5 | 0 | 0 | NE | 22 | NE | 9 | Calm | 0 | 0·0 | 21·0 |
| 29 | 26·4 | 23·9 | 25·1 | 35·5 | 16·4 | 25·2 | 33·8 | 26·0 | 27 | 11 | 26 | 6·5 | 4·2 | 6·3 | 0 | 6 | 0 | NNE | 14 | NE | 14 | Calm | 0 | 0·0 | 21·5 |
| 30 | 26·8 | 23·8 | 25·0 | 37·5 | 17·7 | 26·0 | 36·6 | 26·5 | 30 | 9 | 22 | 7·4 | 4·0 | 5·7 | 7 | 5 | 0 | N | 18 | NE | 9 | N | 1 | 0·0 | 22·0 |
| 31 | 27·4 | 24·8 | 25·3 | 37·6 | 19·5 | 27·0 | 36·9 | 28·5 | 23 | 12 | 24 | 6·1 | 5·4 | 6·6 | 6 | 6 | 4 | NNE | 22 | ENE | 9 | NE | 1 | 0·0 | 18·6 |
| Month | 27·39 | 24·30 | 25·65 | 34·5 | 16·9 | 23·2 | 33·6 | 24·6 | 18 | 10 | 21 | 4·1 | 4·1 | 5·0 | 2·2 | 2·6 | 0·8 | — | 22·4 | — | 13·1 | — | 1·0 | 0·0 | 24·58 |

**Remarks:—**

# WAU.

$\varphi = 7° 42'$ N. $\lambda = 28° 3'$ E. H = 440·0 m. $h_t = 1·2$ m. $h_r = 1·3$ m.

$C_h = +37$ mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23·4 | 19·4 | 21·0 | 32·0 | 18·0 | 18·5 | 32·0 | 25·0 | 50 | 4 | 19 | 7·8 | 1·6 | 4·5 | 2 | 2 | 2 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 9·5 |
| 2 | 22·7 | 20·3 | 21·7 | 33·0 | 15·0 | 21·0 | 32·0 | 24·0 | 14 | 6 | 20 | 2·5 | 2·3 | 4·5 | 2 | 2 | 2 | NNE | 6 | NE | 4 | NE | 2 | 0·0 | 8·5 |
| 3 | 23·5 | 20·6 | 21·1 | 32·0 | 15·5 | 19·0 | 32·0 | 24·0 | 30 | 6 | 26 | 4·9 | 2·3 | 5·8 | 2 | 2 | 2 | NE | 4 | NE | 3 | NE | 2 | 0·0 | 9·0 |
| 4 | 22·3 | 18·2 | 20·8 | 33·0 | 15·5 | 19·5 | 33·0 | 25·0 | 31 | 4 | 19 | 5·3 | 1·7 | 4·5 | 7 | 3 | 2 | NE | 5 | NE | 4 | NE | 3 | 0·0 | 8·5 |
| 5 | 21·5 | 17·9 | 20·3 | 35·0 | 15·5 | 22·5 | 34·0 | 28·0 | 14 | 13 | 27 | 2·8 | 5·6 | 7·7 | 2 | 2 | 2 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 9·5 |
| 6 | 21·5 | 19·0 | 21·4 | 35·0 | 18·5 | 21·5 | 34·5 | 24·0 | 46 | 12 | 39 | 8·7 | 5·3 | 8·7 | 2 | 2 | 2 | SE | 3 | SE | 2 | SE | 2 | 0·0 | 9·5 |
| 7 | 21·9 | 18·6 | 20·3 | 37·0 | 20·0 | 22·5 | 34·5 | 28·0 | 55 | 12 | 27 | 11·1 | 5·3 | 7·7 | 2 | 2 | 2 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 9·5 |
| 8 | 21·8 | 18·3 | 19·8 | 38·0 | 20·0 | 23·0 | 37·0 | 28·0 | 48 | 8 | 27 | 10·0 | 3·7 | 7·7 | 2 | 1 | 2 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 10·5 |
| 9 | 22·1 | 18·5 | 19·8 | 35·0 | 18·0 | 22·0 | 34·0 | 27·0 | 36 | 13 | 15 | 7·0 | 5·6 | 4·0 | 1 | 1 | 2 | SE | 3 | ESE | 2 | SE | 2 | 0·0 | 9·5 |
| 10 | 23·6 | 18·9 | 20·2 | 35·0 | 19·5 | 20·0 | 34·0 | 27·0 | 47 | 13 | 26 | 8·3 | 5·6 | 6·8 | 1 | 1 | 2 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 9·0 |
| 11 | 21·4 | 17·4 | 19·5 | 37·0 | 19·5 | 22·0 | 36·5 | 28·0 | 36 | 9 | 27 | 7·0 | 4·0 | 7·7 | 1 | 1 | 2 | ESE | 2 | SE | 2 | SE | 2 | 0·0 | 9·5 |
| 12 | 21·5 | 17·7 | 19·1 | 37·0 | 19·0 | 19·5 | 36·0 | 25·0 | 47 | 10 | 40 | 7·9 | 4·4 | 9·5 | 3 | 2 | 2 | SE | 3 | SSE | 2 | SSE | 2 | 0·0 | 9·0 |
| 13 | 23·4 | 19·4 | 20·8 | 37·0 | 19·5 | 20·5 | 36·0 | 29·0 | 48 | 6 | 14 | 8·6 | 2·8 | 4·2 | 2 | 2 | 2 | SW | 2 | SSE | 2 | SE | 2 | 0·0 | 9·5 |
| 14 | 22·2 | 19·2 | 20·3 | 36·5 | 20·0 | — | 35·0 | 28·0 | — | 12 | 27 | — | 5·0 | 7·7 | 2 | 2 | 2 | SW | 2 | ESE | 2 | ESE | 2 | 0·0 | 9·5 |
| 15 | 21·9 | 19·1 | 20·6 | 37·0 | — | 22·0 | 36·0 | 29·0 | 62 | 6 | 21 | 12·1 | 2·8 | 6·3 | 2 | 2 | 2 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 9·5 |
| 16 | 22·4 | 19·2 | 20·4 | 38·0 | 19·0 | 21·0 | 37·5 | 28·0 | 65 | 7 | 22 | 12·0 | 3·4 | 6·2 | 2 | 2 | 2 | ESE | 2 | NE | 2 | NE | 2 | 0·0 | 9·5 |
| 17 | 23·4 | 18·7 | 19·7 | 38·5 | 16·0 | 22·0 | 37·0 | 25·0 | 16 | 0 | 11 | 3·1 | 0·1 | 2·0 | 1 | 1 | 2 | NE | 6 | NE | 3 | NE | 2 | 0·0 | 12·5 |
| 18 | 24·1 | 21·2 | 21·7 | 30·0 | 16·0 | 20·0 | 29·0 | 24·0 | 21 | 7 | 15 | 3·7 | 2·0 | 3·2 | 1 | 1 | 1 | NE | 7 | NE | 4 | NE | 2 | 0·0 | 13·5 |
| 19 | 24·8 | 21·1 | 22·1 | 30·0 | 15·5 | 19·0 | 29·0 | 21·0 | 26 | 5 | 27 | 4·3 | 1·4 | 5·0 | 2 | 2 | 2 | NE | 7 | NE | 5 | NE | 4 | 0·0 | 17·5 |
| 20 | 23·5 | 19·9 | 21·2 | 33·0 | 15·0 | 18·0 | 32·0 | 22·5 | 20 | 6 | 27 | 3·1 | 2·3 | 5·4 | 2 | 2 | 2 | NE | 5 | NE | 2 | NE | 3 | 0·0 | 13·5 |
| 21 | 21·5 | 19·3 | 20·9 | 33·0 | 17·0 | 18·5 | 32·0 | 24·0 | 46 | 13 | 26 | 7·2 | 4·5 | 5·8 | 1 | 1 | 1 | NE | 4 | NE | 3 | NE | 2 | 0·0 | 13·7 |
| 22 | 22·4 | 19·2 | 20·7 | 36·5 | 18·0 | 21·0 | 35·0 | 24·5 | 38 | 1 | 36 | 7·0 | 0·5 | 8·3 | 1 | 2 | 1 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 12·5 |
| 23 | 22·9 | 19·2 | 20·8 | 36·5 | 18·0 | 22·0 | 36·0 | 26·5 | 36 | 6 | 28 | 7·0 | 2·8 | 7·1 | 2 | 2 | 2 | NNE | 3 | NE | 2 | NE | 2 | 0·0 | 11·5 |
| 24 | 22·7 | 17·9 | 19·6 | 37·0 | 19·0 | 24·0 | 37·0 | 26·0 | 33 | 5 | 33 | 7·2 | 2·2 | 8·2 | 2 | 2 | 2 | NE | 6 | NE | 2 | NE | 5 | 0·0 | 18·0 |
| 25 | 21·9 | 18·2 | 19·6 | 37·0 | 19·0 | 24·5 | 36·0 | 27·5 | 21 | 20 | 30 | 4·8 | 9·3 | 8·0 | 2 | 1 | 1 | NE | 4 | ENE | 4 | NE | 2 | 0·0 | 17·4 |
| 26 | 21·6 | 18·6 | 19·7 | 37·0 | 18·0 | 22·0 | 35·0 | 27·5 | 39 | 8 | 24 | 7·7 | 3·4 | 6·5 | 1 | 2 | 1 | NE | 3 | NE | 3 | NE | 2 | 0·0 | 15·5 |
| 27 | 20·9 | 18·8 | 20·4 | 37·0 | 18·5 | 21·0 | 34·0 | 27·0 | 30 | 16 | 31 | 5·6 | 6·4 | 8·3 | 2 | 2 | 2 | NE | 3 | ESE | 4 | NE | 2 | 0·0 | 13·5 |
| 28 | 21·4 | 18·5 | 19·8 | 37·0 | 17·5 | 23·0 | 36·0 | 28·0 | 31 | 12 | 22 | 6·4 | 5·1 | 6·2 | 3 | 3 | 2 | NE | 2 | ENE | 2 | NE | 2 | 0·0 | 15·7 |
| 29 | 21·8 | 18·3 | 19·9 | 35·5 | 20·0 | 22·7 | 34·0 | 28·0 | 23 | 13 | 22 | 4·6 | 5·6 | 6·2 | 3 | 2 | 2 | NE | 4 | ESE | 3 | NE | 2 | 0·0 | 13·0 |
| 30 | 21·3 | 18·3 | 20·4 | 35·0 | 18·5 | 21·0 | 33·5 | 28·0 | 30 | 13 | 22 | 5·6 | 5·1 | 6·2 | 3 | 3 | 4 | NE | 2 | NE | 3 | NE | 2 | 0·0 | 12·5 |
| 31 | 21·5 | 18·7 | 20·3 | 36·0 | 19·0 | 21·0 | 35·0 | 27·0 | 34 | 12 | 26 | 6·3 | 5·0 | 6·8 | 4 | 2 | 2 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 12·5 |
| Month | 22·33 | 18·94 | 20·45 | 35·4 | 17·9 | 21·1 | 34·3 | 26·2 | 36 | 9 | 25 | 6·7 | 3·8 | 6·4 | 2·1 | 1·8 | 1·9 | — | 3·5 | — | 2·6 | — | 2·2 | 0·0 | 11·69 |

**Remarks:—**

$C_h = +37$ mm.

## February 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·2 | 18·4 | 19·5 | 36·5 | 18·5 | 23·0 | 35·5 | 28·0 | 41 | 11 | 24 | 8·6 | 4·7 | 7·0 | 3 | 2 | 2 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 13·5 |
| 2 | 21·4 | 18·9 | 20·7 | 36·5 | 18·5 | 23·0 | 35·5 | 27·5 | 21 | 11 | 21 | 4·4 | 4·7 | 5·8 | 2 | 2 | 2 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 15·5 |
| 3 | 21·0 | 18·1 | 19·7 | 35·0 | 18·5 | 23·0 | 34·5 | 26·0 | 15 | 6 | 21 | 3·2 | 2·2 | 5·3 | 2 | 2 | 2 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 13·5 |
| 4 | 20·7 | 19·1 | 20·3 | 36·5 | 19·0 | 22·5 | 35·0 | 28·0 | 23 | 14 | 30 | 4·7 | 5·8 | 8·5 | 4 | 2 | 2 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 12·0 |
| 5 | 20·9 | 18·7 | 20·2 | 36·5 | 20·0 | 24·0 | 35·0 | 27·0 | 46 | 14 | 23 | 10·1 | 5·8 | 6·1 | 4 | 3 | 4 | NE | 3 | ESE | 2 | ESE | 2 | 0·0 | 10·0 |
| 6 | 21·7 | 18·6 | 19·8 | 33·0 | 19·5 | 21·5 | 32·0 | 27·0 | 35 | 13 | 18 | 6·7 | 4·5 | 4·7 | 7 | 5 | 4 | NE | 2 | NE | 2 | NE | 2 | Drops | 12·5 |
| 7 | 21·4 | 19·9 | 21·0 | 34·0 | 18·0 | 24·0 | 33·0 | 28·0 | 15 | 8 | 20 | 3·2 | 3·1 | 5·5 | 4 | 3 | 3 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 12·0 |
| 8 | 21·5 | 18·7 | 19·8 | 35·5 | 16·0 | 21·5 | 34·5 | 27·0 | 28 | 6 | 20 | 5·3 | 2·2 | 5·4 | 2 | 2 | 2 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 13·0 |
| 9 | 22·4 | 19·1 | 20·6 | 36·5 | 18·5 | 23·5 | 35·0 | 28·0 | 29 | 6 | 17 | 6·1 | 2·7 | 4·8 | 2 | 2 | 2 | NE | 3 | NE | 3 | NE | 2 | 0·0 | 10·0 |
| 10 | 21·2 | 17·7 | 18·5 | 36·5 | 18·0 | 23·5 | 36·0 | 29·0 | 29 | 8 | 24 | 6·1 | 3·6 | 7·1 | 2 | 2 | 2 | ESE | 3 | NE | 2 | SE | 2 | 0·0 | 15·0 |
| 11 | 20·8 | 18·0 | 18·4 | 37·0 | 20·0 | 26·0 | 36·0 | 29·0 | 36 | 10 | 24 | 8·9 | 4·4 | 7·1 | 5 | 3 | 2 | ESE | 3 | ESE | 2 | ESE | 2 | 0·0 | 12·5 |
| 12 | 19·3 | 18·1 | 19·2 | 34·5 | 21·5 | 26·0 | 33·5 | 29·0 | 33 | 13 | 24 | 8·2 | 5·1 | 7·1 | 4 | 3 | 3 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 10·0 |
| 13 | 19·0 | 17·5 | 18·6 | 37·5 | 18·5 | 23·0 | 36·5 | 30·0 | 44 | 11 | 21 | 9·2 | 4·8 | 6·5 | 3 | 2 | 2 | SE | 2 | SE | 2 | SSE | 2 | Drops | 10·0 |
| 14 | 19·3 | 17·7 | 18·5 | 36·5 | 22·0 | 28·5 | 36·5 | 30·0 | 49 | 25 | 36 | 13·9 | 11·6 | 11·2 | 3 | 6 | 4 | SW | 3 | SE | 3 | SW | 2 | 0·0 | 11·0 |
| 15 | 16·6 | 17·3 | 18·7 | 37·0 | 22·0 | 28·0 | 36·5 | 28·0 | 54 | 28 | 44 | 15·1 | 12·6 | 12·5 | 3 | 5 | 6 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 8·0 |
| 16 | 20·0 | 17·9 | 17·9 | 37·5 | 20·0 | 26·0 | 36·0 | 31·5 | 66 | 23 | 27 | 16·3 | 10·1 | 9·5 | 6 | 3 | 4 | SE | 2 | NE | 2 | NE | 2 | 0·0 | 12·0 |
| 17 | 20·6 | 18·3 | 18·1 | 38·5 | 22·5 | 27·5 | 36·5 | 31·0 | 38 | 19 | 22 | 10·3 | 8·9 | 7·4 | 4 | 5 | 3 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 12·5 |
| 18 | 19·1 | 16·9 | 18·4 | 37·0 | 23·0 | 26·0 | 36·5 | 31·0 | 55 | 21 | 34 | 13·7 | 9·8 | 11·5 | 4 | 3 | 2 | SE | 2 | SE | 2 | NE | 2 | 0·0 | 15·0 |
| 19 | 20·2 | 18·4 | 17·7 | 37·5 | 21·0 | 24·0 | 36·5 | 28·5 | 33 | 6 | 20 | 7·2 | 2·5 | 5·9 | 4 | 3 | 2 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 15·5 |
| 20 | 21·8 | 19·8 | 19·8 | 34·0 | 20·0 | 23·0 | 33·5 | 28·0 | 21 | 2 | 12 | 4·4 | 0·7 | 3·4 | 2 | 2 | 2 | NE | 3 | SE | 2 | SE | 2 | 0·0 | 12·2 |
| 21 | 22·1 | 19·4 | 20·3 | 35·0 | 17·0 | 21·0 | 33·5 | 28·0 | 20 | 4 | 12 | 3·7 | 1·4 | 3·4 | 2 | 2 | 2 | SW | 2 | ESE | 2 | NE | 2 | 0·0 | 12·4 |
| 22 | 22·4 | 19·0 | 21·4 | 36·0 | 18·0 | 22·0 | 35·5 | 27·0 | 36 | 5 | 20 | 7·0 | 2·4 | 5·4 | 3 | 2 | 4 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 10·3 |
| 23 | 21·1 | 17·8 | 19·8 | 38·0 | 18·5 | 28·0 | 37·5 | 26·0 | 22 | 4 | 30 | 6·2 | 1·9 | 7·4 | 3 | 3 | 3 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 12·2 |
| 24 | 21·9 | 18·4 | 20·1 | 39·5 | 20·0 | 24·0 | 38·5 | 30·0 | 57 | 15 | 36 | 12·5 | 7·7 | 11·2 | 3 | 4 | 3 | SE | 3 | SE | 4 | SE | 2 | 0·0 | 12·5 |
| 25 | 21·7 | 17·7 | 19·2 | 39·5 | 20·0 | 25·0 | 39·0 | 32·0 | 51 | 17 | 33 | 11·9 | 9·2 | 11·7 | 4 | 3 | 2 | SE | 3 | SE | 2 | SE | 2 | 0·0 | 9·4 |
| 26 | 20·9 | 18·2 | 20·3 | 38·0 | 19·5 | 22·5 | 37·5 | 28·0 | 66 | 17 | 33 | 13·4 | 8·3 | 9·2 | 8 | 4 | 3 | SE | 4 | SE | 3 | SE | 3 | 0·0 | 12·0 |
| 27 | 21·7 | 19·3 | 19·0 | 37·0 | 20·5 | 25·0 | 36·5 | 29·0 | 47 | 19 | 19 | 11·1 | 8·9 | 5·6 | 4 | 3 | 2 | SE | 3 | SE | 4 | SE | 3 | 0·0 | 11·5 |
| 28 | 21·8 | 18·5 | 20·2 | 37·0 | 15·0 | 23·0 | 36·5 | 29·0 | 34 | 2 | 16 | 7·1 | 1·0 | 4·9 | 3 | 3 | 2 | ESE | 3 | NW | 3 | NE | 2 | 0·0 | 15·2 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| Month | 20·95 | 18·41 | 19·49 | 36·6 | 19·4 | 24·2 | 35·7 | 28·6 | 37 | 12 | 24 | 8·5 | 5·4 | 7·2 | 3·6 | 3·0 | 2·7 | — | 2·6 | — | 2·3 | — | 2·1 | Drops | 12·19 |

**Remarks:—**

# WAU.

$\varphi = 7° 42'$ N. $\lambda = 28° 3'$ E. H = 440·0 m. $h_t = 1·2$ m. $h_r = 1·3$ m.

$C_h$ = + 37 mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·2 | 18·9 | 19·2 | 39·0 | 15·0 | 22·5 | 38·5 | 30·0 | 27 | 0 | 7 | 5·4 | 0·1 | 2·1 | 3 | 2 | 2 | NE | 4 | ENE | 2 | SE | 3 | 0·0 | 10.4 |
| 2 | 21·2 | 18·0 | 19·4 | 40·5 | 16·0 | 22·0 | 40·0 | 29·0 | 36 | 0 | 9 | 7·0 | 0·1 | 2·7 | 3 | 2 | 2 | SE | 3 | NW | 2 | NE | 3 | 0·0 | 10·5 |
| 3 | 20·7 | 17·7 | 19·2 | 39·5 | 18·0 | 26·0 | 39·0 | 30·0 | 21 | 0 | 21 | 5·3 | 0·1 | 6·5 | 3 | 3 | 2 | SW | 3 | SE | 2 | SE | 3 | 0·0 | 12·4 |
| 4 | 20·4 | 17·9 | 20·1 | 37·0 | 20·0 | 27·0 | 36·5 | 28·5 | 26 | 7 | 20 | 6·8 | 3·3 | 5·9 | 3 | 2 | 3 | SW | 3 | SE | 2 | SE | 3 | 0·0 | 12·6 |
| 5 | 21·0 | 18·4 | 19·8 | 33·5 | 20·0 | 24·0 | 33·0 | 28·0 | 26 | 8 | 17 | 5·8 | 3·1 | 4·8 | 3 | 5 | 4 | NW | 3 | NW | 4 | NE | 2 | 0·0 | 13·2 |
| 6 | 21·2 | 19·4 | 20·5 | 32·0 | 20·0 | 23·0 | 31·5 | 26·0 | 31 | 12 | 24 | 6·4 | 4·1 | 6·0 | 5 | 4 | 3 | SE | 3 | ESE | 2 | NE | 3 | 0·0 | 13.4 |
| 7 | 24·1 | 20·1 | 20·1 | 31·0 | 17·5 | 21·0 | 30·5 | 25·0 | 10 | 4 | 11 | 1·8 | 1·1 | 2·6 | 4 | 2 | 2 | NE | 6 | NE | 3 | NE | 3 | 0·0 | 14·6 |
| 8 | 23·5 | 19·8 | 20·9 | 31·0 | 15·0 | 21·5 | 30·0 | 25·0 | 25 | 7 | 19 | 4·7 | 2·1 | 4·5 | 3 | 2 | 2 | NE | 6 | NE | 4 | NE | 3 | 0·0 | 14·7 |
| 9 | 22·1 | 19·9 | 20·7 | 33·0 | 14·0 | 20·0 | 32·0 | 24·0 | 14 | 0 | 15 | 2·5 | 0·1 | 3·2 | 2 | 3 | 2 | NE | 4 | NE | 4 | NE | 3 | 0·0 | 14·5 |
| 10 | 22·1 | 20·4 | 20·3 | 33·0 | 12·0 | 21·5 | 32·5 | 26·0 | 15 | 0 | 19 | 2·8 | 0·1 | 4·6 | 3 | 2 | 2 | NE | 3 | NE | 2 | NE | 3 | 0·0 | 14·8 |
| 11 | 22·1 | 18·8 | 20·4 | 37·0 | 15·5 | 22·0 | 36·5 | 28·0 | 36 | 1 | 12 | 7·0 | 0·3 | 3·4 | 1 | 1 | 2 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 14·7 |
| 12 | 21·3 | 18·8 | 20·6 | 37·0 | 15·0 | 22·0 | 36·5 | 25·0 | 36 | 6 | 28 | 7·0 | 2·5 | 6·6 | 3 | 2 | 3 | NE | 2 | NE | 5 | NE | 3 | 0·0 | 14·2 |
| 13 | 23·0 | 19·4 | 20·8 | 38·0 | 19·0 | 25·0 | 37·0 | 25·0 | 22 | 2 | 28 | 5·2 | 0·7 | 6·6 | 2 | 4 | 2 | ENE | 3 | NE | 5 | NE | 3 | 0·0 | 14·7 |
| 14 | 22·0 | 18·2 | 20·0 | 34·0 | 18·0 | 23·0 | 33·5 | 24·5 | 34 | 4 | 18 | 7·1 | 1·4 | 4·2 | 3 | 2 | 2 | NE | 5 | NE | 4 | NE | 3 | 0·0 | 14·8 |
| 15 | 21·7 | 18·1 | 20·0 | 35·5 | 16·0 | 21·0 | 35·0 | 24·0 | 23 | 0 | 15 | 4·4 | 0·0 | 3·2 | 1 | 1 | 2 | NE | 4 | NE | 3 | NE | 2 | 0·0 | 15·2 |
| 16 | 21·3 | 18·2 | 19·2 | 37·0 | 17·0 | 22·0 | 36·4 | 26·0 | 25 | 0 | 13 | 5·0 | 0·0 | 3·3 | 2 | 2 | 2 | NE | 4 | NE | 3 | NE | 2 | 0·0 | 14·7 |
| 17 | 20·8 | 17·9 | 19·6 | 38·5 | 17·5 | 23·5 | 38·0 | 27·0 | 23 | 0 | 5 | 4·8 | 0·1 | 1·3 | 2 | 2 | 2 | NE | 5 | NE | 3 | NE | 2 | 0·0 | 14·4 |
| 18 | 19·7 | 17·8 | 18·8 | 40·5 | 17·5 | 23·0 | 40·0 | 27·0 | 38 | 0 | 15 | 7·8 | 0·1 | 4·0 | 2 | 3 | 2 | NE | 2 | NE | 2 | NE | 2 | Drops | 14·5 |
| 19 | 19·2 | 17·7 | 19·8 | 39·5 | 22·0 | 27·0 | 38·6 | 25·0 | 20 | 0 | 22 | 5·4 | 0·0 | 5·2 | 6 | 3 | 4 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 16·4 |
| 20 | 19·7 | 17·6 | 19·2 | 38·0 | 21·0 | 25·0 | 37·5 | 26·0 | 14 | 0 | 19 | 3·2 | 0·3 | 4·6 | 2 | 3 | 4 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 16·0 |
| 21 | 20·5 | 18·0 | 19·8 | 36·5 | 21·0 | 26·5 | 35·0 | 28·5 | 14 | 6 | 10 | 3·6 | 2·7 | 3·0 | 4 | 3 | 4 | NE | 3 | ENE | 2 | NE | 2 | 0·0 | 15·8 |
| 22 | 21·8 | 18·6 | 21·3 | 38·0 | 22·0 | 26·0 | 37·5 | 28·0 | 2 | 0 | 2 | 0·6 | 0·1 | 0·7 | 7 | 3 | 2 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 15·7 |
| 23 | 21·1 | 17·9 | 20·4 | 37·0 | 22·0 | 26·0 | 35·5 | 29·5 | 13 | 2 | 8 | 3·3 | 0·9 | 2·4 | 3 | 2 | 2 | NE | 2 | ENE | 2 | ENE | 2 | 0·0 | 14·8 |
| 24 | 19·2 | 17·5 | 18·6 | 39·0 | 17·0 | 26·0 | 37·5 | 29·5 | 2 | 6 | 8 | 0·6 | 2·7 | 2·4 | 2 | 2 | 2 | ENE | 3 | SE | 2 | SE | 2 | 0·0 | 14·0 |
| 25 | 20·4 | 18·6 | 20·0 | 32·5 | 20·0 | 25·0 | 30·5 | 28·0 | 25 | 36 | 44 | 5·9 | 11·8 | 12·5 | 6 | 6 | 4 | SE | 2 | SE | 2 | ESE | 2 | 0·0 | 8·0 |
| 26 | 22·1 | 18·8 | 19·3 | 37·0 | 24·0 | 26·5 | 36·5 | 28·0 | 59 | 23 | 51 | 15·1 | 10·7 | 14·2 | 3 | 3 | 2 | SW | 4 | SW | 3 | SW | 2 | 0·0 | 9·0 |
| 27 | 22·1 | 18·6 | 20·1 | 37·0 | 22·0 | 22·5 | 36·0 | 28·0 | 87 | 25 | 51 | 17·6 | 11·0 | 14·2 | 4 | 4 | 3 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 9·5 |
| 28 | 20·2 | 18·6 | 20·1 | 39·0 | 23·0 | 29·0 | 39·0 | 29·5 | 49 | 21 | 43 | 14·5 | 11·0 | 13·3 | 3 | 4 | 3 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 9·0 |
| 29 | 20·6 | 18·6 | 20·4 | 37·0 | 24·0 | 27·0 | 36·5 | 28·0 | 63 | 32 | 57 | 16·6 | 14·5 | 16·0 | 5 | 4 | 3 | SW | 2 | SW | 3 | SW | 2 | 0·0 | 9·0 |
| 30 | 21·2 | 18·6 | 20·2 | 36·0 | 24·0 | 26·5 | 35·0 | 28·0 | 66 | 35 | 51 | 16·9 | 14·4 | 14·2 | 4 | 6 | 6 | SW | 2 | SW | 7 | NE | 3 | Drops | 8·0 |
| 31 | 21·3 | 18·9 | 20·7 | 37·0 | 23·0 | 27·5 | 35·5 | 24·0 | 63 | 35 | 75 | 17·2 | 15·1 | 16·6 | 4 | 5 | 7 | SW | 4 | SW | 3 | SW | 5 | 15·5 | 6·5 |
| Month | 21·25 | 18·55 | 19·98 | 36·5 | 19·0 | 24·2 | 35.7 | 27·0 | 30 | 9 | 24 | 7·0 | 3·7 | 6·3 | 3·3 | 3·0 | 2·8 | — | 3·4 | — | 2·8 | — | 2·5 | 15·5 | 12·87 |

**Remarks:—**

$C_h$ = + 36 mm.

## April 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·5 | 18·6 | 19·8 | 38·0 | 23·5 | 27·0 | 37·0 | 28·0 | 66 | 30 | 51 | 17·5 | 14·2 | 14·2 | 4 | 5 | 4 | SW | 2 | SW | 2 | SW | 3 | 0·0 | 8·5 |
| 2 | 21·4 | 18·7 | 20·6 | 38·0 | 23·0 | 27·0 | 38·0 | 24·0 | 63 | 27 | 75 | 16·6 | 13·5 | 16·6 | 3 | 6 | 3 | SW | 3 | SW | 3 | SW | 2 | 14·7 | 9·0 |
| 3 | 20·9 | 17·7 | 20·5 | 37·0 | 20·0 | 25·0 | 36·5 | 28·0 | 76 | 32 | 54 | 17·8 | 14·5 | 15·1 | 3 | 3 | 2 | ENE | 3 | NW | 2 | SW | 2 | 0·0 | 8·5 |
| 4 | 18·9 | 17·4 | 18·8 | 38·0 | 22·0 | 26·0 | 36·0 | 29·0 | 62 | 25 | 40 | 15·4 | 11·0 | 11·9 | 3 | 4 | 2 | SW | 3 | SW | 2 | SW | 3 | 0·0 | 8·2 |
| 5 | 20·9 | 17·8 | 20·0 | 38·0 | 23·0 | 27·0 | 38·0 | 30·0 | 63 | 27 | 41 | 16·6 | 13·5 | 13·0 | 4 | 3 | 2 | SE | 3 | SE | 2 | SE | 2 | 0·0 | 8·4 |
| 6 | 21·5 | 18·3 | 19·5 | 39·0 | 23·0 | 27·0 | 38·5 | 31·0 | 60 | 26 | 42 | 15·7 | 13·2 | 14·1 | 3 | 2 | 2 | NW | 5 | SW | 3 | SW | 2 | 0·0 | 10·3 |
| 7 | 19·6 | 17·3 | 19·1 | 39·0 | 22·0 | 26·0 | 38·5 | 30·0 | 66 | 26 | 53 | 16·3 | 13·2 | 16·6 | 4 | 5 | 4 | SE | 3 | SE | 2 | SE | 2 | 0·0 | 8·1 |
| 8 | 20·8 | 17·7 | 19·4 | 39·5 | 23·5 | 28·0 | 39·0 | 30·0 | 63 | 29 | 59 | 17·8 | 14·9 | 18·5 | 4 | 3 | 3 | SE | 3 | SW | 2 | SE | 2 | 0·0 | 9·0 |
| 9 | 18·6 | 16·7 | 19·3 | 38·5 | 23·0 | 28·0 | 37·0 | 30·0 | 67 | 30 | 53 | 18·8 | 14·2 | 16·6 | 4 | 5 | 3 | SW | 3 | SW | 3 | SW | 2 | Drops | 8·5 |
| 10 | 19·5 | 16·5 | 18·6 | 39·0 | 23·0 | 29·0 | 39·0 | 29·0 | 52 | 24 | 58 | 15·3 | 12·9 | 17·2 | 3 | 5 | 4 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 8·0 |
| 11 | 18·6 | 17·0 | 18·9 | 40.5 | 25·0 | 28·0 | 39·5 | 34·0 | 57 | 20 | 31 | 16·0 | 10·7 | 12·3 | 4 | 3 | 2 | SW | 2 | SW | 2 | SE | 2 | 0·0 | 8·7 |
| 12 | 19·4 | 17·8 | 17·9 | 39·0 | 24·0 | 27·0 | 37·5 | 28·5 | 66 | 21 | 55 | 17·5 | 10·1 | 15·6 | 8 | 3 | 3 | NE | 4 | NE | 3 | SW | 2 | 0·5 | 9·5 |
| 13 | 19·0 | 16·9 | 18·4 | 39·5 | 23·0 | 27·0 | 39·0 | 29·0 | 63 | 23 | 58 | 16·6 | 11·9 | 17·2 | 3 | 4 | 3 | SW | 3 | SW | 2 | SW | 2 | Drops | 8·3 |
| 14 | 18·5 | 16·5 | 18·3 | 40·0 | 23·0 | 28·0 | 39·5 | 30·0 | 54 | 20 | 47 | 15·1 | 10·7 | 14·7 | 3 | 3 | 4 | WSW | 2 | SW | 2 | SW | 2 | 0·0 | 9·2 |
| 15 | 18·2 | 17·3 | 16·9 | 40·0 | 25·5 | 27·5 | 39·5 | 32·0 | 60 | 21 | 33 | 16·3 | 11·6 | 11·7 | 5 | 4 | 3 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 10·5 |
| 16 | 19·2 | 17·0 | 17·2 | 40·0 | 26·0 | 29·5 | 39·5 | 29·0 | 55 | 20 | 52 | 16·9 | 10·7 | 15·3 | 3 | 4 | 5 | SSW | 3 | SW | 2 | SW | 4 | Drops | 10·6 |
| 17 | 19·0 | 17·4 | 18·2 | 38·0 | 25·5 | 30·0 | 38·0 | 31·5 | 47 | 27 | 46 | 14·7 | 13·5 | 15·6 | 3 | 4 | 3 | SW | 3 | ESE | 2 | SE | 2 | 0·0 | 9·5 |
| 18 | 20·3 | 17·7 | 19·1 | 37·0 | 25·0 | 29·0 | 37·0 | 30·0 | 52 | 26 | 44 | 15·3 | 12·2 | 13·8 | 4 | 3 | 3 | SE | 4 | SSE | 3 | SSE | 2 | 0·0 | 9·2 |
| 19 | 19·8 | 18·1 | 20·6 | 34·5 | 25·5 | 28·5 | 34·5 | 28·0 | 58 | 34 | 54 | 16·6 | 13·8 | 15·1 | 5 | 4 | 6 | SW | 2 | SW | 5 | SW | 3 | 2·5 | 6·5 |
| 20 | 21·5 | 17·6 | 18·0 | 37·0 | 22·0 | 27·0 | 37·0 | 30·0 | 66 | 26 | 47 | 17·5 | 12·2 | 14·7 | 3 | 4 | 3 | SW | 3 | SSW | 2 | SW | 3 | 0·0 | 8·5 |
| 21 | 20·1 | 18·9 | 21·3 | 35·5 | 24·0 | 27·0 | 35·0 | 25·0 | 66 | 32 | 72 | 17·5 | 13·5 | 16·9 | 3 | 6 | 6 | SE | 2 | SE | 3 | SE | 3 | 39·3 | 5·5 |
| 22 | 23·4 | 21·9 | 21·5 | 25·0 | 21·0 | 24·5 | 23·0 | 22·0 | 64 | 83 | 82 | 14·6 | 17·3 | 16·2 | 7 | 7 | 4 | SE | 5 | NE | 1 | SE | 3 | 0·6 | 3·8 |
| 23 | 21·1 | 19·0 | 18·0 | 32·5 | 21·0 | 23·0 | 32·0 | 27·0 | 66 | 33 | 49 | 13·9 | 11·7 | 13·1 | 4 | 6 | 2 | SW | 2 | SW | 2 | SSW | 2 | 0·0 | 4·8 |
| 24 | 19·8 | 17·2 | 18·3 | 30·5 | 21·5 | 26·0 | 30·0 | 26·0 | 62 | 53 | 55 | 15·4 | 16·6 | 13·7 | 4 | 5 | 4 | SE | 2 | NW | 3 | NW | 3 | 1·2 | 5·6 |
| 25 | 18·5 | 19·2 | 20·8 | 32·5 | 22·0 | 26·0 | 32·0 | 23·0 | 55 | 33 | 74 | 13·7 | 11·7 | 15·5 | 5 | 6 | 9 | SW | 2 | SW | 3 | SW | 5 | 17·0 | 6·0 |
| 26 | 18·3 | 19·4 | 19·3 | 33·0 | 21·0 | 23·5 | 32·0 | 27·0 | 71 | 38 | 56 | 15·2 | 13·5 | 14·8 | 5 | 4 | 3 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 4·6 |
| 27 | 20·7 | 18·4 | 18·7 | 35·0 | 22·0 | 25·0 | 35·0 | 26·5 | 68 | 32 | 66 | 16·0 | 13·5 | 16·9 | 2 | 4 | 5 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 5·2 |
| 28 | 21·0 | 18·1 | 18·8 | 35·0 | 20·0 | 25·0 | 35·0 | 22·5 | 64 | 28 | 78 | 15·2 | 11·6 | 15·8 | 4 | 3 | 6 | SW | 2 | SW | 2 | SW | 2 | 34·3 | 6·2 |
| 29 | 20·9 | 18·7 | 19·6 | 34·5 | 20·0 | 24·5 | 34·5 | 27·0 | 68 | 32 | 63 | 15·5 | 12·9 | 16·6 | 1 | 6 | 1 | SE | 2 | SE | 3 | SE | 3 | 0·0 | 6·5 |
| 30 | 19·8 | 19·1 | 18·8 | 34·0 | 21·5 | 25·5 | 32·5 | 27·0 | 69 | 41 | 66 | 16·6 | 15·0 | 17·5 | 6 | 2 | 8 | SE | 3 | SW | 3 | WSW | 6 | 3·5 | 6·2 |
| Month | 20·62 | 18·00 | 19·14 | 36·6 | 22·8 | 26·7 | 36·0 | 28·1 | 62 | 31 | 55 | 16·1 | 13·0 | 15·2 | 3·9 | 4·2 | 3·7 | — | 2·8 | — | 2·5 | — | 2·5 | 113·6 | 7·71 |

**Remarks:—**

# WAU.

$\varphi = 7° 42'$ N. $\lambda = 28° 3'$ E. H = 440·0 m. $h_t = 1·2$ m. $h_r = 1·3$ m.

$C_h$ = + 37 mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20·5 | 19·4 | 19·3 | 30·0 | 19·5 | 23·5 | 30·0 | 26·0 | 75 | 47 | 62 | 16·1 | 14·7 | 15·4 | 5 | 3 | 4 | SE | 3 | SW | 2 | SW | 2 | 0·0 | 4·6 |
| 2 | 21·0 | 18·4 | 19·6 | 35·5 | 21·5 | 25·0 | 35·0 | 27·0 | 68 | 32 | 66 | 16·0 | 13·5 | 17·5 | 2 | 1 | 1 | SE | 2 | SE | 3 | SE | 2 | 0·0 | 7·0 |
| 3 | 21·4 | 18·6 | 19·4 | 37·0 | 23·0 | 27·5 | 36·0 | 27·0 | 63 | 33 | 69 | 17·2 | 14·8 | 18·4 | 3 | 4 | 5 | SE | 2 | SE | 2 | SW | 2 | Drops | 6·5 |
| 4 | 21·1 | 18·1 | 18·8 | 37·0 | 23·0 | 27·5 | 36·0 | 28·0 | 57 | 29 | 60 | 15·4 | 12·9 | 16·9 | 2 | 2 | 8 | SE | 2 | SE | 2 | SE | 4 | 4·4 | 5·2 |
| 5 | 21·0 | 19·3 | 19·2 | 36·0 | 21·0 | 25·0 | 34·5 | 31·0 | 68 | 34 | 45 | 16·0 | 13·8 | 15·0 | 3 | 2 | 1 | SW | 4 | SW | 3 | SW | 2 | 0·0 | 7·5 |
| 6 | 20·7 | 17·3 | 19·0 | 33·5 | 23·0 | 27·0 | 33·0 | 27·5 | 63 | 42 | 67 | 16·6 | 15·7 | 18·1 | 2 | 3 | 1 | SW | 2 | SW | 2 | SW | 2 | 6·5 | 6·0 |
| 7 | 20·0 | 19·1 | 20·3 | 30·0 | 23·5 | 26·5 | 27·0 | 25·0 | 66 | 69 | 72 | 16·9 | 18·4 | 16·9 | 6 | 6 | 7 | SE | 3 | SE | 3 | SW | 4 | 6·2 | 4·2 |
| 8 | 20·2 | 19·2 | 19·8 | 33·5 | 21·5 | 24·0 | 32·0 | 28·0 | 83 | 46 | 70 | 18·4 | 16·3 | 19·7 | 5 | 1 | 1 | SW | 2 | SW | 1 | SW | 2 | 0·0 | 4·0 |
| 9 | 19·1 | 18·3 | 18·0 | 32·0 | 21·0 | 28·0 | 32·0 | 27·5 | 57 | 46 | 67 | 16·0 | 16·3 | 18·1 | 1 | 3 | 1 | SW | 2 | SW | 2 | SW | 2 | 1·6 | 7·3 |
| 10 | 19·6 | 17·5 | 18·5 | 31·5 | 24·0 | 27·5 | 30·5 | 29·5 | 60 | 47 | 61 | 16·3 | 15·3 | 18·8 | 3 | 1 | 1 | SW | 2 | NW | 3 | NW | 2 | 0·0 | 9·2 |
| 11 | 20·1 | 19·4 | 19·4 | 30·0 | 22·0 | 25·0 | 30·0 | 27·0 | 68 | 53 | 63 | 16·0 | 16·6 | 16·6 | 2 | 1 | 2 | SW | 4 | SW | 3 | SW | 2 | 0·0 | 7·5 |
| 12 | 20·9 | 19·5 | 20·0 | 35·0 | 23·0 | 26·0 | 33·5 | 28·5 | 69 | 38 | 58 | 17·2 | 14·4 | 16·6 | 3 | 3 | 2 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 8·3 |
| 13 | 22·6 | 19·8 | 20·3 | 30·5 | 22·5 | 29·0 | 30·0 | 26·5 | 58 | 59 | 69 | 17·2 | 18·5 | 17·8 | 1 | 0 | 3 | SW | 3 | SW | 4 | SW | 2 | 0·8 | 8·2 |
| 14 | 22·1 | 20·1 | 19·7 | 35·0 | 20·5 | 24·5 | 33·5 | 28·5 | 72 | 38 | 55 | 16·3 | 14·4 | 15·6 | 2 | 2 | 2 | SW | 2 | SW | 1 | SW | 2 | 0·0 | 8·3 |
| 15 | 20·9 | 19·6 | 19·8 | 31·0 | 22·0 | 27·0 | 30·0 | 27·0 | 69 | 59 | 69 | 18·4 | 18·5 | 18·4 | 2 | 2 | 7 | SW | 2 | SE | 3 | SE | 4 | 4·8 | 6·2 |
| 16 | 20·1 | 18·8 | 19·3 | 35·5 | 22·0 | 26·0 | 35·0 | 29·0 | 76 | 37 | 58 | 19·0 | 15·4 | 17·2 | 1 | 2 | 1 | SE | 2 | SE | 3 | SW | 2 | 0·0 | 8·0 |
| 17 | 19·6 | 17·8 | 18·4 | 37·5 | 21·5 | 29·0 | 37·0 | 30·0 | 64 | 35 | 62 | 19·1 | 16·1 | 19·5 | 1 | 2 | 3 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 10·4 |
| 18 | 21·6 | 19·1 | 18·8 | 35·0 | 21·5 | 27·5 | 34·0 | 28·5 | 63 | 40 | 52 | 17·2 | 16·0 | 14·8 | 2 | 3 | 5 | SW | 4 | SW | 2 | SW | 2 | Drops | 7·8 |
| 19 | 21·2 | 19·4 | 19·4 | 36·5 | 21·5 | 27·0 | 35·5 | 29·5 | 66 | 35 | 58 | 17·5 | 15·1 | 17·8 | 2 | 2 | 2 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 10·8 |
| 20 | 21·0 | 19·1 | 18·7 | 36·5 | 22·0 | 26·6 | 36·0 | 30·0 | 69 | 31 | 44 | 17·2 | 13·8 | 13·8 | 4 | 4 | 1 | SE | 2 | NW | 3 | NW | 2 | 0·0 | 10·2 |
| 21 | 20·2 | 17·9 | 18·4 | 37·5 | 22·0 | 28·5 | 36·5 | 30·5 | 52 | 25 | 50 | 14·8 | 11·6 | 16·3 | 1 | 6 | 4 | SW | 2 | SW | 4 | SW | 4 | 0·0 | 10·7 |
| 22 | 18·9 | 17·7 | 17·6 | 36·5 | 23·0 | 28·5 | 36·5 | 31·0 | 61 | 32 | 45 | 17·5 | 14·5 | 15·0 | 2 | 3 | 5 | SW | 3 | SW | 2 | SW | 3 | 0·0 | 11·5 |
| 23 | 18·4 | 17·9 | 19·4 | 36·5 | 24·0 | 28·5 | 36·0 | 28·0 | 49 | 29 | 54 | 13·9 | 12·9 | 15·1 | 1 | 4 | 1 | SW | 2 | SE | 3 | SE | 3 | 0·0 | 11·7 |
| 24 | 20·1 | 17·0 | 19·0 | 35·0 | 20·5 | 29·5 | 34·5 | 23·0 | 55 | 37 | 83 | 16·9 | 14·7 | 17·3 | 2 | 6 | 7 | SW | 4 | SW | 6 | SW | 5 | Drops | 7·0 |
| 25 | 20·9 | 19·4 | 20·0 | 32·0 | 21·0 | 24·0 | 30·0 | 26·0 | 79 | 47 | 73 | 17·5 | 14·7 | 18·1 | 6 | 5 | 4 | SW | 4 | SW | 4 | SW | 2 | 0·0 | 7·1 |
| 26 | 22·2 | 20·6 | 20·5 | 28·0 | 22·0 | 26·0 | 27·0 | 26·0 | 76 | 73 | 69 | 19·0 | 19·4 | 17·2 | 6 | 4 | 3 | NE | 4 | SW | 3 | SW | 2 | Drops | 4·2 |
| 27 | 21·2 | 19·7 | 19·6 | 31·0 | 20·0 | 26·0 | 30·0 | 27·0 | 73 | 59 | 60 | 18·1 | 18·5 | 15·7 | 1 | 3 | 3 | SSE | 2 | SW | 3 | SW | 2 | Drops | 6·2 |
| 28 | 20·0 | 17·7 | 19·3 | 31·0 | 21·5 | 28·0 | 29·5 | 23·5 | 63 | 64 | 79 | 17·8 | 19·8 | 17·0 | 1 | 6 | 6 | SW | 2 | SW | 3 | SW | 4 | 6·3 | 6·2 |
| 29 | 18·2 | 19·4 | 21·6 | 28·0 | 20·5 | 26·5 | 27·5 | 21·0 | 73 | 74 | 82 | 18·7 | 20·0 | 15·1 | 7 | 8 | 9 | SW | 2 | SW | 2 | SW | 4 | 29·8 | 3·6 |
| 30 | 23·6 | 20·7 | 21·0 | 31·5 | 19·0 | 20·5 | 30·0 | 26·0 | 86 | 47 | 66 | 15·4 | 14·7 | 16·3 | 8 | 3 | 3 | SW | 4 | SW | 2 | SW | 2 | 0·0 | 7·5 |
| 31 | 22·8 | 20·2 | 20·0 | 32·0 | 20·0 | 25·5 | 31·5 | 28·0 | 76 | 51 | 57 | 18·4 | 17·5 | 16·0 | 6 | 6 | 4 | SW | 3 | SW | 4 | SE | 2 | 0·0 | 5·8 |
| Month | 20·68 | 18·90 | 19·42 | 33·5 | 21·7 | 26·4 | 32·6 | 27·5 | 67 | 45 | 63 | 17·0 | 15·8 | 16·8 | 3·0 | 3·5 | 3·5 | — | 2·6 | — | 2·7 | — | 2·5 | 60·4 | 7·38 |

**Remarks:—**

$C_h$ = + 37 mm.

## June 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·8 | 20·3 | 20·2 | 33·0 | 23·5 | 26·5 | 31·0 | 27·0 | 73 | 53 | 73 | 18·7 | 17·9 | 19·4 | 4 | 5 | 4 | SW | 3 | SW | 4 | SW | 2 | 0·0 | 7·9 |
| 2 | 20·7 | 19·7 | 19·8 | 33·5 | 21·0 | 27·0 | 31·0 | 27·5 | 66 | 53 | 67 | 17·5 | 17·9 | 18·1 | 2 | 3 | 1 | SW | 2 | SW | 3 | SW | 2 | 0·0 | 8·5 |
| 3 | 21·2 | 19·6 | 19·6 | 32·5 | 21·5 | 26·5 | 29·5 | 27·0 | 69 | 61 | 63 | 17·8 | 18·8 | 16·6 | 3 | 6 | 1 | SW | 3 | SE | 4 | SSW | 2 | 0·0 | 8·3 |
| 4 | 21·8 | 18·8 | 18·6 | 36·6 | 22·5 | 28·0 | 35·0 | 30·0 | 60 | 37 | 50 | 16·9 | 15·4 | 15·6 | 1 | 2 | 2 | SSW | 4 | SE | 2 | SW | 2 | 0·0 | 9·6 |
| 5 | 21·8 | 20·1 | 18·9 | 36·0 | 22·0 | 28·0 | 34·0 | 29·5 | 60 | 36 | 49 | 16·9 | 14·1 | 15·0 | 1 | 3 | 3 | SSW | 4 | SW | 4 | SW | 2 | 0·0 | 9·8 |
| 6 | 21·6 | 18·8 | 19·0 | 38·5 | 22·5 | 27·5 | 37·5 | 30·0 | 67 | 29 | 44 | 18·1 | 13·8 | 13·8 | 1 | 2 | 1 | SE | 4 | SW | 4 | SW | 2 | 0·0 | 10·8 |
| 7 | 20·6 | 18·2 | 17·8 | 38·0 | 23·5 | 29·0 | 36·0 | 31·0 | 55 | 29 | 42 | 16·3 | 12·9 | 14·1 | 1 | 3 | 2 | SSW | 3 | SW | 3 | SE | 2 | 0·0 | 11·2 |
| 8 | 19·9 | 18·0 | 19·3 | 38·5 | 24·0 | 29·0 | 37·5 | 25·0 | 58 | 29 | 76 | 17·2 | 13·8 | 17·8 | 1 | 6 | 8 | SW | 5 | SSW | 3 | SW | 6 | 8·5 | 8·7 |
| 9 | 20·8 | 20·1 | 19·8 | 35·0 | 21·5 | 26·5 | 34·5 | 29·0 | 63 | 37 | 58 | 16·0 | 14·7 | 17·2 | 3 | 2 | 1 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 9·1 |
| 10 | 21·8 | 20·0 | 20·0 | 36·5 | 23·0 | 27·5 | 35·5 | 27·0 | 67 | 33 | 66 | 18·1 | 14·1 | 17·5 | 1 | 4 | 5 | SW | 3 | SE | 2 | SE | 3 | Drops | 9·0 |
| 11 | 21·3 | 18·9 | 19·9 | 36·5 | 24·5 | 26·5 | 35·5 | 28·5 | 73 | 38 | 55 | 18·7 | 16·1 | 15·6 | 2 | 2 | 8 | SW | 2 | SW | 4 | SW | 3 | Drops | 8·8 |
| 12 | 21·0 | 20·1 | 20·3 | 31·5 | 22·5 | 25·5 | 30·0 | 24·5 | 69 | 55 | 76 | 16·6 | 17·5 | 17·2 | 1 | 6 | 8 | SW | 2 | SW | 4 | SW | 5 | 21·8 | 8·3 |
| 13 | 21·4 | 21·2 | 19·9 | 32·5 | 22·5 | 24·5 | 31·0 | 28·5 | 76 | 50 | 55 | 17·2 | 16·9 | 15·6 | 7 | 5 | 5 | SE | 2 | SW | 3 | SW | 2 | 0·0 | 6·2 |
| 14 | 23·1 | 21·5 | 23·6 | 32·0 | 23·0 | 26·0 | 30·5 | 27·0 | 73 | 53 | 66 | 18·1 | 17·2 | 17·5 | 6 | 3 | 4 | SSE | 4 | SW | 3 | SW | 3 | 0·0 | 7·4 |
| 15 | 23·2 | 21·4 | 21·8 | 35·0 | 23·0 | 24·5 | 33·5 | 28·0 | 76 | 35 | 57 | 17·2 | 13·5 | 16·0 | 5 | 3 | 5 | SW | 4 | SW | 3 | SW | 3 | 0·0 | 8·0 |
| 16 | 22·3 | 19·7 | 21·2 | 33·5 | 23·0 | 25·0 | 33·5 | 24·5 | 72 | 40 | 80 | 16·9 | 15·4 | 18·1 | 8 | 5 | 7 | SW | 5 | SW | 2 | SSW | 3 | 2·8 | 6·4 |
| 17 | 21·1 | 19·3 | 20·3 | 35·0 | 23·0 | 27·0 | 34·0 | 29·0 | 66 | 40 | 58 | 17·5 | 16·0 | 17·2 | 3 | 3 | 4 | SW | 2 | SW | 3 | SW | 3 | Drops | 8·6 |
| 18 | 21·3 | 20·1 | 20·9 | 35·0 | 22·5 | 26·0 | 34·0 | 26·5 | 62 | 38 | 69 | 15·4 | 15·0 | 17·8 | 5 | 4 | 7 | SW | 2 | SW | 2 | SW | 2 | 39·6 | 6·0 |
| 19 | 22·2 | 20·6 | 21·1 | 31·0 | 20·0 | 22·5 | 30·0 | 27·0 | 78 | 47 | 60 | 15·8 | 14·7 | 15·7 | 7 | 6 | 5 | SE | 3 | SW | 2 | SW | 2 | 0·0 | 4·4 |
| 20 | 22·2 | 20·9 | 21·9 | 33·0 | 22·0 | 25·0 | 31·5 | 24·0 | 72 | 46 | 72 | 16·9 | 15·6 | 15·8 | 2 | 1 | 8 | SW | 2 | SE | 2 | SW | 5 | 0·0 | 4·8 |
| 21 | 22·4 | 20·5 | 21·3 | 32·0 | 21·0 | 23·5 | 30·5 | 27·0 | 79 | 50 | 66 | 17·0 | 16·3 | 17·5 | 2 | 4 | 2 | SW | 4 | SW | 3 | SW | 4 | 0·0 | 5·6 |
| 22 | 23·9 | 21·9 | 21·1 | 32·5 | 21·0 | 24·5 | 30·0 | 27·5 | 72 | 50 | 60 | 16·3 | 15·6 | 16·3 | 2 | 4 | 1 | SW | 4 | SW | 2 | SW | 3 | 0·0 | 5·8 |
| 23 | 22·2 | 20·6 | 21·6 | 32·5 | 21·0 | 26·5 | 32·0 | 27·0 | 59 | 46 | 63 | 15·1 | 16·3 | 16·6 | 2 | 4 | 3 | SW | 2 | SW | 3 | SW | 3 | Drops | 6·5 |
| 24 | 22·0 | 20·6 | 21·5 | 33·5 | 21·0 | 26·5 | 32·5 | 28·5 | 63 | 44 | 58 | 16·0 | 16·0 | 16·6 | 1 | 2 | 1 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 7·6 |
| 25 | 21·0 | 19·4 | 20·4 | 35·0 | 22·0 | 26·5 | 34·0 | 28·5 | 66 | 40 | 61 | 16·9 | 16·0 | 17·5 | 1 | 2 | 1 | SW | 2 | SW | 2 | SW | 3 | 0·0 | 8·0 |
| 26 | 22·1 | 19·9 | 21·3 | 35·0 | 21·0 | 26·5 | 34·0 | 25·5 | 63 | 40 | 72 | 16·0 | 16·0 | 17·5 | 1 | 2 | 8 | SW | 2 | SW | 2 | SW | 5 | Drops | 6·0 |
| 27 | 22·8 | 21·5 | 22·3 | 33·0 | 21·0 | 24·5 | 30·0 | 26·0 | 72 | 55 | 66 | 16·3 | 17·5 | 16·3 | 3 | 7 | 7 | SE | 3 | SW | 2 | SE | 5 | 0·0 | 5·8 |
| 28 | 23·4 | 21·3 | 22·1 | 31·0 | 20·0 | 23·5 | 30·5 | 24·5 | 71 | 50 | 72 | 15·2 | 16·3 | 16·3 | 4 | 2 | 4 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 5·0 |
| 29 | 22·9 | 21·1 | 23·2 | 34·0 | 21·5 | 25·0 | 33·5 | 24·5 | 68 | 40 | 68 | 16·0 | 15·4 | 15·5 | 5 | 2 | 6 | SW | 2 | SW | 2 | SW | 3 | 18·5 | 3·5 |
| 30 | 23·7 | 21·2 | 22·1 | 27·0 | 21·0 | 24·0 | 25·5 | 23·5 | 75 | 58 | 79 | 16·6 | 14·0 | 17·0 | 4 | 6 | 5 | SW | 2 | SW | 3 | SW | 3 | 8·0 | 4·0 |
| Month | 21·92 | 20·18 | 20·69 | 33·9 | 22·0 | 26·0 | 32·6 | 27·1 | 68 | 44 | 63 | 16·8 | 15·7 | 16·6 | 3·0 | 3·6 | 4·2 | — | 2·9 | — | 2·7 | — | 3·0 | 99·2 | 7·32 |

**Remarks:—**

# WAU.

$\varphi = 7° 42'$ N. $\lambda = 28° 3'$ E. H = 440·0 m. $h_t = 1·2$ m. $h_r = 1·3$ m.

$C_h$ = + 37 mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22·4 | 20·9 | 20·8 | 30·0 | 21·5 | 24·0 | 29·0 | 22·5 | 79 | 55 | 83 | 17·5 | 16·3 | 16·7 | 2 | 7 | 6 | SW | 2 | SW | 3 | SW | 4 | Drops | 3·8 |
| 2 | 22·1 | 20·4 | 20·1 | 33·5 | 20·0 | 23·5 | 31·0 | 26·0 | 75 | 53 | 80 | 16·1 | 17·9 | 20·0 | 4 | 2 | 1 | SW | 3 | ESE | 2 | SW | 3 | 0·0 | 5·6 |
| 3 | 22·2 | 19·5 | 21·4 | 34·5 | 22·0 | 25·0 | 33·0 | 24·0 | 72 | 44 | 72 | 16·9 | 16·6 | 15·8 | 6 | 1 | 8 | SW | 2 | SW | 2 | SW | 3 | 19·5 | 4·5 |
| 4 | 22·5 | 20·2 | 20·6 | 30·0 | 19·5 | 22·0 | 27·5 | 25·5 | 78 | 60 | 76 | 15·3 | 16·3 | 18·4 | 7 | 6 | 2 | SW | 3 | SW | 4 | SW | 2 | 0·0 | 4·2 |
| 5 | 21·1 | 19·4 | 20·1 | 31·0 | 21·5 | 24·0 | 30·0 | 26·0 | 75 | 53 | 73 | 16·6 | 16·6 | 18·1 | 2 | 3 | 1 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 5·2 |
| 6 | 22·7 | 20·6 | 21·7 | 31·0 | 21·0 | 23·5 | 30·5 | 24·5 | 83 | 53 | 72 | 17·8 | 17·2 | 16·3 | 2 | 3 | 1 | SW | 2 | SW | 3 | SW | 2 | Drops | 5·3 |
| 7 | 22·9 | 20·7 | 21·1 | 32·5 | 20·0 | 24·0 | 32·5 | 25·5 | 75 | 41 | 72 | 16·6 | 15·0 | 17·5 | 2 | 1 | 1 | NW | 2 | SE | 4 | SW | 2 | 2·2 | 5·6 |
| 8 | 22·1 | 20·5 | 22·3 | 34.5 | 21·0 | 25·0 | 32·5 | 24·5 | 72 | 44 | 83 | 16·9 | 16·0 | 19·0 | 2 | 3 | 6 | SW | 2 | SW | 2 | SW | 3 | 8·5 | 5·2 |
| 9 | 22·4 | 20·9 | 20·7 | 32·5 | 20·0 | 24·0 | 31·0 | 28·0 | 75 | 48 | 60 | 16·6 | 15·9 | 16·9 | 4 | 3 | 4 | SW | 2 | SW | 4 | SW | 2 | 17·0 | 5·8 |
| 10 | 22·5 | 20·9 | 21·0 | 30·5 | 19·0 | 21·5 | 29·0 | 25·5 | 82 | 52 | 69 | 15·6 | 15·3 | 16·6 | 7 | 2 | 3 | SW | 4 | SW | 2 | SW | 2 | 0·0 | 4·5 |
| 11 | 23·4 | 21·4 | 21·9 | 30·0 | 20·0 | 22·5 | 29·5 | 23·5 | 83 | 58 | 83 | 16·7 | 17·8 | 17·8 | 3 | 2 | 7 | SW | 3 | SW | 2 | SW | 3 | 8·4 | 4·2 |
| 12 | 22·1 | 20·4 | 20·0 | 31·0 | 20·5 | 24·0 | 30.0 | 27·0 | 79 | 55 | 66 | 17·5 | 17·5 | 17·5 | 2 | 1 | 2 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 6·8 |
| 13 | 22·3 | 20·6 | 20·6 | 34·0 | 21·0 | 25·0 | 32·5 | 27·5 | 76 | 47 | 70 | 17·8 | 16·9 | 19·1 | 2 | 2 | 4 | SW | 2 | SW | 2 | SW | 2 | Drops | 7·2 |
| 14 | 20·8 | 19·4 | 20·6 | 34·5 | 21·5 | 26·0 | 33·5 | 28·0 | 73 | 42 | 67 | 18·1 | 16·3 | 18·8 | 2 | 1 | 1 | SW | 2 | SE | 2 | SW | 2 | 0·0 | 8·5 |
| 15 | 22·7 | 20·7 | 21·6 | 33·0 | 21·5 | 25·0 | 31·0 | 26·5 | 68 | 48 | 69 | 16·0 | 15·9 | 17·8 | 3 | 6 | 5 | SW | 2 | SW | 4 | SW | 3 | 6·7 | 5·3 |
| 16 | 23·1 | 21·1 | 21·3 | 32·5 | 20·5 | 24·0 | 31·5 | 25·5 | 75 | 46 | 72 | 16·6 | 15·6 | 17·5 | 1 | 2 | 4 | SW | 3 | WSW | 1 | SW | 2 | 1·0 | 5·6 |
| 17 | 24·3 | 22·5 | 22·2 | 32·0 | 19·5 | 22·5 | 30·0 | 26·5 | 83 | 50 | 66 | 16·7 | 15·6 | 16·9 | 7 | 4 | 2 | SE | 3 | SE | 2 | SW | 2 | 0·0 | 4·2 |
| 18 | 23·2 | 21·1 | 21·0 | 33·5 | 21·5 | 25·0 | 32·0 | 26·0 | 76 | 49 | 73 | 17·8 | 17·2 | 18·1 | 1 | 2 | 1 | SE | 2 | SW | 2 | SW | 2 | 0·0 | 4·8 |
| 19 | 21·8 | 19·6 | 19·6 | 34·5 | 22·5 | 27·0 | 33·0 | 28·5 | 69 | 47 | 67 | 18·4 | 17·6 | 19·4 | 3 | 2 | 6 | SW | 2 | SE | 4 | SE | 4 | 20·2 | 6·2 |
| 20 | 22·8 | 20·4 | 20·0 | 32·0 | 21·0 | 25·0 | 30·0 | 27·0 | 76 | 55 | 69 | 17·8 | 17·5 | 18·4 | 2 | 2 | 4 | SW | 2 | SW | 3 | SW | 2 | 0 0 | 5·2 |
| 21 | 22·2 | 20·8 | 21·3 | 25·0 | 22·5 | 25·0 | 20·5 | 21·5 | 76 | 86 | 91 | 17·8 | 15·4 | 17·3 | 8 | 7 | 8 | SW | 4 | SW | 4 | SW | 3 | 16·6 | 2·1 |
| 22 | 22·4 | 20·3 | 19·5 | 32·0 | 19·0 | 22·5 | 30·0 | 27·0 | 83 | 50 | 69 | 16·7 | 15·6 | 18·4 | 4 | 1 | 4 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 4·2 |
| 23 | 22·7 | 20·4 | 20·6 | 32·5 | 21·5 | 25·0 | 31·5 | 25·5 | 68 | 51 | 62 | 16·0 | 17·5 | 14·9 | 2 | 2 | 5 | SW | 3 | SW | 4 | SW | 4 | Drops | 5·1 |
| 24 | 23·2 | 21·2 | 21·1 | 28·5 | 22·5 | 25·0 | 27·5 | 22·5 | 72 | 67 | 92 | 16·9 | 18·1 | 18·5 | 5 | 7 | 8 | SE | 3 | SW | 2 | SW | 5 | 7·7 | 3·4 |
| 25 | 23·3 | 20·9 | 20·3 | 28·5 | 20·0 | 21·5 | 27·5 | 25·0 | 87 | 63 | 76 | 16·5 | 17·2 | 17·8 | 7 | 4 | 4 | SW | 2 | SW | 3 | SW | 3 | Drops | 3·2 |
| 26 | 23·2 | 22·0 | 21·3 | 32·0 | 19·5 | 23·0 | 30·5 | 26·0 | 83 | 53 | 73 | 17·3 | 17·2 | 18·1 | 2 | 4 | 5 | SE | 2 | SW | 2 | SE | 2 | 0·8 | 5·2 |
| 27 | 23·5 | 20·8 | 20·4 | 29·5 | 20·0 | 22·5 | 28·0 | 25·0 | 83 | 63 | 76 | 16·7 | 17·8 | 17·8 | 8 | 2 | 2 | SE | 3 | SW | 2 | SW | 2 | Drops | 3·9 |
| 28 | 21·6 | 19·7 | 21·7 | 30·5 | 21·5 | 23·5 | 29·0 | 21·0 | 83 | 58 | 87 | 17·8 | 17·2 | 15·9 | 5 | 3 | 8 | SW | 2 | SW | 4 | SW | 5 | 34·7 | 6·0 |
| 29 | 21·3 | 19·1 | 20·9 | 32·0 | 19·5 | 23·0 | 30·0 | 26·5 | 83 | 55 | 69 | 17·3 | 17·5 | 17·8 | 4 | 2 | 4 | SW | 3 | SW | 2 | SW | 3 | 0·0 | 5·2 |
| 30 | 22·1 | 20·5 | 20·0 | 32·0 | 21·5 | 25·0 | 30·5 | 27·0 | 72 | 53 | 69 | 16·9 | 17·2 | 18·4 | 1 | 2 | 1 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 5·3 |
| 31 | 23·4 | 21·2 | 20·8 | 32·5 | 21·5 | 24·0 | 31·5 | 27·5 | 79 | 51 | 67 | 17·5 | 17·5 | 18·1 | 4 | 2 | 1 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 6·0 |
| Month | 22·53 | 20·58 | 20·85 | 31·7 | 20·8 | 24·0 | 30·2 | 25·6 | 77 | 53 | 73 | 17·0 | 16·7 | 17·7 | 3·7 | 2·9 | 3·8 | — | 2·5 | — | 2·6 | — | 2·6 | 143·3 | 5·07 |

**Remarks:—**

$C_h$ = + 37 mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23·7 | 20·2 | 20·1 | 34·5 | 20·5 | 24·5 | 33·0 | 26·0 | 72 | 44 | 80 | 16·3 | 16·6 | 20·0 | 2 | 2 | 1 | SE | 3 | SW | 2 | SE | 2 | 1·0 | 5·6 |
| 2 | 22·3 | 20·5 | 21·7 | 33·0 | 22·0 | 25·0 | 30·5 | 24·5 | 72 | 53 | 80 | 16·9 | 17·2 | 18·1 | 2 | 6 | 6 | SW | 3 | SW | 4 | SW | 4 | 0·0 | 4·6 |
| 3 | 22·3 | 21·0 | 20·3 | 28·0 | 21·0 | 24·0 | 24·5 | 22·0 | 79 | 92 | 91 | 17·5 | 20·9 | 17·9 | 4 | 7 | 8 | SW | 5 | SW | 4 | SW | 4 | 29·1 | 3·2 |
| 4 | 23·3 | 20·9 | 20·4 | 31·0 | 20·0 | 23·5 | 28·5 | 22·5 | 87 | 61 | 87 | 18·7 | 17·5 | 17·6 | 4 | 3 | 8 | NW | 3 | SW | 2 | SW | 4 | Drops | 4·0 |
| 5 | 23·3 | 20·7 | 20·0 | 30·5 | 20·0 | 24·0 | 29·0 | 24·5 | 72 | 61 | 80 | 15·8 | 18·1 | 18·1 | 4 | 5 | 6 | SW | 2 | SW | 3 | SW | 2 | Drops | 3·5 |
| 6 | 22·7 | 20·6 | 20·2 | 32·0 | 21·0 | 24·5 | 30·5 | 24·0 | 80 | 55 | 79 | 18·1 | 18·2 | 17·5 | 3 | 2 | 6 | SW | 2 | SW | 2 | SW | 4 | 3·4 | 4·2 |
| 7 | 21·2 | 19·3 | 20·2 | 32·5 | 20·5 | 24·5 | 31·0 | 25·0 | 80 | 53 | 80 | 18·1 | 17·9 | 18·7 | 2 | 2 | 4 | SW | 2 | SW | 3 | SW | 3 | Drops | 4·2 |
| 8 | 22·3 | 20·4 | 20·2 | 34·5 | 20·5 | 25·0 | 33·0 | 27·5 | 76 | 47 | 67 | 17·8 | 17·6 | 18·1 | 2 | 2 | 3 | SW | 2 | SW | 2 | SW | 2 | Drops | 6·0 |
| 9 | 22·4 | 20·5 | 20·0 | 29·0 | 20·0 | 22·5 | 27·0 | 25·0 | 87 | 66 | 76 | 17·6 | 17·5 | 17·8 | 7 | 3 | 2 | SW | 3 | SW | 2 | SW | 3 | 0·0 | 4·8 |
| 10 | 21·4 | 20·0 | 21·3 | 32·5 | 20·5 | 25·0 | 31·0 | 24·5 | 76 | 48 | 76 | 17·8 | 15·9 | 17·2 | 2 | 3 | 7 | SE | 3 | SW | 2 | SW | 4 | 10·7 | 3·7 |
| 11 | 22·3 | 20·1 | 22·4 | 32·0 | 20·0 | 25·0 | 32·0 | 22·5 | 80 | 49 | 78 | 18·7 | 17·2 | 15·8 | 5 | 3 | 7 | SW | 2 | SSW | 2 | SW | 4 | 11·2 | 4·0 |
| 12 | 23·4 | 21·5 | 21·5 | 30·0 | 20·0 | 23·5 | 29·0 | 23·0 | 79 | 64 | 83 | 17·0 | 19·1 | 17·3 | 5 | 3 | 6 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 3·5 |
| 13 | 22·0 | 20·1 | 20·0 | 33·0 | 21·0 | 26·0 | 32·0 | 26·5 | 73 | 52 | 73 | 18·1 | 18·2 | 18·7 | 2 | 3 | 4 | NNW | 2 | SW | 2 | SW | 2 | 0·0 | 5·1 |
| 14 | 22·2 | 19·9 | 20·9 | 33·5 | 21·0 | 24·5 | 32·5 | 26·5 | 76 | 44 | 69 | 17·2 | 16·0 | 17·8 | 5 | 2 | 3 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 6·0 |
| 15 | 22·8 | 21·3 | 21·5 | 32·0 | 21·0 | 25·0 | 31·0 | 21·0 | 76 | 53 | 82 | 17·8 | 17·9 | 15·1 | 2 | 4 | 6 | SW | 2 | SW | 2 | SW | 2 | 36·0 | 3·4 |
| 16 | 21·8 | 19·6 | 19·3 | 29·5 | 18·5 | 21·5 | 28·0 | 24·5 | 87 | 63 | 80 | 16·5 | 17·8 | 18·1 | 6 | 2 | 2 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 3·8 |
| 17 | 22·9 | 21·1 | 20·6 | 27·5 | 19·0 | 23·5 | 26·0 | 22·5 | 79 | 76 | 87 | 17·0 | 19·0 | 17·6 | 5 | 6 | 5 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 3·6 |
| 18 | 23·1 | 21·3 | 20·6 | 32·5 | 21·0 | 23·5 | 31·0 | 27·0 | 83 | 48 | 63 | 17·8 | 15·9 | 16·6 | 3 | 2 | 0 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 6·4 |
| 19 | 21·8 | 20·4 | 20·0 | 34·0 | 20·0 | 26·0 | 32·0 | 27·5 | 76 | 49 | 70 | 19·0 | 17·2 | 19·1 | 0 | 2 | 0 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 7·4 |
| 20 | 21·0 | 19·2 | 21·2 | 34·5 | 21·0 | 25·5 | 32·5 | 25·0 | 76 | 47 | 84 | 18·4 | 16·9 | 19·7 | 2 | 2 | 7 | SW | 2 | SSW | 3 | SW | 3 | 68·6 | 5·6 |
| 21 | 21·7 | 20·3 | 20·0 | 26·5 | 18·5 | 20·5 | 25·0 | 22·5 | 86 | 72 | 78 | 15·4 | 16·9 | 15·8 | 8 | 5 | 2 | WSW | 3 | SW | 3 | SW | 2 | Drops | 2·3 |
| 22 | 22·3 | 20·6 | 21·1 | 26·0 | 19·0 | 22·5 | 24·5 | 23·0 | 78 | 80 | 88 | 15·8 | 18·1 | 18·1 | 4 | 5 | 4 | SW | 2 | SW | 3 | SW | 2 | 6·0 | 2·7 |
| 23 | 21·3 | 19·3 | 21·1 | 32·5 | 19·5 | 24·0 | 30·5 | 24·0 | 79 | 55 | 83 | 17·5 | 18·2 | 18·4 | 2 | 2 | 3 | SW | 2 | SW | 2 | SW | 3 | 4·5 | 4·9 |
| 24 | 22·5 | 20·3 | 20·6 | 31·0 | 21·0 | 24·0 | 30·0 | 22·5 | 79 | 59 | 87 | 17·5 | 18·5 | 17·6 | 5 | 2 | 2 | SE | 2 | SSE | 4 | SE | 3 | 9·5 | 3·9 |
| 25 | 22·5 | 20·4 | 20·7 | 32·0 | 18·5 | 22·5 | 30·0 | 23·5 | 87 | 55 | 87 | 17·6 | 17·5 | 18·7 | 2 | 3 | 1 | SW | 2 | SW | 3 | SW | 2 | 0·0 | 3·5 |
| 26 | 23·1 | 21·3 | 21·0 | 33·0 | 20·0 | 25·0 | 32·5 | 28·5 | 76 | 47 | 61 | 17·8 | 16·9 | 17·5 | 2 | 3 | 3 | SW | 2 | SW | 3 | SW | 3 | 0·0 | 6·4 |
| 27 | 22·2 | 20·0 | 19·9 | 34·0 | 21·0 | 26·0 | 33·0 | 29·0 | 73 | 42 | 58 | 18·1 | 15·7 | 17·2 | 0 | 2 | 0 | SW | 2 | SE | 4 | SE | 2 | 0·0 | 6·8 |
| 28 | 22·0 | 20·3 | 19·6 | 34·5 | 21·5 | 25·5 | 33·0 | 27·5 | 72 | 44 | 70 | 17·5 | 16·6 | 19·1 | 1 | 2 | 0 | NW | 2 | SE | 2 | SE | 2 | 0·0 | 6·5 |
| 29 | 21·8 | 19·8 | 19·6 | 35·0 | 21·5 | 26·0 | 33·0 | 28·0 | 73 | 47 | 63 | 18·1 | 17·6 | 17·8 | 1 | 2 | 1 | SE | 2 | SE | 2 | SW | 3 | 0·0 | 6·2 |
| 30 | 21·7 | 19·2 | 20·7 | 36·0 | 21·5 | 25·5 | 34·0 | 27·5 | 76 | 43 | 67 | 18·4 | 17·0 | 18·1 | 1 | 0 | 1 | SE | 2 | SE | 3 | SE | 2 | 0·0 | 7·2 |
| 31 | 20·9 | 18·7 | 18·4 | 37·0 | 22·5 | 27·0 | 36·0 | 29·0 | 69 | 36 | 61 | 18·4 | 15·8 | 18·1 | 1 | 2 | 1 | SW | 2 | SW | 2 | SW | 2 | 49·0 | 6·2 |
| Month | 22·26 | 20·28 | 20·49 | 32·0 | 20·4 | 24·4 | 30·5 | 25·0 | 78 | 55 | 76 | 17·6 | 17·5 | 17·8 | 3·0 | 3·0 | 3·5 | — | 2·3 | — | 2·5 | — | 2·6 | 229·0 | 4·81 |

**Remarks:—**

# WAU.

$\varphi = 7° 42'$ N. $\lambda = 28° 3'$ E. H = 440·0 m. $h_t = 1·2$ m. $h_r = 1·3$ m.

$C_h = +37$ mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct | Force | 14 h Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·4 | 19·5 | 18·6 | 33·0 | 18·5 | 23·5 | 31·0 | 27·0 | 79 | 53 | 73 | 17·0 | 17·9 | 19·4 | 7 | 1 | 3 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 5·0 |
| 2 | 21·9 | 20·4 | 20·3 | 33·5 | 21·0 | 25·5 | 32·0 | 23·5 | 72 | 49 | 89 | 17·5 | 17·2 | 19·1 | 2 | 1 | 1 | SE | 3 | SE | 2 | SW | 3 | 0·0 | 4·7 |
| 3 | 21·2 | 19·2 | 19·5 | 32·0 | 20·0 | 25·0 | 31·0 | 23·0 | 72 | 48 | 96 | 16·9 | 15·9 | 20·0 | 4 | 1 | 1 | SW | 3 | SW | 2 | SW | 3 | 12·6 | 4·0 |
| 4 | 22·4 | 19·3 | 21·4 | 35·0 | 20·0 | 23·5 | 33·0 | 24·5 | 79 | 44 | 76 | 17·0 | 16·6 | 17·2 | 4 | 2 | 7 | NE | 2 | SE | 2 | SE | 2 | 13·8 | 4·0 |
| 5 | 21·3 | 19·4 | 19·0 | 34·0 | 20·0 | 23·5 | 32·5 | 25·5 | 79 | 47 | 70 | 17·0 | 16·9 | 18·4 | 4 | 2 | 2 | SW | 3 | SW | 2 | SW | 2 | 0·0 | 4·2 |
| 6 | 22·1 | 20·1 | 20·1 | 34·0 | 21·0 | 24·5 | 32·0 | 26·0 | 80 | 49 | 80 | 18·1 | 17·2 | 20·0 | 2 | 3 | 1 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 4·5 |
| 7 | 22·0 | 19·8 | 19.5 | 34·5 | 20·0 | 25·0 | 33·0 | 26·0 | 76 | 47 | 73 | 17·8 | 17·6 | 18·1 | 2 | 0 | 1 | SW | 2 | SW | 2 | SW | 2 | 0·0 | 6·0 |
| 8 | 21·9 | 20·0 | 22·4 | 34·5 | 20·0 | 26·0 | 33·0 | 23·0 | 73 | 47 | 83 | 18·1 | 17·6 | 17·3 | 2 | 0 | 3 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 5·5 |
| 9 | 22·2 | 20·1 | 21·8 | 34·5 | 21·0 | 25·0 | 33·5 | 23·5 | 80 | 45 | 79 | 18·7 | 17·3 | 17·0 | 0 | 2 | 5 | SE | 2 | SE | 2 | SE | 4 | 0·0 | 4·5 |
| 10 | 22·3 | 19·9 | 19·9 | 35·0 | 20·5 | 22·5 | 33·5 | 25·5 | 87 | 47 | 76 | 17·6 | 18·3 | 18·4 | 6 | 2 | 0 | NW | 3 | SE | 2 | NW | 3 | 2·0 | 3·8 |
| 11 | 20·1 | 18·4 | 19·1 | 34·0 | 20·5 | 24·0 | 32·5 | 26·5 | 83 | 41 | 63 | 18·4 | 15·0 | 16·0 | 2 | 2 | 6 | NE | 3 | SE | 3 | SW | 2 | 0·0 | 4·9 |
| 12 | 21·9 | 20·0 | 20·3 | 32·0 | 20·2 | 23·5 | 31·5 | 24·8 | 79 | 48 | 81 | 17·0 | 16·6 | 18·8 | 4 | 2 | 2 | NW | 4 | SW | 3 | NE | 3 | 0·0 | 5·2 |
| 13 | 21·3 | 19·4 | 20·7 | 34·0 | 21·0 | 26·0 | 32·5 | 27·0 | 76 | 47 | 69 | 19·0 | 16·9 | 18·4 | 0 | 2 | 0 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 5·8 |
| 14 | 21·6 | 20·1 | 20·0 | 34·0 | 21·5 | 27·0 | 31·0 | 24·0 | 71 | 42 | 83 | 18·8 | 14·1 | 18·4 | 0 | 7 | 2 | SE | 3 | SW | 4 | SW | 2 | 0·0 | 4·0 |
| 15 | 22·1 | 20·1 | 19·7 | 33·0 | 20·0 | 24·8 | 30·0 | 23·0 | 81 | 55 | 88 | 18·8 | 17·5 | 18·1 | 0 | 6 | 2 | SE | 2 | SW | 4 | SW | 3 | 0·0 | 3·5 |
| 16 | 22·2 | 20·7 | 19·8 | 34·5 | 21·0 | 23·0 | 33·0 | 27·5 | 91 | 37 | 63 | 19·0 | 13·8 | 17·2 | 7 | 3 | 2 | NE | 2 | SE | 4 | NW | 2 | 0·0 | 5·6 |
| 17 | 21·8 | 20·3 | 20·0 | 32·5 | 21·5 | 25·0 | 30·0 | 24·5 | 76 | 50 | 80 | 17·8 | 15·6 | 18·1 | 0 | 7 | 4 | SW | 2 | SE | 4 | SW | 2 | 0·0 | 3·8 |
| 18 | 22·0 | 19·9 | 20·1 | 34·5 | 20·0 | 24·0 | 32·5 | 22·0 | 79 | 44 | 91 | 17·5 | 16·0 | 17·9 | 2 | 6 | 8 | SW | 2 | SE | 2 | SW | 4 | 22·4 | 5·8 |
| 19 | 21·2 | 19·6 | 21·3 | 31·0 | 19·0 | 24·5 | 27·0 | 22·3 | 83 | 60 | 88 | 19·0 | 15·7 | 17·7 | 7 | 5 | 3 | SW | 2 | SW | 3 | SE | 4 | 6·4 | 2·0 |
| 20 | 22·3 | 20·2 | 21·4 | 33·0 | 18·5 | 22·5 | 32·0 | 28·0 | 87 | 51 | 70 | 17·6 | 17·8 | 19·7 | 3 | 2 | 4 | SE | 2 | SE | 4 | SE | 2 | 0·0 | 4·1 |
| 21 | 22·4 | 20·2 | 18·7 | 35·0 | 20·0 | 22·5 | 29·5 | 28·0 | 87 | 55 | 77 | 17·6 | 16·9 | 21·7 | 0 | 2 | 2 | SW | 3 | SE | 4 | NE | 2 | 0·0 | 5·3 |
| 22 | 21·0 | 19·3 | 20·6 | 34·0 | 21·5 | 27·0 | 30·0 | 27·8 | 66 | 59 | 66 | 17·5 | 18·5 | 18·3 | 2 | 2 | 0 | SE | 2 | SW | 4 | SW | 2 | 0·0 | 6·0 |
| 23 | 21·8 | 19·8 | 22·2 | 34·5 | 21·5 | 27·5 | 32·0 | 21·0 | 63 | 52 | 87 | 17·2 | 18·2 | 15·9 | 2 | 6 | 8 | SW | 2 | SW | 3 | SE | 3 | 29·7 | 4·5 |
| 24 | 22·8 | 20·6 | 21·5 | 32·0 | 19·0 | 21·5 | 31·0 | 26·5 | 91 | 53 | 77 | 17·3 | 17·9 | 19·7 | 5 | 0 | 0 | SE | 3 | SW | 2 | SW | 3 | 0·0 | 3·5 |
| 25 | 21·2 | 19·2 | 19·6 | 35·0 | 19·0 | 25·0 | 33·0 | 25·0 | 80 | 47 | 84 | 18·7 | 17·6 | 19·7 | 2 | 2 | 4 | SW | 2 | SE | 2 | SW | 3 | 0·0 | 5·2 |
| 26 | 21·0 | 19·2 | 19·3 | 36·0 | 21·0 | 25·2 | 33·2 | 25·0 | 82 | 49 | 76 | 19·6 | 18·5 | 17·8 | 0 | 2 | 0 | NW | 2 | SW | 2 | SW | 3 | 0·0 | 6·7 |
| 27 | 21·0 | 17·2 | 18·7 | 36·0 | 21·0 | 26·0 | 33·5 | 27·0 | 66 | 45 | 73 | 16·3 | 17·3 | 19·4 | 2 | 0 | 0 | SW | 2 | SE | 2 | SE | 3 | 0·0 | 6·7 |
| 28 | 20·4 | 18·6 | 19·2 | 37·5 | 21·0 | 27·0 | 34·0 | 26·0 | 73 | 45 | 76 | 19·4 | 18·0 | 19·0 | 2 | 0 | 1 | NW | 2 | SW | 2 | NW | 2 | 0·0 | 7·9 |
| 29 | 21·1 | 18·8 | 19·0 | 37·0 | 21·0 | 25·0 | 34·5 | 27·0 | 68 | 44 | 63 | 16·0 | 17·7 | 16·6 | 5 | 0 | 2 | NW | 5 | SE | 2 | NW | 2 | 0·0 | 6·7 |
| 30 | 20·1 | 18·4 | 18·4 | 37·0 | 21·5 | 27·5 | 34·0 | 24·5 | 67 | 45 | 87 | 18·1 | 18·0 | 20·0 | 0 | 2 | 5 | SE | 2 | SW | 2 | SW | 4 | 0·0 | 6·0 |
| Month | 21·60 | 19·59 | 20·07 | 34·2 | 20·4 | 24·8 | 32·0 | 25·2 | 78 | 48 | 78 | 17·9 | 17·0 | 18·4 | 2·6 | 2·4 | 2·6 | — | 2·4 | — | 2·6 | — | 2·6 | 86·9 | 4·98 |

**Remarks:—**

$C_h = +37$ mm.

## October 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct | Force | 14 h Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18·9 | 17·3 | 19·4 | 35·0 | 21·0 | 25·0 | 32·5 | 22·5 | 84 | 49 | 92 | 19·7 | 17·9 | 18·5 | 2 | 0 | 6 | SW | 2 | SE | 2 | SE | 4 | 7·0 | 3·4 |
| 2 | 22·3 | 20·3 | 22·0 | 35·0 | 19·5 | 23·0 | 32·5 | 25·5 | 83 | 47 | 80 | 17·3 | 16·9 | 19·3 | 3 | 0 | 0 | SW | 3 | SW | 2 | SE | 3 | 0·0 | 4·1 |
| 3 | 22·2 | 20·2 | 20·0 | 35·5 | 21·0 | 25·0 | 33·5 | 28·8 | 84 | 42 | 72 | 19·7 | 16·3 | 21·2 | 2 | 0 | 0 | SW | 2 | SE | 2 | SE | 2 | 0·0 | 8·7 |
| 4 | 22·0 | 19·9 | 22·6 | 35·0 | 21·5 | 26·0 | 33·0 | 22·0 | 80 | 44 | 96 | 20·0 | 16·6 | 18·7 | 0 | 2 | 8 | SE | 2 | SW | 2 | SE | 4 | 25·0 | 3·1 |
| 5 | 21·5 | 19·2 | 20·8 | 34·5 | 19·5 | 21·0 | 32·0 | 25·0 | 91 | 49 | 84 | 16·8 | 17·2 | 19·7 | 6 | 2 | 2 | NW | 3 | SW | 2 | SE | 3 | 0·0 | 4·2 |
| 6 | 21·4 | 19·1 | 19·8 | 33·0 | 20·5 | 23·0 | 31·5 | 26·0 | 88 | 54 | 76 | 18·1 | 18·5 | 19·0 | 4 | 2 | 1 | SE | 3 | SW | 3 | NW | 3 | 0·0 | 4·0 |
| 7 | 20·9 | 19·0 | 21·6 | 34·0 | 20·5 | 24·5 | 32·0 | 22·5 | 80 | 41 | 95 | 18·1 | 14·4 | 19·3 | 4 | 5 | 8 | SW | 2 | SW | 3 | NW | 1 | 27·0 | 3·5 |
| 8 | 21·2 | 19·4 | 20·9 | 30·5 | 19·5 | 23·0 | 30·0 | 24·0 | 88 | 59 | 87 | 18·1 | 18·5 | 19·3 | 4 | 1 | 1 | SW | 4 | SE | 2 | SW | 3 | 0·0 | 3·2 |
| 9 | 21·1 | 19·1 | 18·9 | 34·0 | 21·0 | 25·0 | 32·8 | 25·0 | 84 | 40 | 80 | 19·7 | 14·8 | 18·7 | 0 | 1 | 2 | SE | 2 | SE | 4 | SE | 2 | 0·0 | 4·3 |
| 10 | 22·4 | 20·2 | 22·0 | 30·5 | 20·5 | 24·0 | 29·5 | 21·0 | 83 | 55 | 95 | 18·4 | 16·9 | 17·6 | 3 | 6 | 6 | SE | 2 | SE | 4 | SE | 1 | 3·0 | 2·5 |
| 11 | 22·1 | 20·1 | 22·3 | 34·0 | 19·5 | 22·5 | 32·5 | 23·0 | 87 | 47 | 91 | 17·6 | 16·9 | 19·0 | 4 | 3 | 6 | SE | 3 | SW | 2 | SE | 4 | 3·8 | 2·9 |
| 12 | 22·2 | 20·1 | 21·7 | 32·5 | 21·5 | 23·0 | 31·0 | 26·5 | 91 | 48 | 63 | 19·0 | 15·9 | 16·0 | 6 | 2 | 0 | SE | 4 | SW | 2 | SW | 2 | 0·0 | 4·9 |
| 13 | 24·2 | 22·0 | 21·3 | 31·0 | 20·5 | 22·5 | 30·0 | 25·0 | 87 | 53 | 80 | 17·6 | 16·6 | 18·7 | 5 | 4 | 5 | SSW | 4 | SE | 3 | SE | 3 | 0·0 | 3·2 |
| 14 | 22·2 | 19·9 | 19·8 | 34·5 | 19·5 | 23·0 | 33·0 | 25·0 | 88 | 42 | 80 | 18·1 | 15·7 | 18·9 | 4 | 2 | 0 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 5·2 |
| 15 | 21·0 | 20·1 | 21·5 | 32·0 | 21·0 | 26·0 | 31·0 | 28·0 | 73 | 50 | 63 | 18·1 | 16·9 | 17·8 | 0 | 2 | 3 | SSE | 2 | SE | 2 | SE | 2 | 0·0 | 6·8 |
| 16 | 22·3 | 21·9 | 23·1 | 29·0 | 21·5 | 24·0 | 27·0 | 25·0 | 79 | 60 | 76 | 17·5 | 15·7 | 17·8 | 7 | 2 | 4 | SW | 3 | SW | 5 | SW | 1 | Drops | 3·4 |
| 17 | 22·7 | 20·2 | 21·7 | 35·0 | 20·0 | 25·0 | 32·5 | 26·5 | 72 | 44 | 69 | 16·9 | 16·0 | 17·8 | 0 | 2 | 1 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 6·4 |
| 18 | 21·9 | 19·6 | 19·7 | 37·0 | 20·5 | 25·5 | 35·0 | 27·0 | 76 | 37 | 66 | 18·4 | 15·4 | 17·5 | 2 | 0 | 1 | SE | 2 | SE | 2 | SW | 2 | 0·0 | 6·5 |
| 19 | 20·7 | 19·2 | 18·8 | 38·0 | 21·0 | 26·5 | 36·5 | 28·5 | 69 | 28 | 64 | 17·8 | 12·6 | 18·4 | 2 | 0 | 1 | SW | 2 | SE | 2 | NE | 2 | 0·0 | 8·5 |
| 20 | 19·6 | 17·8 | 19·9 | 38·0 | 20·0 | 27·0 | 37·0 | 25·7 | 66 | 28 | 66 | 17·5 | 13·2 | 16·0 | 0 | 1 | 4 | NW | 2 | SW | 2 | SE | 4 | 0·0 | 6·8 |
| 21 | 21·4 | 20.0 | 20·3 | 31·5 | 19·7 | 23·0 | 23·2 | 23·0 | 78 | 94 | 93 | 16·4 | 19·8 | 19·4 | 6 | 6 | 2 | SW | 4 | SW | 3 | SW | 3 | 14·0 | 2·6 |
| 22 | 22·1 | 20.0 | 20·4 | 35·0 | 19·8 | 24·0 | 32·0 | 20·8 | 83 | 43 | 95 | 18·4 | 15·3 | 17·2 | 2 | 0 | 7 | SW | 3 | SE | 2 | SW | 3 | 8·5 | 6·2 |
| 23 | 21·9 | 20·2 | 20·1 | 35·0 | 19·0 | 24·0 | 32·0 | 25·0 | 79 | 46 | 84 | 17·5 | 16·3 | 19·7 | 2 | 2 | 0 | SW | 2 | SW | 2 | SW | 2 | 4·0 | 3·5 |
| 24 | 22·1 | 20.0 | 19·9 | 33·5 | 20·5 | 23·0 | 32·0 | 28·0 | 83 | 49 | 70 | 17·3 | 17·2 | 19·7 | 2 | 2 | 1 | SW | 2 | SE | 2 | SE | 2 | 0·0 | 5·5 |
| 25 | 22·0 | 20·4 | 20·9 | 34·0 | 21·0 | 25·0 | 33·0 | 22·5 | 68 | 39 | 95 | 16·0 | 14·7 | 19·3 | 5 | 2 | 2 | SW | 3 | SE | 2 | SE | 2 | 5·2 | 4·9 |
| 26 | 21·2 | 19·3 | 21·5 | 31·5 | 20·0 | 24·5 | 29·5 | 22·0 | 83 | 61 | 87 | 19·0 | 18·8 | 17·0 | 2 | 5 | 6 | SW | 4 | SE | 4 | SE | 4 | 0·0 | 3·5 |
| 27 | 23·3 | 18·2 | 21·0 | 32·5 | 19·0 | 21·0 | 32·0 | 27·5 | 94 | 49 | 67 | 17·3 | 17·2 | 18·1 | 0 | 4 | 2 | NE | 4 | SE | 2 | SE | 2 | 0·0 | 5·1 |
| 28 | 22·0 | 20·5 | 20·6 | 33·5 | 21·0 | 24·2 | 31·5 | 22·5 | 76 | 51 | 95 | 16·9 | 17·5 | 19·3 | 2 | 4 | 2 | SW | 2 | SE | 3 | SW | 3 | 21·0 | 3·1 |
| 29 | 22·1 | 20·2 | 21·8 | 33·0 | 19·5 | 24·8 | 32·0 | 25·0 | 77 | 43 | 58 | 17·9 | 15·3 | 13·5 | 0 | 2 | 2 | SW | 2 | SSE | 2 | SW | 2 | 0·0 | 4·6 |
| 30 | 21·5 | 19·0 | 21·2 | 34·5 | 18·0 | 22·5 | 34·2 | 22·0 | 70 | 20 | 66 | 14·2 | 7·8 | 12·9 | 0 | 0 | 0 | NE | 3 | NE | 4 | NE | 3 | 0·0 | 5·4 |
| 31 | 21·7 | 19·5 | 20·8 | 34·5 | 16·0 | 20·0 | 34·2 | 24·5 | 81 | 15 | 53 | 14·1 | 6·2 | 12·2 | 0 | 0 | 0 | NE | 3 | NE | 3 | SE | 2 | 0·0 | 8·5 |
| Month | 21·75 | 19·74 | 20·85 | 33·8 | 20·1 | 23·9 | 31·9 | 24·7 | 81 | 46 | 79 | 17·7 | 15·8 | 18·0 | 2·5 | 2·1 | 2·7 | — | 2·7 | — | 2·5 | — | 2·5 | 118·5 | 4·79 |

**Remarks:—**

# WAU.

$\varphi = 7° 42'$ N. $\lambda = 28° 3'$ E. H = 440·0 m. $h_t = 1·2$ m. $h_r = 1·3$ m.

$C_h$ = + 37 mm.

## November 1913.

| Date | Standard Pressure (mm.) 8 h. | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h | 20 h | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direpct. | Force | 20 h Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 700 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 21·3 | 19·0 | 19·4 | 35·0 | 16·0 | 22·5 | 34·5 | 23·8 | 66 | 14 | 54 | 13·4 | 6·0 | 11·8 | 0 | 0 | 0 | SE | 2 | SE | 2 | SE | 2 | 0·0 | 7·2 |
| 2 | 21·4 | 19·0 | 18·9 | 35·0 | 16·0 | 23·5 | 34·5 | 26·5 | 56 | 14 | 37 | 12·0 | 6·0 | 9·4 | 0 | 0 | 0 | SE | 2 | NE | 3 | NE | 3 | 0·0 | 8·1 |
| 3 | 22·0 | 19·2 | 21·5 | 35·5 | 17·0 | 23·0 | 35·1 | 24·0 | 44 | 13 | 50 | 9·2 | 5·5 | 10·9 | 0 | 0 | 0 | NE | 3 | NE | 2 | NW | 3 | 0·0 | 9·0 |
| 4 | 21·3 | 18·9 | 20·8 | 37·0 | 17·0 | 24·0 | 34·0 | 26·2 | 33 | 18 | 41 | 7·2 | 7·2 | 10·3 | 0 | 0 | 0 | NE | 3 | NE | 2 | NW | 2 | 0·0 | 8·9 |
| 5 | 21·8 | 20·0 | 19·8 | 35·5 | 18·0 | 25·0 | 35·0 | 26·0 | 22 | 15 | 42 | 5·2 | 6·6 | 10·5 | 0 | 0 | 0 | NW | 4 | NE | 3 | NW | 2 | 0·0 | 11·1 |
| 6 | 22·2 | 20·0 | 21·8 | 36·0 | 17·0 | 27·0 | 35·5 | 27·0 | 33 | 14 | 37 | 8·6 | 6·2 | 9·8 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 3 | 0·0 | 10·5 |
| 7 | 23·2 | 20·8 | 20·7 | 35·0 | 16·5 | 26·5 | 34·5 | 26·0 | 34 | 14 | 39 | 8·6 | 6·0 | 9·7 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 13·0 |
| 8 | 22·4 | 20·4 | 22·0 | 35·5 | 17·0 | 25·0 | 35·0 | 27·0 | 28 | 12 | 31 | 6·6 | 5·0 | 8·3 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 3 | 0·0 | 11·7 |
| 9 | 21·9 | 19·9 | 21·7 | 36·0 | 15·0 | 26·0 | 35·3 | 27·0 | 21 | 5 | 34 | 5·3 | 2·0 | 9·1 | 0 | 0 | 0 | NE | 3 | NE | 3 | NE | 2 | 0·0 | 12·0 |
| 10 | 22·8 | 20·4 | 22·8 | 36·5 | 16·0 | 25·0 | 35·5 | 26·0 | 28 | 11 | 33 | 6·6 | 4·7 | 8·2 | 0 | 0 | 0 | NE | 2 | NE | 2 | NE | 3 | 0·0 | 13·1 |
| 11 | 22·1 | 20·2 | 20·3 | 36·0 | 16·5 | 25·5 | 35·0 | 25·0 | 24 | 10 | 25 | 5·6 | 4·2 | 5·9 | 0 | 0 | 0 | NE | 3 | NE | 4 | NE | 3 | 0·0 | 12·0 |
| 12 | 21·3 | 18·9 | 18·7 | 36·0 | 17·0 | 23·0 | 36·0 | 27·5 | 31 | 12 | 27 | 6·4 | 5·1 | 7·3 | 0 | 0 | 0 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 14·0 |
| 13 | 21·9 | 19·6 | 19·6 | 36·5 | 17·2 | 25·5 | 35·5 | 27·3 | 24 | 16 | 39 | 5·6 | 7·0 | 10·5 | 0 | 0 | 0 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 14·3 |
| 14 | 20·7 | 18·9 | 20·6 | 36·5 | 16·5 | 27·0 | 36·0 | 28·0 | 37 | 15 | 38 | 9·8 | 6·7 | 10·7 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 3 | 0·0 | 14·5 |
| 15 | 20·7 | 18·9 | 21·0 | 34·5 | 17·5 | 27·5 | 33·5 | 26·5 | 41 | 28 | 56 | 11·2 | 10·8 | 14·3 | 0 | 2 | 4 | NE | 2 | NE | 4 | NW | 3 | 0·0 | 6·5 |
| 16 | 22·8 | 19·7 | 21·7 | 36·0 | 21·5 | 25·5 | 35·5 | 27·0 | 65 | 25 | 56 | 15·7 | 10·4 | 14·8 | 5 | 2 | 3 | SW | 3 | SE | 6 | SE | 2 | 0·0 | 7·5 |
| 17 | 22·3 | 19·0 | 20·5 | 36·0 | 22·0 | 25·5 | 34·5 | 28·5 | 62 | 26 | 39 | 14·9 | 10·5 | 11·3 | 2 | 2 | 0 | SE | 2 | SE | 2 | NE | 2 | 0·0 | 7·0 |
| 18 | 21·8 | 19·6 | 19·8 | 37·0 | 19·0 | 26·2 | 36·0 | 29·0 | 47 | 17 | 31 | 11·9 | 7·6 | 9·4 | 0 | 0 | 0 | NE | 2 | NE | 4 | NE | 2 | 0·0 | 12·8 |
| 19 | 20·2 | 18·0 | 19·4 | 38·0 | 22·0 | 24·5 | 36·5 | 29·0 | 47 | 12 | 27 | 10·6 | 5·6 | 8·0 | 1 | 0 | 0 | SE | 3 | NE | 2 | NE | 2 | 0·0 | 13·0 |
| 20 | 21·2 | 18·9 | 20·6 | 37·5 | 17·5 | 24·0 | 36·5 | 27·5 | 46 | 14 | 19 | 10·1 | 6·4 | 5·1 | 0 | 0 | 0 | SE | 3 | SE | 4 | NE | 2 | 0·0 | 11·8 |
| 21 | 20·8 | 18·7 | 20·3 | 37·0 | 19·5 | 25·5 | 36·0 | 28·0 | 24 | 15 | 33 | 5·6 | 6·7 | 9·2 | 0 | 0 | 0 | NE | 4 | NE | 2 | SE | 3 | 0·0 | 13·1 |
| 22 | 20·0 | 18·4 | 20·2 | 37·2 | 19·0 | 25·3 | 36·0 | 29·0 | 42 | 13 | 29 | 10·1 | 5·9 | 8·6 | 0 | 0 | 0 | NE | 3 | NE | 2 | SE | 4 | 0·0 | 13·4 |
| 23 | 21·1 | 18·9 | 19·1 | 36·0 | 19·0 | 24·5 | 35·0 | 27·0 | 36 | 15 | 31 | 8·3 | 6·6 | 8·3 | 0 | 0 | 0 | NE | 5 | SE | 2 | NE | 2 | 0·0 | 15·0 |
| 24 | 20·9 | 18·9 | 19·9 | 35·0 | 18·5 | 25·0 | 33·9 | 26·5 | 34 | 14 | 20 | 8·0 | 5·6 | 5·0 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 11·3 |
| 25 | 21·0 | 18·4 | 20·3 | 35·0 | 18·0 | 24·5 | 34·5 | 25·5 | 24 | 11 | 26 | 5·5 | 4·5 | 6·3 | 0 | 0 | 0 | NE | 3 | NE | 4 | NE | 2 | 0·0 | 12·5 |
| 26 | 28·8 | 20·7 | 20·8 | 35·0 | 17·0 | 22·0 | 34·5 | 25·0 | 32 | 9 | 25 | 6·4 | 3·7 | 5·9 | 0 | 0 | 0 | NE | 4 | NE | 3 | NE | 2 | 0·0 | 12·5 |
| 27 | 20·7 | 18·1 | 19·7 | 36·0 | 18·5 | 23·5 | 35·0 | 27·0 | 29 | 13 | 18 | 6·1 | 5·3 | 4·7 | 0 | 0 | 0 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 13·0 |
| 28 | 20·9 | 18·9 | 20·6 | 36·0 | 19·0 | 28·0 | 35·5 | 27·5 | 15 | 14 | 19 | 4·1 | 6·2 | 5·1 | 0 | 0 | 0 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 13·0 |
| 29 | 20·9 | 18·8 | 20·9 | 36·5 | 19·5 | 25·5 | 35·0 | 28·5 | 29 | 14 | 24 | 7·0 | 5·9 | 6·6 | 0 | 0 | 0 | NE | 5 | NE | 4 | NE | 4 | 0·0 | 13·2 |
| 30 | 20·2 | 18·2 | 19·6 | 38·0 | 19·5 | 27·0 | 37·0 | 29·5 | 46 | 24 | 37 | 12·2 | 11·3 | 11·4 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 14·5 |
| Month | 21·50 | 19·24 | 20·43 | 36·1 | 18·1 | 25·1 | 35·2 | 26·9 | 37 | 15 | 34 | 8·6 | 6·4 | 8·9 | 0·3 | 0·2 | 0·2 | — | 3·2 | — | 2·7 | — | 2·4 | 0·0 | 11·65 |

**Remarks:—**

$C_h$ = + 37 mm.

## December 1913.

| Date | 8 h. | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h | 20 h | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direpct. | Force | 20 h Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20·6 | 18·5 | 18·4 | 38·2 | 19·8 | 28·5 | 37·5 | 30·0 | 37 | 19 | 38 | 10·5 | 9·2 | 12·1 | 0 | 0 | 0 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 15·2 |
| 2 | 20·6 | 18·2 | 20·0 | 39·0 | 20·0 | 26·0 | 37·5 | 30·5 | 59 | 20 | 36 | 14·6 | 9·9 | 11·8 | 0 | 0 | 0 | SE | 3 | NE | 2 | NE | 3 | 0·0 | 17·3 |
| 3 | 20·8 | 18·7 | 20·1 | 37·5 | 19·5 | 26·0 | 37·0 | 29·5 | 45 | 18 | 32 | 11·3 | 8·6 | 9·9 | 0 | 0 | 0 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 15·4 |
| 4 | 20·0 | 17·9 | 17·5 | 37·0 | 19·5 | 25·5 | 36·0 | 29·0 | 44 | 19 | 30 | 10·6 | 8·4 | 9·1 | 0 | 0 | 0 | NE | 5 | NE | 2 | NE | 2 | 0·0 | 15·5 |
| 5 | 20·1 | 17·7 | 17·4 | 38·2 | 20·0 | 25·5 | 37·5 | 30·0 | 45 | 17 | 33 | 10·8 | 8·3 | 10·4 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 16·1 |
| 6 | 20·2 | 18·0 | 19·6 | 37·0 | 20·0 | 25·2 | 36·0 | 28·2 | 45 | 17 | 29 | 10·6 | 7·6 | 8·3 | 0 | 0 | 0 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 14·4 |
| 7 | 21·3 | 18·8 | 18·7 | 36·0 | 18·0 | 24·5 | 35·5 | 28·0 | 43 | 16 | 30 | 9·8 | 7·0 | 8·5 | 0 | 0 | 0 | NE | 4 | NE | 2 | NE | 2 | 0·0 | 13·0 |
| 8 | 22·2 | 18·9 | 19·9 | 36·0 | 18·5 | 24·0 | 34·0 | 24·0 | 42 | 12 | 39 | 9·4 | 4·8 | 8·7 | 0 | 0 | 0 | NE | 4 | NE | 4 | NE | 2 | 0·0 | 10·0 |
| 9 | 21·2 | 18·8 | 18·7 | 36·0 | 14·0 | 20·5 | 35·5 | 26·0 | 52 | 18 | 30 | 9·3 | 7·7 | 7·4 | 0 | 0 | 0 | NE | 3 | NE | 2 | NE | 2 | 0·0 | 13·0 |
| 10 | 20·6 | 18·2 | 19·9 | 38·0 | 14·0 | 24·5 | 36·0 | 27·0 | 30 | 15 | 26 | 6·9 | 6·7 | 6·8 | 0 | 0 | 0 | NE | 4 | NE | 3 | NE | 2 | 0·0 | 11·5 |
| 11 | 21·1 | 18·5 | 20·8 | 37·0 | 17·0 | 24·0 | 36·0 | 27·0 | 33 | 17 | 43 | 7·2 | 7·6 | 11·4 | 0 | 0 | 0 | NE | 5 | NW | 2 | NE | 2 | 0·0 | 13·5 |
| 12 | 22·9 | 20·6 | 22·6 | 36·0 | 21·0 | 24·5 | 35·0 | 26·0 | 50 | 24 | 55 | 11·4 | 9·9 | 13·7 | 0 | 0 | 0 | NW | 3 | NE | 2 | NE | 2 | 0·0 | 12·3 |
| 13 | 20·9 | 18·9 | 18·9 | 36·5 | 20·0 | 25·0 | 35·0 | 27·0 | 37 | 26 | 34 | 8·8 | 10·8 | 9·1 | 0 | 0 | 0 | SE | 3 | NE | 2 | NE | 2 | 0·0 | 11·7 |
| 14 | 20·8 | 18·3 | 20·0 | 37·0 | 17·5 | 25·3 | 36·5 | 26·0 | 39 | 23 | 36 | 9·3 | 10·7 | 8·9 | 0 | 0 | 0 | NW | 2 | NE | 2 | NE | 2 | 0·0 | 12·0 |
| 15 | 21·8 | 19·6 | 21·8 | 34·0 | 19·0 | 24·5 | 33·5 | 24·8 | 24 | 19 | 23 | 5·5 | 7·5 | 5·3 | 0 | 0 | 0 | SE | 4 | NE | 2 | SE | 2 | 0·0 | 12·2 |
| 16 | 24·1 | 21·4 | 21·2 | 34·5 | 14·5 | 24·5 | 34·5 | 26·0 | 24 | 12 | 21 | 5·5 | 5·3 | 5·3 | 0 | 0 | 0 | NE | 4 | SE | 2 | NE | 2 | 0·0 | 12·5 |
| 17 | 24·3 | 21·8 | 20·7 | 32·0 | 14·0 | 20·5 | 30·5 | 26·0 | 23 | 8 | 5 | 4·0 | 2·5 | 1·2 | 0 | 0 | 0 | NE | 4 | SE | 3 | NE | 3 | 0·0 | 16·7 |
| 18 | 24·4 | 21·6 | 22·2 | 31·5 | 14·0 | 21·0 | 30·0 | 24·0 | 22 | 7 | 20 | 4·1 | 2·1 | 4·5 | 0 | 0 | 0 | NE | 4 | NE | 4 | NE | 2 | 0·0 | 16·4 |
| 19 | 23·9 | 21·1 | 22·1 | 32·0 | 15·0 | 20·5 | 31·0 | 25·0 | 23 | 9 | 16 | 4·0 | 2·9 | 3·9 | 0 | 0 | 0 | NE | 5 | NE | 4 | NE | 2 | 0·0 | 17·2 |
| 20 | 24·4 | 21·6 | 23·1 | 33·5 | 16·0 | 21·0 | 32·0 | 25·0 | 14 | 11 | 16 | 2·5 | 3·8 | 3·9 | 0 | 0 | 0 | NE | 6 | NE | 3 | NE | 2 | 0·0 | 15·7 |
| 21 | 25·5 | 22·2 | 23·4 | 32·0 | 16·0 | 21·0 | 30·0 | 24·5 | 10 | 13 | 18 | 1·8 | 4·3 | 4·2 | 0 | 0 | 0 | NE | 5 | NW | 4 | NE | 2 | 0·0 | 15·0 |
| 22 | 25·1 | 22·2 | 23·7 | 31·0 | 15·0 | 21·0 | 30·5 | 23·5 | 7 | 5 | 16 | 1·2 | 1·5 | 3·5 | 0 | 0 | 0 | NE | 4 | NE | 3 | NE | 4 | 0·0 | 15·4 |
| 23 | 22·9 | 22·0 | 24·3 | 30·0 | 15·0 | 21·0 | 29·5 | 23·0 | 10 | 8 | 12 | 1·8 | 2·4 | 2·5 | 0 | 0 | 0 | NE | 6 | NNE | 3 | NE | 2 | 0·0 | 16·5 |
| 24 | 26·6 | 23·0 | 23·5 | 31·0 | 12·5 | 21·0 | 30·0 | 24·5 | 14 | 9 | 21 | 2·5 | 2·8 | 4·8 | 0 | 0 | 0 | NE | 7 | NE | 5 | NE | 2 | 0·0 | 13·4 |
| 25 | 25·2 | 22·2 | 23·4 | 34·0 | 12·5 | 20·5 | 33·0 | 24·5 | 16 | 4 | 7 | 2·8 | 2·7 | 1·5 | 0 | 0 | 0 | NE | 4 | NE | 3 | NE | 2 | 0·0 | 12·9 |
| 26 | 24·5 | 20·8 | 22·8 | 34·5 | 16·5 | 22·0 | 33·5 | 24·5 | 10 | 9 | 21 | 1·9 | 3·6 | 4·8 | 0 | 0 | 0 | NE | 5 | NE | 4 | NE | 2 | 0·0 | 12·6 |
| 27 | 24·4 | 19·7 | 21·7 | 35·0 | 16·0 | 22·0 | 35·0 | 27·0 | 19 | 6 | 23 | 3·8 | 2·7 | 6·1 | 0 | 0 | 0 | NE | 5 | NE | 3 | NE | 2 | 0·0 | 15·3 |
| 28 | 23·2 | 19·4 | 20·6 | 36·0 | 19·0 | 24·5 | 35·0 | 27·0 | 21 | 14 | 23 | 4·8 | 5·8 | 6·1 | 0 | 0 | 0 | NE | 5 | NE | 5 | NE | 2 | 0·0 | 12·6 |
| 29 | 21·4 | 18·9 | 20·9 | 37·0 | 18·5 | 22·5 | 35·5 | 29·0 | 37 | 18 | 21 | 7·4 | 7·9 | 6·3 | 0 | 0 | 0 | NE | 2 | NE | 2 | NE | 2 | 0·0 | 13·8 |
| 30 | 21·5 | 19·4 | 19·1 | 37·5 | 19·0 | 25·0 | 37·0 | 28·0 | 37 | 14 | 27 | 8·8 | 6·9 | 7·7 | 0 | 0 | 0 | NE | 2 | NE | 4 | NE | 2 | 0·0 | 13·5 |
| 31 | 22·3 | 20·4 | 20·8 | 37·5 | 18·5 | 23·8 | 37·0 | 29·5 | 43 | 14 | 29 | 9·5 | 6·9 | 9·1 | 7 | 0 | 0 | NE | 2 | NE | 4 | NE | 2 | 0·0 | 12·3 |
| Month | 22·51 | 19·91 | 20·90 | 35·2 | 17·2 | 23·4 | 34·3 | 26·6 | 31 | 14 | 26 | 6·9 | 6·1 | 7·0 | 0·2 | 0·0 | 0·0 | — | 4·0 | — | 2·9 | — | 2·1 | 0·0 | 14·03 |

**Remarks:—**

# MONGALLA.

$\varphi = 5° 11' N.$ $\lambda = 31° 46' 42'' E.$ $H = 439·0$ m. $h_t = 1·3$ m. $h_r = 1·0$ m.

$C_h = +37$ mm.

## January 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | Air Temperature (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | Wind Direction and Force (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·5 | 18·1 | 18·9 | 34·0 | 20·0 | 25·0 | 32·0 | 26·0 | 72 | 38 | 62 | 16·9 | 13·5 | 15·4 | 5 | 5 | 0 | W | 1 | W | 2 | SW | 1 | 0·0 | 7·0 |
| 2 | 21·7 | 18·2 | 19·1 | 35·0 | 19·0 | 24·0 | 33·5 | 26·5 | 67 | 33 | 59 | 14·9 | 12·6 | 15·1 | 0 | 0 | 0 | WNW | 1 | N | 3 | W | 1 | 0·0 | 7·5 |
| 3 | 21·5 | 17·0 | 18·4 | 35·5 | 18·0 | 23·5 | 34·0 | 27·5 | 67 | 33 | 60 | 14·4 | 13·2 | 16·3 | 5 | 0 | 0 | W | 2 | E | 2 | S | 1 | 0·0 | 6·5 |
| 4 | 20·7 | 16·9 | 18·4 | 36·0 | 20·0 | 24·0 | 34·0 | 27·0 | 75 | 31 | 56 | 16·6 | 12·3 | 14·8 | 0 | 5 | 0 | S | 1 | NNE | 1 | WNW | 1 | 0·0 | 7·5 |
| 5 | 20·5 | 18·2 | 18·9 | 35·5 | 18·5 | 25·0 | 33·0 | 26·5 | 61 | 34 | 59 | 14·3 | 12·9 | 15·1 | 5 | 5 | 0 | E | 1 | N | 2 | NW | 1 | 0·0 | 6·5 |
| 6 | 21·4 | 16·8 | 18·4 | 37·0 | 19·0 | 25·0 | 35·0 | 27·0 | 61 | 28 | 56 | 14·3 | 11·6 | 14·8 | 6 | 0 | 0 | N | 1 | NNE | 2 | N | 1 | 0·0 | 7·0 |
| 7 | 20·5 | 16·5 | 18·1 | 37·5 | 18·5 | 25·0 | 35·0 | 27·5 | 61 | 30 | 54 | 14·3 | 12·6 | 14·5 | 0 | 0 | 0 | WNW | 1 | N | 2 | NNW | 1 | 0·0 | 7·0 |
| 8 | 20·2 | 16·6 | 18·0 | 37·0 | 19·0 | 25·0 | 34·5 | 27·0 | 61 | 29 | 60 | 14·3 | 12·0 | 15·7 | 0 | 2 | 0 | NNE | 1 | NNE | 1 | WSW | 1 | 0·0 | 8·5 |
| 9 | 24·5 | 18·1 | 19·0 | 35·0 | 18·5 | 26·0 | 33·5 | 26·5 | 48 | 28 | 53 | 12·1 | 10·8 | 13·4 | 4 | 4 | 0 | N | 2 | WNW | 2 | NNE | 1 | 0·0 | 8·0 |
| 10 | 21·6 | 17·0 | 18·4 | 35·0 | 18·0 | 23·0 | 32·5 | 26·0 | 70 | 34 | 62 | 14·7 | 12·3 | 15·4 | 0 | 2 | 0 | SSW | 1 | N | 1 | SSW | 2 | 0·0 | 8·5 |
| 11 | 21·3 | 18·1 | 19·1 | 35·0 | 17·0 | 23·0 | 33·0 | 26·0 | 63 | 30 | 48 | 13·1 | 11·1 | 12·1 | 0 | 0 | 0 | W | 1 | W | 1 | NW | 1 | 0·0 | 8·0 |
| 12 | 21·5 | 18·2 | 19·3 | 36·0 | 17·5 | 23·0 | 33·5 | 27·0 | 59 | 28 | 46 | 12·3 | 10·8 | 12·2 | 3 | 4 | 0 | ESE | 1 | S | 1 | N | 1 | 0·0 | 7·0 |
| 13 | 21·5 | 17·2 | 18·9 | 36·0 | 17·0 | 24·0 | 34·0 | 27·0 | 53 | 27 | 43 | 11·7 | 10·5 | 11·4 | 0 | 0 | 0 | E | 1 | ESE | 1 | S | 1 | 0·0 | 8·0 |
| 14 | 21·7 | 16·8 | 18·4 | 37·0 | 17·5 | 24·0 | 35·0 | 27·5 | 53 | 28 | 47 | 11·7 | 11·6 | 12·8 | 0 | 0 | 0 | S | 1 | NNE | 1 | NNE | 1 | 0·0 | 7·5 |
| 15 | 20·6 | 17·0 | 18·4 | 36·5 | 18·0 | 23·0 | 34·0 | 26·5 | 66 | 22 | 46 | 13·9 | 8·8 | 11·7 | 3 | 4 | 0 | ESE | 1 | N | 1 | N | 1 | 0·0 | 8·0 |
| 16 | 20·4 | 17·4 | 19·2 | 36·0 | 17·0 | 25·0 | 33·5 | 27·5 | 47 | 28 | 41 | 11·1 | 10·8 | 11·2 | 0 | 4 | 0 | WNW | 1 | NNE | 1 | NNE | 1 | 0·0 | 7·0 |
| 17 | 21·6 | 18·1 | 19·8 | 37·0 | 17·5 | 24·0 | 35·0 | 28·0 | 53 | 28 | 51 | 11·7 | 11·6 | 14·2 | 4 | 2 | 0 | SE | 1 | N | 2 | W | 1 | 0·0 | 8·0 |
| 18 | 22·4 | 18·2 | 20·3 | 33·0 | 18·0 | 24·0 | 31·0 | 26·0 | 67 | 37 | 48 | 14·9 | 12·3 | 12·1 | 0 | 4 | 0 | E | 1 | NNE | 1 | WNW | 2 | 0·0 | 8·5 |
| 19 | 22·8 | 18·3 | 19·9 | 33·0 | 17·0 | 23·0 | 31·0 | 25·0 | 59 | 37 | 54 | 12·3 | 12·3 | 12·7 | 0 | 0 | 0 | SSW | 1 | N | 1 | N | 1 | 0·0 | 8·0 |
| 20 | 22·7 | 17·1 | 18·1 | 35·0 | 17·0 | 23·0 | 33·0 | 27·0 | 59 | 37 | 63 | 12·3 | 13·8 | 16·6 | 0 | 0 | 0 | ESE | 1 | WNW | 1 | W | 1 | 0·0 | 8·0 |
| 21 | 20·7 | 16·9 | 18·2 | 37·0 | 17·0 | 24·0 | 35·0 | 27·5 | 57 | 26 | 47 | 12·5 | 10·8 | 12·8 | 0 | 2 | 0 | W | 1 | W | 1 | NNE | 1 | 0·0 | 7·0 |
| 22 | 20·6 | 16·8 | 17·9 | 37·0 | 18·0 | 23·0 | 36·0 | 28·0 | 66 | 25 | 44 | 13·9 | 11·0 | 12·5 | 0 | 0 | 0 | WNW | 3 | NNE | 2 | N | 2 | 0·0 | 9·0 |
| 23 | 20·3 | 16·7 | 18·2 | 38·0 | 17·5 | 24·0 | 36·5 | 28·0 | 60 | 19 | 39 | 13·3 | 8·9 | 10·8 | 0 | 0 | 0 | W | 1 | N | 2 | WNW | 1 | 0·0 | 8·5 |
| 24 | 19·9 | 16·9 | 18·2 | 37·0 | 17·0 | 25·0 | 35·5 | 28·0 | 47 | 25 | 36 | 11·1 | 10·4 | 10·0 | 0 | 0 | 0 | NW | 1 | WNW | 2 | NNW | 1 | 0·0 | 8·0 |
| 25 | 20·9 | 16·8 | 18·1 | 37·0 | 17·5 | 25·0 | 35·0 | 28·0 | 47 | 26 | 44 | 11·1 | 10·8 | 12·5 | 0 | 0 | 0 | WNW | 1 | NNE | 2 | NNE | 1 | 0·0 | 8·0 |
| 26 | 20·6 | 17·0 | 18·0 | 37·0 | 18·0 | 24·0 | 35·5 | 28·0 | 60 | 22 | 39 | 13·3 | 9·6 | 10·8 | 0 | 0 | 0 | NNW | 1 | W | 2 | N | 1 | 0·0 | 8·0 |
| 27 | 20·5 | 16·1 | 18·0 | 38·0 | 17·0 | 24·0 | 36·0 | 29·0 | 53 | 20 | 34 | 11·7 | 9·3 | 10·2 | 0 | 2 | 0 | W | 2 | N | 1 | NNE | 3 | 0·0 | 9·0 |
| 28 | 20·2 | 16·6 | 18·0 | 38·5 | 17·0 | 25·0 | 37·0 | 30·0 | 51 | 22 | 41 | 11·9 | 10·4 | 13·0 | 0 | 4 | 2 | WNW | 1 | WNW | 2 | W | 4 | 0·0 | 10·0 |
| 29 | 20·3 | 17·1 | 18·0 | 37·0 | 18·0 | 26·0 | 35·5 | 28·0 | 55 | 27 | 51 | 13·7 | 11·3 | 14·2 | 2 | 6 | 8 | S | 1 | NNE | 2 | WNW | 1 | 0·0 | 8·0 |
| 30 | 20·6 | 16·8 | 18·2 | 37·0 | 18·0 | 25·0 | 35·0 | 28·0 | 58 | 32 | 57 | 13·5 | 13·5 | 16·0 | 5 | 5 | 0 | W | 2 | N | 2 | W | 1 | 0·0 | 8·0 |
| 31 | 20·1 | 16·9 | 17·8 | 37·5 | 19·0 | 25·0 | 35·0 | 28·0 | 61 | 32 | 57 | 14·3 | 13·5 | 16·0 | 2 | 6 | 0 | NNE | 1 | NNE | 2 | WNW | 1 | 0·0 | 8·5 |
| Month | 21·14 | 17·24 | 18·57 | 36·2 | 17·9 | 24·2 | 34·3 | 27·3 | 59 | 29 | 50 | 13·3 | 11·5 | 13·4 | 1·4 | 2·1 | 0·3 | — | 1·2 | — | 1·6 | — | 1·3 | 0·0 | 7·87 |

**Remarks:—**

$C_h = +37$ mm.

## February 1913.

| Date | 8 h. (700 +) | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20·4 | 15·9 | 17·1 | 38·0 | 20·0 | 26·0 | 36·0 | 30·0 | 62 | 29 | 47 | 15·4 | 12·9 | 14·7 | 4 | 2 | 0 | N | 35 | N | 3 | Calm | 0 | 0·0 | 8·5 |
| 2 | 19·9 | 15·9 | 17·7 | 38·0 | 20·0 | 26·0 | 36·0 | 29·0 | 62 | 29 | 52 | 15·4 | 12·9 | 15·3 | 0 | 2 | 0 | NE | 3 | ENE | 16 | NNW | 35 | 0·0 | 8·5 |
| 3 | 20·3 | 16·8 | 18·1 | 34·0 | 19·0 | 26·0 | 32·0 | 28·0 | 62 | 41 | 57 | 15·4 | 14·4 | 16·0 | 4 | 5 | 0 | ENE | 10 | E | 16 | N | 3 | 0·0 | 7·0 |
| 4 | 20·3 | 16·2 | 18·0 | 37·0 | 20·0 | 26·0 | 35·0 | 29·0 | 66 | 32 | 52 | 16·3 | 13·5 | 15·3 | 6 | 5 | 0 | E | 3 | E | 16 | Calm | 0 | 0·0 | 7·5 |
| 5 | 20·3 | 16·9 | 18·3 | 35·0 | 19·5 | 26·0 | 33·0 | 27·0 | 62 | 39 | 69 | 15·4 | 14·7 | 18·4 | 4 | 6 | 5 | ENE | 10 | NNE | 16 | NE | 3 | 3·0 | 5·0 |
| 6 | 20·4 | 18·0 | 19·4 | 33·0 | 21·0 | 24·0 | 31·5 | 27·0 | 83 | 46 | 66 | 18·4 | 15·6 | 17·5 | 8 | 8 | 6 | E | 3 | SSW | 3 | E | 3 | 0·0 | 4·0 |
| 7 | 21·7 | 19·1 | 20·5 | 32·5 | 21·0 | 23·0 | 31·0 | 25·0 | 91 | 45 | 76 | 19·0 | 15·0 | 17·8 | 10 | 8 | 4 | SE | 6 | ESE | 3 | ESE | 3 | 0·0 | 4·0 |
| 8 | 22·3 | 18·9 | 19·3 | 35·5 | 20·0 | 23·0 | 34·0 | 29·0 | 83 | 36 | 52 | 17·3 | 14·1 | 15·3 | 2 | 4 | 6 | SSE | 3 | E | 5 | NNE | 3 | 0·0 | 7·0 |
| 9 | 21·2 | 17·9 | 18·3 | 34·5 | 20·0 | 26·0 | 33·0 | 28·0 | 62 | 39 | 57 | 15·4 | 14·7 | 16·0 | 4 | 6 | 4 | NE | 6 | ENE | 6 | Calm | 0 | 0·0 | 5·0 |
| 10 | 20·2 | 17·1 | 18·3 | 34·0 | 20·0 | 24·0 | 32·0 | 28·0 | 79 | 43 | 60 | 17·5 | 15·3 | 16·9 | 6 | 8 | 0 | ENE | 3 | E | 10 | N | 35 | 0·0 | 5·0 |
| 11 | 20·4 | 17·2 | 18·4 | 35·0 | 19·5 | 23·0 | 33·5 | 27·5 | 83 | 38 | 63 | 17·3 | 14·4 | 17·2 | 9 | 8 | 4 | Calm | 0 | ESE | 35 | Calm | 0 | 3·0 | 5·0 |
| 12 | 20·6 | 15·9 | 16·9 | 37·0 | 21·0 | 24·0 | 35·0 | 30·0 | 83 | 32 | 50 | 18·4 | 13·5 | 15·6 | 2 | 4 | 8 | Calm | 0 | ENE | 10 | Calm | 0 | 0·0 | 5·0 |
| 13 | 18·6 | 14·7 | 16·2 | 38·0 | 20·0 | 27·0 | 36·0 | 30·0 | 60 | 27 | 44 | 15·7 | 11·9 | 13·8 | 0 | 2 | 0 | Calm | 0 | ESE | 10 | ENE | 13 | 0·0 | 5·0 |
| 14 | 18·6 | 15·7 | 16·3 | 37·0 | 19·5 | 25·0 | 35·0 | 29·0 | 68 | 30 | 49 | 16·0 | 12·6 | 14·5 | 8 | 6 | 0 | ESE | 6 | NE | 35 | NE | 10 | 0·0 | 5·0 |
| 15 | 18·3 | 15·6 | 16·2 | 37·5 | 19·5 | 26·0 | 36·0 | 30·0 | 55 | 27 | 44 | 13·7 | 11·9 | 13·8 | 8 | 8 | 6 | E | 3 | SE | 3 | Calm | 0 | 0·0 | 5·0 |
| 16 | 18·4 | 15·8 | 16·8 | 38·0 | 20·0 | 25·0 | 36·0 | 30·0 | 68 | 25 | 41 | 16·0 | 11·0 | 13·0 | 4 | 5 | 0 | NNE | 3 | E | 13 | E | 3 | 0·0 | 5·5 |
| 17 | 19·3 | 15·9 | 16·6 | 38·5 | 19·5 | 26·0 | 36·0 | 30·0 | 55 | 25 | 41 | 13·7 | 11·0 | 13·0 | 5 | 5 | 2 | Calm | 0 | E | 6 | Calm | 0 | 0·0 | 5·0 |
| 18 | 18·9 | 15·7 | 17·0 | 39·0 | 19·0 | 28·0 | 37·0 | 30·0 | 44 | 22 | 41 | 12·5 | 10·4 | 13·0 | 0 | 5 | 8 | NE | 35 | NE | 20 | ENE | 6 | 0·0 | 5·5 |
| 19 | 19·5 | 16·5 | 18·0 | 38·0 | 18·0 | 27·0 | 35·0 | 31·0 | 46 | 28 | 37 | 12·2 | 11·6 | 12·3 | 6 | 0 | 8 | ENE | 3 | NNE | 6 | NNE | 3 | 0·0 | 5·0 |
| 20 | 20·3 | 18·6 | 19·3 | 35·0 | 19·0 | 26·0 | 33·0 | 28·0 | 55 | 32 | 51 | 13·7 | 12·0 | 14·2 | 8 | 10 | 8 | SE | 3 | NE | 16 | Calm | 0 | 0·0 | 4·0 |
| 21 | 21·5 | 18·6 | 19·3 | 35·0 | 19·0 | 23·0 | 33·0 | 28·0 | 74 | 30 | 44 | 15·5 | 11·1 | 12·5 | 9 | 8 | 5 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 4·0 |
| 22 | 21·4 | 17·8 | 19·0 | 37·0 | 18·5 | 23·0 | 35·0 | 28·5 | 66 | 28 | 43 | 13·9 | 11·6 | 12·2 | 10 | 6 | 8 | E | 3 | ENE | 6 | NE | 6 | 0·0 | 5·0 |
| 23 | 21·2 | 16·9 | 17·9 | 37·0 | 18·0 | 25·0 | 35·0 | 29·0 | 54 | 28 | 49 | 12·7 | 11·6 | 14·5 | 8 | 5 | 0 | ESE | 3 | ESE | 3 | Calm | 0 | 0·0 | 4·5 |
| 24 | 20·2 | 16·7 | 17·2 | 37·5 | 19·5 | 25·0 | 35·0 | 30·0 | 61 | 26 | 41 | 14·3 | 10·8 | 13·0 | 4 | 1 | 0 | ENE | 3 | ESE | 28 | Calm | 0 | 0·0 | 4·0 |
| 25 | 19·2 | 15·3 | 15·9 | 39·0 | 19·0 | 27·0 | 37·0 | 32·0 | 49 | 24 | 36 | 13·1 | 11·3 | 12·6 | 0 | 4 | 0 | E | 3 | ENE | 16 | Calm | 0 | 0·0 | 6·0 |
| 26 | 19·0 | 16·8 | 17·8 | 38·0 | 19·0 | 27·0 | 36·0 | 28·0 | 52 | 25 | 51 | 14·0 | 11·0 | 14·2 | 4 | 4 | 0 | SSE | 3 | E | 10 | ENE | 3 | 0·0 | 5·0 |
| 27 | 20·4 | 16·7 | 17·8 | 38·0 | 19·5 | 26·5 | 36·0 | 28·0 | 53 | 25 | 51 | 13·4 | 11·0 | 14·2 | 6 | 2 | 0 | Calm | 0 | NNW | 3 | Calm | 0 | 0·0 | 5·0 |
| 28 | 20·2 | 16·7 | 17·8 | 38·0 | 19·0 | 26·0 | 36·0 | 28·0 | 55 | 25 | 51 | 13·7 | 11·0 | 14·2 | 0 | 2 | 0 | SSW | 6 | NNE | 3 | Calm | 0 | 0·0 | 5·0 |
| Month | 20·11 | 16·78 | 17·84 | 36·6 | 19·5 | 25·3 | 34·6 | 28·8 | 64 | 31 | 51 | 15·2 | 12·6 | 14·7 | 5·0 | 5·0 | 2·9 | — | 5·6 | — | 11·3 | — | 4·6 | 6·0 | 5·36 |

**Remarks:—**

# MONGALLA.

$\varphi = 5° 11' N.$ $\lambda = 31° 46' 42'' E.$ $H = 439·0$ m. $h_t = 1·3$ m. $h_r = 1·0$ m.

$C_h = +37$ mm.

## March 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE ~~(0-10)~~ 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20·3 | 15·5 | 16·9 | 39·0 | 19·5 | 27·0 | 37·0 | 29·0 | 49 | 24 | 46 | 13·1 | 11·3 | 13·6 | 4 | 0 | 0 | E | 3 | N | 13 | Calm | 0 | 0·0 | 5·5 |
| 2 | 19·1 | 15·6 | 16·3 | 38·5 | 19·5 | 24·0 | 37·0 | 29·0 | 67 | 22 | 40 | 14·9 | 10·4 | 11·9 | 5 | 4 | 0 | Calm | 0 | NE | 10 | Calm | 0 | 0·0 | 5·0 |
| 3 | 19·3 | 15·9 | 16·9 | 38·0 | 19·0 | 23·5 | 35·0 | 30·0 | 67 | 30 | 41 | 14·4 | 12·6 | 13·0 | 6 | 8 | 2 | SW | 35 | WSW | 3 | Calm | 0 | 0·0 | 5·0 |
| 4 | 19·3 | 15·6 | 16.1 | 40·0 | 19·0 | 27·0 | 37·5 | 31·0 | 49 | 21 | 34 | 13·1 | 10·1 | 11·5 | 0 | 0 | 0 | Calm | 0 | NNE | 3 | NE | 16 | 0·0 | 6·5 |
| 5 | 20·2 | 17·9 | 18·8 | 33·5 | 19.5 | 27·0 | 32·5 | 28·0 | 49 | 41 | 57 | 13·1 | 15·0 | 16·0 | 9 | 10 | 5 | NNE | 10 | SSE | 3 | NNE | 13 | 2·0 | 4·0 |
| 6 | 21·1 | 18·0 | 18·9 | 34·0 | 20·0 | 25·0 | 33·5 | 28·0 | 68 | 38 | 54 | 16·0 | 14·4 | 15·1 | 6 | 8 | 9 | NNW | 3 | NE | 10 | Calm | 0 | 0·0 | 4·5 |
| 7 | 22·4 | 18·2 | 20·0 | 34·0 | 18·0 | 24·0 | 32·0 | 28·0 | 63 | 38 | 51 | 14·1 | 13·5 | 14·2 | 7 | 4 | 0 | N | 10 | NE | 3 | Calm | 0 | 0 0 | 4·5 |
| 8 | 22·5 | 19·0 | 20·2 | 33·0 | 18·5 | 23·5 | 31·5 | 27·0 | 63 | 40 | 46 | 13·6 | 13·8 | 12·2 | 0 | 0 | 0 | NE | 24 | NNW | 35 | NE | 3 | 0·0 | 4·0 |
| 9 | 21·9 | 17·9 | 18·5 | 35·5 | 17·0 | 23·0 | 34·0 | 27·5 | 59 | 29 | 47 | 12·3 | 11·4 | 12·8 | 0 | 5 | 0 | NNE | 3 | Calm | 0 | Calm | 0 | 0·0 | 4·5 |
| 10 | 20·6 | 17·9 | 18·4 | 36·0 | 18·5 | 23·0 | 34·0 | 27·5 | 66 | 27 | 43 | 13·9 | 10·5 | 12·0 | 0 | 0 | 0 | NE | 4 | NNE | 1 | Calm | 0 | 0·0 | 4·5 |
| 11 | 21·4 | 17·8 | 18·3 | 35·0 | 17·5 | 23·0 | 33·5 | 27·0 | 59 | 28 | 49 | 12·3 | 10·8 | 13·1 | 0 | 0 | 0 | Calm | 0 | NE | 16 | Calm | 0 | 0·0 | 4·5 |
| 12 | 20·4 | 17·6 | 18·3 | 37·5 | 18·5 | 25·0 | 35·0 | 29·0 | 54 | 26 | 40 | 12·7 | 10·8 | 11·9 | 2 | 4 | 8 | ENE | 10 | ENE | 16 | NNE | 3 | 0·0 | 4·5 |
| 13 | 20·3 | 16·7 | 17·9 | 38·0 | 18·0 | 23·5 | 36·0 | 30·0 | 63 | 25 | 44 | 13·6 | 11·0 | 13·8 | 5 | 6 | 0 | Calm | 0 | E | 10 | Calm | 0 | 0·0 | 5.0 |
| 14 | 20·5 | 16·7 | 17·3 | 37·0 | 19·0 | 23·0 | 35·0 | 29·0 | 74 | 28 | 46 | 15·5 | 11·6 | 13·6 | 2 | 4 | 0 | Calm | 0 | ENE | 6 | Calm | 0 | 0·0 | 4·5 |
| 15 | 19·8 | 16·6 | 17·2 | 37·0 | 19·0 | 25·0 | 35·5 | 29·0 | 61 | 27 | 46 | 14·3 | 11·3 | 13·6 | 0 | 6 | 0 | Calm | 0 | NNE | 10 | Calm | 0 | 0·0 | 4·5 |
| 16 | 19·9 | 15·9 | 16·8 | 38·0 | 18·5 | 24·0 | 36·0 | 30·0 | 67 | 25 | 41 | 14·9 | 11·0 | 13·0 | 0 | 4 | 5 | Calm | 0 | NE | 16 | Calm | 0 | 0·0 | 5·0 |
| 17 | 20·4 | 15·5 | 16·1 | 38·0 | 19·0 | 23·5 | 36·0 | 30·0 | 71 | 27 | 44 | 15·2 | 11·9 | 13·8 | 0 | 4 | 0 | NE | 6 | S | 35 | Calm | 0 | 0·0 | 5·0 |
| 18 | 18·3 | 14·7 | 15·2 | 39·0 | 19·0 | 24·0 | 37·0 | 31·0 | 67 | 22 | 37 | 14·9 | 10·4 | 12·3 | 5 | 4 | 0 | Calm | 0 | ENE | 3 | ESE | 35 | 0·0 | 6·0 |
| 19 | 17·1 | 14·7 | 15·6 | 40·0 | 19·0 | 27·0 | 37·5 | 31·0 | 49 | 25 | 42 | 13·1 | 11·9 | 14·1 | 0 | 4 | 0 | Calm | 0 | E | 35 | Calm | 0 | 0·0 | 8·0 |
| 20 | 18·2 | 14·8 | 16·7 | 39·5 | 19·5 | 27·0 | 37·0 | 32·0 | 49 | 24 | 33 | 13·1 | 11·3 | 11·7 | 3 | 5 | 8 | E | 3 | NE | 16 | SSE | 35 | 0·0 | 8·0 |
| 21 | 20·5 | 17·8 | 17·7 | 36·5 | 19·0 | 27·0 | 35·0 | 28·0 | 49 | 30 | 57 | 13·1 | 12·6 | 16·0 | 6 | 6 | 6 | NNE | 3 | NNE | 11 | NE | 6 | 0·0 | 8·8 |
| 22 | 21·0 | 16·7 | 17·3 | 37·0 | 19·0 | 25·5 | 35·0 | 28·0 | 58 | 30 | 57 | 14·0 | 12·6 | 16·0 | 10 | 5 | 8 | NE | 30 | ENE | 7 | ENE | 11 | 0·0 | 6·0 |
| 23 | 18·5 | 15·7 | 16·2 | 37·5 | 20·0 | 27·5 | 36·0 | 30·0 | 54 | 25 | 41 | 14·5 | 11·0 | 13·0 | 5 | 0 | 0 | S | 11 | NE | 3 | NNE | 1 | 0·0 | 7·0 |
| 24 | 18·2 | 15·0 | 16·6 | 38·5 | 19·5 | 27·0 | 37·0 | 30·0 | 49 | 22 | 44 | 13·1 | 10·4 | 13·8 | 3 | 6 | 10 | SSE | 14 | E | 33 | NE | 12 | 0·0 | 6·0 |
| 25 | 20·2 | 18·9 | 20·3 | 33·0 | 20·5 | 27·0 | 27·0 | 25·0 | 56 | 69 | 76 | 14·8 | 18·4 | 17·8 | 8 | 10 | 10 | S | 14 | NNE | 10 | E | 15 | 4·5 | 4·0 |
| 26 | 22·2 | 17·8 | 18·3 | 37·0 | 20·0 | 23·0 | 35·0 | 29·0 | 83 | 32 | 46 | 17·3 | 13·5 | 13·6 | 6 | 5 | 0 | Calm | 0 | ENE | 10 | Calm | 0 | 0·0 | 5·0 |
| 27 | 20·5 | 16·9 | 17·6 | — | 19·5 | 27·0 | 30·0 | 30·0 | 49 | 29 | 47 | 13·1 | 12·9 | 14·7 | 5 | 6 | 5 | S | 11 | E | 10 | Calm | 0 | 0·0 | 4·0 |
| 28 | 20·1 | 16·8 | 17·3 | 37·0 | 20·5 | 27·0 | 33·0 | 30·0 | 56 | 39 | 50 | 14·8 | 14·7 | 15·6 | 2 | 10 | 6 | SE | 12 | NE | 16 | NNE | 10 | 3·5 | 4·5 |
| 29 | 20·3 | 16·8 | 18·3 | 35·0 | 21·0 | 25·5 | 33·0 | 28·5 | 72 | 42 | 55 | 17·5 | 15·7 | 15·6 | 10 | 8 | 9 | Calm | 0 | SE | 3 | ENE | 13 | 6·0 | 5·2 |
| 30 | 20·9 | 19·1 | 20·5 | 31·0 | 21·5 | 23·5 | 30·0 | 24·5 | 87 | 53 | 80 | 18·7 | 16·6 | 18·1 | 5 | 8 | 10 | SSE | 12 | SE | 10 | S | 13 | 0·0 | 7·4 |
| 31 | 22·3 | 19·1 | 19·9 | 35·0 | 20·5 | 23·0 | 33·5 | 28·0 | 83 | 38 | 57 | 17·3 | 14·4 | 16·0 | 6 | 5 | 3 | S | 10 | SSE | 8 | E | 6 | 0·0 | 8·0 |
| Month | 20·25 | 16·87 | 17·76 | 36·6 | 19·2 | 25·0 | 34·6 | 28·8 | 62 | 31 | 48 | 14·4 | 12·5 | 14·0 | 3·9 | 4·8 | 3·4 | — | 7·4 | — | 11·8 | — | 6·2 | 16·0 | 5·45 |

**Remarks:—**

$C_h = +37$ mm.

## April 1913.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·0 | 18·3 | 19·4 | 35·0 | 21·0 | 26·0 | 34·0 | 28·0 | 66 | 38 | 63 | 16·3 | 15·0 | 17·8 | 5 | 8 | 8 | SSE | 11 | Calm | 0 | ENE | 4 | 0·0 | 5·8 |
| 2 | 21·1 | 16·8 | 18·1 | 36·5 | 22·0 | 25·5 | 35·0 | 29·0 | 76 | 30 | 52 | 18·4 | 12·6 | 15·3 | 6 | 0 | 0 | S | 14 | S | 30 | E | 10 | 0·0 | 8·8 |
| 3 | 19·8 | 16·0 | 16·5 | 35·0 | 21·5 | 24·5 | 33·5 | 28·0 | 72 | 40 | 60 | 16·3 | 15·4 | 16·9 | 5 | 8 | 0 | SSE | 6 | SW | 11 | SSE | 4 | 0·0 | 8·1 |
| 4 | 18·5 | 16·8 | 17·3 | 37·0 | 21·0 | 26·0 | 35·0 | 28·5 | 69 | 32 | 58 | 17·2 | 13·5 | 16·6 | 8 | 5 | 0 | Calm | 0 | ENE | 10 | S | 13 | — | 8·0 |
| 5 | 19·5 | 16·7 | 17·4 | 37·5 | 21·0 | 24·0 | 36·0 | 28·0 | 79 | 31 | 60 | 17·5 | 13·8 | 16·9 | 10 | 6 | 0 | Calm | 0 | E | 6 | SSW | 11 | — | 5·2 |
| 6 | 19·3 | 16·7 | 17·2 | 37·0 | 21·0 | 25·0 | 34·5 | 27·0 | 72 | 34 | 66 | 16·9 | 13·8 | 17·5 | 3 | 6 | 0 | S | 6 | E | 18 | SSW | 8 | — | 7·5 |
| 7 | 19·1 | 14·9 | 16·2 | 36·0 | 21·0 | 25·0 | 35·0 | 27·0 | 76 | 35 | 69 | 17·8 | 14·4 | 18·4 | 0 | 10 | 10 | SSW | 6 | ENE | 6 | Calm | 0 | 8·5 | 6·0 |
| 8 | 18·8 | 16 2 | 16·9 | 35·0 | 20·0 | 23·0 | 34·0 | 27·0 | 88 | 38 | 69 | 18·1 | 15·0 | 18·4 | 10 | 4 | 4 | ESE | 10 | ESE | 8 | Calm | 0 | 0·0 | 4·0 |
| 9 | 19·8 | 16·7 | 17·4 | 35·0 | 21·5 | 25·0 | 33·5 | 26·5 | 76 | 40 | 73 | 17·8 | 15·4 | 18·7 | 8 | 4 | 0 | NNE | 10 | ESE | 8 | Calm | 0 | 0·0 | 4·2 |
| 10 | 19·6 | 17·2 | 17·9 | 34·5 | 21·5 | 24·0 | 33·5 | 27·0 | 91 | 35 | 63 | 20·3 | 13·5 | 16·6 | 10 | 6 | 8 | SSE | 3 | ENE | 13 | NE | 6 | 0·0 | 4·3 |
| 11 | 19·6 | 15·1 | 16·0 | 37·0 | 20·5 | 25·0 | 35·0 | 30·0 | 72 | 32 | 47 | 16·9 | 13·5 | 14·7 | 6 | 4 | 0 | Calm | 0 | NNE | 8 | NNE | 13 | 0·0 | 5·0 |
| 12 | 18·0 | 14·8 | 15·1 | 38·5 | 21·0 | 28·0 | 37·0 | 31·0 | 54 | 28 | 48 | 15·1 | 13·2 | 15·9 | 3 | 5 | 8 | E | 20 | Calm | 0 | Calm | 0 | 0·0 | 5·5 |
| 13 | 16·9 | 14·5 | 16·1 | 38·5 | 21·0 | 28·0 | 37·0 | 31·0 | 57 | 26 | 48 | 16·0 | 12·2 | 15·9 | 0 | 6 | 0 | SSE | 10 | SE | 10 | Calm | 0 | 0·0 | 6·5 |
| 14 | 18·2 | 15·8 | 16·6 | 37·5 | 21·5 | 28·0 | 36·0 | 31·0 | 57 | 31 | 48 | 16·0 | 13.8 | 15·9 | 8 | 5 | 8 | Calm | 0 | E | 6 | SE | 13 | 0·0 | 6·0 |
| 15 | 18·8 | 15·6 | 16·1 | 38·0 | 21·5 | 27·0 | 36·0 | 30·0 | 63 | 31 | 50 | 16·6 | 13·8 | 15·6 | 6 | 6 | 0 | SE | 3 | SSE | 8 | ENE | 6 | 0·0 | 6·0 |
| 16 | 17·7 | 14·8 | 15·8 | 38·5 | 21·0 | 27·5 | 37·0 | 28·0 | 60 | 28 | 60 | 16·3 | 13·2 | 16·9 | 0 | 5 | 10 | S | 4 | SSW | 8 | ESE | 13 | 3·0 | 6·5 |
| 17 | 18·2 | 15·9 | 16·8 | 35·5 | 21·5 | 25·0 | 34·0 | 29·0 | 76 | 36 | 58 | 17·8 | 14·1 | 17·2 | 6 | 4 | 10 | SW | 4 | ESE | 8 | E | 16 | — | 5·0 |
| 18 | 19·6 | 18·2 | 19·2 | 33·0 | 21·5 | 24·0 | 31·0 | 26·0 | 83 | 45 | 69 | 18·4 | 15·0 | 17·2 | 8 | 9 | 10 | NW | 16 | NE | 32 | SW | 10 | — | 4·5 |
| 19 | 21·2 | 17·0 | 18·0 | 33·5 | 21·0 | 24·0 | 32·0 | 27·0 | 83 | 43 | 66 | 18·4 | 15·3 | 17·5 | 8 | 8 | 6 | SSW | 13 | SSW | 6 | Calm | 0 | 0·0 | 4·0 |
| 20 | 20·4 | 16·9 | 17·4 | 35·0 | 21·0 | 25·0 | 34·0 | 26·0 | 72 | 36 | 76 | 16·9 | 14·1 | 19·0 | 2 | 5 | 10 | SSE | 10 | S | 4 | WNW | 6 | 4·0 | 4·5 |
| 21 | 19·3 | 16·1 | 17·5 | 35·0 | 21·0 | 24·0 | 33·5 | 25·5 | 83 | 38 | 76 | 18·4 | 14·4 | 18·4 | 5 | 5 | 10 | Calm | 0 | SSW | 6 | SE | 11 | 9·2 | 4·0 |
| 22 | 20·3 | 18·4 | 20·2 | 30·0 | 21·0 | 23·0 | 29·0 | 24·0 | 88 | 55 | 83 | 18·1 | 16·3 | 18·4 | 8 | 8 | 10 | ENE | 8 | SW | 6 | Calm | 0 | 19·8 | 3·0 |
| 23 | 22·2 | 17·5 | 18·2 | 31·5 | 19·5 | 23·0 | 30·0 | 26·5 | 83 | 53 | 66 | 17·3 | 16·6 | 16·9 | 7 | 6 | 8 | ESE | 4 | Calm | 0 | Calm | 0 | 0·0 | 3·5 |
| 24 | 20·2 | 17·0 | 17·5 | 33·0 | 21·5 | 24·0 | 31·0 | 26·0 | 83 | 48 | 73 | 18·4 | 15·9 | 18·1 | 5 | 6 | 8 | SSE | 4 | SE | 13 | ENE | 8 | 0·0 | 4·0 |
| 25 | 19·6 | 15·1 | 16·1 | 35·5 | 21·5 | 24·5 | 34·0 | 27·0 | 80 | 38 | 69 | 18·1 | 15·0 | 18·4 | 5 | 5 | 10 | Calm | 0 | S | 4 | ESE | 6 | 22·5 | 5·0 |
| 26 | 19·8 | 17·1 | 17·9 | 31·0 | 21·0 | 23·0 | 30·0 | 26·0 | 88 | 53 | 73 | 18·1 | 16·6 | 18·1 | 10 | 9 | 10 | Calm | 0 | SSW | 10 | Calm | 0 | 7·2 | 3·0 |
| 27 | 20·6 | 16·8 | 17·5 | 34·0 | 20·0 | 23·0 | 32·0 | 27·0 | 83 | 46 | 66 | 17·3 | 16·3 | 17·5 | 8 | 8 | 10 | S | 8 | Calm | 0 | E | 18 | 3·0 | 3·5 |
| 28 | 20·5 | 18·7 | 19·7 | 29·5 | 20·0 | 23·5 | 27·0 | 25·0 | 79 | 66 | 76 | 17·0 | 17·5 | 17·8 | 7 | 10 | 10 | SSE | 6 | Calm | 0 | E | 8 | 6·2 | 2·0 |
| 29 | 20·9 | 17·4 | 18·2 | 31·5 | 19·5 | 23·0 | 30·0 | 27·0 | 83 | 55 | 69 | 17·3 | 17·5 | 18·4 | 8 | 6 | 0 | S | 4 | E | 6 | Calm | 0 | 0·0 | 3·5 |
| 30 | 20·3 | 17·2 | 18·1 | 35·0 | 21·0 | 25·0 | 34·0 | 27·0 | 76 | 38 | 69 | 17·8 | 15·0 | 18·4 | 5 | 6 | 10 | SSW | 4 | Calm | 0 | Calm | 0 | 17·3 | 4·0 |
| Month | 19·63 | 16·52 | 17·41 | 35·0 | 21·0 | 24·8 | 33·4 | 27·5 | 76 | 39 | 64 | 17·4 | 14·7 | 17·3 | 6·0 | 6·1 | 5·9 | — | 6·3 | — | 8·2 | — | 6·1 | 100·7 | 5·03 |

**Remarks:—**

# MONGALLA.

$\varphi = 5° 11' N.$ $\lambda = 31° 46' 42'' E.$ $H = 439·0$ m. $h_t = 1·3$ m. $h_r = 1·0$ m.

$C_h = +37$ mm.

## May 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20·5 | 19·6 | 20·4 | 28·5 | 20·0 | 24·0 | 27·0 | 24·0 | 79 | 63 | 79 | 17·5 | 16·6 | 17·5 | 5 | 10 | 8 | SW | 4 | ESE | 6 | Calm | 0 | 11·0 | 1·5 |
| 2 | 22·7 | 17·3 | 18·1 | 33·0 | 18·5 | 22·0 | 31·5 | 27·0 | 82 | 48 | 69 | 16·2 | 16·6 | 18·4 | 0 | 4 | 5 | ESE | 4 | SSE | 3 | S | 10 | 0·0 | 4·0 |
| 3 | 20·6 | 17·1 | 18·1 | 34·5 | 20·0 | 24·0 | 33·0 | 28·0 | 75 | 39 | 60 | 16·6 | 14·7 | 16·9 | 2 | 5 | 8 | Calm | 0 | SSW | 4 | ENE | 4 | 5·2 | 4·5 |
| 4 | 20·7 | 17·9 | 18·4 | 34·0 | 21·0 | 25·0 | 33·0 | 27·5 | 76 | 42 | 67 | 17·8 | 15·7 | 18·1 | 3 | 4 | 0 | SE | 6 | S | 6 | Calm | 0 | 0·0 | 4·0 |
| 5 | 20·5 | 18·0 | 18·3 | 34·5 | 21·0 | 24·0 | 33·0 | 27·0 | 83 | 39 | 66 | 18·4 | 14·7 | 17·5 | 10 | 3 | 0 | SSE | 4 | Calm | 0 | SSW | 6 | 15·0 | 3·5 |
| 6 | 20·2 | 16·8 | 17·5 | 34·5 | 20·0 | 24·0 | 33·0 | 27·5 | 79 | 42 | 67 | 17·5 | 15·7 | 18·1 | 0 | 3 | 0 | S | 4 | Calm | 0 | Calm | 0 | 0·0 | 4·5 |
| 7 | 20·2 | 17·3 | 18·2 | 33·0 | 21·5 | 25·0 | 32·0 | 26·5 | 76 | 43 | 73 | 17·8 | 15·3 | 18·7 | 9 | 6 | 10 | SSW | 3 | SE | 6 | Calm | 0 | 4·0 | 4·0 |
| 8 | 20·3 | 18·2 | 18·7 | 32·5 | 20·0 | 23·0 | 31·0 | 26·0 | 83 | 53 | 76 | 17·3 | 17·9 | 19·0 | 7 | 8 | 5 | SW | 3 | SE | 3 | Calm | 0 | 0·0 | 3·5 |
| 9 | 20·7 | 16·8 | 17·3 | 35·0 | 21·0 | 23·0 | 34·0 | 28·0 | 88 | 40 | 67 | 18·1 | 16·0 | 18·8 | 0 | 4 | 0 | S | 3 | Calm | 0 | Calm | 0 | 0·0 | 5·0 |
| 10 | 19·5 | 17·2 | 17·9 | 30·0 | 21·0 | 26·0 | 29·0 | 25·0 | 69 | 52 | 72 | 17·2 | 15·3 | 16·9 | 9 | 10 | 9 | SSW | 4 | SW | 13 | Calm | 0 | 4·5 | 2·5 |
| 11 | 19·7 | 17·2 | 18·0 | 33·5 | 19·0 | 22·5 | 32·0 | 27·0 | 47 | 43 | 63 | 12·8 | 15·3 | 16·6 | 8 | 5 | 0 | S | 6 | S | 4 | Calm | 0 | 0·0 | 3·0 |
| 12 | 20·3 | 19·3 | 19·9 | 34·0 | 21·0 | 24·0 | 32·5 | 26·0 | 79 | 41 | 73 | 17·5 | 15·0 | 18·1 | 5 | 4 | 5 | SSE | 6 | ENE | 10 | Calm | 0 | 0·0 | 5·0 |
| 13 | 22·2 | 19·6 | 20·4 | 33·0 | 21·0 | 25·0 | 31·0 | 26·0 | 76 | 48 | 69 | 17·8 | 15·9 | 17·2 | 2 | 10 | 8 | S | 4 | ESE | 4 | Calm | 0 | 11·0 | 3·0 |
| 14 | 22·6 | 18·9 | 19·6 | 31·5 | 20·0 | 23·0 | 30·0 | 25·0 | 88 | 53 | 84 | 18·1 | 16·6 | 19·7 | 8 | 5 | 0 | Calm | 0 | SSE | 6 | Calm | 0 | 0·0 | 3·5 |
| 15 | 21·4 | 17·4 | 18·2 | 33·5 | 21·5 | 23·0 | 31·0 | 27·0 | 91 | 53 | 69 | 19·0 | 17·9 | 18·4 | 5 | 4 | 5 | Calm | 0 | ESE | 6 | Calm | 0 | 0·0 | 4·0 |
| 16 | 20·6 | 16·9 | 17·3 | 34·5 | 21·0 | 23·5 | 33·0 | 27·0 | 87 | 42 | 69 | 18·7 | 15·7 | 18·4 | 5 | 5 | 0 | Calm | 0 | SE | 4 | Calm | 0 | 0·0 | 4·5 |
| 17 | 19·3 | 16·7 | 17·3 | 35·5 | 21·0 | 25·0 | 34·0 | 28·0 | 80 | 40 | 63 | 18·7 | 16·0 | 17·8 | 4 | 4 | 4 | SSE | 3 | SSE | 4 | Calm | 0 | 0·0 | 4·5 |
| 18 | 20·0 | 17·2 | 18·1 | 33·0 | 21·5 | 26·0 | 30·0 | 26·0 | 69 | 53 | 73 | 17·2 | 16·6 | 18·1 | 8 | 10 | 4 | SSW | 6 | SSW | 4 | Calm | 0 | 19·2 | 3·0 |
| 19 | 19·9 | 17·9 | 18·4 | 33·0 | 20·0 | 23·0 | 32·0 | 27·0 | 83 | 43 | 69 | 17·3 | 15·3 | 18·4 | 8 | 5 | 5 | SSE | 4 | S | 6 | Calm | 0 | 0·0 | 5·5 |
| 20 | 20·5 | 17·1 | 17·9 | 34·5 | 20·0 | 23·0 | 33·0 | 27·0 | 83 | 39 | 69 | 17·3 | 14·7 | 18·4 | 5 | 3 | 4 | SE | 10 | SE | 6 | Calm | 0 | 0·0 | 5·0 |
| 21 | 20·2 | 17·8 | 18·5 | 33·0 | 21·0 | 25·0 | 32·0 | 27·0 | 76 | 49 | 66 | 17·8 | 17·2 | 17·5 | 6 | 3 | 0 | Calm | 0 | ESE | 4 | Calm | 0 | 3·0 | 3·5 |
| 22 | 20·1 | 16·8 | 17·5 | 35·0 | 21·5 | 25·0 | 34·0 | 27·0 | 76 | 38 | 66 | 17·8 | 15·0 | 17·5 | 0 | 6 | 10 | S | 4 | SSE | 4 | SSW | 11 | 0·0 | 5·0 |
| 23 | 20·0 | 17·0 | 17·9 | 35·0 | 20·0 | 25·0 | 33·0 | 29·0 | 72 | 39 | 55 | 16·9 | 14·7 | 16·3 | 6 | 6 | 5 | SSW | 6 | SE | 6 | SSE | 4 | 0·0 | 5·0 |
| 24 | 19·8 | 16·7 | 17·3 | 35·5 | 20·0 | 24·0 | 34·0 | 28·0 | 75 | 38 | 63 | 16·6 | 15·0 | 17·8 | 5 | 4 | 0 | SSE | 8 | Calm | 0 | SE | 4 | 0·0 | 5·0 |
| 25 | 20·1 | 17·9 | 18·6 | 33·0 | 21·0 | 25·0 | 31·0 | 27·0 | 76 | 48 | 69 | 17·8 | 15·9 | 18·4 | 8 | 8 | 10 | Calm | 0 | SE | 4 | S | 6 | 2·0 | 4·0 |
| 26 | 21·5 | 20·2 | 20·8 | 29·0 | 20·0 | 23·0 | 28·0 | 24·0 | 88 | 57 | 79 | 18·1 | 16·0 | 17·5 | 10 | 10 | 5 | SE | 3 | E | 6 | Calm | 0 | 0·0 | 3·5 |
| 27 | 22·5 | 18·0 | 18·8 | 34·5 | 19·0 | 22·0 | 33·0 | 28·0 | 82 | 42 | 63 | 16·2 | 15·7 | 17·8 | 5 | 5 | 0 | ESE | 3 | SSW | 4 | Calm | 0 | 0·0 | 4·5 |
| 28 | 20·6 | 16·0 | 17·3 | 35·5 | 21·5 | 25·0 | 34·0 | 28·0 | 76 | 40 | 63 | 17·8 | 16·0 | 17·8 | 0 | 4 | 10 | Calm | 0 | S | 4 | Calm | 0 | 21·3 | 5·5 |
| 29 | 20·2 | 17·0 | 17·5 | 32·5 | 20·0 | 24·0 | 31·0 | 27·0 | 79 | 48 | 63 | 17·5 | 15·9 | 16·6 | 10 | 8 | 10 | SW | 8 | SSE | 4 | ESE | 13 | 28·0 | 3·5 |
| 30 | 20·9 | 20·1 | 20·7 | 29·0 | 19·0 | 22·0 | 28·0 | 24·0 | 82 | 60 | 83 | 16·2 | 16·9 | 18·4 | 10 | 10 | 8 | SSW | 13 | ESE | 4 | Calm | 0 | 2·0 | 3·0 |
| 31 | 22·3 | 19·1 | 19·7 | 30·0 | 20·0 | 23·0 | 29·0 | 26·0 | 88 | 61 | 76 | 18·1 | 18·1 | 19·0 | 8 | 9 | 0 | Calm | 0 | SE | 3 | Calm | 0 | 0·0 | 3·0 |
| Month | 20·66 | 17·77 | 18·47 | 33·1 | 20·4 | 23·9 | 31·7 | 26·7 | 79 | 46 | 69 | 17·4 | 15·9 | 17·9 | 5·5 | 6·0 | 4·5 | — | 3·8 | — | 4·5 | — | 1·9 | 126·2 | 3·98 |

**Remarks:—**

$C_h = +37$ mm.

## June 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·4 | 18·2 | 18·9 | 29·0 | 21·0 | 23·0 | 28·0 | 24·0 | 91 | 63 | 83 | 19·0 | 17·8 | 18·4 | 10 | 10 | 9 | Calm | 0 | Calm | 0 | Calm | 0 | 4·2 | 2·5 |
| 2 | 20·4 | 17·8 | 18·5 | 33·0 | 20·0 | 23·0 | 31·5 | 27·0 | 83 | 51 | 69 | 17·3 | 17·5 | 18·4 | 8 | 6 | 4 | SSE | 10 | SSE | 4 | Calm | 0 | 0·0 | 3·5 |
| 3 | 20·4 | 17·8 | 18·3 | 33·0 | 21·0 | 23·0 | 32·0 | 27·0 | 88 | 43 | 63 | 18·1 | 15·3 | 16·6 | 8 | 4 | 9 | S | 4 | S | 4 | Calm | 0 | 0·0 | 4·0 |
| 4 | 20·4 | 18·8 | 20·5 | 33·5 | 20·0 | 24·0 | 32·0 | 27·0 | 75 | 46 | 63 | 16·6 | 16·3 | 16·6 | 4 | 6 | 5 | SSE | 6 | SW | 4 | Calm | 0 | 2·1 | 4·0 |
| 5 | 22·2 | 18·0 | 18·7 | 33·0 | 20·0 | 23·0 | 32·0 | 26·0 | 88 | 46 | 73 | 18·1 | 16·3 | 18·1 | 6 | 6 | 4 | SW | 13 | SSW | 3 | Calm | 0 | 0·0 | 3·0 |
| 6 | 20·5 | 18·0 | 19·1 | 34·0 | 20·0 | 23·0 | 33·0 | 27·0 | 83 | 44 | 69 | 17·3 | 16·6 | 18·4 | 0 | 0 | 0 | SSW | 4 | S | 6 | Calm | 0 | 0·0 | 4·5 |
| 7 | 20·1 | 17·9 | 18·9 | 35.0 | 22·0 | 25·0 | 34·0 | 28·0 | 84 | 40 | 63 | 19·7 | 16·0 | 17·8 | 0 | 0 | 3 | S | 6 | SE | 3 | Calm | 0 | 0·0 | 4·0 |
| 8 | 20·2 | 17·8 | 18·9 | 35·0 | 23·0 | 27·0 | 33·0 | 27·0 | 63 | 44 | 69 | 16·6 | 16·6 | 18·4 | 0 | 6 | 0 | SSW | 3 | SSE | 6 | Calm | 0 | 0·0 | 4·0 |
| 9 | 19·9 | 18·9 | 19·0 | 36·0 | 21·5 | 25·5 | 34·0 | 28·0 | 72 | 40 | 73 | 17·5 | 16·0 | 20·7 | 0 | 2 | 3 | S | 6 | S | 3 | Calm | 0 | 0·0 | 4·3 |
| 10 | 22·2 | 19·8 | 20·2 | 34·0 | 23·0 | 26·5 | 33·0 | 28·0 | 73 | 50 | 77 | 18·7 | 18·6 | 21·7 | 5 | 2 | 4 | S | 13 | SSW | 13 | Calm | 0 | 0·0 | 3·5 |
| 11 | 21·9 | 18·8 | 19·8 | 37·0 | 22·5 | 26·5 | 34·5 | 29·0 | 77 | 41 | 52 | 19·7 | 16·7 | 15·3 | 0 | 3 | 5 | SSW | 13 | S | 3 | S | 6 | 0·0 | 6·0 |
| 12 | 20·1 | 17·6 | 18·7 | 39·0 | 23·0 | 26·5 | 35·0 | 29·0 | 69 | 32 | 58 | 17·8 | 13·5 | 17·2 | 0 | 0 | 5 | S | 3 | SSW | 6 | Calm | 0 | 11·0 | 5·2 |
| 13 | 22·9 | 18·0 | 19·8 | 37·0 | 20·5 | 21·5 | 28·0 | 27·0 | 91 | 57 | 80 | 17·3 | 16·0 | 21·3 | 9 | 5 | 6 | SSW | 10 | S | 6 | Calm | 0 | 0·0 | 7·5 |
| 14 | 24·7 | 20·1 | 20·4 | 30·0 | 21·5 | 23·0 | 29·0 | 25·5 | 88 | 64 | 80 | 18·1 | 19·1 | 19·3 | 5 | 3 | 1 | S | 3 | SSW | 6 | Calm | 0 | 0·0 | 3·0 |
| 15 | 22·1 | 20·1 | 21·0 | 33·0 | 22·5 | 26·0 | 31·0 | 26·0 | 73 | 56 | 73 | 18·1 | 18·8 | 18·1 | 2 | 3 | 6 | SE | 3 | SSE | 3 | SSW | 6 | 0·0 | 3·4 |
| 16 | 23·1 | 19·9 | 21·0 | 31·5 | 21·0 | 23·5 | 30·5 | 25·5 | 79 | 47 | 84 | 17·0 | 15·3 | 20·3 | 7 | 1 | 0 | SSW | 13 | S | 3 | Calm | 0 | 0·0 | 3·4 |
| 17 | 22·5 | 20·1 | 21·2 | 32·0 | 22·0 | 23·0 | 31·5 | 26·0 | 88 | 48 | 80 | 18·1 | 16·6 | 20·0 | 6 | 3 | 0 | S | 10 | SSW | 3 | Calm | 0 | 0·0 | 4·4 |
| 18 | 22·2 | 19·9 | 21·3 | 32·0 | 22·0 | 23·0 | 32·0 | 25·0 | 91 | 43 | 72 | 19·0 | 15·3 | 16·9 | 10 | 0 | 4 | SSW | 6 | SE | 3 | Calm | 0 | 9·2 | 3·6 |
| 19 | 22·2 | 20·1 | 21·0 | 32·0 | 21·5 | 23·0 | 30·0 | 26·0 | 88 | 53 | 76 | 18·1 | 16·6 | 19·0 | 8 | 3 | 1 | S | 3 | Calm | 0 | Calm | 0 | 29·5 | 2·4 |
| 20 | 22·3 | 21·3 | 22·0 | 29·0 | 19·5 | 20·0 | 28·0 | 22·5 | 95 | 57 | 95 | 16·6 | 16·0 | 19·3 | 10 | 10 | 8 | SSE | 3 | NNE | 6 | Calm | 0 | 0·0 | 3·0 |
| 21 | 23·3 | 22·2 | 22·5 | 31·5 | 20·0 | 22·0 | 29·0 | 23·0 | 96 | 49 | 83 | 18·7 | 14·5 | 17·3 | 10 | 10 | 10 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 1·0 |
| 22 | 23·5 | 21·2 | 22·3 | 27·5 | 21·0 | 22·0 | 26·0 | 24·0 | 87 | 69 | 87 | 17·0 | 17·[illegible] | 19·3 | 5 | 6 | 9 | SE | 3 | S | 3 | Calm | 0 | 0·0 | 2·2 |
| 23 | 22·5 | 21·1 | 21·4 | 30·5 | 20·0 | 23·0 | 30·5 | 25·0 | 88 | 65 | 87 | 18·1 | 21·2 | 20·6 | 3 | 6 | 2 | Calm | 0 | ESE | 3 | Calm | 0 | 0·0 | 3·5 |
| 24 | 22·2 | 20·2 | 21·3 | 33·0 | 20·0 | 23·5 | 32·0 | 25·0 | 87 | 46 | 80 | 18·7 | 16·3 | 18·7 | 0 | 4 | 7 | SSE | 3 | SSE | 10 | S | 3 | 0·0 | 4·0 |
| 25 | 22·2 | 20·1 | 21·0 | 33·5 | 20·5 | 23·0 | 32·5 | 23·5 | 88 | 44 | 96 | 18·1 | 16·0 | 20·6 | 3 | 2 | 2 | E | 3 | N | 6 | Calm | 0 | 0·0 | 3·5 |
| 26 | 22·0 | 19·8 | 20·1 | 33·5 | 21·5 | 25·0 | 33·0 | 27·0 | 76 | 34 | 80 | 17·8 | 12·9 | 21·3 | 2 | 3 | 2 | SSW | 6 | SSW | 3 | Calm | 0 | 0·0 | 4·5 |
| 27 | 22·1 | 21·2 | 22·3 | 30·0 | 21·0 | 24·0 | 28·0 | 23·0 | 75 | 60 | 88 | 16·6 | 16·9 | 18·1 | 5 | 10 | 3 | S | 3 | Calm | 0 | Calm | 0 | 0·0 | 3·0 |
| 28 | 23·2 | 21·0 | 21·5 | 31·0 | 22·0 | 24·0 | 24·0 | 22·0 | 79 | 75 | 87 | 17·5 | 16·6 | 17·0 | 3 | 9 | 4 | Calm | 0 | ESE | 3 | Calm | 0 | 14·3 | 2·0 |
| 29 | 22·1 | 20·2 | 22·1 | 32·0 | 20·0 | 23·0 | 28·0 | 22·5 | 83 | 67 | 92 | 17·3 | 18·8 | 18·5 | 0 | 9 | 10 | SSW | 3 | N | 6 | Calm | 0 | 2·5 | 3·0 |
| 30 | 22·3 | 20·3 | 21·0 | 32·5 | 20·0 | 23·0 | 28·0 | 25·0 | 83 | 60 | 76 | 17·3 | 16·9 | 17·8 | 0 | 4 | 9 | S | 3 | SE | 3 | SSW | 3 | 0·0 | 3·0 |
| Month | 21·90 | 19·54 | 20·42 | 32·8 | 21·1 | 23·7 | 30·8 | 25·7 | 83 | 51 | 77 | 17·9 | 16·6 | 18·7 | 4·3 | 4·5 | 4·5 | — | 5·2 | — | 4·2 | — | 0·4 | 72·8 | 3·63 |

**Remarks:—**

# MONGALLA.

$\phi = 5° 11' N.$ $\lambda = 31° 46' 42'' E.$ $H = 439·0$ m. $h_t = 1·3$ m. $h_r = 1·0$ m.

$C_h = +37$ mm.

## July 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct | Force | 14 h Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22·3 | 21·3 | 22·2 | 29·5 | 20·5 | 23·0 | 21·5 | 22·5 | 88 | 91 | 87 | 18·1 | 17·3 | 17·6 | 8 | 10 | 10 | SE | 6 | SSE | 10 | S | 3 | 33·0 | 1·5 |
| 2 | 22·4 | 20·0 | 21·1 | 32·0 | 19·0 | 22·0 | 31·0 | 25·0 | 87 | 48 | 87 | 17·0 | 15·9 | 20·6 | 8 | 4 | 3 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 2·3 |
| 3 | 22·4 | 20·2 | 21·1 | 32·5 | 20·5 | 23·0 | 32·0 | 24·5 | 91 | 49 | 76 | 19·0 | 17·2 | 17·2 | 0 | 6 | 4 | SSE | 3 | ESE | 3 | Calm | 0 | 0·0 | 2·0 |
| 4 | 22·4 | 21·0 | 22·1 | 27·5 | 20·0 | 23·0 | 27·0 | 23·5 | 83 | 66 | 87 | 17·3 | 17·5 | 18·7 | 5 | 8 | 6 | ESE | 10 | SE | 3 | Calm | 0 | 0·0 | 1·5 |
| 5 | 22·2 | 24·2 | 23·1 | 30·0 | 21·0 | 21·0 | 22·0 | 21·0 | 95 | 96 | 95 | 17·6 | 18·7 | 17·6 | 10 | 10 | 10 | E | 3 | Calm | 0 | SE | 3 | 5·5 | 2·1 |
| 6 | 21·8 | 21·1 | 21·4 | 32·0 | 18·0 | 20·0 | 30·5 | 25·5 | 100 | 55 | 84 | 17·4 | 18·2 | 20·3 | 10 | 5 | 1 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 2·5 |
| 7 | 22·4 | 20·2 | 22·2 | 33·5 | 20·0 | 24·5 | 33·0 | 26·0 | 83 | 47 | 80 | 19·0 | 17·6 | 20·0 | 0 | 4 | 1 | SSW | 3 | SSE | 3 | Calm | 0 | 0·0 | 3·0 |
| 8 | 23·1 | 19·9 | 21·2 | 33·0 | 21·0 | 25·0 | 32·5 | 25·5 | 80 | 52 | 88 | 18·7 | 18·9 | 21·3 | 3 | 5 | 10 | Calm | 0 | Calm | 0 | E | 3 | 7·5 | 3·0 |
| 9 | 22·3 | 20·3 | 21·2 | 34·0 | 21·0 | 23·0 | 25·0 | 23·5 | 88 | 80 | 87 | 18·1 | 18·7 | 18·7 | 5 | 10 | 4 | Calm | 0 | ESE | 3 | Calm | 0 | 1·0 | 1·5 |
| 10 | 22·5 | 21·0 | 21·2 | 32·5 | 20·0 | 22·0 | 27·5 | 22·5 | 91 | 60 | 92 | 17·9 | 16·3 | 18·5 | 10 | 8 | 10 | Calm | 0 | S | 3 | Calm | 0 | 0·0 | 1·6 |
| 11 | 22·3 | 20·2 | 21·4 | 32·0 | 20·5 | 22·0 | 29·5 | 23·0 | 91 | 55 | 91 | 17·9 | 16·9 | 19·0 | 7 | 5 | 9 | Calm | 0 | SE | 3 | Calm | 0 | 0·0 | 2·4 |
| 12 | 22·3 | 19·6 | 20·4 | 33·0 | 19·0 | 22·0 | 30·0 | 26·0 | 87 | 55 | 73 | 17·0 | 17·5 | 18·1 | 5 | 4 | 3 | S | 6 | E | 3 | Calm | 0 | 0·0 | 3·0 |
| 13 | 22·3 | 20·2 | 22·2 | 33·0 | 20·5 | 22·5 | 32·0 | 26·5 | 87 | 46 | 69 | 17·6 | 16·3 | 17·8 | 10 | 4 | 3 | Calm | 0 | ESE | 3 | Calm | 0 | 0·0 | 2·5 |
| 14 | 23·1 | 20·9 | 21·2 | 35·0 | 20·5 | 25·0 | 34·0 | 25·0 | 72 | 40 | 80 | 16·9 | 16·0 | 18·7 | 3 | 4 | 7 | Calm | 0 | SSE | 3 | Calm | 0 | 0·0 | 3·0 |
| 15 | 22·1 | 19·9 | 21·0 | 33·0 | 20·0 | 24·0 | 25·5 | 23·0 | 83 | 80 | 88 | 18·4 | 19·3 | 18·1 | 5 | 10 | 3 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·1 |
| 16 | 22·1 | 20·2 | 21·1 | 33·0 | 20·0 | 22·5 | 32·0 | 24·0 | 87 | 53 | 83 | 17·6 | 16·6 | 18·4 | 10 | 8 | 7 | SSW | 6 | Calm | 0 | Calm | 0 | 0·0 | 3·5 |
| 17 | 23·2 | 21·0 | 21·3 | 30·0 | 19·5 | 23·0 | 28·5 | 23·0 | 83 | 64 | 88 | 17·3 | 18·4 | 18·1 | 7 | 5 | 2 | S | 6 | E | 6 | Calm | 0 | 0·0 | 3·3 |
| 18 | 22·2 | 20·0 | 21·1 | 34·0 | 19·0 | 22·5 | 32·5 | 26·0 | 87 | 41 | 73 | 17·6 | 15·0 | 18·1 | 0 | 6 | 2 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 4·5 |
| 19 | 22·3 | 19·1 | 20·2 | 34·5 | 20·5 | 25·0 | 32·0 | 25·0 | 76 | 46 | 80 | 17·8 | 16·3 | 18·7 | 0 | 8 | 2 | Calm | 0 | SE | 3 | Calm | 0 | 0·0 | 4·5 |
| 20 | 21·1 | 19·9 | 21·0 | 34·0 | 21·0 | 23·5 | 33·0 | 25·5 | 79 | 39 | 72 | 17·0 | 14·7 | 17·5 | 5 | 5 | 10 | SE | 6 | ESE | 3 | ESE | 6 | 39·5 | 4·1 |
| 21 | 23·2 | 21·1 | 21·4 | 24·5 | 18·5 | 20·0 | 23·0 | 20·5 | 91 | 83 | 96 | 15·7 | 17·3 | 17·1 | 10 | 10 | 10 | Calm | 0 | SSW | 3 | SSW | 3 | 1·0 | 3·0 |
| 22 | 22·3 | 20·3 | 21·3 | 31·5 | 20·0 | 22·0 | 30·0 | 25·0 | 91 | 59 | 80 | 17·9 | 18·5 | 18·7 | 10 | 9 | 3 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 2·5 |
| 23 | 22·2 | 19·2 | 20·1 | 32·0 | 20·0 | 22·5 | 30·5 | 26·0 | 87 | 53 | 76 | 17·6 | 17·2 | 19·0 | 2 | 1 | 1 | SSW | 3 | S | 3 | Calm | 0 | 0·0 | 2·5 |
| 24 | 21·3 | 20·2 | 21·2 | 25·0 | 20·5 | 22·0 | 23·0 | 23·0 | 91 | 96 | 91 | 17·9 | 20·0 | 19·0 | 10 | 10 | 8 | Calm | 0 | ESE | 3 | Calm | 0 | 0·0 | 1·1 |
| 25 | 22·3 | 20·2 | 21·1 | 3 ·0 | 21·0 | 22·5 | 29·0 | 24·0 | 92 | 64 | 83 | 18·5 | 19·1 | 18·4 | 10 | 4 | 2 | Calm | 0 | SSW | 3 | Calm | 0 | 0·0 | 2·2 |
| 26 | 22·2 | 20·2 | 21·1 | 32·5 | 20·0 | 23·5 | 31·5 | 25·5 | 83 | 46 | 76 | 17·8 | 15·6 | 18·4 | 3 | 3 | 2 | Calm | 0 | S | 3 | Calm | 0 | 0·0 | 2·5 |
| 27 | 22·2 | 20·2 | 21·3 | 31·0 | 20·5 | 24·0 | 30·0 | 23·0 | 75 | 53 | 88 | 16·6 | 16·6 | 18·1 | 6 | 6 | 4 | S | 6 | Calm | 0 | Calm | 0 | 0·0 | 2·4 |
| 28 | 22·3 | 20·0 | 20 3 | 34·0 | 19·5 | 22·5 | 32·0 | 25·0 | 87 | 52 | 84 | 17·6 | 18·2 | 19·7 | 10 | 6 | 4 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·5 |
| 29 | 21·1 | 22·1 | 22·0 | 33·5 | 21·0 | 24·0 | 32·5 | 22·5 | 83 | 44 | 100 | 18·4 | 16·0 | 20·2 | 2 | 5 | 4 | Calm | 0 | E | 3 | Calm | 0 | 20·0 | 4·0 |
| 30 | 23·1 | 21·0 | 22·3 | 30·0 | 20·5 | 21·0 | 29·0 | 24·0 | 95 | 58 | 87 | 17·6 | 17·2 | 19·3 | 10 | 8 | 6 | ESE | 3 | SSE | 3 | Calm | 0 | 0·0 | 1·5 |
| 31 | 23·2 | 20·9 | 21·2 | 32·5 | 20·5 | 23·0 | 31·0 | 26·0 | 91 | 53 | 76 | 19·0 | 17·9 | 19·0 | 2 | 4 | 2 | E | 3 | ESE | 3 | Calm | 0 | 0·0 | 2·2 |
| Month | 22·33 | 20·50 | 21·32 | 31·8 | 20·1 | 22·8 | 29·4 | 24·2 | 87 | 59 | 84 | 17·7 | 17·3 | 18·7 | 6·0 | 6·3 | 4·9 | — | 2·1 | — | 2·6 | — | 0·6 | 113·5 | 2·66 |

**Remarks:—**

$C_h = +37$ mm.

## August 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct | Force | 14 h Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22·1 | 20·1 | 21·0 | 34·0 | 21·5 | 25·0 | 33·0 | 24·0 | 80 | 50 | 91 | 18·7 | 18·6 | 20·3 | 7 | 7 | 5 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 2·1 |
| 2 | 22·1 | 20·0 | 20·2 | 32·5 | 20·0 | 23·5 | 31·0 | 25·0 | 91 | 59 | 87 | 19·7 | 19·8 | 20·6 | 8 | 6 | 3 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 2·5 |
| 3 | 21·1 | 20·4 | 21·3 | 30·0 | 21·5 | 23·5 | 24·0 | 22·5 | 96 | 79 | 87 | 20·6 | 17·5 | 17·6 | 6 | 10 | 9 | Calm | 0 | SSW | 3 | Calm | 0 | 2·0 | 2·0 |
| 4 | 22·5 | 21·3 | 22·1 | 29·0 | 20·0 | 21·5 | 27·5 | 24·0 | 87 | 63 | 83 | 16·5 | 17·2 | 18·4 | 10 | 10 | 7 | ESE | 6 | S | 3 | Calm | 0 | 0·0 | 2·1 |
| 5 | 22·4 | 20·0 | 21 1 | 32·5 | 20·5 | 23·0 | 30·0 | 26·0 | 88 | 59 | 73 | 18·1 | 18·5 | 18·1 | 6 | 6 | 2 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·0 |
| 6 | 22·1 | 20·0 | 20·2 | 34·0 | 21·5 | 24·0 | 33·0 | 25·5 | 83 | 42 | 76 | 18·4 | 15·7 | 18·4 | 0 | 5 | 4 | Calm | 0 | SSW | 3 | Calm | 0 | 0·0 | 3·0 |
| 7 | 22·3 | 19·1 | 20·0 | 34·5 | 21·5 | 23·5 | 33·5 | 26·5 | 87 | 40 | 73 | 18·7 | 15·4 | 18·7 | 8 | 4 | 1 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·3 |
| 8 | 21·1 | 18·0 | 20·1 | 34·5 | 20·5 | 25·0 | 33·0 | 25·0 | 80 | 42 | 72 | 18·7 | 15·7 | 16·9 | 0 | 6 | 8 | Calm | 0 | NE | 6 | S | 3 | 0·0 | 3·5 |
| 9 | 22·0 | 20·0 | 20·4 | 32 5 | 20·0 | 24·0 | 31·0 | 25·5 | 72 | 53 | 72 | 15·8 | 17·9 | 17·5 | 3 | 7 | 8 | SSE | 3 | Calm | 0 | E | 3 | 0·0 | 3·0 |
| 10 | 21·3 | 18·7 | 20·1 | 34·0 | 21·0 | 23·5 | 33·0 | 26·5 | 83 | 42 | 73 | 17·8 | 15·7 | 18·7 | 10 | 6 | 7 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 2·6 |
| 11 | 21·2 | 18 8 | 20·9 | 34·0 | 21·5 | 25·0 | 33·0 | 25·0 | 80 | 44 | 76 | 18·7 | 16·6 | 17·8 | 3 | 7 | 3 | Calm | 0 | ESE | 6 | SSE | 6 | 0·0 | 3·0 |
| 12 | 23·0 | 19·9 | 21·0 | 32·5 | 19·5 | 22·0 | 31·0 | 25·5 | 82 | 48 | 76 | 16·2 | 15·9 | 18·4 | 7 | 8 | 2 | SE | 3 | E | 6 | Calm | 0 | 0·0 | 3·0 |
| 13 | 22·2 | 20 2 | 21·2 | 32·0 | 20·0 | 24·0 | 30.0 | 24·5 | 83 | 55 | 68 | 18·4 | 17·5 | 15·5 | 7 | 10 | 10 | SSE | 3 | SE | 3 | Calm | 0 | 1·0 | 2·4 |
| 14 | 22·1 | 19·9 | 21·0 | 34·0 | 20·5 | 23·5 | 30·5 | 25·5 | 79 | 53 | 80 | 17·0 | 17·2 | 19·3 | 8 | 7 | 10 | Calm | 0 | S | 6 | SE | 3 | 3·0 | 2·7 |
| 15 | 21·3 | 19·0 | 20·2 | 33·5 | 21·0 | 23·5 | 32·5 | 24·0 | 91 | 41 | 83 | 19·7 | 15·0 | 18·4 | 10 | 8 | 10 | SE | 3 | ESE | 6 | Calm | 0 | 8·0 | 2·0 |
| 16 | 22 3 | 20·3 | 22·2 | 29·0 | 19·0 | 20·0 | 26·5 | 23·5 | 95 | 63 | 75 | 16·6 | 16·0 | 16·1 | 10 | 10 | 1 | Calm | 0 | Calm | 0 | Calm | 0 | 8·5 | 1·6 |
| 17 | 23 8 | 21·1 | 21·4 | 30·5 | 19·5 | 20·5 | 29·5 | 24·5 | 96 | 52 | 80 | 17·1 | 16·0 | 18·1 | 10 | 9 | 10 | Calm | 0 | E | 6 | NE | 3 | 0·0 | 2·0 |
| 18 | 22·5 | 19·2 | 20·1 | 32·0 | 19·5 | 21·5 | 30·0 | 26·0 | 96 | 55 | 76 | 18·2 | 17·5 | 19·0 | 10 | 5 | 2 | Calm | 0 | Calm | 0 | Calm | 0 | 0.0 | 2·6 |
| 19 | 21·3 | 18 8 | 19·9 | 34·0 | 19·5 | 24·5 | 33·0 | 26·0 | 83 | 44 | 80 | 19·0 | 16·6 | 20·0 | 2 | 6 | 4 | Calm | 0 | ESE | 3 | Calm | 0 | 0·0 | 3·0 |
| 20 | 21·0 | 18·4 | 19·4 | 29·0 | 20·0 | 25·5 | 25·0 | 22·0 | 80 | 68 | 96 | 19·3 | 16·0 | 18·7 | 10 | 10 | 9 | SSW | 3 | E | 6 | Calm | 0 | 5·0 | 1·2 |
| 21 | 21·6 | 20·1 | 21·2 | 30·0 | 19·0 | 20·0 | 28·5 | 21·5 | 95 | 55 | 87 | 16·6 | 15·6 | 16·5 | 10 | 9 | 8 | Calm | 0 | Calm | 0 | Calm | 0 | 0·4 | 2·0 |
| 22 | 22·5 | 20·5 | 21·2 | 31·0 | 19·5 | 22·0 | 30·0 | 24·5 | 87 | 53 | 87 | 17·0 | 16·6 | 20·0 | 10 | 9 | 2 | Calm | 0 | ESE | 3 | Calm | 0 | 0·0 | 2·5 |
| 23 | 22·3 | 19·9 | 20·5 | 33·5 | 21·0 | 22·5 | 32·5 | 24·0 | 92 | 41 | 75 | 18·5 | 15·0 | 16·6 | 10 | 6 | 2 | Calm | 0 | E | 3 | ESE | 3 | 0·0 | 3·0 |
| 24 | 22·2 | 20·0 | 20·3 | 31·5 | 20·0 | 24·5 | 28·0 | 23·0 | 72 | 51 | 78 | 16 3 | 14·2 | 16·4 | 10 | 10 | 1 | Calm | 0 | SSW | 6 | Calm | 0 | 0·0 | 3·0 |
| 25 | 22·3 | 19·3 | 20·1 | 34·0 | 18·5 | 22·5 | 33·0 | 25·5 | 78 | 37 | 72 | 15·8 | 13·8 | 17·5 | 0 | 4 | 1 | Calm | 0 | ESE | 3 | E | 3 | 0·0 | 3·5 |
| 26 | 22·1 | 21·1 | 21·2 | 35·0 | 18·5 | 24·0 | 34·0 | 27·0 | 75 | 33 | 63 | 16·6 | 13·2 | 16·6 | 2 | 2 | 1 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·1 |
| 27 | 23 1 | 20·9 | 21·1 | 35·0 | 19·0 | 24·0 | 34·0 | 27·0 | 79 | 31 | 63 | 17·5 | 12·3 | 16·6 | 0 | 1 | 1 | S | 6 | S | 6 | Calm | 0 | 0·0 | 3·0 |
| 28 | 21·4 | 20·0 | 20·3 | 36·5 | 20·0 | 25·0 | 34·5 | 27·0 | 68 | 32 | 60 | 16·0 | 12·9 | 15·7 | 3 | 6 | 2 | SSW | 10 | ENE | 3 | Calm | 0 | 0·0 | 3·5 |
| 29 | 21 0 | 22 5 | 19·8 | 36·5 | 20·0 | 27·0 | 35·0 | 26·5 | 56 | 26 | 63 | 14·8 | 10·8 | 16·0 | 7 | 3 | 1 | E | 3 | NE | 3 | Calm | 0 | 0·0 | 3·0 |
| 30 | 21·0 | 18·9 | 18·8 | 37·5 | 20·0 | 26·0 | 36·5 | 27·0 | 66 | 23 | 63 | 16·3 | 10·7 | 16·6 | 0 | 3 | 1 | Calm | 0 | E | 6 | Calm | 0 | 0·0 | 4·0 |
| 31 | 21·2 | 18·9 | 20·0 | 37·0 | 21·0 | 26·0 | 36·0 | 27·0 | 66 | 25 | 66 | 16·3 | 11·0 | 17·5 | 3 | 5 | 2 | Calm | 0 | SSW | 3 | Calm | 0 | 0·0 | 4·5 |
| Month | 21·93 | 19·85 | 20·59 | 33·1 | 20·1 | 23·5 | 31.4 | 25·1 | 82 | 47 | 76 | 17·6 | 15·6 | 17·8 | 6·1 | 6·6 | 4·4 | — | 1·3 | — | 3·1 | — | 0·8 | 27·9 | 2·76 |

**Remarks:—**

# MONGALLA.

$\varphi = 5^\circ\ 11'$ N. $\lambda = 31^\circ\ 46'\ 42''$ E. H = 439·0 m. $h_t$ = 1·3 m. $h_r$ = 1·0 m.

$C_h$ = + 37 mm.

## September 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21·0 | 19·6 | 20·0 | 35·0 | 21·5 | 26·5 | 34·0 | 27·5 | 66 | 29 | 54 | 16·9 | 11·4 | 14·5 | 3 | 9 | 8 | ESE | 6 | NNE | 9 | Calm | 0 | 0·0 | 4·0 |
| 2 | 21·0 | 17·7 | 18·8 | 36·5 | 20·0 | 26·5 | 35·0 | 27·5 | 59 | 30 | 60 | 15·1 | 12·6 | 16·3 | 3 | 5 | 2 | Calm | 0 | Calm | 0 | Calm | 0 | 4·0 | 2·5 |
| 3 | 21·1 | 18·9 | 20·0 | 30·5 | 20·0 | 21·5 | 28·5 | 24·5 | 91 | 55 | 76 | 17·3 | 15·6 | 17·2 | 10 | 10 | 8 | Calm | 0 | S | 3 | SW | 3 | 0·0 | 2·8 |
| 4 | 22·1 | 22·3 | 21·5 | 32·0 | 20·0 | 24·0 | 20·0 | 20·0 | 79 | 95 | 95 | 17·5 | 16·6 | 16·6 | 10 | 10 | 9 | E | 3 | SSE | 3 | Calm | 0 | 68·0 | 1·5 |
| 5 | 22·7 | 20·0 | 20·3 | 31·5 | 19·5 | 21·0 | 30·0 | 20·0 | 95 | 55 | 76 | 17·6 | 17·5 | 19·0 | 10 | 5 | 6 | SSE | 3 | Calm | 0 | Calm | 0 | 0·0 | 3·6 |
| 6 | 22·5 | 18·2 | 19·2 | 34·0 | 21·0 | 25·0 | 33·0 | 27·0 | 84 | 42 | 69 | 19·7 | 15·7 | 18·4 | 7 | 6 | 1 | S | 3 | ESE | 3 | Calm | 0 | 0·0 | 4·0 |
| 7 | 20·1 | 17·9 | 19·1 | 35·0 | 20·0 | 24·5 | 33·5 | 26·5 | 68 | 35 | 66 | 15·5 | 13·5 | 16·9 | 4 | 4 | 1 | ESE | 6 | Calm | 0 | Calm | 0 | 0·0 | 4·0 |
| 8 | 22·1 | 20·3 | 20·1 | 34·5 | 19·5 | 23·5 | 32·5 | 26·5 | 79 | 44 | 73 | 17·0 | 16·0 | 18·7 | 5 | 7 | 5 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 4·1 |
| 9 | 20·4 | 19·8 | 20·1 | 34·5 | 21·5 | 25·0 | 33·0 | 26·0 | 80 | 44 | 76 | 18·7 | 16·6 | 19·0 | 3 | 6 | 9 | SSW | 3 | E | 3 | Calm | 0 | 4·0 | 4·5 |
| 10 | 21·4 | 17·8 | 19·9 | 32·5 | 21·5 | 24·5 | 31·0 | 25·0 | 83 | 50 | 84 | 19·0 | 16·9 | 19·7 | 9 | 7 | 9 | Calm | 0 | ESE | 3 | Calm | 0 | 0·0 | 5·4 |
| 11 | 20·2 | 17·8 | 18·9 | 35·0 | 20·5 | 24·5 | 34·0 | 27·5 | 83 | 33 | 63 | 19·0 | 13·2 | 17·2 | 6 | 3 | 1 | Calm | 0 | E | 6 | Calm | 0 | 0·0 | 5·0 |
| 12 | 21·0 | 18·2 | 19·1 | 34·0 | 21·0 | 26·0 | 33·0 | 25·5 | 69 | 37 | 72 | 17·2 | 13·8 | 17·5 | 3 | 7 | 1 | S | 3 | ENE | 3 | Calm | 0 | 0·0 | 5·7 |
| 13 | 21·0 | 19·1 | 19·9 | 33·0 | 22·0 | 27·5 | 31·5 | 25·0 | 67 | 43 | 76 | 18·1 | 14·7 | 17·8 | 4 | 8 | 1 | Calm | 0 | N | 3 | Calm | 0 | 0·0 | 4·6 |
| 14 | 22·0 | 18·1 | 18·8 | 35·5 | 21·0 | 26·0 | 34·0 | 27·0 | 69 | 36 | 66 | 17·2 | 14·1 | 17·5 | 5 | 5 | 1 | SE | 3 | SE | 3 | Calm | 0 | 0·0 | 5·0 |
| 15 | 21·5 | 18·7 | 19·8 | 35·5 | 21·5 | 25·0 | 34·0 | 26·5 | 76 | 31 | 66 | 17·8 | 12·3 | 16·9 | 7 | 8 | 1 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 5·5 |
| 16 | 21·0 | 18·3 | 19·0 | 37·0 | 19·0 | 26·0 | 35·5 | 28·0 | 52 | 31 | 60 | 12·9 | 13·2 | 16·9 | 2 | 4 | 6 | Calm | 0 | SSE | 3 | Calm | 0 | 0·0 | 6·5 |
| 17 | 21·0 | 17·9 | 20·0 | 35·0 | 20·5 | 26·0 | 34·0 | 26·0 | 69 | 33 | 66 | 17·2 | 13·2 | 16·3 | 4 | 3 | 2 | SSW | 3 | Calm | 0 | SSW | 3 | 0·0 | 6·0 |
| 18 | 22·0 | 19·1 | 19·8 | 35·0 | 21·0 | 25·0 | 33·5 | 25·5 | 76 | 38 | 69 | 17·8 | 14·4 | 16·6 | 5 | 9 | 9 | S | 3 | SSW | 3 | Calm | 0 | 0·0 | 5·7 |
| 19 | 21·5 | 19·0 | 20·1 | 32·5 | 20·5 | 22·5 | 31·5 | 25·5 | 87 | 43 | 76 | 17·6 | 14·7 | 18·4 | 7 | 6 | 5 | Calm | 0 | ESE | 3 | ESE | 6 | 0·0 | 4·8 |
| 20 | 22·4 | 19·2 | 20·1 | 35·5 | 21·0 | 24·5 | 34·0 | 29·0 | 80 | 33 | 49 | 18·1 | 13·2 | 14·5 | 5 | 5 | 1 | E | 3 | Calm | 0 | Calm | 0 | 0·0 | 6·0 |
| 21 | 21·2 | 17·8 | 19·1 | 37·0 | 19·0 | 27·5 | 36·0 | 28·0 | 47 | 23 | 51 | 12·8 | 10·1 | 14·2 | 0 | 3 | 1 | ESE | 6 | E | 6 | Calm | 0 | 0·0 | 7·0 |
| 22 | 20·4 | 16·7 | 17·9 | 38·5 | 19·5 | 27·5 | 37·0 | 29·5 | 50 | 16 | 43 | 13·6 | 7·8 | 13·3 | 5 | 4 | 5 | E | 3 | S | 3 | Calm | 0 | 0·0 | 7·0 |
| 23 | 21·0 | 18·9 | 20·4 | 32·0 | 20·5 | 23·5 | 31·0 | 26·0 | 83 | 42 | 66 | 17·8 | 14·1 | 16·3 | 9 | 9 | 4 | Calm | 0 | NE | 6 | E | 3 | 0·0 | 4·0 |
| 24 | 22·5 | 18·9 | 20·4 | 32·0 | 20·0 | 25·5 | 31·0 | 26·0 | 65 | 42 | 73 | 15·7 | 14·1 | 18·1 | 7 | 9 | 4 | ESE | 3 | ENE | 6 | ESE | 3 | 0·0 | 3·3 |
| 25 | 22·4 | 17·5 | 18·9 | 35·5 | 20·5 | 25·0 | 34·5 | 27·5 | 76 | 27 | 57 | 17·8 | 11·1 | 15·4 | 5 | 3 | 4 | Calm | 0 | ESE | 3 | Calm | 0 | 0·0 | 6·5 |
| 26 | 20·1 | 16·6 | 17·9 | 36·0 | 19·5 | 23·0 | 34·5 | 27·5 | 74 | 34 | 54 | 15·5 | 13·8 | 14·5 | 8 | 9 | 2 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 6·3 |
| 27 | 19·0 | 16·8 | 17·1 | 37·5 | 20·0 | 25·5 | 36·5 | 29·0 | 62 | 19 | 37 | 14·9 | 8·9 | 11·1 | 0 | 3 | 3 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 8·0 |
| 28 | 19·1 | 16·5 | 18·1 | 39·0 | 18·0 | 28·0 | 38·0 | 28·0 | 36 | 18 | 44 | 10·0 | 8·9 | 12·5 | 3 | 5 | 3 | E | 6 | ESE | 3 | Calm | 0 | 0·0 | 10·0 |
| 29 | 19·9 | 16·5 | 17·6 | 34·0 | 18·0 | 27·0 | 32·5 | 23·5 | 40 | 34 | 40 | 10·6 | 12·3 | 12·4 | 5 | 8 | 4 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 8·0 |
| 30 | 19·0 | 15·5 | 16·1 | 38·5 | 19·0 | 27·5 | 37·5 | 28·5 | 43 | 23 | 55 | 12·0 | 11·0 | 15·6 | 3 | 4 | 2 | ESE | 3 | SE | 3 | Calm | 0 | 0·0 | 8·3 |
| Month | 21·09 | 18·32 | 19·27 | 34·8 | 20·2 | 25·2 | 33·1 | 26·7 | 70 | 37 | 64 | 16·3 | 13·4 | 16·3 | 5·2 | 6·1 | 3·9 | — | 2·0 | — | 2·6 | — | 0·6 | 76·0 | 5·32 |

**Remarks:—**

$C_h$ = +37 mm.

## October 1913.

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. (700 +) | 20 h. (700 +) | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h. Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18·3 | 16·0 | 16·9 | 35·0 | 18·5 | 26·5 | 34·0 | 28·0 | 49 | 36 | 54 | 12·6 | 14·1 | 15·1 | 5 | 10 | 9 | SSW | 10 | SSW | 3 | [illegible] | 6 | 0·0 | 6·5 |
| 2 | 17·4 | 16·1 | 16·9 | 32·0 | 20·0 | 24·5 | 31·0 | 27·0 | 68 | 45 | 66 | 15·5 | 15·0 | 17·5 | 7 | 9 | 2 | WNW | 6 | SSE | 3 | Calm | 0 | 0·0 | 5·0 |
| 3 | 17·2 | 18·8 | 19·9 | 33·5 | 20·5 | 25·5 | 32·0 | 27·5 | 72 | 41 | 60 | 17·5 | 14·4 | 16·3 | 5 | 8 | 7 | Calm | 0 | S | 3 | Calm | 0 | 0·0 | 4·1 |
| 4 | 21·0 | 18·0 | 19·8 | 37·0 | 20·5 | 27·0 | 36·5 | 29·0 | 60 | 32 | 49 | 15·7 | 14·5 | 14·5 | 9 | 9 | 10 | Calm | 0 | SSW | 6 | E | 6 | 0·0 | 7·0 |
| 5 | 22·1 | 19·2 | 19·9 | 31·5 | 20·0 | 25·0 | 30·0 | 27·0 | 68 | 47 | 60 | 16·0 | 14·7 | 15·7 | 7 | 9 | 10 | NNE | 6 | W | 6 | Calm | 0 | 0·0 | 5·5 |
| 6 | 21·2 | 16·7 | 18·2 | 36·0 | 21·0 | 27·0 | 35·0 | 27·0 | 60 | 30 | 63 | 15·7 | 12·6 | 16·6 | 3 | 7 | 8 | E | 3 | S | 3 | SSW | 6 | 0·0 | 6·0 |
| 7 | 20·1 | 18·3 | 20·0 | 35·0 | 21·5 | 26·0 | 34·0 | 23·5 | 73 | 33 | 87 | 18·1 | 13·2 | 18·7 | 6 | 10 | 10 | S | 3 | WNW | 6 | W | 3 | 70·0 | 2·5 |
| 8 | 22·5 | 19·0 | 19·9 | 31·0 | 20·5 | 23·0 | 29·0 | 26·0 | 88 | 61 | 76 | 18·1 | 18·1 | 19·0 | 10 | 9 | 6 | SSW | 3 | ESE | 3 | Calm | 0 | 0·0 | 2·0 |
| 9 | 21·1 | 17·9 | 18·8 | 34·5 | 21·5 | 25·5 | 33·5 | 27·5 | 80 | 38 | 63 | 19·3 | 14·4 | 17·2 | 5 | 5 | 6 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 4·0 |
| 10 | 21·2 | 17·2 | 19·0 | 32·5 | 21·0 | 25·5 | 31·5 | 24·5 | 72 | 48 | 70 | 17·5 | 16·6 | 17·2 | 5 | 7 | 8 | S | 3 | Calm | 0 | Calm | 0 | 14·0 | 3·1 |
| 11 | 22·2 | 19·4 | 20·2 | 29·5 | 21·0 | 22·5 | 27·0 | 23·0 | 87 | 73 | 78 | 17·6 | 19·4 | 16·4 | 10 | 10 | 9 | ESE | 3 | W | 3 | Calm | 0 | 2·0 | 1·5 |
| 12 | 21·1 | 17·3 | 20·0 | 34·5 | 20·0 | 25·0 | 33·0 | 23·5 | 76 | 37 | 83 | 17·8 | 13·8 | 17·8 | 0 | 5 | 10 | Calm | 0 | ESE | 3 | WSW | 3 | 2·0 | 4·0 |
| 13 | 23·2 | 20·2 | 21·2 | 29·0 | 19·5 | 21·5 | 27·5 | 27·0 | 87 | 67 | 66 | 16·5 | 18·1 | 17·5 | 10 | 9 | 8 | SSW | 3 | SSW | 3 | Calm | 0 | 0·0 | 2·5 |
| 14 | 22·1 | 18·6 | 19·3 | 35·0 | 21·0 | 26·0 | 34·0 | 27·0 | 69 | 38 | 69 | 17·2 | 15·0 | 18·4 | 3 | 4 | 1 | Calm | 0 | E | 3 | Calm | 0 | 0·0 | 4·5 |
| 15 | 21·1 | 17·9 | 19·8 | 36·0 | 21·5 | 26·0 | 35·0 | 27·5 | 69 | 32 | 63 | 17·2 | 13·5 | 17·2 | 5 | 7 | 4 | E | 6 | ESE | 6 | ESE | 6 | 0·0 | 7·0 |
| 16 | 21·9 | 19·8 | 20·9 | 31·0 | 21·5 | 26·5 | 29·5 | 27·5 | 69 | 52 | 54 | 17·8 | 16·0 | 14·5 | 5 | 10 | 10 | Calm | 0 | E | 3 | Calm | 0 | 8·0 | 3·0 |
| 17 | 23·2 | 19·2 | 20·1 | 34·5 | 19·5 | 20·5 | 33·0 | 25·5 | 96 | 42 | 80 | 17·1 | 15·7 | 19·3 | 10 | 9 | 2 | Calm | 0 | S | 3 | Calm | 0 | 2·0 | 2·1 |
| 18 | 22·0 | 18·1 | 19·0 | 33·5 | 20·5 | 25·0 | 32·0 | 27·5 | 80 | 46 | 63 | 18·7 | 10·3 | 17·2 | 3 | 5 | 3 | S | 3 | Calm | 0 | Calm | 0 | 0·0 | 3·3 |
| 19 | 21·1 | 16·7 | 18·2 | 37·5 | 20·5 | 25·5 | 36·5 | 29·0 | 69 | 23 | 52 | 16·6 | 10·7 | 15·3 | 0 | 3 | 1 | ESE | 3 | Calm | 0 | Calm | 0 | 0·0 | 6·5 |
| 20 | 19·9 | 16·9 | 18·8 | 37·0 | 21·0 | 28·5 | 36·0 | 29·0 | 52 | 27 | 52 | 14·8 | 11·9 | 15·3 | 3 | 4 | 1 | SSW | 3 | SSW | 3 | Calm | 0 | 0·0 | 8·0 |
| 21 | 20·9 | 17·6 | 19·6 | 36·5 | 20·5 | 26·0 | 35·5 | 27·5 | 66 | 31 | 63 | 16·3 | 13·2 | 17·2 | 7 | 5 | 1 | Calm | 0 | S | 3 | Calm | 0 | 0·0 | 5·0 |
| 22 | 21·8 | 17·8 | 19·6 | 35·0 | 22·0 | 27·0 | 34·0 | 25·5 | 69 | 36 | 69 | 18·4 | 14·1 | 16·0 | 3 | 8 | 9 | S | 3 | ESE | 3 | E | 3 | 3·0 | 4·6 |
| 23 | 21·2 | 18·0 | 19·1 | 37·5 | 21·5 | 26·0 | 36·5 | 29·5 | 76 | 28 | 56 | 19·0 | 12·6 | 17·8 | 3 | 5 | 4 | SSW | 3 | SSW | 1 | S | 1 | 0·0 | 6·6 |
| 24 | 20·9 | 16·7 | 18·9 | 37·0 | 21·0 | 25·5 | 36·0 | 25·5 | 72 | 30 | 76 | 17·5 | 15·8 | 18·4 | 5 | 7 | 8 | S | 3 | SE | 3 | SSW | 6 | 3·5 | 5·0 |
| 25 | 21·0 | 17·7 | 20·1 | 35·0 | 21·5 | 25·0 | 34·0 | 26·5 | 76 | 38 | 66 | 17·8 | 15·0 | 16·9 | 3 | 7 | 5 | Calm | 0 | S | 3 | S | 3 | 0·0 | 4·0 |
| 26 | 22·0 | 19·0 | 21·1 | 29·0 | 21·0 | 25·5 | 27·0 | 22·0 | 69 | 69 | 100 | 16·6 | 18·4 | 19·6 | 6 | 8 | 10 | SSW | 3 | Calm | 0 | Calm | 0 | 12·0 | 2·0 |
| 27 | 23·1 | 18·9 | 21·0 | 30·5 | 20·0 | 24·5 | 29·0 | 22·5 | 96 | 61 | 92 | 21·9 | 18·1 | 18·5 | 7 | 7 | 8 | Calm | 0 | SSW | 3 | Calm | 0 | 6·0 | 2·0 |
| 28 | 22·6 | 19·2 | 21·1 | 30·0 | 19·5 | 22·0 | 28·0 | 23·5 | 91 | 60 | 87 | 17·9 | 16·9 | 18·7 | 6 | 5 | 2 | S | 3 | E | 3 | Calm | 0 | 0·0 | 2·5 |
| 29 | 22·2 | 20·1 | 20·4 | 29·5 | 20·0 | 24·0 | 28·0 | 22·0 | 79 | 73 | 96 | 17·5 | 20·7 | 18·7 | 9 | 9 | 3 | SSW | 8 | ESE | 6 | ESE | 3 | 0·0 | 2·1 |
| 30 | 21·7 | 17·0 | 20·1 | 34·5 | 19·0 | 23·0 | 28·5 | 25·5 | 83 | 52 | 88 | 17·3 | 14·8 | 21·3 | 0 | 3 | 1 | S | 3 | E | 1 | Calm | 0 | 0·0 | 5·1 |
| 31 | 22·2 | 17·8 | 20·2 | 35·5 | 19·5 | 24·0 | 31·5 | 25·5 | 72 | 37 | 72 | 15·8 | 12·9 | 17·5 | 8 | 7 | 4 | Calm | 0 | Calm | 0 | E | 1 | 0·0 | 4·1 |
| Month | 21·27 | 18·10 | 19·61 | 33·7 | 20·5 | 25·0 | 32·2 | 26·1 | 74 | 44 | 70 | 17·2 | 15·2 | 17·4 | 5·4 | 7·1 | 5·8 | — | 2·5 | — | 2·9 | — | 1·5 | 122·5 | 4·23 |

**Remarks:—**

# MONGALLA.

$\varphi = 5° 11' N.$ $\lambda = 31° 46' 42'' E.$ $H = 439·0$ m. $h_t = 1·3$ m. $h_r = 1·0$ m.

$C_h = +37$ mm. **November 1913.**

| Date | Standard Pressure (mm.) 8 h. (700 +) | 14 h. | 20 h. | AIR TEMPERATURE (°C) Max. | Min. | 8 h. | 14 h. | 20 h. | Relative Humidity (per cent) 8 h. | 14 h. | 20 h. | Vapour Pressure (mm.) 8 h. | 14 h. | 20 h. | Clouds Amount (0-10) 8 h. | 14 h. | 20 h. | WIND DIRECTION AND FORCE (0-10) 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h Direct. | Force | Rain in 24 hours (mm.) | Evaporation in 24 hours (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22·1 | 20·1 | 21·1 | 31·5 | 21·0 | 23·0 | 30·5 | 24·5 | 78 | 50 | 76 | 16·4 | 16·3 | 17·2 | 7 | 8 | 8 | SE | 16 | ESE | 3 | NNE | 3 | 0·0 | 2·7 |
| 2 | 21·6 | 18·2 | 20·7 | 34·5 | 20·5 | 25·0 | 34·0 | 28·0 | 68 | 29 | 54 | 16·0 | 11·4 | 15·1 | 3 | 3 | 4 | SSE | 10 | S | 6 | Calm | 0 | 0·0 | 5·3 |
| 3 | 22·2 | 19·1 | 20·4 | 31·0 | 20·0 | 23·5 | 29·5 | 25·0 | 79 | 46 | 64 | 17·0 | 14·1 | 15·2 | 8 | 0 | 5 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·5 |
| 4 | 22·0 | 18·2 | 20·0 | 35·0 | 20·5 | 27·0 | 33·5 | 27·0 | 63 | 35 | 60 | 16·6 | 13·5 | 15·7 | 0 | 4 | 6 | SSE | 10 | E | 3 | Calm | 0 | 4·0 | 5·0 |
| 5 | 21·4 | 19·1 | 21·0 | 32·0 | 22·0 | 25·0 | 31·0 | 25·0 | 80 | 48 | 68 | 18·7 | 15·9 | 16·0 | 8 | 6 | 7 | SSW | 3 | NNE | 3 | SSW | 6 | 0·0 | 4·0 |
| 6 | 22·5 | 18·9 | 21·2 | 32·5 | 20·0 | 23·0 | 31·5 | 25·0 | 83 | 37 | 64 | 17·3 | 12·9 | 15·2 | 8 | 4 | 1 | S | 6 | ESE | 1 | Calm | 0 | 0·0 | 4·2 |
| 7 | 22·1 | 19·9 | 20 4 | 31 0 | 21 0 | 24·0 | 29·0 | 26·0 | 79 | 52 | 62 | 17·5 | 15·3 | 15·4 | 10 | 8 | 4 | Calm | 0 | Calm | 0 | Calm | 0 | 0·0 | 3·7 |
| 8 | 22·0 | 19·3 | 19 9 | 34·0 | 20·0 | 25·0 | 33·0 | 27·0 | 68 | 37 | 60 | 16·0 | 13·8 | 15·7 | 6 | 5 | 8 | Calm | 0 | E | 1 | Calm | 0 | 0·0 | 5·0 |
| 9 | 21·1 | 18·9 | 20·5 | 31·5 | 20·0 | 26·5 | 27·0 | 24·0 | 59 | 63 | 83 | 15·1 | 16·6 | 18·4 | 2 | 9 | 9 | Calm | 0 | SSW | 1 | Calm | 0 | 1·0 | 3·1 |
| 10 | 21·0 | 17·8 | 19·3 | 33·5 | 20·0 | 24·5 | 30·0 | 25·5 | 76 | 50 | 72 | 17·2 | 15·6 | 17·5 | 2 | 8 | 10 | SSW | 3 | N | 6 | Calm | 0 | 0·0 | 4·0 |
| 11 | 20·3 | 17·0 | 19·3 | 35·0 | 20·5 | 25·0 | 33·5 | 26·0 | 72 | 35 | 66 | 16·9 | 13·5 | 16·3 | 4 | 7 | 4 | Calm | 0 | NNE | 3 | Calm | 0 | 0·0 | 4·5 |
| 12 | 19·9 | 16·8 | 18·4 | 33·0 | 21·0 | 25·5 | 31·0 | 25·5 | 69 | 50 | 76 | 16·6 | 16·9 | 18·4 | 3 | 10 | 8 | S | 3 | N | 3 | Calm | 0 | 4·0 | 4·0 |
| 13 | 20·1 | 17·2 | 19·4 | 33·5 | 21·0 | 24·5 | 32·0 | 25·5 | 80 | 46 | 76 | 18·1 | 16·3 | 18·4 | 8 | 4 | 9 | E | 3 | Calm | 0 | Calm | 0 | 3·5 | 3·0 |
| 14 | 22·2 | 18·1 | 20·0 | 34·0 | 21·0 | 24·5 | 33·0 | 27·0 | 80 | 42 | 66 | 18·1 | 15·7 | 17·5 | 9 | 7 | 8 | ESE | 3 | NNE | 6 | ESE | 3 | 0·0 | 4·0 |
| 15 | 22·5 | 18·6 | 20·0 | 35·0 | 21·0 | 25·0 | 34·0 | 26·5 | 76 | 36 | 69 | 17·8 | 14·1 | 17·8 | 7 | 4 | 9 | SSW | 3 | ESE | 3 | Calm | 0 | 0·0 | 4·0 |
| 16 | 22·0 | 19·2 | 19·9 | 33·5 | 21·0 | 26·0 | 32·0 | 25·5 | 69 | 41 | 72 | 17·2 | 14·4 | 17·5 | 6 | 7 | 4 | Calm | 0 | E | 6 | E | 3 | 0·0 | 5·5 |
| 17 | 21·5 | 18·6 | 20 0 | 35·5 | 21·0 | 23·5 | 34·5 | 25·5 | 83 | 29 | 69 | 17·8 | 12 0 | 16·6 | 7 | 5 | 1 | SE | 3 | ESE | 6 | Calm | 0 | 0·0 | 4·5 |
| 18 | 20·9 | 17·3 | 18·1 | 37·0 | 20·0 | 24·5 | 35 5 | 28·0 | 72 | 29 | 54 | 16·3 | 12·2 | 15·1 | 3 | 6 | 1 | Calm | 0 | E | 6 | Calm | 0 | 0·0 | 7·5 |
| 19 | 19·9 | 16·3 | 18·9 | 37·5 | 20·5 | 25·5 | 36·5 | 27·0 | 65 | 21 | 56 | 15·7 | 9·8 | 14·8 | 5 | 7 | 3 | Calm | 0 | ESE | 6 | ESE | 10 | 0·0 | 7·5 |
| 20 | 19·5 | 16·6 | 17·6 | 39·0 | 18 5 | 26·0 | 37·5 | 29·5 | 52 | 19 | 35 | 12·9 | 9·2 | 10·7 | 1 | 5 | 1 | Calm | 0 | E | 6 | E | 6 | 0·0 | 9·5 |
| 21 | 20·0 | 16·7 | 18·3 | 38·5 | 20·0 | 25·5 | 37·5 | 29·5 | 58 | 19 | 32 | 14·0 | 9·2 | 9·9 | 0 | 3 | 1 | E | 3 | ESE | 6 | ESE | 6 | 0·0 | 7·5 |
| 22 | 20·0 | 16·5 | 18·0 | 37·0 | 20·0 | 25·5 | 33·5 | 30·5 | 48 | 33 | 36 | 11·6 | 12·6 | 11·8 | 5 | 4 | 6 | ESE | 6 | E | 3 | ENE | 3 | 0·0 | 7·3 |
| 23 | 19·3 | 15·9 | 17·9 | 38·0 | 21·0 | 28·5 | 36·5 | 29·0 | 37 | 21 | 43 | 10·5 | 9·8 | 12·7 | 5 | 6 | 5 | N | 6 | ESE | 3 | E | 6 | 0·0 | 8·5 |
| 24 | 20·2 | 16·3 | 18·4 | 38·0 | 19·5 | 27·5 | 37·0 | 28·5 | 38 | 22 | 49 | 10·3 | 10·4 | 13·9 | 5 | 5 | 2 | E | 10 | E | 6 | ESE | 6 | 0·0 | 8·5 |
| 25 | 20·9 | 17·4 | 19·1 | 35·0 | 22·5 | 26·5 | 34·0 | 28·0 | 46 | 31 | 47 | 11·7 | 12·3 | 13·3 | 8 | 6 | 1 | ESE | 3 | ESE | 6 | SSE | 3 | 0·0 | 7·5 |
| 26 | 21·7 | 17·1 | 19·0 | 35·5 | 22·0 | 24·0 | 34·5 | 26·5 | 75 | 32 | 66 | 16·6 | 12·9 | 16·9 | 8 | 6 | 1 | ENE | 10 | E | 10 | E | 10 | 0·0 | 6·3 |
| 27 | 21·1 | 17·1 | 17·9 | 35·0 | 21·0 | 24·5 | 33·5 | 29·0 | 68 | 35 | 49 | 15·5 | 13·5 | 14·5 | 8 | 6 | 2 | E | 16 | ESE | 10 | ESE | 10 | 0·0 | 7·0 |
| 28 | 20·2 | 16·2 | 16·9 | 36·0 | 21·5 | 26·5 | 34·5 | 28·0 | 59 | 34 | 54 | 15·1 | 13·8 | 15·1 | 7 | 5 | 4 | ESE | 13 | S | 13 | Calm | 0 | 0·0 | 7·5 |
| 29 | 19·1 | 16·7 | 17·8 | 32·0 | 20·0 | 26·0 | 30·0 | 26·0 | 62 | 59 | 76 | 15·4 | 18 5 | 19·0 | 9 | 9 | 1 | E | 10 | Calm | 0 | Calm | 0 | 4·0 | 4·0 |
| 30 | 19·4 | 16·3 | 17·9 | 36·0 | 20·5 | 24·5 | 34·5 | 27·0 | 80 | 32 | 60 | 18·1 | 12·9 | 15·7 | 3 | 7 | 2 | Calm | 0 | E | 6 | E | 6 | 0·0 | 7·0 |
| Month | 20·96 | 17·71 | 19·24 | 34·7 | 20·6 | 25·2 | 33·1 | 26·8 | 67 | 37 | 60 | 15·8 | 13·5 | 15·6 | 5·5 | 5·5 | 4·5 | — | 4·7 | — | 4·4 | — | 2·7 | 16·5 | 5·52 |

**Remarks:—**

$C_h = +37$ mm. **December 1913.**

| Date | 8 h. (700 +) | 14 h. | 20 h. | Max. | Min. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. | 14 h. | 20 h. | 8 h. Direct. | Force | 14 h. Direct. | Force | 20 h Direct. | Force | Rain (mm.) | Evaporation (mm.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19·8 | 16·4 | 17·6 | 38·5 | 20 0 | 25·0 | 37·5 | 29·0 | 64 | 21 | 40 | 15·2 | 10·1 | 11·9 | 5 | 6 | 1 | Calm | 0 | ESE | 6 | SE | 3 | 0·0 | 9·0 |
| 2 | 19·5 | 16·6 | 17·7 | 39·5 | 20·0 | 27·5 | 38·5 | 31·0 | 38 | 14 | 27 | 10·3 | 6·9 | 9·0 | 3 | 3 | 1 | Calm | 0 | E | 10 | S | 6 | 0·0 | 10·0 |
| 3 | 19·5 | 16·1 | 17·6 | 39·5 | 20·5 | 26·5 | 38·0 | 30·0 | 66 | 11 | 25 | 16 9 | 5·5 | 8·0 | 0 | 2 | 1 | S | 6 | ESE | 10 | SSW | 3 | 0·0 | 11·5 |
| 4 | 20·1 | 16·6 | 18·7 | 38·0 | 20·5 | 25·0 | 37·0 | 27·0 | 51 | 14 | 43 | 11·9 | 6·9 | 11 4 | 3 | 4 | 3 | ESE | 6 | SSW | 10 | Calm | 0 | 0·0 | 7·7 |
| 5 | 21·1 | 17·3 | 19·2 | 36·5 | 19·5 | 25·0 | 35·5 | 26·5 | 54 | 20 | 53 | 12·7 | 8·7 | 13·4 | 3 | 1 | 6 | SSE | 3 | S | 3 | Calm | 0 | 0·0 | 8·5 |
| 6 | 21·2 | 17·1 | 18·8 | 35·5 | 19·0 | 22·5 | 34·5 | 27·5 | 70 | 17 | 38 | 14·2 | 6·8 | 10·3 | 7 | 9 | 9 | Calm | 0 | N | 6 | Calm | 0 | 0·0 | 8·0 |
| 7 | 20·5 | 17·5 | 19·0 | 35·0 | 19·5 | 24·5 | 34·0 | 26·0 | 50 | 20 | 42 | 11·4 | 8·0 | 10·5 | 6 | 4 | 1 | SSW | 3 | NNE | 10 | Calm | 0 | 0·0 | 8·5 |
| 8 | 20·5 | 16·8 | 18·7 | 36·5 | 21·0 | 24 0 | 35·0 | 26·0 | 46 | 14 | 42 | 10·1 | 5·8 | 10 5 | 7 | 2 | 2 | Calm | 0 | SSW | 6 | Calm | 0 | 0·0 | 8·0 |
| 9 | 20·4 | 16·6 | 18·1 | 36·5 | 18·0 | 22·0 | 35·5 | 27·5 | 50 | 14 | 30 | 9·9 | 6·2 | 8·0 | 3 | 1 | 1 | S | 6 | N | 6 | Calm | 0 | 0·0 | 8·5 |
| 10 | 19·3 | 15·9 | 17·5 | 36·0 | 19·0 | 24·5 | 35·0 | 22·5 | 40 | 17 | 66 | 9·1 | 7·4 | 13·4 | 3 | 3 | 9 | Calm | 0 | S | 6 | NE | 6 | 0·0 | 9·5 |
| 11 | 19·0 | 18·6 | 19·8 | 34·0 | 21·0 | 24·0 | 33·0 | 27·0 | 60 | 25 | 46 | 13·3 | 9·4 | 12·2 | 10 | 3 | 1 | Calm | 0 | E | 3 | ESE | 6 | 0·0 | 7·5 |
| 12 | 22·1 | 17 9 | 19·8 | 33·5 | 20·0 | 24·0 | 32·0 | 26·0 | 72 | 38 | 62 | 15·8 | 13·5 | 15·. | 8 | 6 | 2 | S | 6 | SSW | 6 | Calm | 0 | 0 0 | 9·5 |
| 13 | 21·9 | 18·1 | 19·3 | 32·5 | 21·0 | 23·5 | 31·5 | 25·5 | 75 | 43 | 69 | 16·1 | 14·7 | 16·6 | 7 | 2 | 4 | SSE | 6 | ESE | 3 | Calm | 0 | 0·0 | 6·5 |
| 14 | 20·5 | 18·8 | 19·9 | 31 5 | 21·0 | 24·5 | 30·5 | 26·5 | 72 | 45 | 63 | 16·3 | 14·4 | 16·0 | 1 | 10 | 6 | Calm | 0 | NNE | 10 | E | 6 | 4·5 | 4·5 |
| 15 | 22·2 | 19·0 | 19·9 | 34·0 | 21·5 | 23·5 | 32·5 | 25·5 | 71 | 24 | 39 | 15·2 | 8·9 | 9·2 | 9 | 2 | 4 | Calm | 0 | SSE | 6 | Calm | 0 | 0·0 | 6·0 |
| 16 | 22·2 | 19·3 | 20·3 | 35·0 | 21·5 | 23·0 | 33·5 | 27·0 | 52 | 13 | 37 | 10·8 | 5·1 | 9·8 | 3 | 4 | 2 | Calm | 0 | S | 13 | S | 6 | 0·0 | 4·5 |
| 17 | 22 7 | 18·0 | 18·8 | 32·0 | 19·0 | 21·0 | 31·0 | 26·5 | 87 | 32 | 46 | 15·9 | 10·6 | 11·7 | 3 | 3 | 5 | Calm | 0 | N | 10 | ESE | 6 | 0·0 | 6 5 |
| 18 | 22·1 | 19·2 | 20·1 | 33·0 | 15·5 | 19·5 | 32·0 | 26·0 | 39 | 33 | 48 | 6·6 | 11·7 | 12·1 | 2 | 4 | 2 | Calm | 0 | SSW | 6 | Calm | 0 | 0·0 | 10·0 |
| 19 | 22·2 | 18·9 | 20·5 | 33·0 | 15·5 | 20·0 | 31·5 | 26·5 | 36 | 16 | 25 | 6·3 | 5·6 | 6·4 | 1 | 3 | 1 | Calm | 0 | E | 6 | E | 10 | 0·0 | 8·5 |
| 20 | 22·4 | 19·8 | 20·8 | 34·5 | 17·0 | 23·0 | 33·0 | 25·0 | 38 | 21 | 44 | 7·8 | 7 8 | 10·3 | 3 | 2 | 1 | Calm | 0 | ESE | 3 | Calm | 0 | 0 0 | 9·2 |
| 21 | 23·8 | 19·1 | 21·5 | 34·0 | 14·5 | 24·5 | 33·0 | 25·5 | 30 | 10 | 26 | 6·9 | 3·9 | 6·3 | 3 | 3 | 1 | Calm | 0 | NNE | 10 | Calm | 0 | 0·0 | 8·1 |
| 22 | 23·7 | 21·2 | 21·5 | 33·5 | 15·0 | 22·5 | 32·5 | 25·0 | 23 | 10 | 31 | 4·7 | 3·4 | 7·3 | 0 | 3 | 1 | E | 10 | N | 6 | Calm | 0 | 0·0 | 8·7 |
| 23 | 23·9 | 20 0 | 20·9 | 33·0 | 16·0 | 21·5 | 32·0 | 26·5 | 46 | 13 | 28 | 8·7 | 4·5 | 7·1 | 0 | 1 | 1 | ESE | 3 | NNE | 3 | Calm | 0 | 0·0 | 8·5 |
| 24 | 25·0 | 19·3 | 21·1 | 32·5 | 17·0 | 22·5 | 31·5 | 25·5 | 20 | 18 | 35 | 4·1 | 6·3 | 8·5 | 0 | 0 | 0 | Calm | 0 | NE | 6 | Calm | 0 | 0·0 | 8·5 |
| 25 | 24·3 | 19·8 | 20·9 | 35·0 | 15·5 | 23·5 | 34·0 | 27·5 | 29 | 16 | 35 | 6·1 | 6·4 | 9·5 | 0 | 2 | 0 | Calm | 0 | E | 6 | Calm | 0 | 0·0 | 10·5 |
| 26 | 23·7 | 18·9 | 2 ·2 | 36·5 | 18·5 | 24·5 | 35·0 | 29·0 | 57 | 17 | 34 | 13·0 | 7·4 | 10·2 | 0 | 0 | 0 | Calm | 0 | ESE | 6 | ESE | 3 | 0·0 | 8·5 |
| 27 | 22·0 | 18·0 | 19·3 | 39 0 | 16·5 | 28·0 | 37·0 | 32·0 | 17 | 16 | 24 | 4·8 | 7·8 | 8· | 0 | 4 | 0 | NNE | 13 | E | 10 | E | 13 | 0·0 | 8·2 |
| 28 | 20·2 | 17·3 | 18·9 | 35·0 | 20·0 | 27·0 | 33·5 | 28·0 | 40 | 26 | 42 | 10·6 | 9·9 | 11·6 | 3 | 5 | 0 | E | 6 | ESE | 10 | Calm | 0 | 0·0 | 12·5 |
| 29 | 20·3 | 18·2 | 18·9 | 37·5 | 21·0 | 26·0 | 35·5 | 28·0 | 42 | 25 | 51 | 10·5 | 10·4 | 14·2 | 3 | 4 | 0 | ESE | 6 | E | 10 | ESE | 6 | 0·0 | 11·5 |
| 30 | 21·0 | 18·5 | 19·6 | 37·0 | 20·5 | 26·0 | 36·0 | 20·0 | 52 | 25 | 62 | 12·9 | 11·0 | 15·4 | 7 | 6 | 2 | Calm | 0 | ESE | 10 | E | 3 | 0·0 | 7·0 |
| 31 | 21·5 | 18·7 | 20·0 | 37·0 | 22·0 | 24·0 | 35·5 | 32·0 | 72 | 20 | 26 | 15·8 | 8·7 | 9·2 | 6 | 7 | 0 | Calm | 0 | N | 13 | ESE | 10 | 0·0 | 9·5 |
| Month | 21·57 | 18·18 | 19·51 | 35·3 | 18·9 | 24·0 | 34·1 | 27·1 | 50 | 21 | 41 | 11·1 | 8·2 | 10·8 | 3·5 | 3·5 | 2·2 | — | 2·4 | — | 7·4 | — | 2·8 | 4·5 | 8·48 |

**Remarks:—**

# MONTHLY SUMMARIES.

## Summary of Meteorological Observations

φ = 38° 26′ N. λ = 17° 9′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 763·39 | 768·4 | 754·2 | — | — | — | 9·2 | 12·7 | 5·6 | 18·3 | 4 | 1·7 | 14, 15 | 80 | — | — | — |
| February ... ... ... ... ... | 61·36 | 69·6 | 52·1 | — | — | — | 8·4 | 12·3 | 4·4 | 19·4 | 8 | 0·0 | 2 | 72 | — | — | — |
| March ... ... ... ... ... ... | 64·00 | 70·1 | 52·2 | — | — | — | 13·2 | 18·9 | 7·6 | 25·0 | 25 | —2·2 | 4 | 74 | — | — | — |
| April ... ... ... ... ... ... | 58·02 | 63·0 | 49·4 | — | — | — | 16·6 | 21·3 | 12·0 | 29·4 | 30 | 6·1 | 1 | 80 | — | — | — |
| May ... ... ... ... ... ... | 57·31 | 61·9 | 46·6 | — | — | — | 18·9 | 23·8 | 14·0 | 28·3 | 21, 30 | 11·1 | 3, 17, 18 | 82 | — | — | — |
| June ... ... ... ... ... ... | 59·99 | 63·6 | 53·7 | — | — | — | 24·2 | 29·8 | 18·6 | 35·0 | 24 | 15·6 | Several dates | 71 | — | — | — |
| July ... ... ... ... ... ... | 56·76 | 60·1 | 52·2 | — | — | — | 26·3 | 31·8 | 20·8 | 37·8 | 10 | 16·7 | 1, 2 | 69 | — | — | — |
| August ... ... ... ... ... ... | 57·02 | 61·2 | 53·5 | — | — | — | 26·8 | 32·5 | 21·2 | 37·2 | 21 | 15·6 | 31 | 67 | — | — | — |
| September ... ... ... ... ... | — | — | — | — | — | — | — | — | — | 36·1 | 6 | 16·7 | 11 | — | — | — | — |
| October... ... ... ... ... ... | — | — | — | — | — | — | — | 26·2 | — | 34·4 | 8 | — | — | — | — | — | — |
| November ... ... ... ... ... | — | — | — | — | — | — | — | 18·9 | — | 24·4 | 14 | — | — | — | — | — | — |
| December ... ... ... ... ... | — | — | — | — | — | — | — | 12·8 | — | 17·2 | 11, 27 | — | — | — | — | — | — |
| Year ... ... ... | — | — | — | — | — | — | — | 22·0 | — | — | — | — | — | — | — | — | — |

## Summary of Meteorological Observations

φ = 35° 20′ N. λ = 25° 8′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 763·04 | 768·1 | 756·6 | 11·6 | — | 11·8 | 11·7 | — | 9·6 | — | — | 5·4 | 9 | 74 | — | 75 | 74 |
| February ... ... ... ... ... | 60·45 | 70·2 | 45·5 | 11·2 | — | 11·7 | 11·4 | — | 8·8 | 20·9 | 22 | 5·2 | 15 | 72 | — | 72 | 72 |
| March ... ... ... ... ... ... | 63·72 | 70·2 | 49·7 | 13·7 | — | 13·3 | 13·5 | 18·7 | 10·0 | 25·6 | 28 | 1·7 | 4 | 59 | — | 72 | 66 |
| April ... ... ... ... ... ... | 57·76 | 62·6 | 50·9 | 17·3 | — | 16·1 | 16·7 | 19·7 | 12·6 | 28·2 | 28 | 8·4 | 5 | 61 | — | 63 | 62 |
| May ... ... ... ... ... ... | 57·30 | 62·4 | 44·8 | 19·6 | — | 18·1 | 18·8 | 21·4 | 14·9 | 30·4 | 6 | 12·4 | 12 | 60 | — | 72 | 66 |
| June ... ... ... ... ... ... | 59·18 | 63·6 | 53·8 | 23·7 | — | 21·7 | 22·7 | 25·4 | 18·2 | 29·8 | 7 | 14·3 | 5 | 56 | — | 69 | 62 |
| July ... ... ... ... ... ... | 56·60 | 60·5 | 51·7 | 27·0 | — | 24·3 | 25·6 | 29·2 | 20·7 | 41·3 | 12 | 16·7 | 1, 4 | 47 | — | 68 | 58 |
| August ... ... ... ... ... ... | 56·98 | 61·2 | 53·0 | 26·4 | — | 24·7 | 25·6 | 28·3 | 21·5 | 33·8 | 23 | 18·0 | 30 | 58 | — | 66 | 62 |
| September ... ... ... ... ... | 59·41 | 62·0 | 56·7 | 25·9 | — | 23·9 | 24·9 | 27·7 | 21·0 | 35·0 | 15 | 15·0 | 26 | 54 | — | 63 | 58 |
| October... ... ... ... ... ... | 61·04 | 65·3 | 56·9 | 21·2 | — | 20·2 | 20·7 | 23·6 | 17·4 | 28·8 | 11 | 13·8 | 30 | 66 | — | 71 | 68 |
| November ... ... ... ... ... | 62·02 | 67·5 | 52·9 | 15·8 | — | 16·0 | 15·9 | — | 13·3 | 24·5 | 8 | 7·0 | 30 | 68 | — | 70 | 69 |
| December ... ... ... ... ... | 60·37 | 70·0 | 45·6 | 12·2 | — | 12·9 | 12·6 | — | 9·9 | — | — | 4·5 | 28 | 72 | — | 74 | 73 |
| Year ... ... ... | 759·82 | — | — | 18·8 | — | 17·9 | 18·3 | — | 14·8 | — | — | — | — | 62 | — | 70 | 66 |

## at SMYRNA for the year 1913.

H = 19·8 m. $h_t$ = 1·1 m. $h_r$ = 13·7 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| — | — | — | — | — | — | — | — | 87·2 | 24·9 | 23 | 12 | 9 | 2 | — | 19 | — | 10 | — | — | — | — |
| — | — | — | — | — | — | — | — | 8·9 | 6·4 | 4 | 6 | 2 | 1 | — | 16 | — | 9 | — | 2 | — | — |
| — | — | — | — | — | — | — | — | 26·4 | 13·2 | 30 | 4 | 2 | 6 | 5 | 2 | — | 12 | — | 6 | — | — |
| — | — | — | — | — | — | — | — | 24·6 | 6·1 | 21 | 9 | 6 | 3 | 2 | 3 | — | 11 | — | 11 | — | — |
| — | — | — | — | — | — | — | — | 47·2 | 12·7 | 5 | 11 | 10 | 4 | — | 4 | — | 11 | — | 12 | — | — |
| — | — | — | — | — | — | — | — | 6·4 | 5·1 | 11 | 2 | 2 | 3 | — | 7 | — | 7 | — | 13 | — | — |
| — | — | — | — | — | — | — | — | 15·7 | 13·5 | 19 | 4 | 2 | 3 | — | 1 | — | 4 | — | 23 | — | — |
| — | — | — | — | — | — | — | — | 116·3 | 42·7 | 31 | 8 | 7 | 14 | — | 5 | — | 4 | — | 8 | — | — |
| — | — | — | — | — | — | — | — | 30·5 | 15·2 | 24, 29 | 2 | 2 | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | 22·1 | 12·7 | 17 | 2 | 2 | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | 42·4 | 21·3 | 9 | 4 | 4 | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | 119·4 | 31·8 | 27 | 9 | 9 | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | 547·1 | — | 73 | 57 | — | — | — | — | — | — | — | — | — |

## at CANDIA for the year 1913.

H = 27·1 m. $h_t$ = 11·0 m. $h_r$ = 12·1 m. $C_h$ = + 2 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·5 | — | 7·7 | 7·6 | 6·4 | — | 4·7 | 5·6 | 92·0 | 15·2 | 8 | 15 | 15 | 9 | — | — | — | 5 | 8 | — | 2 | 38 |
| 7·1 | — | 7·3 | 7·2 | 7·2 | — | 5·5 | 6·4 | 68·6 | 38·0 | 13 | 11 | 10 | 14 | — | — | — | 4 | 7 | — | 4 | 27 |
| 6·9 | — | 8·1 | 7·5 | 5·6 | — | 3·7 | 4·6 | 45·1 | 32·0 | 2 | 5 | 4 | 20 | — | — | — | 5 | 2 | — | — | 35 |
| 8·9 | — | 8·6 | 8·8 | 5·1 | — | 3·0 | 4·0 | 28·6 | 12·5 | 20 | 5 | 3 | 1 | 1 | — | — | — | 8·5 | 0·5 | 4 | 45 |
| 10·2 | — | 11·1 | 10·6 | 3·9 | — | 1·6 | 2·8 | 12·0 | 10·6 | 24 | 2 | 2 | 1 | 1 | — | — | — | 5 | 1 | 10 | 44 |
| 12·0 | — | 13·2 | 12·6 | 0·6 | — | 0·7 | 0·6 | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | 12 | 48 |
| 12·6 | — | 15·3 | 14·0 | 0·2 | — | 0·3 | 0·2 | 0·0 | 0·0 | — | — | — | — | — | — | 1 | 1 | 3 | — | 12 | 45 |
| 14·8 | — | 15·2 | 15·0 | 3·2 | — | 0·2 | 1·7 | 1·0 | 1·0 | 24 | 1 | 1 | 1 | — | — | — | — | — | — | 26 | 35 |
| 13·3 | — | 13·8 | 13·6 | 4·1 | — | 0·8 | 2·4 | 11·2 | 6·2 | 29 | 2 | 2 | — | — | — | — | — | 2 | — | 20 | 38 |
| 12·3 | — | 12·5 | 12·4 | 5·0 | — | 2·8 | 3·9 | 123·9 | 40·8 | 23 | 9 | 8 | 3 | — | — | — | 1 | 3 | — | 11 | 44 |
| 9·2 | — | 9·5 | 9·4 | 5·9 | — | 4·1 | 5·0 | 66·2 | 18·7 | 20 | 8 | 8 | — | — | — | — | 3 | 11 | — | 22 | 24 |
| 7·6 | — | 8·1 | 7·8 | 6·4 | — | 4·9 | 5·6 | 91·0 | 16·0 | 12 | 13 | 12 | — | — | — | — | 7 | 21 | — | 17 | 17 |
| 10·2 | — | 10·9 | 10·5 | 4·5 | — | 2·7 | 3·6 | 539·6 | — | — | 71 | 65 | 49 | 2 | — | 1 | 26 | 70·5 | 1·5 | 140 | 440 |

## Summary of Meteorological Observations

φ = 31° 38′ N. λ = 25° 58′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 764·90 | 769·2 | 758·6 | 11·2 | 12·7 | — | — | 17·7 | — | 20·5 | 31 | — | — | 75 | 76 | — | — |
| February | 62·70 | 71·1 | 49·2 | 12·9 | 14·2 | — | — | 17·7 | — | 25·5 | 22 | — | — | 75 | 74 | — | — |
| March | 65·04 | 69·7 | 58·6 | 14·0 | 15·3 | — | — | 18·5 | — | 26·6 | 28 | — | — | 71 | 78 | — | — |
| April | 59·58 | 65·7 | 50·9 | 18·1 | 19·2 | — | — | 22·9 | — | 37·2 | 15 | — | — | 65 | 70 | — | — |
| May | 58·01 | 62·6 | 49·0 | 19·5 | 21·9 | — | 18·9 | 23·9 | 13·9 | 37·6 | 19 | 9·2 | 8 | 62 | 56 | — | — |
| June | 59·37 | 62·2 | 56·1 | 22·2 | 24·1 | — | 21·0 | 25·3 | 16·7 | 36·2 | 27 | 10·2 | 7 | 73 | 66 | — | — |
| July | 57·66 | 60·5 | 54·0 | 24·5 | 26·6 | — | 23·9 | 28·2 | 19·6 | 43·0 | 12 | 16·2 | 12, 25 | 70 | 58 | — | — |
| August | 57·14 | 61·2 | 54·0 | 25·1 | 27·2 | — | 24·0 | 28·1 | 19·9 | 30·6 | 1 | 15·7 | 1 | 71 | 62 | — | — |
| September | 59·05 | 61·1 | 56·5 | 24·7 | 27·3 | — | 23·6 | 28·2 | 18·9 | 35·9 | 28 | 14·0 | 25, 27 | 72 | 62 | — | — |
| October | 60·17 | 64·1 | 56·5 | 21·2 | 25·1 | — | 20·7 | 26·0 | 15·4 | 34·2 | 16 | 10·6 | 26 | 74 | 60 | — | — |
| November | 61·76 | 65·4 | 55·7 | 16·7 | 20·7 | — | 16·8 | 21·4 | 12·3 | 25·6 | 8 | 8·2 | 28 | 74 | 56 | — | — |
| December | 61·66 | 69·5 | 49·4 | 10·4 | 17·3 | — | 12·0 | 17·8 | 6·2 | 20·7 | 31 | 3·2 | 25 | 78 | 53 | — | — |
| Year | 760·59 | — | — | 18·4 | 21·0 | — | — | 23·0 | — | — | — | — | — | 72 | 64 | — | — |

## Summary of Meteorological Observations

φ = 31° 31′ N. λ = 35° 8′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 686·80 | 690·9 | 682·3 | 5·9 | — | 6·2 | 6·0 | 10·3 | 3·4 | 16·7 | 23 | —0·2 | 5 | 93 | — | 90 | 92 |
| February | 684·78 | 691·7 | 676·3 | 6·2 | — | 6·3 | 6·2 | 12·0 | 3·2 | 17·6 | 8 | —0·6 | 4, 9, 10 | 79 | — | 75 | 77 |
| March | 685·60 | 689·4 | 678·1 | 9·7 | — | 8·9 | 9·3 | 16·3 | 4·9 | 26·0 | 26 | —3·2 | 16 | 60 | — | 63 | 62 |
| April | 683·50 | 686·6 | 679·9 | 15·1 | — | 12·4 | 13·8 | 22·6 | 8·0 | 33·8 | 30 | 1·2 | 7 | 51 | — | 54 | 52 |
| May | 683·12 | 686·7 | 679·8 | 16·4 | — | 13·1 | 14·8 | 25·8 | 10·0 | 37·8 | 2 | 7·2 | 4, 6 | 58 | — | 64 | 61 |
| June | 683·84 | 686·7 | 681·7 | 19·0 | — | 16·0 | 17·5 | 28·7 | 11·2 | 34·6 | 23 | 3·9 | 29 | 49 | — | 53 | 51 |
| July | 683·30 | 685·3 | 680·1 | 19·6 | — | 16·6 | 18·1 | 29·9 | 14·3 | 40·3* | 18 | 8·9 | 5 | 61 | — | 69 | 65 |
| August | 682·76 | 687·3 | 680·3 | 21·0 | — | 18·7 | 19·8 | 31·1 | 15·1 | 37·2 | 21 | 10·0 | 30 | 60 | — | 68 | 64 |
| September | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| October | 686·26 | 688·0 | 684·8 | 18·9 | 26·8 | 18·1 | 21·3 | 27·8 | 12·3 | 35·0 | 11 | 8·1 | 31 | 49 | 27 | 64 | 56 |
| November | 686·78 | 689·2 | 682·8 | 11·9 | 18·9 | 12·2 | 14·3 | 18·8 | 7·7 | 25·7 | 19 | 2·4 | 14 | 80 | 52 | 80 | 80 |
| December | 687·31 | 695·4 | 681·4 | 7·2 | 11·6 | 7·3 | 8·7 | 12·1 | 3·6 | 22·1 | 31 | 0·4 | 25 | 80 | 76 | 80 | 80 |
| Year | 684·91 | — | — | 13·7 | — | 12·3 | 13·6 | 21·4 | 8·5 | — | — | — | — | 65 | — | 69 | 67 |

* Highest temperature recorded in 19 years.

## at SIDI BARRANI for the year 1913.

H = 27·3 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m. $C_h$ = + 2 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·5 | 8·3 | — | — | 4·0 | 0·7 | — | — | 31·5 | 22·5 | 17 | 4 | 4 | 1 | 2 | — | — | 3·5 | 21·5 | 19 | 14 | 1 |
| 8·3 | 8·9 | — | — | 5·9 | 1·0 | — | — | 23·7 | 14·7 | 9 | 4 | 4 | 3·5 | 10·5 | — | 1 | 3 | 18 | 14 | 6 | — |
| 8·5 | 10·0 | — | — | 3·0 | 0·2 | — | — | 14·0 | 6·0 | 5 | 3 | 3 | 5 | 9 | 13·5 | 5 | 7 | 8 | 8 | 5·5 | 1 |
| 10·1 | 11·6 | — | — | 2·9 | 1·8 | — | — | 3·0 | 3·0 | 20 | 1 | 1 | 7 | 6·5 | 6·5 | 2 | 6 | 5 | 5 | 15 | 2 |
| 10·5 | 11·0 | — | — | 4·1 | 2·5 | — | — | 0·0 | 0·0 | — | — | — | 18 | 7 | 3 | 3 | 2 | 4 | 6·5 | 16·5 | 2 |
| 14·5 | 14·7 | — | — | 2·2 | 0·5 | — | — | 0·0 | 0·0 | — | — | — | 19·5 | 9·5 | 2 | — | — | — | 8 | 17 | 4 |
| 16·0 | 14·9 | — | — | 2·6 | 1·0 | — | — | 0·0 | 0·0 | — | — | — | 20·5 | — | — | — | — | 1 | 4 | 35·5 | 1 |
| 16·9 | 16·6 | — | — | 2·8 | 0·7 | — | — | Drops | Drops | 25 | — | — | 27·5 | 1·5 | — | — | — | 1 | 7·5 | 24·5 | — |
| 16·6 | 16·6 | — | — | 2·1 | 1·1 | — | — | Drops | Drops | 25, 30 | — | — | 22·5 | 7 | 1·5 | — | 1 | 3 | 4 | 13 | 8 |
| 13·9 | 14·1 | — | — | 3·4 | 2·3 | — | — | 163·8 | 76·0 | 27 | 9 | 8 | 10·5 | 15 | 2 | — | 4 | 5·5 | 8 | 13 | 4 |
| 10·5 | 10·2 | — | — | 4·5 | 4·5 | — | — | 50·8 | 17·0 | 21 | 8 | 6 | 14·5 | 10·5 | — | — | 1 | 6 | 11 | 15 | 2 |
| 7·4 | 7·8 | — | — | 5·0 | 4·3 | — | — | 48·0 | 9·0 | 21 | 10 | 9 | 2·5 | 1 | 1·5 | 2 | 1 | 19 | 17·5 | 14·5 | 3 |
| 11·7 | 12·1 | — | — | 3·5 | 1·7 | — | — | 334·8 | — | — | 39 | 35 | 152 | 79·5 | 30 | 13 | 28·5 | 92 | 112·5 | 189·5 | 28 |

## at HEBRON for the year 1913.

H = 883·9 m. $h_t$ = 1·5 m. $h_r$ = 0·5 m. $C_h$ = + 75 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·4 | — | 6·4 | 6·4 | — | — | — | — | 166·6 | 49·3 | 2 | 11 | 11 | 3 | — | 6 | 9 | 1 | 1 | 23 | 19 | — |
| 5·6 | — | 5·3 | 5·4 | — | — | — | — | 117·6 | 51·8 | 19 | 7 | 7 | 4 | — | 2 | 6·5 | 3·5 | 2 | 24 | 14 | — |
| 5·4 | — | 5·4 | 5·4 | — | — | — | — | 39·6 | 19·3 | 5 | 3 | 3 | 3·5 | 6 | 4 | 15 | 5 | 3 | 16 | 9·5 | — |
| 6·4 | — | 5·8 | 6·1 | — | — | — | — | 41·1 | 16·8 | 1 | 4 | 4 | 1 | 1 | 1 | 15 | 4 | 1 | 27 | 10 | — |
| 8·0 | — | 7·2 | 7·6 | — | — | — | — | 14·2 | 14·2 | 17 | 1 | 1 | 3 | 1 | 3 | 1 | 7 | 3 | 19 | 25 | — |
| 7·9 | — | 7·1 | 7·5 | — | — | — | — | 0·0 | 0·0 | — | — | — | 9·5 | 5·5 | 4 | 1 | — | 6 | 13 | 21 | — |
| 10·5 | — | 9·8 | 10·2 | — | — | — | — | 0·0 | 0·0 | — | — | — | 7 | — | 4 | 1 | — | 1 | 21 | 28 | — |
| 11·0 | — | 10·9 | 11·0 | — | — | — | — | 0·0 | 0·0 | — | — | — | 6 | 4 | — | — | — | 1 | 14 | 35 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8·0 | 6·9 | 10·0 | 8·3 | 3·2 | — | 2·8 | 3·0 | 2·8 | 2·8 | 30 | 1 | 1 | 6 | 6 | 6 | 6 | 2 | 1 | 12 | 19 | — |
| 8·3 | 8·5 | 8·4 | 8·4 | 5·5 | — | 5·0 | 5·2 | 48·4 | 14·6 | 30 | 7 | 7 | 4 | 2 | 4 | 6 | 2 | 3 | 20 | 16 | — |
| 6·1 | 7·7 | 6·1 | 6·6 | 2·8 | — | 3·2 | 3·0 | 54·6 | 17·0 | 3 | 7 | 7 | — | — | 6 | 9 | 1 | 6 | 22·5 | 12·5 | 4 |
| 7·6 | — | 7·5 | 7·5 | — | — | — | — | 484·9 | — | — | 41 | 41 | 47 | 25·5 | 40 | 69·5 | 25·5 | 28 | 211·5 | 209 | 4 |

## Summary of Meteorological Observations

φ = 31° 12′ N. λ = 29° 53′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913.** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 762·64 | 766·7 | 756·1 | 13·0 | 17·4 | 14·6 | 14·0 | 18·8 | 11·2 | 20·7 | 26, 31 | 8·5 | 11 | 76 | 58 | 69 | 72 |
| February ... ... ... ... ... | 60·12 | 68·7 | 49·7 | 12·5 | 16·8 | 14·2 | 13·6 | 18·4 | 10·8 | 26·7 | 23 | 6·5 | 16 | 74 | 59 | 70 | 72 |
| March ... ... ... ... ... ... | 61·48 | 67·0 | 52·0 | 14·6 | 17·6 | 14·7 | 14·9 | 19·5 | 12·6 | 27·2 | 2, 29 | 6·5 | 4 | 72 | 60 | 72 | 72 |
| April ... ... ... ... ... ... | 57·42 | 60·9 | 50·9 | 17·8 | 21·1 | 17·9 | 18·0 | 23·7 | 15·3 | 34·5 | 15 | 13·0 | 3 | 72 | 62 | 73 | 72 |
| May ... ... ... ... ... ... | 56·89 | 61·1 | 49·7 | 19·8 | 22·8 | 19·6 | 19·8 | 25·9 | 17·2 | 34·3 | 6 | 15·1 | 4 | 73 | 61 | 73 | 73 |
| June ... ... ... ... ... ... | 57·82 | 60·6 | 55·5 | 22·5 | 24·7 | 21·5 | 22·1 | 26·6 | 19·7 | 33·4 | 28 | 18·0 | 2 | 75 | 68 | 81 | 78 |
| July ... ... ... ... ... ... | 56·26 | 59·0 | 52·9 | 24·8 | 27·2 | 24·0 | 24·6 | 29·3 | 22·2 | 38·7 | 18 | 20·0 | 2 | 72 | 64 | 77 | 74 |
| August ... ... ... ... ... ... | 55·93 | 60·5 | 52·2 | 25·3 | 27·9 | 24·5 | 25·2 | 30·0 | 22·9 | 32·4 | 2 | 21·0 | 4 | 73 | 66 | 78 | 76 |
| September ... ... ... ... ... | 57·78 | 60·7 | 54·3 | 25·1 | 28·0 | 24·8 | 25·2 | 30·0 | 22·9 | 31·9 | 15, 19 | 19·0 | 29 | 73 | 62 | 75 | 74 |
| October... ... ... ... ... ... | 59·14 | 62·4 | 56·7 | 23·0 | 26·0 | 22·9 | 23·0 | 28·0 | 20·3 | 33·0 | 17 | 16·1 | 25 | 72 | 61 | 72 | 72 |
| November ... ... ... ... ... | 60·83 | 64·4 | 55·6 | 18·2 | 21·5 | 19·2 | 18·8 | 23·5 | 16·1 | 29·8 | 1 | 12·2 | 29 | 71 | 58 | 65 | 68 |
| December ... ... ... ... ... | 61·75 | 70·5 | 52·9 | 13·0 | 17·2 | 14·6 | 13·9 | 18·6 | 10·7 | 21·5 | 2 | 7·2 | 11 | 73 | 60 | 68 | 70 |
| Year ... ... ... | 759·00 | — | — | 19·1 | 22·4 | 19·4 | 19·4 | 24·4 | 16·8 | — | — | — | — | 73 | 62 | 73 | 73 |

## Summary of Meteorological Observations

φ = 31° 15′ N. λ = 29° 59′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913.** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 764·52 | 771·8 | 757·4 | 12·8 | 16·5 | — | 14·0 | 17·6 | 10·5 | 19·6 | 5 | 6·6 | 11 | 76 | 62 | — | — |
| February ... ... ... ... ... | 62·64 | 70·9 | 51·3 | 12·8 | 16·8 | — | 14·0 | 17·7 | 10·2 | 26·6 | 23 | 6·6 | 16 | 70 | 55 | — | — |
| March ... ... ... ... ... ... | 63·16 | 68·8 | 53·4 | 15·2 | 17·6 | — | 15·4 | 18·6 | 12·2 | 27·5 | 2 | 7·6 | 2, 4 | 69 | 57 | — | — |
| April ... ... ... ... ... ... | 59·18 | 63·7 | 54·3 | 18·1 | 20·6 | — | 18·4 | 22·4 | 14·5 | 35·0 | 15 | 10·4 | 7 | 69 | 58 | — | — |
| May ... ... ... ... ... ... | 58·54 | 62·6 | 52·3 | 19·9 | 22·4 | — | 20·0 | 23·7 | 16·3 | 34·8 | 6 | 13·5 | 5 | 73 | 63 | — | — |
| June ... ... ... ... ... ... | 59·60 | 62·2 | 56·9 | 22·6 | 24·3 | — | 22·6 | 25·1 | 20·1 | 32·6 | 28 | 18·5 | 15 | 77 | 70 | — | — |
| July ... ... ... ... ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| August ... ... ... ... ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| September ... ... ... ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| October... ... ... ... ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| November ... ... ... ... ... | 62·50 | 65·9 | 57·5 | 18·3 | 21·4 | — | 19·0 | 22·2 | 15·8 | 24·6 | 3 | 13·0 | 23, 29 | 77 | 60 | — | — |
| December ... ... ... ... ... | *63·38* | 72·7 | 54·3 | 13·6 | *17·2* | — | 14·2 | 17·9 | 10·5 | 21·3 | 30 | 5·1 | 27 | 72 | *59* | — | — |
| Year ... ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## at ALEXANDRIA (Kôm el Nadûra) for the year 1913.

H = 32·0 m. $h_t$ = 1·7 m. $h_r$ = 2·0 m. $C_h$ = + 3 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 8·4 | 8·7 | 8·5 | 8·5 | 5·9 | 5·7 | 4·5 | 5·4 | 11·9 | 5·0 | 13 | 7 | 5 | 8 | 8·5 | — | 2 | 4 | 10 | 26·5 | 10 | 24 |
| 8·0 | 8·3 | 8·5 | 8·3 | 6·4 | 6·0 | 4·1 | 5·5 | 36·4 | 9·0 | 13 | 7 | 6 | 4 | 7 | 4 | 2·5 | 8·5 | 13·5 | 10 | 13·5 | 21 |
| 9·0 | 9·0 | 9·1 | 9·0 | 4·0 | 3·9 | 3·3 | 3·7 | 21·2 | 8·5 | 5 | 4 | 4 | 16 | 29 | 3 | 2 | 3 | 2 | 11·5 | 18·5 | 8 |
| 10·9 | 11·2 | 11·0 | 11·0 | 5·3 | 4·2 | 3·1 | 4·2 | Drops | Drops | 19, 20 | — | — | 9 | 18 | 8·5 | 7 | 3·5 | — | 13 | 26 | 5 |
| 12·6 | 12·2 | 12·2 | 12·3 | 5·5 | 3·8 | 2·8 | 4·0 | Drops | Drops | 21, 23 | — | — | 16·5 | 8·5 | 4 | 4 | 5 | 3 | 24·5 | 25·5 | 2 |
| 15·3 | 15·6 | 15·5 | 15·5 | 1·7 | 0·6 | 1·3 | 1·2 | 0·0 | 0·0 | — | — | — | 23·5 | 7 | — | — | 0·5 | 0·5 | 16·5 | 42 | — |
| 16·7 | 17·2 | 17·0 | 17·0 | 3·0 | 1·6 | 1·5 | 2·0 | Drops | Drops | 27 | — | — | 16·5 | 2 | — | — | 1 | 1 | 18 | 52·5 | 2 |
| 17·4 | 18·3 | 17·9 | 17·9 | 3·4 | 1·8 | 2·6 | 2·6 | 0·0 | 0·0 | — | — | — | 10 | 8 | — | — | 1 | 1 | 21·5 | 48·5 | 3 |
| 17·2 | 17·3 | 17·4 | 17·3 | 2·2 | 1·5 | 1·5 | 1·7 | Drops | Drops | 30 | — | — | 30 | 7 | — | — | 4 | 1 | 11·5 | 30·5 | 6 |
| 15·1 | 15·2 | 15·0 | 15·1 | 3·8 | 3·0 | 1·8 | 2·9 | 13·5 | 7·0 | 25 | 3 | 3 | 15·5 | 14·5 | 1 | 2 | 3·5 | 3·5 | 15 | 25 | 13 |
| 11·0 | 11·2 | 10·8 | 11·0 | 6·2 | 6·4 | 5·3 | 6·0 | 79·0 | 33·0 | 22 | 13 | 11 | 8 | 7 | 1 | — | 1·5 | 14·5 | 21 | 23 | 14 |
| 8·2 | 8·7 | 8·4 | 8·4 | 6·8 | 6·0 | 5·5 | 6·1 | 98·3 | 40·3 | 7 | 13 | 8 | 5 | 3·5 | 1 | 5 | 12·5 | 20 | 15·5 | 16·5 | 14 |
| 12·5 | 12·7 | 12·6 | 12·6 | 4·5 | 3·7 | 3·1 | 3·8 | 260·3 | — | — | 47 | 37 | 162 | 120 | 22·5 | 24·5 | 48 | 70 | 204·5 | 331·5 | 112 |

## at ALEXANDRIA (Victoria College) for the year 1913.

H = 5·0 m. $h_t$ = 1·6 m. $h_r$ = 1·0 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 8·3 | 8·6 | — | — | 3·6 | 4·0 | — | — | 6·3 | 2·6 | 9 | 6 | 2 | 7 | 0·5 | 3 | 4 | 6·5 | 10 | 9·5 | 21·5 | — |
| 7·7 | 7·8 | — | — | 4·7 | 4·1 | — | — | 43·5 | 15·7 | 17 | 8 | 6 | 1 | 3·5 | 1·5 | 3 | 7·5 | 12 | 2·5 | 19 | 3 |
| 8·9 | 8·5 | — | — | 2·3 | 3·4 | — | — | 11·6 | 5·1 | 5 | 4 | 4 | 11·5 | 13·5 | 4·5 | 2 | 2·5 | 3 | 3·5 | 21·5 | — |
| 10·7 | 10·6 | — | — | 4·1 | 3·2 | — | — | 0·0 | 0·0 | — | — | — | 7·5 | 5 | 5·5 | 5·5 | 4 | — | 1·5 | 30 | — |
| 12·5 | 12·5 | — | — | 2·3 | 2·8 | — | — | 0·0 | 0·0 | — | — | — | 5 | — | — | 5 | — | 3 | 4 | 44 | — |
| 15·8 | 15·8 | — | — | 0·6 | 0·0 | — | — | 0·0 | 0·0 | — | — | — | 6 | 3 | — | — | — | 0·5 | 4·5 | 45 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11·9 | 11·3 | — | — | 4·5 | 4·2 | — | — | 68·9 | 26·0 | 22 | 11 | 9 | 8 | — | 1 | 1 | 8 | 10·5 | 4·5 | 23 | 2 |
| 8·3 | 8·6 | — | — | 5·3 | 4·1 | — | — | 62·5 | 19·5 | 21 | 13 | 9 | 5 | 0·5 | 4·5 | 2·5 | 9·5 | 19 | 4·5 | 10·5 | 3 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## Summary of Meteorological Observations

φ = 31° 16′ N. λ = 32° 19′ E. of Greenwich.

| Month | Standard 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 | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 765·04 | 769·2 | 759·9 | 13·1 | — | 14·9 | 14·0 | 18·7 | 10·7 | 20·5 | 16, 30 | 8·6 | 4 | 80 | — | 77 | 78 |
| February ... ... ... ... ... | 62 84 | 70·1 | 52·6 | 13·1 | — | 14·9 | 14·0 | 18·6 | 11·0 | 27·2 | 23 | 7·0 | 16 | 76 | — | 70 | 73 |
| March ... ... ... ... ... ... | 63·38 | 69·3 | 56·2 | 15·4 | — | 16·1 | 15·8 | 20·3 | 12·6 | 29·0 | 2 | 6·5 | 4 | 71 | — | 69 | 70 |
| April ... ... ... ... ... ... | 59·70 | 63·2 | 53·7 | 19·1 | — | 18·8 | 19·0 | 23·3 | 15·9 | 32·5 | 11 | 13·0 | 28 | 74 | — | 74 | 74 |
| May ... ... ... ... ... ... | 59·18 | 62·6 | 53·2 | 21·8 | — | 20·6 | 21·2 | 25·4 | 17·9 | 29·9 | 12 | 15·0 | 8 | 75 | — | 79 | 77 |
| June ... ... ... ... ... ... | 59·58 | 62·4 | 57·1 | 24·1 | — | 23·2 | 23·6 | 27·4 | 20·7 | 32·0 | 28 | 18·2 | 1 | 74 | — | 81 | 78 |
| July ... ... ... ... ... ... | 57·84 | 60·8 | 54·3 | 25·4 | — | 25·1 | 25·2 | 29·5 | 22·3 | 32·2 | 18 | 20·5 | 26 | 71 | — | 74 | 72 |
| August ... ... ... ... ... ... | 57·48 | 61·4 | 54·3 | 26·1 | — | 25·9 | 26·0 | 30·6 | 22·4 | 36·5 | 2 | 21·2 | 2 | 74 | — | 75 | 74 |
| September ... ... ... ... ... | 59·35 | 63·4 | 55·8 | 25·7 | — | 25·7 | 25·7 | 30·3 | 22·2 | 34·0 | 15 | 20·0 | 24, 26 | 75 | — | 74 | 74 |
| October ... ... ... ... ... | 61·01 | 63·8 | 58·0 | 23·4 | — | 23·5 | 23·4 | 28·9 | 20·5 | 31·5 | 9 | 17·0 | 25 | 75 | — | 76 | 76 |
| November ... ... ... ... ... | 62·98 | 65·7 | 59·1 | 18·9 | — | 19·1 | 19·0 | 23·9 | 16·0 | 26·5 | 1 | 12·0 | 29 | 75 | — | 72 | 74 |
| December ... ... ... ... ... | 64·46 | 73·6 | 59·6 | 12·9 | — | 14·2 | 13·6 | 19·1 | 10·3 | 22·5 | 5 | 6·1 | 26 | 76 | — | 75 | 76 |
| Year ... ... ... | 761·07 | — | — | 19·9 | — | 20·2 | 20·0 | 24·7 | 16·9 | — | — | — | — | 75 | — | 75 | 75 |

## Summary of Meteorological Observations

φ = 31° 7′ N. λ = 33° 46′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 763·88 | 774·4 | 757·3 | 10·5 | 16·5 | 13·3 | 12·0 | 18·0 | 7·9 | 19·5 | 30, 31 | 5·0 | 22 | 84 | 65 | 76 | 80 |
| February ... ... ... ... ... | 61·93 | 70·1 | 51·0 | 11·2 | 17·4 | 13·7 | 12·5 | 19·1 | 7·7 | 29·0 | 23, 24 | 3·7 | 8 | 69 | 50 | 63 | 66 |
| March ... ... ... ... ... ... | 61·77 | 67·6 | 53·2 | 13·6 | 19·0 | 14·7 | 14·1 | 20·8 | 9·1 | 29·5 | 2 | 4·5 | 8, 9 | 65 | 49 | 67 | 66 |
| April ... ... ... ... ... ... | 58·33 | 62·9 | 51·5 | 18·3 | 21·8 | 18·3 | 17·6 | 24·3 | 12·0 | 34·5 | 8, 16 | 8·5 | 7, 8 | 66 | 59 | 73 | 70 |
| May ... ... ... ... ... ... | 57·42 | 60·9 | 52·7 | 21·3 | 23·3 | 20·1 | 18·8 | 26·4 | 10·6 | 35·5 | 7 | 7·5 | 10 | 67 | 67 | 79 | 73 |
| June ... ... ... ... ... ... | 57·69 | 60·5 | 56·0 | 24·0 | 25·7 | 23·0 | 21·9 | 27·3 | 14·9 | 31·5 | 28 | 12·5 | 1, 8 | 80 | 83 | 89 | 84 |
| July ... ... ... ... ... ... | 56·31 | 59·1 | 52·8 | 25·7 | 27·7 | 24·6 | 23·7 | 29·6 | 16·8 | 32·5 | 7 | 15·0 | 1, 2 | 82 | 84 | 95 | 88 |
| August ... ... ... ... ... ... | 56·45 | 59·8 | 53·4 | 26·2 | 28·3 | 25·6 | 24·3 | 30.3 | 17·0 | 34·5 | 2 | 15·5 | 1 | 82 | 81 | 89 | 86 |
| September ... ... ... ... ... | 57·90 | 61·5 | 54·1 | 26·5 | 28·2 | 25·6 | 24·4 | 30·2 | 17·3 | 32·0 | 3, 18 | 14·0 | 29 | 81 | 85 | 90 | 86 |
| October ... ... ... ... ... | 59·48 | 62·3 | 56·9 | 24·0 | 27·5 | 24·4 | 22·6 | 29·5 | 14·6 | 34·5 | 10 | 10·5 | 27 | 79 | 74 | 83 | 81 |
| November ... ... ... ... ... | 61·18 | 64·4 | 57·8 | 17·2 | 22·3 | 19·4 | 16·6 | 23·8 | 7·7 | 26·5 | 1, 15 | 4·5 | 15, 28, 29 | 74 | 64 | 68 | 71 |
| December ... ... ... ... ... | 62·81 | 72·2 | 55·6 | 12·3 | 18·0 | 13·6 | 11·9 | 19·5 | 3·6 | 24·5 | 2 | 0·0 | Several dates | 70 | 54 | 75 | 72 |
| Year ... ... ... | 759·60 | — | — | 19·2 | 23·0 | 19·7 | 18·4 | 24·9 | 11·6 | — | — | — | — | 75 | 68 | 79 | 77 |

## at PORT SAID for the year 1913.

H = 3·5 m. $h_t$ = 1·8 m. $h_r$ = 2·0 m. $C_h$ = + 0·3 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 8·9 | — | 9·7 | 9·3 | 4·2 | — | 2·7 | 3·4 | 5·3 | 4·0 | 17 | 3 | 2 | 7·5 | 7·5 | 2·5 | 1 | — | 1·5 | 20·5 | 2·5 | 10 |
| 8·5 | — | 8·8 | 8·6 | 3·4 | — | 2·1 | 2·8 | 23·0 | 13·0 | 13 | 3 | 3 | 7 | 6 | 8 | 2 | 3 | 5·5 | 17·5 | 3 | 4 |
| 9·3 | — | 9·4 | 9·4 | 2·9 | — | 1·2 | 2·0 | 7·0 | 7·0 | 12 | 1 | 1 | 12 | 8 | 11·5 | — | — | 1·5 | 14·5 | 8·5 | 6 |
| 12·1 | — | 12·0 | 12·0 | 5·1 | — | 2·9 | 4·0 | Drops | Drops | 20, 21 | — | — | 10 | 6·5 | 14 | — | 3 | 1 | 9·5 | 11 | 5 |
| 14·5 | — | 14·2 | 14·4 | 3·6 | — | 1·2 | 2·4 | 0·0 | 0·0 | — | — | — | 15·5 | 9·5 | 6 | 2·5 | — | 1·5 | 17·5 | 5·5 | 4 |
| 16·4 | — | 17·0 | 16·7 | 2·6 | — | 0·9 | 1·8 | 0·0 | 0·0 | — | — | — | 17·5 | 9 | 3 | — | 1 | 1 | 6 | 13·5 | 9 |
| 17·2 | — | 17·4 | 17·3 | 4·0 | — | 0·9 | 2·4 | 0·0 | 0·0 | — | — | — | 10·5 | 3 | — | — | — | 4 | 20 | 19·5 | 5 |
| 18·6 | — | 18·5 | 18·6 | 3·8 | — | 1·0 | 2·4 | 0·0 | 0·0 | — | — | — | 7·5 | 3 | — | 1 | — | 2·5 | 20·5 | 19·5 | 8 |
| 18·3 | — | 18·1 | 18·2 | 3·2 | — | 0·7 | 2·0 | 0·0 | 0·0 | — | — | — | 10 | 2·5 | — | 2 | — | 4 | 19 | 13·5 | 9 |
| 16·0 | — | 16·3 | 16·2 | 2·2 | — | 1·0 | 1·6 | 11·0 | 9·0 | 30 | 2 | 2 | 3 | 2 | 4 | 3 | 2 | 2 | 24 | 14 | 8 |
| 12·2 | — | 11·8 | 12·0 | 4·6 | — | 1·7 | 3·2 | 9·0 | 4·0 | 3 | 3 | 3 | 3 | 2 | — | 1 | 2 | 7·5 | 29·5 | 8 | 7 |
| 8·4 | — | 9·0 | 8·7 | 5·4 | — | 3·3 | 4·4 | 12·0 | 4·0 | 16, 21 | 4 | 4 | 1·5 | 1·5 | 2·5 | 2 | 4 | 19 | 13 | 6·5 | 12 |
| 13·4 | — | 13·5 | 13·4 | 3·8 | — | 1·6 | 2·7 | 67·3 | — | — | 16 | 15 | 105 | 60·5 | 51·5 | 14·5 | 15 | 51 | 211·5 | 125 | 96 |

## at EL 'ARISH for the year 1913.

H = 19·1 m. $h_t$ = 1·8 m. $h_r$ = 0·8 m. $C_h$ = + 2 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·9 | 9·0 | 8·6 | 8·5 | 2·8 | 3·1 | 2·0 | 2·6 | 16·1 | 7·7 | 17 | 5 | 4 | 5 | — | — | — | 14 | 19 | 37 | 11 | 7 |
| 6·9 | 7·3 | 7·4 | 7·2 | 2·0 | 3·6 | 2·8 | 2·8 | 11·4 | 6·0 | 13 | 5 | 5 | 7 | 5 | — | 1 | 6 | 17 | 25·5 | 16·5 | 6 |
| 7·6 | 8·1 | 8·3 | 8·0 | 1·1 | 1·9 | 1·4 | 1·5 | 1·3 | 0·7 | 13 | 2 | — | 24 | 1 | 2 | — | 4 | 12 | 25·5 | 13·5 | 11 |
| 10·4 | 11·5 | 11·4 | 11·1 | 2·8 | 2·9 | 3·4 | 3·0 | 0·0 | 0·0 | — | — | — | 26·5 | 9 | 5·5 | 2 | 10·5 | 11·5 | 7 | 11 | 7 |
| 12·6 | 14·2 | 13·8 | 13·5 | 4·2 | 2·7 | 2·6 | 3·2 | Drops | Drops | 16 | — | — | 40·5 | 11·5 | 2·5 | 2 | 6 | 6 | 4 | 20·5 | — |
| 17·7 | 20·4 | 18·5 | 18·9 | 3·0 | 0·6 | 1·4 | 1·7 | 0·0 | 0·0 | — | — | — | 43 | 2·5 | — | — | 1·5 | 8·5 | 3·5 | 31 | — |
| 20·2 | 23·3 | 21·8 | 21·8 | 2·4 | 0·6 | 1·6 | 1·5 | 0·0 | 0·0 | — | — | — | 40·5 | — | — | — | 3·5 | 13·5 | 5 | 30·5 | — |
| 20·6 | 23·1 | 21·6 | 21·8 | 2·6 | 1·3 | 1·4 | 1·8 | 0·0 | 0·0 | — | — | — | 52 | — | — | — | 4 | 9 | 3·5 | 24·5 | — |
| 20·8 | 24·0 | 21·8 | 22·2 | 2·3 | 1·6 | 0·9 | 1·6 | 0·0 | 0·0 | — | — | — | 46 | — | — | 1·5 | 3 | 10 | 3 | 26·5 | — |
| 17·4 | 20·2 | 18·7 | 18·8 | 2·3 | 2·2 | 1·6 | 2·0 | 0·0 | 0·0 | — | — | — | 42 | 0·5 | 0·5 | 1·5 | 9 | 11 | 2 | 26·5 | — |
| 10·8 | 12·7 | 11·5 | 11·7 | 3·3 | 3·1 | 2·9 | 3·1 | 37·5 | 13·0 | 24 | 4 | 4 | 27·5 | — | 0·5 | 0·5 | 6 | 11·5 | 6·5 | 37·5 | — |
| 7·4 | 8·3 | 8·7 | 8·1 | 3·5 | 3·4 | 2·9 | 3·3 | 35·0 | 11·0 | 4 | 5 | 5 | 3·5 | 0·5 | 0·5 | 2 | 15·5 | 24·5 | 24·5 | 22 | — |
| 13·4 | 15·2 | 14·3 | 14·3 | 2·7 | 2·2 | 2·1 | 2·3 | 101·3 | — | — | 21 | 18 | 357·5 | 30 | 11·5 | 10·5 | 83 | 153·5 | 147 | 271 | 31 |

## Summary of Meteorological Observations

φ = 31° 7′ N. λ = 30° 57′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | — | — | — | 8·8 | 17·6 | 11·0 | 9·9 | 18·7 | — | 21·2 | 31 | — | — | 88 | 63 | 87 | 88 |
| February ... ... ... ... ... | — | — | — | 9·8 | 17·5 | 10·7 | 10·7 | 18·8 | 4·8 | 27·7 | 23 | 1·6 | 2 | 86 | 63 | 85 | 86 |
| March ... ... ... ... ... ... | — | — | — | 12·8 | 20·4 | 12·0 | 12·9 | 21·4 | 6·5 | 30·2 | 25 | 4·1 | 9 | 85 | 52 | 86 | 86 |
| April ... ... ... ... ... ... | — | — | — | 17·6 | 25·7 | 17·2 | 17·8 | 26·8 | 10·7 | 36·5 | 15 | 7·2 | 6 | 76 | 46 | 81 | 78 |
| May ... ... ... ... ... ... | — | — | — | 20·9 | 28·0 | 19·0 | 20·2 | 29·0 | 12·8 | 34·8 | 6 | 9·8 | 19 | 67 | 44 | 74 | 70 |
| June ... ... ... ... ... ... | — | — | — | 24·0 | 30·9 | 21·3 | 22·8 | 31·9 | 15·1 | 37·7 | 28 | 13·0 | 1 | 65 | 48 | 75 | 70 |
| July ... ... ... ... ... ... | — | — | — | 25·6 | 31·4 | 24·8 | 24·7 | 32·5 | 17·0 | 40·2 | 13 | 14·9 | 26 | 71 | 54 | 72 | 72 |
| August ... ... ... ... ... ... | — | — | — | 25·4 | 31·9 | 23·4 | 24·7 | 33·2 | 18·2 | 36·4 | 22 | 16·0 | 1 | 80 | 58 | 85 | 82 |
| September ... ... ... ... ... | — | — | — | 24·4 | 31·9 | 21·8 | 23·8 | 33·0 | 17·3 | 37·5 | 14 | 14·5 | 29 | 79 | 54 | 87 | 83 |
| October... ... ... ... ... ... | — | — | — | 21·8 | 28·4 | 19·5 | 21·2 | 29·7 | 15·1 | 33·4 | 10 | 12·1 | 28 | 77 | 56 | 81 | 79 |
| November ... ... ... ... ... | — | — | — | 15·3 | 22·2 | 14·9 | 15·8 | 23·7 | 11·0 | 27·5 | 1 | 8·2 | 28 | 87 | 57 | 86 | 86 |
| December ... ... ... ... ... | — | — | — | 9·8 | 17·4 | 11·3 | 11·3 | 18·8 | 6·7 | 24·4 | 30 | 3·3 | 26 | 83 | 61 | 84 | 84 |
| Year ... ... ... | — | — | — | 18·0 | 25·3 | 17·2 | 18·0 | 26·5 | 12·3 | — | — | — | — | 79 | 55 | 82 | 80 |

## Summary of Meteorological Observations

φ = 30° 51′ N. λ = 31° 7′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 764·79 | 769·2 | 760·1 | 7·9 | 18·6 | 10·7 | 10·1 | 19·5 | 3·2 | 22·2 | 31 | 0·6 | 18 | 91 | 55 | 86 | 88 |
| February ... ... ... ... ... | 62·45 | 70·2 | 52·8 | 9·7 | 18·8 | 11·0 | 10·8 | 19·8 | 3·9 | 29·0 | 23 | 0·0 | 4, 16 | 84 | 51 | 79 | 82 |
| March ... ... ... ... ... ... | 63·04 | 68·7 | 54·3 | 13·5 | 21·7 | 13·0 | 13·8 | 22·8 | 7·0 | 31·0 | 28 | 2·5 | 15 | 77 | 42 | 76 | 76 |
| April ... ... ... ... ... ... | 59·20 | 63·1 | 53·0 | 18·4 | 27·2 | 17·7 | 18·7 | 28·2 | 11·4 | 35·8 | 15 | 6·0 | 6 | 71 | 34 | 65 | 68 |
| May ... ... ... ... ... ... | 58·40 | 62·9 | 53·1 | 21·4 | 29·3 | 20·0 | 21·0 | 30·6 | 13·1 | 36·0 | 21 | 10·6 | 8 | 66 | 34 | 68 | 67 |
| June ... ... ... ... ... ... | 59·03 | 62·1 | 56·5 | 23·8 | 32·1 | 23·0 | 23·4 | 33·3 | 14·5 | 38·5 | 28 | 12·0 | 1 | 69 | 32 | 62 | 66 |
| July ... ... ... ... ... ... | 57·66 | 60·6 | 54·2 | 25·4 | 33·1 | 24·6 | 25·0 | 34·1 | 16·7 | 41·8 | 18 | 14·0 | 4, 26 | 69 | 37 | 66 | 68 |
| August ... ... ... ... ... ... | 57·34 | 61·5 | 53·2 | 24·9 | 33·1 | 24·5 | 25·2 | 34·2 | 18·2 | 37·4 | 13 | 16·0 | 1, 7 | 78 | 44 | 73 | 76 |
| September ... ... ... ... ... | 59·17 | 62·9 | 55·1 | 23·8 | 32·4 | 23·2 | 24·1 | 33·5 | 16·9 | 38·0 | 15 | 14·5 | 29 | 83 | 41 | 78 | 80 |
| October ... ... ... ... ... | 60·78 | 63·9 | 57·8 | 21·1 | 28·9 | 20·1 | 21·3 | 30.2 | 15·0 | 34·1 | 9 | 11·0 | 27 | 85 | 48 | 85 | 85 |
| November ... ... ... ... ... | 62·73 | 65·7 | 58·1 | 15·2 | 23·3 | 15·2 | 16·0 | 24·6 | 10·3 | 27·5 | 1 | 5·3 | 15 | 88 | 54 | 83 | 86 |
| December ... ... ... ... ... | 64·07 | 73·0 | 56·3 | 9·3 | 18·0 | 11·4 | 11·2 | 19·2 | 6·2 | 23·3 | 30 | 0·2 | 26 | 87 | 57 | 80 | 84 |
| Year ... ... ... | 760·72 | — | — | 17·9 | 26·4 | 17·9 | 18·4 | 27·5 | 11·4 | — | — | — | — | 79 | 44 | 75 | 77 |

## at SAKHA for the year 1913.

H = 6·0 m. $h_t$ = 1·8 m. $h_r$ = 0·9 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·4 | 9·4 | 8·4 | 8·4 | 2·0 | 3·2 | 0·3 | 1·8 | 10·7 | 8·5 | 16 | 3 | 3 | 3 | — | — | — | — | — | 2 | 7 | 81 |
| 7·7 | 9·4 | 8·1 | 8·4 | 2·9 | 3·9 | 0·0 | 2·3 | 18·8 | 10·2 | 18 | 5 | 5 | 0·5 | 3·5 | 0·5 | — | — | 5 | 2 | 3·5 | 69 |
| 9·2 | 9·3 | 8·9 | 9·1 | 1·2 | 2·6 | 0·0 | 1·3 | 5·1 | 4·0 | 3 | 2 | 2 | 5 | 1 | — | 1 | 2 | 1 | — | 4 | 79 |
| 11·4 | 11·3 | 11·8 | 11·5 | 3·4 | 1·3 | 0·0 | 1·6 | 0·0 | 0·0 | — | — | — | 6 | 1 | — | — | — | — | — | 4 | 79 |
| 12·2 | 12·5 | 12·0 | 12·2 | 1·3 | 1·1 | 0·0 | 0·8 | 2·4 | 2·4 | 15 | 1 | 1 | 9·5 | — | — | 1 | — | 4 | — | 6·5 | 72 |
| 14·4 | 16·0 | 14·1 | 14·8 | 0·4 | 0·5 | 0·0 | 0·3 | 0·0 | 0·0 | — | — | — | 4 | 1 | — | — | — | — | — | 8 | 77 |
| 17·4 | 18·6 | 16·7 | 17 6 | 0·9 | 0·6 | 0·0 | 0·5 | 0·0 | 0·0 | — | — | — | 6 | — | — | — | — | — | — | 19 | 68 |
| 19·2 | 20·3 | 18·1 | 19·2 | 2·1 | 0·6 | 0·0 | 0·9 | 0·0 | 0·0 | — | — | — | 3 | — | — | — | — | — | 1 | 5 | 84 |
| 17·8 | 18·9 | 17·0 | 17·9 | 1·2 | 0·8 | 0·0 | 0·7 | 0·0 | 0·0 | — | — | — | 6 | — | 1 | — | — | — | 0·5 | 10·5 | 72 |
| 15·0 | 16·1 | 13·7 | 14·9 | 0·6 | 1·5 | 0·0 | 0·7 | 6·5 | 5·7 | 29 | 3 | 1 | 4·5 | 1 | 2 | — | — | — | — | 5·5 | 80 |
| 11·3 | 11·4 | 10·8 | 11·2 | 2·6 | 2·6 | 0·5 | 1·9 | 10·5 | 4·3 | 22 | 3 | 3 | 1 | — | — | — | — | — | — | 4 | 85 |
| 7·5 | 9·0 | 8·4 | 8·3 | 3·1 | 2·4 | 1·1 | 2·2 | 38·1 | 9·5 | 16 | 6 | 6 | — | 0·5 | 0·5 | — | — | — | — | 18 | 74 |
| 12·5 | 13·5 | 12·3 | 12·8 | 1·8 | 1·8 | 0·2 | 1·2 | 92·1 | — | — | 23 | 21 | 48.5 | 8 | 4 | 2 | 2 | 10 | 5·5 | 95 | 920 |

## at QORASHIA for the year 1913.

H = 7·6 m. $h_t$ = 1·0 m. $h_r$ = 1·0 m. $C_h$ = + 1 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·3 | 8·8 | 8·2 | 8·1 | 4·6 | 6·4 | 2·6 | 4·5 | 6·1 | 4·0 | 16 | 5 | 2 | 4 | 8 | 0·5 | 3 | 5 | 7 | 15·5 | 8 | 42 |
| 7·5 | 8·0 | 7·8 | 7·8 | 4·5 | 6·5 | 2·6 | 4·5 | 20·9 | 7·3 | 11 | 8 | 5 | 5·5 | 11 | 3 | 1·5 | 2·5 | 11 | 13·5 | 6 | 30 |
| 9·0 | 7·8 | 8·5 | 8·4 | 1·7 | 3·6 | 1·8 | 2·4 | 2·9 | 2·2 | 3 | 2 | 1 | 13 | 33·5 | 2·5 | 4 5 | — | 5 | 5·5 | 15 | 14 |
| 11·2 | 8·9 | 9·9 | 10·0 | 4·1 | 4·5 | 2·1 | 3·6 | 0·0 | 0·0 | — | — | — | 10·5 | 23·5 | 14 | 1·5 | 1 | 1·5 | 8·5 | 23·5 | 6 |
| 12·4 | 10·1 | 11·8 | 11·4 | 3·7 | 5·1 | 0·5 | 3·1 | 8·0 | 8·0 | 16 | 1 | 1 | 21 | 15 | 10 | 6·5 | 0·5 | 0·5 | 5·5 | 22 | 6 |
| 15·0 | 11·2 | 12·8 | 13·0 | 1·4 | 1·0 | 0·3 | 0·9 | 0·0 | 0·0 | — | — | — | 31 5 | 22·5 | 1 | 0·5 | 1·5 | 0·5 | 1 | 18·5 | 13 |
| 16·7 | 13·6 | 15·1 | 15·1 | 2·5 | 1·1 | 0·0 | 1·2 | 0·0 | 0·0 | — | — | — | 38·5 | 17 | 1 | 1 | — | 0·5 | 2·5 | 22·5 | 10 |
| 18·2 | 16·6 | 16·7 | 17·2 | 3·4 | 2·5 | 0·1 | 2·0 | 0·0 | 0·0 | — | — | — | 30·5 | 9·5 | — | — | 1·5 | 1 | 7 | 25·5 | 18 |
| 18·2 | 14·7 | 16·6 | 16·5 | 2·2 | 2·0 | 0·0 | 1·4 | 0·0 | 0·0 | — | — | — | 19·5 | 13·5 | 1 | 0·5 | 0·5 | — | 1 | 8 | 46 |
| 15·8 | 14·2 | 15·0 | 15·0 | 0·8 | 3·4 | 1·1 | 1·8 | 0·8 | 0·6 | 25 | 3 | — | 17 | 15·5 | 3·5 | 1 | 1 | 7 | 4·5 | 8·5 | 35 |
| 11·3 | 11·5 | 10·7 | 11·2 | 2·7 | 6·7 | 1·7 | 3·7 | 0·8 | 0·7 | 4 | 2 | — | 9·5 | 4 | — | — | 2 | 7 | 13·5 | 9 | 45 |
| 7·6 | 8·7 | 8·0 | 8·1 | 3·5 | 5·6 | 1·9 | 3·7 | 18·6 | 11·2 | 21 | 5 | 4 | 5·5 | 1 | 3 | 1·5 | 4·5 | 7·5 | 12·5 | 4·5 | 53 |
| 12·5 | 11·2 | 11·8 | 11·8 | 2·9 | 4·0 | 1·2 | 2·7 | 58·1 | — | — | 26 | 13 | 206 | 174 | 45·5 | 21·5 | 20 | 48·5 | 90·5 | 171 | 318 |

## Summary of Meteorological Observations

φ = 30° 35′ N. λ = 31° 30′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 764·27 | 768·8 | 757·6 | 7·6 | 17·7 | 11·3 | 10·4 | 18·7 | 5·0 | 20·7 | 14 | 1·4 | 3 | 86 | 55 | 82 | 84 |
| February | 61·84 | 69·5 | 52·4 | 9·2 | 18·4 | 11·5 | 11·2 | 19·5 | 5·5 | 29·1 | 23 | 1·1 | 4 | 81 | 48 | 75 | 78 |
| March | 62·38 | 68·2 | 54·2 | 12·6 | 21·3 | 12·9 | 13·4 | 22·5 | 6·8 | 30·0 | 25 | 2·0 | 15 | 80 | 41 | 75 | 78 |
| April | 58·56 | 62·7 | 52·2 | 18·1 | 25·9 | 17·7 | 18·2 | 27·4 | 11·1 | 36·1 | 15 | 7·1 | 6, 7 | 73 | 42 | 69 | 71 |
| May | 58·04 | 62·4 | 52·0 | 21·0 | *28·5* | 20·4 | 20·8 | 29·2 | 13·1 | 34·6 | 6 | 10·1 | 9 | 65 | *32* | 60 | 62 |
| June | 58·43 | 61·2 | 56·3 | 23·1 | 31·5 | 23·6 | 23·4 | 32·4 | 15·3 | 36·8 | 28 | 11·1 | 1 | 70 | 30 | 53 | 62 |
| July | 57·02 | 60·2 | 53·4 | 24·8 | 33·1 | 25·2 | 25·1 | 33·9 | 17·4 | 40·9 | 13 | 15·3 | 4, 26 | 69 | 32 | 55 | 62 |
| August | 56·83 | 61·2 | 52·9 | 24·5 | 32·4 | 25·5 | 25·3 | 33·4 | 18·8 | 37·9 | 2 | 16·8 | 5 | 75 | 41 | 63 | 69 |
| September | 58·68 | 62·2 | 54·7 | 23·0 | 31·7 | 23·1 | 23·8 | 32·2 | 17·5 | 36·9 | 15 | 15·4 | 29 | 82 | 39 | 73 | 78 |
| October | 60·30 | 63·2 | 57·1 | 20·7 | 28·8 | 20·3 | 21·4 | 29·6 | 15·6 | 33·5 | 10 | 12·8 | 25, 27 | 81 | 45 | 80 | 80 |
| November | 62·21 | 65·5 | 57·8 | 14·8 | *22·7* | 15·8 | 16·0 | 24·0 | 10·7 | 26·5 | 17 | 6·7 | 15 | 82 | *51* | 80 | 81 |
| December | *63·92* | 72·4 | 56·2 | 9·6 | *18·2* | *11·4* | *11·4* | 19·1 | 6·6 | 23·5 | 30 | 0·5 | 26 | 78 | *53* | *79* | *78* |
| Year | 760·21 | — | — | 17·4 | 25·8 | 18·2 | 18·4 | 26·8 | 12·0 | — | — | — | — | 77 | 42 | 70 | 74 |

## Summary of Meteorological Observations

φ = 30° 28′ N. λ = 31° 11′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | — | — | — | 9·2 | 17·6 | — | 12·8 | 18·4 | 7·2 | 20·8 | 31 | 4·3 | 18 | 86 | 58 | — | — |
| February | — | — | — | 10·2 | 18·9 | — | 13·6 | 19·7 | 7·6 | 28·7 | 23 | 3·7 | 16 | 82 | 48 | — | — |
| March | — | — | — | 13·1 | 21·9 | — | 15·8 | 22·8 | 8·8 | 30·9 | 27 | 5·4 | 16 | 78 | 38 | — | — |
| April | — | — | — | 18·4 | 26·9 | — | 20·4 | 27·8 | 13·0 | 36·3 | 15 | 9·1 | 6 | 72 | 37 | — | — |
| May | — | — | — | 21·7 | 29·0 | — | 22·6 | 30·1 | 15·0 | 34·4 | 6, 11 | 12·8 | 5 | 64 | 34 | — | — |
| June | — | — | — | 23·7 | 32·2 | — | 25·1 | 33·0 | 17·2 | 37·5 | 28 | 14·6 | 1 | 71 | 31 | — | — |
| July | — | — | — | 25·5 | 33·6 | — | 26·9 | 34·4 | 19·4 | 41·4 | 13 | 17·1 | 4 | 68 | 32 | — | — |
| August | — | — | — | 24·8 | 33·1 | — | 27·2 | 34·0 | 20·5 | 38·7 | 2 | 18·6 | 1 | 76 | 41 | — | — |
| September | — | — | — | 23·7 | 32·1 | — | 26·0 | 33·4 | 18·7 | 38·2 | 15 | 15·4 | 29 | 81 | 41 | — | — |
| October | — | — | — | 21·6 | 29·9 | — | 23·8 | 31·1 | 16·6 | 35·2 | 9 | 12·6 | 27 | 80 | 44 | — | — |
| November | — | — | — | 16·1 | 23·5 | — | 18·2 | 24·8 | 11·5 | 27·7 | 1 | 7·9 | 27 | 81 | 48 | — | — |
| December | — | — | — | 10·4 | 18·2 | — | 13·4 | 19·1 | 7·7 | 23·1 | 30 | 8·6 | 25 | 84 | 52 | — | — |
| Year | — | — | — | 18·2 | 26·4 | — | 20·5 | 27·4 | 13·6 | — | — | — | — | 77 | 42 | — | — |

## at ZAGAZIG for the year 1913.

H = 11·2 m. $h_t$ = 1·6 m. $h_r$ = 1·0 m. $C_h$ = + 1 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction: Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·7 | 8·2 | 8·1 | 7·7 | 3·6 | 4·5 | 2·0 | 3·4 | 4·0 | 3·4 | 17 | 2 | 1 | 8 | 8·5 | 3 | — | 12·5 | 25 | 8 | 16 | 12 |
| 7·1 | 7·5 | 7·6 | 7·4 | 2·8 | 4·6 | 2·2 | 3·2 | 7·5 | 6·5 | 13 | 2 | 2 | 9 | 9·5 | 3 | 5 | 7·5 | 19 | 4·5 | 11·5 | 15 |
| 8·6 | 7·7 | 8·3 | 8·2 | 1·7 | 3·2 | 0·9 | 1·9 | 2·7 | 1·1 | 12 | 3 | 2 | 27·5 | 12 | 3 | 3 | 1·5 | 9·5 | 8 | 23·5 | 5 |
| 11·2 | 10·2 | 10·5 | 10·6 | 3·5 | 4·0 | 2·3 | 3·3 | Drops | Drops | 20 | — | — | 20·5 | 23·5 | 6 | 1 | 3·5 | 7 | 4 | 17·5 | 3 |
| 12·0 | *9·4* | 10·7 | 10·7 | 3·4 | *3·5* | 1·4 | 2·8 | 18·2 | 18·2 | 16 | 1 | 1 | 22 | 14·5 | 4·5 | 3 | 2·5 | 11 | 3·5 | 22 | 7 |
| 14·6 | 10·5 | 11·4 | 12·2 | 1·5 | 1·0 | 0·0 | 0·8 | 0·0 | 0·0 | — | — | — | 34·5 | 7·5 | 0·5 | — | 0·5 | 0·5 | 4·5 | 33 | 8 |
| 16·0 | 11·9 | 13·0 | 13·6 | 1·6 | 0·5 | 0·0 | 0·7 | 0·0 | 0·0 | — | — | — | 29 | 3 | — | — | 1 | 5 | 2·5 | 48·5 | 4 |
| 17·0 | 14·7 | 15·2 | 15·6 | 1·8 | 1·0 | 0·0 | 0·9 | 0·0 | 0·0 | — | — | — | 34 | 7·5 | 0·5 | 0·5 | 3 | 4 | 3 | 34·5 | 6 |
| 17·1 | 13·5 | 15·3 | 15·3 | 3·2 | 0·8 | 0·0 | 1·3 | 0·0 | 0·0 | — | — | — | 30 | 6·5 | — | 2 | 1·5 | 0·5 | 1 | 31·5 | 17 |
| 14·7 | 13·0 | 14·1 | 13·9 | 1·8 | 2·3 | 0·2 | 1·4 | Drops | Drops | 24 | — | — | 23·5 | 5·5 | 0·5 | 2·5 | 7 | 7 | 1·5 | 15·5 | 29 |
| 10·2 | *10·4* | 10·7 | 10·4 | 2·7 | *5·0* | 2·0 | 3·2 | 0·6 | 0·6 | 23 | 1 | — | 11 | 2·5 | — | — | 6·5 | 18 | 7·5 | 11·5 | 29 |
| 6·9 | *8·1* | *8·0* | 7·7 | 5·2 | *4·4* | 2·2 | 3·9 | 13·7 | 6·0 | 16 | 5 | 3 | 6 | 4 | 4 | 5 | 24·5 | 12·5 | 3 | 3 | 26 |
| 11·8 | 10·4 | 11·1 | 11·1 | 2·7 | 2·9 | 1·1 | 2·2 | 46·7 | — | — | 14 | 9 | 255 | 104·5 | 25 | 22 | 71·5 | 119 | 51 | 268 | 161 |

## at BENHA for the year 1913.

H = 13·8 m. $h_t$ = 1·6 m. $h_r$ = 1·3 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction: Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·4 | 8·6 | — | — | 4·0 | 5·1 | — | — | Drops | Drops | 17 | — | — | 1·5 | 17 | 17·5 | 2·5 | 4 | 7·5 | 7 | 3 | 2 |
| 7·6 | 7·7 | — | — | 3·1 | 6·2 | — | — | 7·4 | 6·8 | 18 | 2 | 1 | 1 | 7 | 8 | 5 | 7·5 | 12 | 9·5 | 6 | — |
| 8·8 | 7·4 | — | — | 2·4 | 3·7 | — | — | 0·3 | 0·3 | 3 | 1 | — | 8·5 | 14 | 10·5 | 2·5 | 1 | 6 | 10·5 | 9 | — |
| 11·3 | 9·6 | — | — | 3·8 | 4·2 | — | — | Drops | Drops | 20 | — | — | 2 | 11·5 | 13 | 2 | 1·5 | 8·5 | 13 | 7·5 | 1 |
| 12·3 | 10·2 | — | — | 3·4 | 4·5 | — | — | 1·0 | 1·0 | 16 | 1 | 1 | 3 | 12 | 13 | 2·5 | 2·5 | 8·5 | 12·5 | 8 | — |
| 15·3 | 11·3 | — | — | 1·2 | 0·8 | — | — | 0·0 | 0·0 | — | — | — | 10 | 13 | 9·5 | 1·5 | — | 3 | 9·5 | 11·5 | 2 |
| 16·4 | 12·5 | — | — | 1·8 | 0·7 | — | — | 0·0 | 0·0 | — | — | — | 9·5 | 10 | 7·5 | 0·5 | — | 4·5 | 13·5 | 15·5 | 1 |
| 17·5 | 15·2 | — | — | 2·8 | 1·7 | — | — | 0·0 | 0·0 | — | — | — | 12·5 | 10 | 4·5 | 1·5 | 0·5 | 3·5 | 12·5 | 15 | 2 |
| 17·7 | 14·7 | — | — | 3·6 | 1·3 | — | — | 0·0 | 0·0 | — | — | — | *11·5* | *11·5* | *6* | *1* | *0·5* | *0·5* | *5·5* | *10·5* | — |
| 15·4 | 13·9 | — | — | 1·7 | 3·2 | — | — | 0·4 | 0·4 | 21 | 1 | — | 11 | 9·5 | 6 | 2 | 3 | 6·5 | 11 | 13 | — |
| 11·0 | 10·3 | — | — | 4·0 | 7·1 | — | — | 0·1 | 0·1 | 22 | 1 | — | 9 | 7·5 | 4·5 | 1·5 | 3·5 | 9·5 | 13 | 11·5 | — |
| 7·8 | 8·0 | — | — | 5·7 | 6·0 | — | — | Drops | Drops | 22 | — | — | 3·5 | 7 | 7·5 | 5 | 3·5 | 14·5 | 15 | 6 | — |
| 12·4 | 10·8 | — | — | 3·2 | 3·7 | — | — | 9·2 | — | — | 6 | 2 | 83 | 130 | 107·5 | 27·5 | 27·5 | 84·5 | 132·5 | 116·5 | 8 |

## Summary of Meteorological Observations

$\varphi = 30° 13'$ N. $\lambda = 31° 21'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| February | — | — | — | 11·7 | — | — | — | 19·6 | — | 29·5 | 23 | — | — | 67 | — | — | — |
| March | — | — | — | 13·2 | — | — | — | 22·8 | — | 30·5 | 26 | — | — | 75 | — | — | — |
| April | — | — | — | *19·8* | — | — | — | *28·8* | — | 39·0 | 15 | — | — | *57* | — | — | — |
| May | — | — | — | 21·6 | — | — | — | 31·0 | — | 36·0 | 22 | — | — | 62 | — | — | — |
| June | — | — | — | 23·3 | — | — | — | 33·3 | — | 37·0 | 28 | — | — | 70 | — | — | — |
| July | — | — | — | 25·2 | — | — | — | 34·8 | — | 42·0 | 18 | — | — | 69 | — | — | — |
| August | — | — | — | 25·3 | — | — | — | *34·6* | — | 39·5 | 2 | — | — | 76 | — | — | — |
| September | — | — | — | *23·7* | — | — | — | *33·3* | — | 37·5 | 16 | — | — | *81* | — | — | — |
| October | — | — | — | 22·3 | — | — | — | 30·3 | — | 35·1 | 9 | — | — | 74 | — | — | — |
| November | — | — | — | 16·4 | — | — | — | 23·9 | — | 27·1 | 3 | — | — | 71 | — | — | — |
| December | — | — | — | 11·5 | — | — | — | 19·9 | — | 25·5 | 15 | — | — | 71 | — | — | — |
| Year | — | — | — | 19·5 | — | — | — | 28·4 | — | — | — | — | — | 70 | — | — | — |

## Summary of Meteorological Observations

$\varphi = 30° 6'$ N. $\lambda = 31° 19'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | — | — | — | 10·6 | 18·2 | 13·3 | 12·5 | 18·8 | 7·8 | 21·2 | 31 | 4·9 | 3 | 80 | 58 | 75 | 78 |
| February | — | — | — | 10·5 | 18·8 | 14·6 | 13·0 | 20·0 | 8·0 | 29·2 | 23 | 2·7 | 8 | 76 | 45 | 63 | 70 |
| March | — | — | — | 12·4 | 21·8 | 16·1 | 14·8 | 22·8 | 8·8 | 30·9 | 25 | 5·0 | 16 | 80 | 40 | 62 | 71 |
| April | — | — | — | 18·6 | 27·6 | 21·5 | 20·4 | 28·7 | 13·8 | 38·0 | 15 | 9·5 | 6 | 69 | 35 | 53 | 61 |
| May | — | — | — | 21·9 | 28·7 | 23·7 | 22 8 | 30·4 | 16·8 | 35·9 | 6 | 13·0 | 9 | 63 | 34 | 49 | 56 |
| June | — | — | — | 23·0 | 32·0 | 27·0 | 25·0 | 33·3 | 18·1 | 37·6 | 28 | 15·6 | 1 | 75 | 33 | 45 | 60 |
| July | — | — | — | 24·8 | 33·5 | 28·3 | 26·6 | 34·7 | 19·9 | 42·6 | 18 | 17·6 | 2, 26 | 72 | 34 | 48 | 60 |
| August | — | — | — | 25·0 | 33·2 | 28·6 | 26·9 | 34·4 | 20·9 | 39·8 | 2 | 18·5 | 1 | 76 | 40 | 56 | 66 |
| September | — | — | — | 23·6 | 31·7 | 26·8 | 25·5 | 32·9 | 20·0 | 36·6 | 15 | 17·5 | 26 | 81 | 42 | 59 | 70 |
| October | — | — | — | 21·4 | 29·2 | 23·4 | 23·0 | 30 0 | 17·9 | 35·0 | 17 | 14·8 | 28, 29 | 78 | 44 | 67 | 72 |
| November | — | — | — | 15·6 | 23·2 | 18·0 | 17·3 | 24·2 | 12·4 | 27·7 | 2 | 9·0 | 15 | 80 | 51 | 70 | 75 |
| December | — | — | — | 11·5 | 18·3 | 14·1 | 13·2 | 19·2 | 9·0 | 24·4 | 30 | 4·0 | 25, 26 | 71 | 50 | 66 | 68 |
| Year | — | — | — | 18·2 | 26·4 | 21·3 | 20·1 | 27·4 | 14·4 | — | — | — | — | 75 | 42 | 59 | 67 |

## at KHANKA for the year 1913.

H = 30·8 m. $h_t$ = 1·7 m. $h_r$ = 1·9 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6·8 | — | — | — | 2·0 | — | — | — | 6·5 | 3·4 | 14 | 3 | 3 | — | — | — | — | — | — | 4 | — | 24 |
| 8·5 | — | — | — | 1·0 | — | — | — | 1·7 | 1·0 | 4 | 2 | 1 | 1 | 1 | 1 | — | — | — | 3 | — | 24 |
| *9·8* | — | — | — | *0·4* | — | — | — | 0·0 | 0·0 | — | — | — | *3* | *1* | — | — | — | *1* | — | — | *22* |
| 11·8 | — | — | — | 0·0 | — | — | — | 14·3 | 14·3 | 17 | 1 | 1 | 2 | — | 1 | 1 | — | — | — | — | 27 |
| 14·9 | — | — | — | 0·0 | — | — | — | 0·0 | 0·0 | — | — | — | 22·5 | 3·5 | — | — | — | — | — | 1 | 2 |
| 16·4 | — | — | — | 0·0 | — | — | — | 0·0 | 0·0 | — | — | — | 26·5 | — | 1 | — | — | — | — | 2·5 | 1 |
| 18·2 | — | — | — | 0·0 | — | — | — | 0·0 | 0·0 | — | — | — | 22 | — | — | 1 | — | 1 | — | 3 | 2 |
| *17·7* | — | — | — | *0·4* | — | — | — | 0·0 | 0·0 | — | — | — | *15* | — | — | *1* | *1* | *1* | — | — | *5* |
| 14·8 | — | — | — | 0·4 | — | — | — | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | — | — |
| 9·9 | — | — | — | — | — | — | — | 0·1 | 0·1 | 23 | — | — | *5* | *1* | *1* | *2* | *1* | *1* | *1* | *1* | *10* |
| 7·2 | — | — | — | 4·2 | — | — | — | 0·0 | 0·0 | — | — | — | — | 2 | 3 | 4 | 5 | — | 6 | 2 | 9 |
| 12·4 | — | — | — | *0·8* | — | — | — | 22·6 | — | — | 7 | 5 | *97* | *8·5* | *7* | *9* | *7* | *4* | *14* | *9·5* | *126* |

## at HELIOPOLIS for the year 1913.

H = 41·0 m. $h_t$ = 1·5 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·6 | 9·2 | 8·6 | 8·5 | 2·4 | 3·6 | 1·2 | 2·4 | — | — | — | — | — | 32 | — | — | — | 2 | — | 56 | 3 | — |
| 7·1 | 7·1 | 7·6 | 7·3 | 2·2 | 3·1 | 1·6 | 2·3 | — | — | — | — | — | 34 | — | — | — | 25 | — | 23 | 2 | — |
| 8·7 | 7·7 | 8·4 | 8·3 | 1·7 | 2·1 | 0·6 | 1·5 | — | — | — | — | — | 65 | — | — | — | 5 | — | 18 | 5 | — |
| 10·7 | 9·3 | 9·9 | 10·0 | 3·0 | 2·3 | 1·1 | 2·1 | — | — | — | — | — | 57 | — | — | — | 3 | — | 24 | 6 | — |
| 11·8 | 9·5 | 10·2 | 10·5 | 2·3 | 2·4 | 0·5 | 1·7 | — | — | — | — | — | 50 | — | — | — | 3 | — | 31 | 9 | — |
| 15·6 | 11·8 | 11·9 | 13·1 | 2·1 | 0·6 | 0·1 | 0·9 | — | — | — | — | — | 65 | — | — | — | — | — | 7 | 18 | — |
| 16·6 | 13·0 | 13·5 | 14·4 | 2·3 | 0·7 | 0·1 | 1·0 | — | — | — | — | — | 60 | — | — | — | — | — | — | 33 | — |
| 17·8 | 15·2 | 16·2 | 16·4 | 2·6 | 0·9 | 0·0 | 1·2 | — | — | — | — | — | 38 | — | — | — | — | — | 6 | 49 | — |
| 17·3 | 14·6 | 15·4 | 15·8 | 2·7 | 0·9 | 0·1 | 1·2 | — | — | — | — | — | 41 | — | — | — | 2 | — | — | 47 | — |
| 14·9 | 13·2 | 14·3 | 14·1 | 2·1 | 2·4 | 0·5 | 1·7 | — | — | — | — | — | 51 | — | — | — | 3 | — | 27 | 12 | — |
| 10·6 | 10·6 | 10·8 | 10·7 | 2·3 | 3·7 | 1·8 | 2·6 | — | — | — | — | — | 24 | — | — | — | 1 | — | 58 | 7 | — |
| 7·2 | 7·7 | 7·9 | 7·6 | 3·6 | 3·5 | 2·4 | 3·2 | — | — | — | — | — | 18 | — | — | — | 22 | — | 52 | 1 | — |
| 12·2 | 10·7 | 11·2 | 11·4 | 2·4 | 2·2 | 0·8 | 1·8 | — | — | — | — | — | 535 | — | — | — | 66 | — | 302 | 192 | — |

## Summary of Meteorological Observations

φ = 30° 5′ N. λ = 31° 17′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 762·68 | 767·5 | 756·9 | 9·4 | 17·5 | 12·9 | 12·0 | 19·1 | 8·0 | 21·0 | 27, 30 | 5·1 | 22 | 81 | 52 | 74 | 78 |
| February ... ... ... ... ... | 60·26 | 67·4 | 51·5 | 10·1 | 18·6 | 14·2 | 12·8 | 19·8 | 8·1 | 29·1 | 23 | 3·5 | 4 | 75 | 43 | 63 | 69 |
| March ... ... ... ... ... ... | 60·78 | 66·7 | 53·4 | 11·9 | 22·0 | 15·4 | 14·6 | 23·0 | 9·0 | 31·0 | 25 | 5·0 | 15 | 79 | 33 | 60 | 70 |
| April ... ... ... ... ... ... | 56·82 | 60·9 | 50·7 | 18·2 | 27·5 | 21·0 | 20·1 | 28·8 | 13·8 | 37·0 | 15 | 10·5 | 2 | 67 | 35 | 53 | 60 |
| May ... ... ... ... ... ... | 56·39 | 60·9 | 50·0 | 21·6 | 28·9 | 23·4 | 22·6 | 30·0 | 16·6 | 36·0 | 22 | 13·2 | 9 | 60 | 33 | 48 | 54 |
| June ... ... ... ... ... ... | 56·76 | 59·5 | 54·5 | 22·9 | 32·2 | 26·4 | 24·9 | 33·5 | 18·1 | 38·0 | 28 | 15·5 | 1, 6 | 70 | 29 | 43 | 56 |
| July ... ... ... ... ... ... | 55·44 | 58·7 | 52·2 | 24·7 | 33·5 | 27·6 | 26·5 | 34·7 | 20·2 | 43·0 | 18 | 17·0 | 2 | 70 | 32 | 46 | 58 |
| August ... ... ... ... ... ... | 55·27 | 59·4 | 51·0 | 24·4 | 32·8 | 27·7 | 26·5 | 34·1 | 21·2 | 38·7 | 2 | 19·5 | 1 | 76 | 38 | 55 | 66 |
| September ... ... ... ... ... | 57·02 | 59·5 | 53·2 | 22·8 | 31·6 | 25·8 | 25·2 | 32·6 | 20·4 | 37·0 | 15 | 18·0 | 27 | 83 | 40 | 63 | 73 |
| October... ... ... ... ... ... | 58·79 | 61·6 | 55·4 | 20·6 | 28·8 | 22·8 | 22·5 | 29·5 | 17·9 | 35·0 | 9 | 14·2 | 28 | 77 | 43 | 67 | 72 |
| November ... ... ... ... ... | 60·89 | 63·9 | 56·7 | 14·6 | 22·2 | 17·6 | 16·8 | 23·5 | 12·6 | 26·6 | 8 | 9·2 | 15 | 82 | 53 | 72 | 77 |
| December ... ... ... ... ... | 62·27 | 70·7 | 54·4 | 11·1 | 17·7 | 13·6 | 12·9 | 19·3 | 9·2 | 24·0 | 30 | 4·5 | 25, 26 | 72 | 52 | 69 | 70 |
| Year ... ... ... | 758·61 | — | — | 17·7 | 26·1 | 20·7 | 19·8 | 27·3 | 14·6 | — | — | — | — | 74 | 40 | 59 | 67 |

## Summary of Meteorological Observations

φ = 30° 2′ N. λ = 31° 13′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 762·98 | 768·1 | 757·1 | 8·7 | 18·2 | 11·2 | 10·8 | 19·0 | 4·9 | 21·1 | 31 | 2·2 | 3 | 87 | 47 | 81 | 84 |
| February ... ... ... ... .. | 60·83 | 67·5 | 51·9 | 9·6 | 19·0 | 12·9 | 11·7 | 19·8 | 5·3 | 29·1 | 23 | 1·0 | 3, 4 | 80 | 40 | 68 | 74 |
| March ... ... ... ... ... ... | 61·10 | 66·8 | 53·8 | 11·8 | 21·4 | 14·9 | 13·7 | 22·1 | 6·6 | 30·0 | 29 | 1·0 | 15 | 82 | 38 | 65 | 74 |
| April ... ... ... ... ... ... | 57·13 | 61·2 | 51·2 | 17·7 | 26·7 | 19·9 | 18·9 | 27·8 | 11·3 | 37·8 | 15 | 6·5 | 6 | 72 | 38 | 57 | 64 |
| May ... ... ... ... ... ... | 56·66 | 61·2 | 50.0 | 21·1 | 28·4 | 22·5 | 21·4 | 29·4 | 13·6 | 35·4 | 11 | 10·5 | 9 | 63 | 33 | 51 | 57 |
| June ... ... ... ... ... ... | 56·96 | 59·6 | 54·6 | 22·5 | 31·5 | 25·9 | 24·0 | 32·3 | 16·0 | 37·1 | 28 | 13·0 | 1 | 73 | 31 | 44 | 58 |
| July ... ... ... ... ... ... | 55·64 | 58·9 | 52·2 | 24·5 | 33·4 | 27·0 | 25·7 | 34·2 | 17·9 | 41·6 | 18 | 15·0 | 26 | 72 | 33 | 51 | 62 |
| August ... ... ... ... ... ... | 55·49 | 59·7 | 51·6 | 24·3 | 32·5 | 26·6 | 25·6 | 33·2 | 19·0 | 38·8 | 2 | 16·5 | 4 | 80 | 45 | 65 | 72 |
| September ... ... ... ... ... | 57·40 | 60·6 | 53·6 | 23·3 | 31·5 | 24·1 | 24·2 | 32·1 | 17·8 | 35·2 | 15 | 14·0 | 29 | 83 | 44 | 73 | 78 |
| October... ... ... ... ... ... | 59·01 | 61·7 | 55·8 | 20·7 | 29·1 | 21·1 | 21·6 | 29·7 | 15·3 | 34·6 | 17 | 10·5 | 28 | 80 | 40 | 76 | 78 |
| November ... ... ... ... ... | 61·09 | 64·1 | 57·3 | 15·2 | 23·2 | 16·0 | 16·2 | 24·0 | 10·3 | 26·8 | 2 | 7·1 | 27 | 84 | 46 | 82 | 83 |
| December ... ... ... ... ... | 62·67 | 70·8 | 54·7 | 9·8 | 18·7 | 11·9 | 11·8 | 19·4 | 6·8 | 24·2 | 30 | 1·5 | 25 | 82 | 46 | 81 | 82 |
| Year ... ... ... | 758·91 | — | — | 17·4 | 26·1 | 19·5 | 18·8 | 26·9 | 12·1 | — | — | — | — | 78 | 40 | 66 | 72 |

## at ʿABBASSIA for the year 1913.

H = 29·9 m. $h_t$ = 2·0 m. $h_r$ = 1·0 m. $C_h$ = + 3 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·1 | 7·7 | 8·2 | 7·7 | 4·0 | 5·4 | 2·9 | 4·1 | 0·0 | 0·0 | — | — | — | 14 | 1 | — | — | 26 | 7 | 7 | 2 | 36 |
| 6·9 | 6·7 | 7·4 | 7·0 | 3·2 | 4·4 | 2·9 | 3·5 | 5·0 | 4·5 | 13 | 2 | 1 | 18 | — | — | — | 31 | 2 | 6 | 5 | 22 |
| 8·1 | 6·5 | 7·9 | 7·5 | 2·8 | 2·9 | 1·3 | 2·3 | 0·5 | 0·5 | 4 | 1 | — | 43 | — | — | 1 | 9 | 3 | 13 | 9 | 15 |
| 10·5 | 9·4 | 9·8 | 9·9 | 3·6 | 3·1 | 2·0 | 2·9 | Drops | Drops | 20 | — | — | 40 | 1 | — | — | 8 | 3 | 18 | 9 | 11 |
| 11·5 | 9·8 | 10·4 | 10·6 | 3·4 | 3·5 | 1·1 | 2·7 | 4·0 | 4·0 | 16 | 1 | 1 | 44 | — | 1 | 2 | 4 | 6 | 29 | 6 | 1 |
| 14·6 | 10·6 | 11·0 | 12·1 | 2·4 | 0·6 | 0·3 | 1·1 | 0·0 | 0·0 | — | — | — | 56 | — | — | — | — | — | 19 | 7 | 8 |
| 16·2 | 12·2 | 12·9 | 13·8 | 2·7 | 0·8 | 0·2 | 1·2 | 0·0 | 0·0 | — | — | — | 40 | — | — | — | — | 3 | 27 | 14 | 9 |
| 17·3 | 14·1 | 15·1 | 15·5 | 3·3 | 0·9 | 0·3 | 1·5 | 0·0 | 0·0 | — | — | — | 50 | — | — | — | — | — | 17 | 8 | 18 |
| 17·2 | 13·7 | 15·4 | 15·4 | 4·2 | 1·0 | 0·2 | 1·8 | 0·0 | 0·0 | — | — | — | 65 | — | — | — | — | — | 3 | 6 | 16 |
| 13·9 | 12·5 | 13·8 | 13·4 | 2·1 | 2·8 | 0·9 | 1·9 | Drops | Drops | 30 | — | — | 52 | — | — | 2 | 7 | 1 | 5 | 14 | 12 |
| 10·1 | 10·4 | 10·8 | 10·4 | 2·7 | 4·7 | 2·8 | 3·4 | 2·0 | 1·5 | 23 | 2 | 1 | 27 | 2 | — | 4 | 16 | 2 | 7 | 3 | 29 |
| 7·1 | 7·8 | 8·0 | 7·6 | 4·6 | 4·2 | 3·0 | 3·9 | 5·3 | 2·8 | 14 | 2 | 2 | 12 | — | — | 1 | 48 | — | 4 | 3 | 25 |
| 11·7 | 10·1 | 10·9 | 10·9 | 3·2 | 2·9 | 1·5 | 2·5 | 16·8 | — | — | 8 | 5 | 461 | 4 | 1 | 10 | 149 | 27 | 155 | 86 | 202 |

## at GIZA for the year 1913.

H = 27·8 m. $h_t$ = 1·9 m. $h_r$ = 0·9 m. $C_h$ = + 2 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·2 | 7·3 | 8·0 | 7·5 | 3·8 | 4·7 | 1·1 | 3·2 | Drops | Drops | Several dates | — | — | 18 | 2·5 | 0·5 | 6·5 | 5·5 | 2·5 | 3·5 | 11 | 43 |
| 7·1 | 6·2 | 7·4 | 6·9 | 3·1 | 4·5 | 2·1 | 3·2 | 5·0 | 4·5 | 13 | 2 | 1 | 17 | 3 | — | 4·5 | 14·5 | 9 | 2·5 | 8·5 | 25 |
| 8·6 | 7·0 | 8·0 | 7·9 | 3·0 | 2·7 | 1·3 | 2·3 | 0·4 | 0·4 | 12 | 1 | — | 49·5 | 9 | — | 2·5 | 1·5 | 4·5 | 3·5 | 12·5 | 10 |
| 10·8 | 9·6 | 9·7 | 10·0 | 4·7 | 3·3 | 2·5 | 3·5 | Drops | Drops | 20 | — | — | 38 | 9 | 1 | 1 | 3·5 | 1 | 1 | 15·5 | 19 |
| 11·5 | 9·2 | 10·2 | 10·3 | 3·1 | 3·4 | 1·6 | 2·7 | 2·6 | 2·6 | 16 | 1 | 1 | 31 | 12·5 | 1 | 3 | 2 | 5 | 7 | 19·5 | 12 |
| 14·8 | 10·4 | 10·5 | 12·0 | 3·6 | 0·3 | 0·1 | 1·3 | Drops | Drops | 1 | — | — | 39·5 | 5 | — | 1 | — | 0·5 | 5·5 | 35·5 | 3 |
| 16·3 | 12·2 | 13·5 | 14·0 | 2·5 | 0·7 | 0·1 | 1·1 | 0·0 | 0·0 | — | — | — | 42 | 9·5 | — | — | — | — | 4·5 | 27 | 19 |
| 17·9 | 16·2 | 16·9 | 17·0 | 4·3 | 1·1 | 0·1 | 1·8 | 0·0 | 0·0 | — | — | — | 63·5 | 8 | — | — | — | — | 3 | 12·5 | 6 |
| 17·6 | 15·0 | 16·2 | 16·3 | 5·5 | 0·8 | 0·2 | 2·2 | 0·0 | 0·0 | — | — | — | 57·5 | 18·5 | 0·5 | — | — | — | — | 6·5 | 7 |
| 14·8 | 12·1 | 14·3 | 13·7 | 3·0 | 2·5 | 0·9 | 2·1 | Drops | Drops | Several dates | — | — | 35·5 | 11 | 2 | 3 | 10·5 | 3·5 | 1 | 6·5 | 20 |
| 10·8 | 9·7 | 11·0 | 10·5 | 3·1 | 4·4 | 2·3 | 3·3 | 1·3 | 1·3 | 22 | 1 | 1 | 20·5 | 6·5 | 1·5 | 2·5 | 2 | 9·5 | 14 | 13·5 | 20 |
| 7·4 | 7·2 | 8·4 | 7·7 | 5·8 | 4·4 | 4·2 | 4·8 | 3·9 | 2·0 | 14 | 3 | 2 | 2 | 1·5 | — | 3·5 | 7·5 | 26 | 21·5 | 24 | 71 |
| 12·1 | 10·2 | 11·2 | 11·2 | 3·8 | 2·7 | 1·4 | 2·6 | 13·2 | — | — | 8 | 5 | 414 | 96 | 6·5 | 27·5 | 47 | 61·5 | 67 | 192·5 | 182 |

## Summary of Meteorological Observations

$\varphi = 29^\circ\ 52'$ N. $\lambda = 31^\circ\ 20'$ E. of Greenwich

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 755·01 | 759·9 | 749·5 | 10·2 | 17·1 | 13·7 | 12·3 | 18·3 | 8·2 | 20·2 | 27 | 5·5 | 9, 16 | 70 | 43 | 55 | 62 |
| February ... ... ... ... ... | 52·71 | 58·6 | 44·2 | 10·4 | 18·2 | 14·5 | 12·8 | 19·7 | 8·2 | 29·0 | 23 | 8·7 | 4 | 68 | 34 | 50 | 59 |
| March ... ... ... ... ... ... | 52·91 | 58·7 | 46·3 | 12·3 | 21·3 | 16·7 | 14·9 | 22·6 | 9·3 | 31·8 | 25 | 4·3 | 4 | 70 | 28 | 43 | 56 |
| April ... ... ... ... ... ... | 49·10 | 53·5 | 43·8 | 18·8 | 27·1 | 22·1 | 20·6 | 29·0 | 14·2 | 38·7 | 15 | 9·6 | 6 | 54 | 24 | 36 | 45 |
| May ... ... ... ... ... ... | 48·80 | 53·3 | 43·0 | 20·9 | 27·9 | 24·0 | 22·4 | 30·1 | 16·7 | 37·6 | 22 | 12·8 | 17 | 53 | 25 | 36 | 44 |
| June ... ... ... ... ... ... | 49·12 | 51·5 | 46·7 | 22·2 | 31·3 | 27·1 | 24·6 | 33·0 | 17·8 | 38·2 | 28 | 14·4 | 1 | 61 | 21 | 31 | 46 |
| July ... ... ... ... ... ... | 47·93 | 51·0 | 44·6 | 23·6 | 32·9 | 28·7 | 26·2 | 34·6 | 19·8 | 42·9 | 18 | 18·2 | 26 | 64 | 25 | 35 | 50 |
| August ... ... ... ... ... ... | 47·72 | 51·8 | 43·8 | 23·8 | 32·5 | 29·1 | 26·5 | 33·9 | 20·5 | 39·3 | 2 | 18·8 | 4, 26 | 69 | 27 | 40 | 54 |
| September ... ... ... ... ... | 49·49 | 52·7 | 45·8 | 22·8 | 31·9 | 27·4 | 25·4 | 32·8 | 19·6 | 37·8 | 15 | 17·9 | 19 | 74 | 27 | 44 | 59 |
| October... ... ... ... ... ... | 51·21 | 54·1 | 47·6 | 20·9 | 28·8 | 23·9 | 22·8 | 29·7 | 17·6 | 38·0 | 9 | 14·2 | 28 | 67 | 31 | 48 | 58 |
| November ... ... ... ... ... | 53·24 | 56·0 | 49·0 | 15·4 | 22·1 | 18·1 | 17·0 | 23·0 | 12·6 | 26·7 | 15 | 9·7 | 27 | 73 | 42 | 55 | 64 |
| December ... ... ... ... ... | 54·77 | 62·6 | 47·0 | 10·7 | 17·6 | 14·0 | 12·8 | 18·5 | 8·9 | 26·3 | 31 | 4·9 | 25 | 66 | 41 | 55 | 60 |
| Year ... ... ... | 751·00 | — | — | 17·7 | 25·7 | 21·6 | 19·9 | 27·1 | 14·4 | — | — | — | — | 66 | 31 | 44 | 55 |

## Summary of Meteorological Observations

$\varphi = 29^\circ\ 56'$ N. $\lambda = 32^\circ\ 33'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 764·86 | 769·5 | 758·3 | 11·8 | 18·5 | 16·8 | 13·4 | 19·9 | 6·9 | 23·0 | 31 | 5·0 | Several dates | 76 | 51 | 56 | 66 |
| February ... ... ... ... ... | 62·50 | 69·4 | 52·9 | 12·7 | 19·3 | 18·1 | 13·9 | 20·3 | 7·5 | 25·0 | 22 | 4·0 | 4 | 69 | 44 | 48 | 58 |
| March ... ... ... ... ... ... | 62·55 | 68·9 | 55·5 | 14·2 | 22·7 | 20·8 | 16·8 | 24·9 | 8·7 | 34·0 | 26 | 4·0 | 8 | 72 | 38 | 43 | 58 |
| April ... ... ... ... ... ... | *58·78* | 63·7 | 52·4 | 20·4 | *27·6* | *25·0* | 21·8 | 29·7 | 14·0 | 39·0 | 29 | 10·0 | 18 | 60 | *34* | *39* | *50* |
| May ... ... ... ... ... ... | 58·33 | 63·0 | 54·3 | 22·7 | 29·3 | 27·2 | 23·6 | 31·6 | 15·7 | 38·0 | 22 | 13·0 | 17 | 58 | 31 | 36 | 47 |
| June ... ... ... ... ... ... | *58·40* | 61·2 | 55·6 | 24·3 | *32·5* | *29·8* | *26·3* | 34·7 | 17·9 | 38·0 | 10, 28, 29 | 15·0 | 1, 2 | 63 | *29* | *35* | *49* |
| July ... ... ... ... ... ... | *57·15* | 60·7 | 53·2 | 25·7 | *34·1* | *31·4* | *28·1* | 36·5 | 19·7 | 43·0 | 18 | 17·0 | 3 | 64 | *30* | *36* | *50* |
| August ... ... ... ... ... ... | 56·74 | 60·0 | 52·8 | 26·0 | 34·2 | 31·5 | 28·4 | 36·6 | 20·3 | 41·0 | 23 | 19·0 | Several dates | 66 | 31 | 38 | 52 |
| September ... ... ... ... ... | *58·50* | 62·8 | 54·2 | 25·1 | *33·1* | *30·5* | *27·0* | 35·0 | 19·1 | 38·0 | 15, 16 | 18·0 | Several dates | 71 | *32* | *41* | *56* |
| October... ... ... ... ... ... | 60·54 | 63·5 | 56·9 | 23·0 | 29·8 | 27·6 | 24·2 | 31·7 | 16·7 | 38·0 | 9 | 15·0 | Several dates | 69 | 38 | 45 | 57 |
| November ... ... ... ... ... | *62·82* | 65·9 | 59·0 | 17·4 | *23·7* | *21·6* | *19·2* | 25·6 | 12·8 | 29·0 | 8 | 9·0 | 27 | 73 | *43* | *54* | *61* |
| December ... ... ... ... ... | *64·45* | 72·8 | 57·1 | 13·1 | *19·0* | *17·4* | *14·4* | 20·4 | 8·5 | 25·0 | 2 | 4·0 | 26 | 71 | *49* | *55* | *63* |
| Year ... ... ... | 760·47 | — | — | 19·7 | 27·0 | 24·9 | 21·4 | 28·9 | 14·0 | — | — | — | — | 68 | 38 | 44 | 56 |

## at HELWAN for the year 1913.

H = 115·6 m. $h_t$ = 2·0 m. $h_r$ = 1·0 m. $C_h$ = +10 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·5 | 6·2 | 6·5 | 6·4 | 2·7 | 4·2 | 1·9 | 2·9 | Drops | Drops | Several dates. | — | — | 17·5 | 24 | 7 | 6 | 6 | 7 | 7 | 18·5 | — |
| 6·3 | 5·1 | 5·8 | 5·7 | 2·2 | 4·2 | 1·4 | 2·6 | 12·9 | 7·8 | 13 | 3 | 3 | 19 | 18·5 | 3 | 7·5 | 10 | 10·5 | 6 | 9·5 | — |
| 7·5 | 5·1 | 6·0 | 6·2 | 2·1 | 2·6 | 1·5 | 2·1 | 1·6 | 1·6 | 6 | 1 | 1 | 39·5 | 20 | 4·5 | 2 | 2 | 0·5 | 5 | 19·5 | — |
| 8·1 | 5·9 | 6·9 | 7·0 | 3·7 | 2·8 | 2·4 | 3·0 | Drops | Drops | 12, 20 | — | — | 23 5 | 19 | 8 | 3 | 2·5 | 4 | 3·5 | 26·5 | — |
| 9·4 | 6·6 | 7·5 | 7·8 | 2·2 | 2·8 | 2·0 | 2·3 | 12·6 | 12·6 | 16 | 1 | 1 | 29 | 16 | 6 | 2·5 | 3·5 | 3·5 | 9·5 | 23 | — |
| 12·1 | 7·1 | 8·2 | 9·1 | 1·1 | 0·1 | 0·0 | 0·4 | 0·0 | 0·0 | — | — | — | 51 | 11 | — | — | — | — | 0·5 | 27·5 | — |
| 13·7 | 8·8 | 10·0 | 10·8 | 1·6 | 0·4 | 0·2 | 0·7 | 0·0 | 0·0 | — | — | — | 60 | 4 | — | — | — | — | 1·5 | 27·5 | — |
| 15·0 | 9·8 | 11·9 | 12·2 | 1·2 | 0·3 | 0·1 | 0·5 | 0·0 | 0·0 | — | — | — | 53·5 | 6·5 | 1 | — | — | — | 3 | 29 | — |
| 15·2 | 9·5 | 11·8 | 12·2 | 1·9 | 0·4 | 0·0 | 0·8 | 0·0 | 0·0 | — | — | — | 66 | 9 | 2 | — | — | — | — | 13 | — |
| 12·3 | 8·9 | 10·7 | 10·6 | 1·5 | 2·5 | 0·6 | 1·5 | Drops | Drops | 23 | — | — | 38 | 13·5 | 6 | 5 | 2·5 | 9 | 4·5 | 14·5 | — |
| 9·5 | 8·1 | 8·5 | 8·7 | 1·3 | 2·9 | 1·2 | 1·8 | 15·1 | 9·8 | 22 | 2 | 2 | 33 | 14·5 | 3·5 | 1 | 1 | 9 | 4·5 | 23·5 | — |
| 6·3 | 5·9 | 6·5 | 6·2 | 4·1 | 4·0 | 3·6 | 3·9 | 9·0 | 4·2 | 14 | 4 | 3 | 12·5 | 14·5 | 7 | 8·5 | 26·5 | 5 | 10 | 9 | — |
| 10·2 | 7·2 | 8·4 | 8·6 | 2·1 | 2·3 | 1·2 | 1·9 | 51·2 | — | — | 11 | 10 | 442·5 | 170·5 | 48 | 35·5 | 54 | 48·5 | 55 | 241 | — |

## at SUEZ for the year 1913.

H = 3·4 m. $h_t$ = 1·8 m. $h_r$ = 3·2 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·8 | 7·9 | 7·9 | 7·8 | 2·1 | 2·2 | 2·5 | 2·3 | 0·0 | 0·0 | — | — | — | 31·5 | 10·5 | 7·5 | 4 | 9 | — | 15 | 11·5 | — |
| 7·5 | 7·3 | 7·4 | 7·4 | 3·0 | 5·3 | 5·0 | 4·0 | 1·0 | 1·0 | 13 | 1 | 1 | 5 | 15 | 2·5 | 10·5 | 6 | 16 | 5 | 4 | — |
| 8·6 | 7·7 | 7·8 | 8·0 | 2·0 | 2·6 | 2·7 | 2·4 | 0·0 | 0·0 | — | — | — | 25 | 12 | — | 3 | 6 | 6 | 7 | 29 | — |
| 10·7 | 9·2 | 9·4 | 10·0 | 2·0 | 1·7 | 2·1 | 2·0 | 0·0 | 0·0 | — | — | — | 14 | 15 | 1 | 1 | 15·5 | 3·5 | 6 | 28 | — |
| 11·9 | 9·5 | 9·7 | 10·8 | 0·7 | 1·2 | 1·6 | 1·2 | 5·5 | 5 5 | 16 | 1 | 1 | 32 | 7 | 2·5 | 0·5 | 16 | 3 | 1 | 27 | — |
| 14·1 | 10·7 | 11·0 | 12·6 | 0·0 | 0·0 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | 34 | 3 | — | — | — | — | — | 44 | — |
| 15·6 | 11·7 | 12·3 | 14·0 | 0·6 | 0·0 | 0·0 | 0·3 | 0·0 | 0·0 | — | — | — | 49 | 4 | — | — | — | — | — | 34 | — |
| 16·5 | 12·5 | 13·1 | 14·8 | 0·4 | 0·0 | 0·0 | 0·2 | 0·0 | 0·0 | — | — | — | 54 | 4 | — | — | 2 | — | — | 29 | — |
| 16·9 | 11·9 | 13·2 | 15·0 | 0·2 | 0·0 | 0·0 | 0·1 | 0·0 | 0·0 | — | — | — | 53 | 4 | — | 1 | — | — | — | 28 | — |
| 14·4 | 11·9 | 12·6 | 13·5 | 0·7 | 0·9 | 0·8 | 0·8 | 0·0 | 0·0 | — | — | — | 55 | 3 | 1 | — | 15 | 2 | — | 15 | — |
| 10·8 | 10·0 | 10·3 | 10·4 | 1·1 | 0·7 | 0·9 | 1·0 | 0·0 | 0·0 | — | — | — | 49 | 8 | 1 | — | 6 | — | 3 | 13 | — |
| 7·9 | 8·1 | 8·1 | 8·0 | 3·0 | 3·4 | 2·5 | 2·8 | 0·0 | 0·0 | — | — | — | 25 | 4 | 4 | 4 | 15 | 11·5 | 8·5 | 11 | — |
| 11·9 | 9·9 | 10·2 | 11·0 | 1·3 | 1·5 | 1·5 | 1·4 | 0·5 | — | — | 2 | 2 | 426·5 | 89·5 | 19·5 | 24 | 90·5 | 42 | 45·5 | 291·5 | — |

## Summary of Meteorological Observations

$\varphi = 28° 14'$ N. $\lambda = 33° 37'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 763·66 | 769·0 | 757·7 | 10·8 | 18·9 | 15·2 | 13·1 | 20·1 | 7·6 | 23·1 | 24 | 5·2 | 21 | 65 | 64 | 60 | 62 |
| February | 62·01 | 67·4 | 54·0 | 13·3 | 19·4 | 16·8 | 14·5 | 20·9 | 8·4 | 26·8 | 23 | 5·5 | 4 | 58 | 57 | 53 | 56 |
| March | 61·37 | 66·9 | 55·3 | 15·5 | 20·6 | 18·8 | 16·4 | 22·4 | 10·7 | 30·5 | 30 | 5·0 | 6 | 55 | 60 | 51 | 53 |
| April | 57·65 | 61·4 | 52·8 | 21·8 | 25·9 | 23·2 | 21·9 | 28·1 | 16·6 | 36·4 | 16 | 10·2 | 11 | 64 | 54 | 58 | 61 |
| May | 57·10 | 61·1 | 52·9 | 24·4 | 27·2 | 25·8 | 24·4 | 30·3 | 20·0 | 37·0 | 7 | 10·5 | 18 | 61 | 55 | 49 | 55 |
| June | 55·68 | 58·2 | 53·6 | 24·8 | 28·0 | 27·8 | 25·9 | 31·0 | 22·9 | 40·0 | 28 | 19·8 | 2 | 66 | 56 | 52 | 59 |
| July | 54·89 | 57·6 | 51·8 | 26·0 | 29·3 | 29·4 | 27·1 | 33·4 | 23·7 | 40·5 | 7 | 21·0 | 17 | 67 | 54 | 48 | 58 |
| August | 55·21 | 58·6 | 51·9 | 27·0 | 29·9 | 29·1 | 27·5 | 33·8 | 24·0 | 39·5 | 12 | 20·0 | 16 | 70 | 54 | 54 | 62 |
| September | 56·50 | 60·0 | 52·6 | 26·4 | 28·9 | 28·2 | 26·2 | 31·4 | 21·2 | 36·2 | 17 | 16·5 | 28 | 66 | 64 | 57 | 62 |
| October | 59·39 | 62·0 | 56·5 | 23·7 | 27·9 | 25·0 | 23·4 | 29·3 | 17·0 | 35·6 | 10 | 11·0 | 23 | 56 | 59 | 55 | 56 |
| November | 61·29 | 64·0 | 58·6 | 18·1 | 23·6 | 20·1 | 18·9 | 24·4 | 13·9 | 27·2 | 15 | 10·0 | 15 | 54 | 58 | 55 | 54 |
| December | 64·09 | 71·9 | 57·8 | 12·5 | 20·0 | 15·3 | 13·9 | 21·1 | — | 27·0 | 2 | 3·7 | 25 | 59 | 50 | 53 | 56 |
| Year | 759·07 | — | — | 20·4 | 25·0 | 22·9 | 21·1 | 27·2 | 16·9 | — | — | — | — | 62 | 57 | 54 | 58 |

## Summary of Meteorological Observations

$\varphi = 29° 20'$ N. $\lambda = 30° 38'$ E. of Greenwich.

| Month | Standard 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 | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 765·11 | 770·2 | 760·9 | 8·2 | 18·7 | 12·0 | 9·9 | 19·1 | 0·8 | 21·5 | 31 | —1·5 | Several dates | 87 | 50 | 73 | 80 |
| February | 63·59 | 68·6 | 57·0 | 9·7 | 19·8 | 13·0 | 11·2 | 20·2 | 2·5 | 29·0 | 23 | —1·0 | 3, 6 | 77 | 43 | 66 | 72 |
| March | 63·06 | 69·0 | 56·9 | 12·8 | 22·1 | 15·4 | 14·1 | 22·9 | 6·0 | 30·5 | 26, 27 | 0·0 | 5 | 80 | 38 | 62 | 71 |
| April | 58·69 | 63·4 | 53·0 | 19·0 | 28·3 | 21·6 | 20·3 | 29·4 | 12·2 | 38·2 | 15 | 6·4 | 6 | 68 | 34 | 51 | 60 |
| May | 58·37 | 62·6 | 52·2 | 22·0 | 30·0 | 24·0 | 22·8 | 31·6 | 15·1 | 38·0 | 22 | 12·5 | 16 | 63 | 37 | 51 | 57 |
| June | 58·66 | 61·0 | 56·5 | 24·3 | 33·7 | 26·5 | 25·5 | 34·9 | 17·5 | 39·0 | 28 | 14·0 | 2 | 72 | 39 | 56 | 64 |
| July | 57·39 | 60·4 | 54·4 | 26·7 | 35·8 | 28·9 | 27·7 | 37·0 | 19·4 | 44·8 | 18 | 17·5 | 4, 24, 25 | 63 | 37 | 51 | 57 |
| August | 57·18 | 61·0 | 53·5 | 26·0 | 35·5 | 28·9 | 27·6 | 36·6 | 20·1 | 40·5 | 2 | 18·0 | 4, 5 | 70 | 39 | 52 | 61 |
| September | 58·90 | 61·9 | 55·4 | 24·9 | 34·2 | 26·2 | 26·0 | 34·7 | 18·6 | 38·0 | 15 | 15·4 | 29 | 74 | 39 | 64 | 69 |
| October | 60·72 | 63·6 | 57·7 | 21·7 | 30·0 | 22·9 | 22·4 | 31·0 | 15·2 | 35·0 | 11, 17 | 10·0 | 28 | 71 | 42 | 63 | 67 |
| November | 62·85 | 65·6 | 59·4 | 15·2 | 23·5 | 17·1 | 16·6 | 24·5 | 10·4 | 27·5 | 2 | 6·5 | 26, 29 | 79 | 46 | 69 | 74 |
| December | 64·51 | 72·6 | 56·9 | 9·0 | 19·0 | 12·3 | 11·4 | 19·8 | 5·2 | 24·5 | 31 | —1·5 | 26 | 80 | 46 | 67 | 74 |
| Year | 760·75 | — | — | 18·3 | 27·5 | 20·7 | 19·6 | 28·5 | 11·9 | — | — | — | — | 74 | 41 | 60 | 67 |

## at TOR for the year 1913.

H = 1·9 m. $h_t$ = 1·9 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·3 | 10·4 | 7·7 | 8·1 | 1·3 | 1·3 | 0·6 | 1·1 | — | — | — | — | — | 38 | 9·5 | 1 | — | 1 | — | 11·5 | 31 | 1 |
| 6·8 | 9·5 | 7·6 | 8·0 | 1·4 | 1·9 | 1·4 | 1·6 | — | — | — | — | — | 30·5 | 6·5 | 0·5 | 4·5 | 0·5 | — | 12 | 29·5 | — |
| 7·5 | 10·8 | 8·4 | 8·9 | 2·1 | 2·4 | 2·1 | 2·2 | — | — | — | — | — | 30·5 | 4 | — | 5·5 | 1·5 | — | 9 | 38·5 | 4 |
| 12·4 | 13·1 | 12·3 | 12·6 | 2·6 | 3·2 | 2·6 | 2·8 | — | — | — | — | — | 13 | 1 | 1 | 10 | 5 | 0·5 | 8·5 | 49 | 2 |
| 13·8 | 14·6 | 11·7 | 13·4 | 2·1 | 3·4 | 2·6 | 2·7 | — | — | — | — | — | 11·5 | — | — | 14·5 | 3·5 | 2 | 1·5 | 58 | 2 |
| 15·2 | 15·7 | 14·0 | 15·0 | 0·7 | 1·3 | 1·1 | 1·0 | — | — | — | — | — | 4·5 | — | — | — | — | — | — | 85·5 | — |
| 16·6 | 16·0 | 13·7 | 15·4 | 0·2 | 0·5 | 0·8 | 0·5 | — | — | — | — | — | 1 | — | — | — | — | — | — | 92 | — |
| 18·5 | 16·8 | 16·1 | 17·1 | 0·4 | 1·4 | 1·9 | 1·2 | — | — | — | — | — | 3·5 | 1 | — | — | — | — | — | 88·5 | — |
| 16·8 | 18·9 | 15·8 | 17·2 | 0·2 | 0·1 | 0·2 | 0·2 | — | — | — | — | — | 14·5 | 1 | — | — | — | — | 6·5 | 67 | 1 |
| 12·5 | 16·3 | 13·0 | 13·9 | 1·7 | 2·4 | 1·5 | 1·9 | — | — | — | — | — | 40·5 | 2 | — | — | — | — | 3 | 44·5 | 3 |
| 8·4 | 12·5 | 9·6 | 10·2 | 1·9 | 2·8 | 2·2 | 2·3 | — | — | — | — | — | 48 | 4 | — | — | — | — | 1·5 | 35·5 | 1 |
| 6·4 | 8·7 | 6·9 | 7·3 | 3·1 | 3·3 | 2·7 | 3·0 | — | — | — | — | — | 52 | 7 | 1·5 | 0·5 | — | — | 4·5 | 27·5 | — |
| 11·8 | 13·6 | 11·4 | 12·3 | 1·5 | 2·0 | 1·6 | 1·7 | — | — | — | — | — | 287·5 | 36 | 4 | 35 | 11·5 | 2·5 | 58 | 646·5 | 14 |

## at QASR EL GEBALI for the year 1913.

H = 7·6 m. $h_t$ = 1·7 m. $C_h$ = + 1 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·0 | 8·0 | 7·6 | 7·5 | 2·3 | 1·3 | 0·8 | 1·5 | — | — | — | — | — | 44·5 | 14·5 | 8 | 9 | 8 | 1 | 1 | 7 | — |
| 7·0 | 7·3 | 7·3 | 7·2 | 2·2 | 2·6 | 0·7 | 1·8 | — | — | — | — | — | 33 | 17 | 1 | 4 | 19 | 3 | 1 | 6 | — |
| 8·7 | 7·4 | 8·1 | 8·1 | 1·7 | 1·8 | 2·0 | 1·8 | — | — | — | — | — | 52·5 | 15·5 | 4 | 8 | — | 3 | 6 | 4 | — |
| 11·1 | 9·7 | 9·8 | 10·2 | 3·4 | 2·8 | 1·7 | 2·6 | — | — | — | — | — | 44 | 19 | 7 | 6 | 5 | 1 | 1 | 3 | 4 |
| 12·3 | 11·8 | 11·2 | 11·8 | 2·1 | 1·8 | 1·1 | 1·7 | — | — | — | — | — | 35 | 14 | 5 | 2 | 4·5 | 0·5 | 3 | 5 | 24 |
| 16·3 | 14·8 | 14·3 | 15·1 | 0·1 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 64·5 | 17 | 2 | — | — | — | — | 1·5 | 5 |
| 16·2 | 15·9 | 14·9 | 15·7 | 1·0 | 0·1 | 0·0 | 0·4 | — | — | — | — | — | 69·5 | 10·5 | — | 1 | — | 2 | 2 | 1 | 1 |
| 17·4 | 16·6 | 15·3 | 16·4 | 0·7 | 0·2 | 0·1 | 0·3 | — | — | — | — | — | 57·5 | 21·5 | — | — | 1 | — | 1 | 10 | 2 |
| 17·3 | 15·7 | 16·2 | 16·4 | 0·9 | 0·2 | 0·0 | 0·4 | — | — | — | — | — | 49 | 31 | 3 | 1 | — | — | 1 | 1 | 4 |
| 13·7 | 13·1 | 13·0 | 13·3 | 0·5 | 1·2 | 0·7 | 0·8 | — | — | — | — | — | 39·5 | 18·5 | 4 | 8 | 10 | 5 | 2 | 3 | 3 |
| 10·1 | 9·8 | 10·0 | 10·0 | 0·8 | 2·9 | 1·5 | 1·7 | — | — | — | — | — | 36 | 14 | — | 9 | 13 | 2 | 2 | 12 | — |
| 6·9 | 7·5 | 7·2 | 7·2 | 3·2 | 2·1 | 1·4 | 2·2 | — | — | — | — | — | 18 | 10 | 6 | 8·5 | 32·5 | 6 | 4 | 8 | — |
| 12·0 | 12·5 | 11·2 | 11·6 | 1·6 | 1·4 | 0·8 | 1·3 | — | — | — | — | — | 543 | 208·5 | 40 | 56·5 | 93 | 23·5 | 24 | 61·5 | 43 |

## Summary of Meteorological Observations

$\varphi = 29° 12'$ N. $\lambda = 25° 29'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 768·62 | 771·6 | 763·8 | 12·1 | — | — | 12·6 | 20·9 | 4·4 | 24·0 | 31 | 1·5 | 3,9 | 77 | — | — | — |
| February ... ... ... ... ... | 65·32 | 72·5 | 55·6 | 13·2 | — | — | 13·8 | 21·3 | 6·4 | 28·0 | 22 | 1·0 | 19 | 76 | — | — | — |
| March ... ... ... ... ... ... | 66·98 | 71·9 | 57·8 | 15·5 | — | — | 16·2 | 24·6 | 7·8 | 35·0 | 29 | 2·0 | 5 | 74 | — | — | — |
| April ... ... ... ... ... ... | 62·10 | 66·4 | 55·2 | 20·6 | — | — | 22·2 | 30·5 | 13·9 | 42·0 | 15 | 7·5 | 5 | 72 | — | — | — |
| May ... ... ... ... ... ... | 62·17 | 66·6 | 55·6 | 26·9 | — | — | 23·4 | 31·9 | 15·0 | 40·8 | 22 | 11·7 | 9 | 56 | — | — | — |
| June ... ... ... ... ... ... | 63·20 | 65·9 | 60·3 | 23·9 | — | — | 26·3 | 35·4 | 17·3 | 40·4 | 28 | 13·5 | 20 | 45 | — | — | — |
| July ... ... ... ... ... ... | 61·91 | 64·6 | 58·3 | 24·7 | — | — | 28·5 | 37·9 | 19·1 | 44·2 | 13 | 11·5 | 1 | 53 | — | — | — |
| August ... ... ... ... . ... | 61·68 | 64·6 | 59·1 | 24·8 | — | — | 28·4 | 37·1 | 19·8 | 42·0 | 2,9 | 18·0 | Several dates. | 59 | — | — | — |
| September ... ... ... ... ... | 63·45 | 65·7 | 61·1 | 24·0 | — | — | 27·0 | 36·1 | 17·9 | 41·5 | 16 | 14·0 | 26 | 56 | — | — | — |
| October... ... ... ... ... ... | 64·89 | 67·4 | 60·9 | 20·4 | — | — | 22·6 | 30·9 | 14·4 | 36·1 | 9 | 10·0 | 27 | 61 | — | — | — |
| November ... ... ... ... ... | 67·18 | 70·6 | 63·0 | 14·7 | — | — | 17·4 | 25·2 | 9·7 | 29·5 | 9 | 5·2 | 25, 29 | 66 | — | — | — |
| December ... ... ... ... ... | 67·71 | 75·0 | 57·3 | 8·7 | — | — | 12·6 | 19·8 | 5·5 | 22·6 | 5 | —0·9 | 31 | 66 | — | — | — |
| Year ... ... ... | 764·58 | — | — | 18·6 | — | — | 20·9 | 29·3 | 12·6 | — | — | — | — | 63 | — | — | — |

## Summary of Meteorological Observations

$\varphi = 25° 29'$ N. $\lambda = 29°$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 754·05 | 758·9 | 750·3 | 13·4 | 20·2 | 14·2 | 13·0 | *20·9* | 4·4 | 24·0 | 30,31 | 0·0 | 9 | 49 | 43 | 51 | 50 |
| February ... ... ... ... ... | 53·33 | 58·4 | 43·5 | 14·2 | 21·4 | 16·7 | 14·2 | 24·6 | 4·5 | 33·0 | 23 | 1·0 | 10 | 48 | 33 | 45 | 46 |
| March ... ... ... ... ... ... | 52·26 | 58·2 | 46·6 | 16·2 | 24·2 | 18·1 | 16·6 | 28·1 | 8·0 | 38·5 | 24 | 0·0 | 5 | 39 | 26 | 31 | 35 |
| April ... ... ... ... ... ... | 47·88 | 52·6 | 43·3 | *23·4* | 34·3 | 26·5 | *25·6* | 38·6 | *18·1* | 47·2 | 14 | 13·0 | 5 | *39* | 24 | 34 | *36* |
| May ... ... ... ... ... ... | 50·29 | 56·1 | 44·1 | 25·9 | 34·7 | 26·4 | 25·5 | 36·7 | 14·9 | 44·5 | 28 | 9·5 | 10 | 35 | 25 | 33 | 34 |
| June ... ... ... ... ... ... | 48·15 | 51·0 | 44·8 | 29·8 | 39·0 | 31·2 | 30·2 | 41·0 | 21·0 | 45·2 | 15 | 18·0 | 23 | 33 | 22 | 28 | 30 |
| July ... ... ... ... ... ... | 47·37 | 50·5 | 44·5 | 28·7 | 38·0 | 30·9 | 30·3 | 41·9 | 23·5 | 49·0 | 18 | 21·0 | 16 | 36 | 20 | 34 | 35 |
| August ... ... ... ... ... ... | 47·30 | 50·3 | 44·8 | 27·7 | 38·4 | 32·0 | 30 5 | 41·8 | 23·8 | 46·0 | 3 | 2.·0 | 20, 21 | 39 | 19 | 31 | 35 |
| September ... ... ... ... ... | 48·93 | 51·8 | 45·2 | 26·7 | 35·0 | 30·2 | 28·7 | 35·8 | 23·0 | 39·0 | 3 | 21·0 | 28 | 38 | 24 | 28 | 33 |
| October... ... ... ... ... ... | 51·04 | 53·9 | 48·1 | 21·8 | 29·8 | 25·8 | 24·4 | 30·4 | 20·2 | 33·5 | Several dates. | 16·0 | 29,30,31 | 47 | 33 | 35 | 41 |
| November ... ... ... ... ... | 53·61 | 55·9 | 49·9 | 16·1 | 23·1 | 17·0 | 17·7 | 23·7 | 14·6 | 26·5 | 9 | 11·5 | 30 | 55 | 39 | 55 | 55 |
| December ... ... ... ... ... | 55·75 | 59·9 | 50·5 | 12·4 | 20·3 | 13·4 | 13·0 | 21·3 | 6·0 | 23·5 | 1 | 3·5 | 15 | 63 | 38 | 62 | 62 |
| Year ... ... ... | 750·83 | — | — | 21·4 | 29·9 | 23·5 | 22·5 | 32·1 | 15·2 | — | — | — | — | 43 | 29 | 39 | 41 |

## at SIWA for the year 1913.

H = — 23 m. $h_t$ = 1·5 m. $C_h$ = — 2 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 8·1 | — | — | — | 5·8 | — | — | — | — | — | — | — | — | 2 | — | 3 | — | — | — | 9 | — | 17 |
| 8·6 | — | — | — | 4·4 | — | — | — | — | — | — | — | — | 2 | — | 1 | 1 | — | 2 | 7 | — | 15 |
| 9·7 | — | — | — | 2·8 | — | — | — | — | — | — | — | — | 5 | — | 5 | — | — | — | 5 | — | 16 |
| 13·1 | — | — | — | 4·9 | — | — | — | — | — | — | — | — | 3 | 1 | 16 | — | — | — | 6 | — | 4 |
| 10·3 | — | — | — | 1·7 | — | — | — | — | — | — | — | — | 6 | — | 8 | — | — | — | 3 | 4 | 10 |
| 9·9 | — | — | — | 0·0 | — | — | — | — | — | — | — | — | 5 | 1 | 3 | — | — | 1 | 1 | — | 19 |
| 12·3 | — | — | — | 0·1 | — | — | — | — | — | — | — | — | 11 | — | 3 | — | — | — | — | 1 | 16 |
| 13·6 | — | — | — | 0·3 | — | — | — | — | — | — | — | — | 10 | — | — | — | — | — | — | — | 21 |
| 12·5 | — | — | — | 1·0 | — | — | — | — | — | — | — | — | 9 | — | 1 | — | — | — | 1 | — | 19 |
| 11·0 | — | — | — | 1·0 | — | — | — | — | — | — | — | — | 5 | — | 1 | — | — | — | 6 | — | 19 |
| 8·2 | — | — | — | 2·5 | — | — | — | — | — | — | — | — | 3 | — | — | — | 1 | — | 3 | — | 23 |
| 5·6 | — | — | — | 1·5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 9 | — | 22 |
| 10·2 | — | — | — | 2·2 | — | — | — | — | — | — | — | — | 61 | 2 | 41 | 1 | 1 | 3 | 50 | 5 | 201 |

## at DAKHLA OASIS for the year 1913.

$h_t$ = 2·0 m. $C_h$ = + 11 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 5·6 | 7·5 | 6·3 | 6·5 | 0·6 | 0·9 | 0·6 | 0·7 | — | — | — | — | — | 76 | — | — | — | — | — | — | — | 11 |
| 5·7 | 6·1 | 6·2 | 6·0 | 1·7 | 1·4 | 2·0 | 1·7 | — | — | — | — | — | 60 | 3 | 7 | 1 | — | 3 | 3 | 3 | 4 |
| 5·3 | 5·7 | 4·8 | 5·3 | 0·1 | 0·4 | 0·4 | 0·3 | — | — | — | — | — | 92 | — | — | — | — | — | — | — | 1 |
| 8·5 | 10·0 | 8·6 | 9·0 | 1·5 | 1·1 | 1·8 | 1·5 | — | — | — | — | — | 82 | — | — | — | — | — | — | 2 | — |
| 8·5 | 10·2 | 8·1 | 8·9 | 2·1 | 1·7 | 2·2 | 2·0 | — | — | — | — | — | 81 | — | — | — | — | — | — | — | 12 |
| 10·2 | 11·4 | 9·4 | 10·3 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 90 | — | — | — | — | — | — | — | — |
| 10·4 | 9·8 | 11·2 | 10·5 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 86 | — | — | — | — | — | — | — | 4 |
| 10·7 | 9·9 | 11·0 | 10·5 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 92 | — | — | — | — | — | — | — | 1 |
| 9·7 | 10·1 | 9·0 | 9·6 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 90 | — | — | — | — | — | — | — | — |
| 9·1 | 10·2 | 8·5 | 9·3 | 0·5 | 0·5 | 1·0 | 0·7 | — | — | — | — | — | 93 | — | — | — | — | — | — | — | — |
| 7·5 | 8·1 | 7·9 | 7·8 | 1·8 | 1·3 | 2·2 | 1·8 | — | — | — | — | — | 90 | — | — | — | — | — | — | — | — |
| 6·7 | 6·7 | 7·1 | 6·8 | 2·4 | 2·2 | 2·6 | 2·4 | — | — | — | — | — | 93 | — | — | — | — | — | — | — | — |
| 8·2 | 8·8 | 8·2 | 8·4 | 0·9 | 0·8 | 1·1 | 0·9 | — | — | — | — | — | 1025 | 3 | 7 | 1 | — | 3 | 3 | 5 | 33 |

## Summary of Meteorological Observations

φ = 28° 6′ N. λ = 30° 46′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | — | — | — | 9·4 | — | — | 12·4 | 18·7 | 6·2 | 21·0 | 11, 30 | 4·0 | 4, 5, 27 | 78 | — | — | — |
| February ... ... ... ... ... | — | — | — | 10·5 | — | — | 13·6 | 20·3 | 6·9 | 28·0 | 23 | 2·0 | 8 | 70 | — | — | — |
| March ... ... ... ... ... ... | — | — | — | 13·0 | — | — | 15·7 | 23·5 | 7·9 | 31·0 | 26, 27, 30 | 4·0 | Several dates | 72 | — | — | — |
| April ... ... ... ... ... ... | — | — | — | 20·1 | — | — | 23·0 | 31·4 | 14·7 | 41·1 | 16 | 10·1 | 5, 6 | 55 | — | — | — |
| May ... ... ... ... ... ... | — | — | — | 22·4 | — | — | 24·4 | 31·9 | 17·0 | 39·0 | 22 | 13·6 | 8 | 61 | — | — | — |
| June ... ... ... ... ... ... | — | — | — | 23·5 | — | — | 26·5 | 34·5 | 18·5 | 38·5 | 29 | 15·1 | 1, 2 | 62 | — | — | — |
| July ... ... ... ... ... ... | — | — | — | 24·7 | — | — | 27·4 | 35·8 | 19·0 | 41·1 | 19 | 17·1 | 6 | 61 | — | — | — |
| August ... ... ... ... ... ... | — | — | — | 25·4 | — | — | 27·6 | 35·7 | 19·6 | 38·5 | 2 | 17·6 | 5, 7 | 63 | — | — | — |
| September ... ... ... ... ... | — | — | — | 24·2 | — | — | 25·8 | 32·4 | 19·3 | 37·0 | 15, 24 | 16·1 | 29 | 72 | — | — | — |
| October... ... ... ... ... ... | — | — | — | 21·2 | — | — | 23·2 | 29·7 | 16·6 | 34·0 | 17 | 13·1 | 26, 27, 28 | 74 | — | — | — |
| November ... ... ... ... ... | — | — | — | 15·7 | — | — | 17·2 | 23·4 | 11·0 | 26·0 | 1, 2, 15 | 8·0 | 26, 27 | 76 | — | — | — |
| December ... ... ... ... ... | — | — | — | 10·4 | — | — | 12·7 | 19·0 | 6·4 | 24·1 | 2 | 2·8 | 24, 25, 26 | 73 | — | — | — |
| Year ... ... ... | — | — | — | 18·4 | — | — | 20·8 | 28·0 | 13·6 | — | — | — | — | 68 | — | — | — |

## Summary of Meteorological Observations

φ = 27° 11′ N. λ = 31° 13′ E. of Greenwich.

| Month | Standard 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 | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 760·56 | 765·9 | 755·8 | 9·9 | 18·3 | 12·2 | 11·7 | 19·4 | 6·4 | 23·0 | 21 | 4·5 | 3, 4 | 73 | 41 | 67 | 70 |
| February ... ... ... ... ... | 58·81 | 63·8 | 52·1 | 10·9 | 19·6 | 13·2 | 12·7 | 20·6 | 7·1 | 27·0 | 23 | 3·5 | 4 | 66 | 37 | 58 | 62 |
| March ... ... ... ... ... ... | 57·94 | 63·6 | 50·7 | 12·3 | 22·8 | 16·9 | 15·1 | 24·1 | 8·3 | 34·0 | 30 | 2·0 | 5 | 66 | 29 | 47 | 56 |
| April ... ... ... ... ... ... | 53·77 | 59·3 | 49·0 | 21·2 | 31·0 | 25·1 | 23·2 | 32·0 | 15·6 | 39·0 | 17 | 10·0 | 5 | 53 | 32 | 41 | 47 |
| May ... ... ... ... ... ... | 53·84 | 57·8 | 49·7 | 24·3 | 30·7 | 26·3 | 24·9 | 31·4 | 18·3 | 38·0 | 22 | 15·0 | 17 | 50 | 30 | 38 | 44 |
| June ... ... ... ... ... ... | 53·09 | 56·0 | 50·5 | 24·8 | 33·6 | 30·2 | 27·2 | 34·3 | 20·0 | 39·0 | 29 | 15·0 | 6 | 51 | 29 | 33 | 42 |
| July ... ... ... ... ... ... | 51·86 | 55·3 | 49·1 | 26·6 | 35·5 | 31·7 | 29·0 | 36·2 | 22·0 | 42·5 | 18 | 20·0 | 3, 6, 7 | 54 | 33 | 38 | 46 |
| August ... ... ... ... ... ... | 51·98 | 55·6 | 44·5 | 27·2 | 34·9 | 31·0 | 29·0 | 35·5 | 22·8 | 39·0 | 16, 17 | 21·0 | 2 | 60 | 38 | 46 | 53 |
| September ... ... ... ... ... | 53·66 | 57·4 | 50·0 | 25·3 | 33·4 | 30·0 | 27·5 | 34·0 | 21·3 | 38·5 | 15, 19 | 19·0 | 28, 29 | 68 | 42 | 48 | 58 |
| October... ... ... ... ... ... | 56·30 | 59·6 | 52·9 | 22·0 | 28·6 | 25·4 | 23·1 | 29·3 | 16·5 | 32·5 | 9, 17 | 11·5 | 28 | 74 | 53 | 57 | 66 |
| November ... ... ... ... ... | 58·47 | 61·9 | 55·6 | 15·6 | 23·0 | 19·4 | 17·1 | 23·7 | 10·3 | 27·5 | 9 | 7·0 | 26, 27 | 69 | 40 | 48 | 58 |
| December ... ... ... ... ... | 60·88 | 68·4 | 53·8 | 10·4 | 18·7 | 13·7 | 12·4 | 19·4 | 6·8 | 25·5 | 2 | 3·0 | 29 | 73 | 40 | 54 | 64 |
| Year ... ... ... | 755·93 | — | — | 19·2 | 27·5 | 22·9 | 21·1 | 28·3 | 14·6 | — | — | — | — | 63 | 37 | 48 | 56 |

## at MINIA for the year 1913.

H = 43·0 m. $h_t$ = 1·8 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·8 | — | — | — | 1·6 | — | — | — | — | — | — | — | — | 15·5 | 1 | 4 | — | — | 1 | 1 | 7·5 | 1 |
| 6·6 | — | — | — | 2·0 | — | — | — | — | — | — | — | — | 6 | 3 | 10·5 | 1 | — | 1·5 | 3 | 3 | — |
| 8·0 | — | — | — | 1·6 | — | — | — | — | — | — | — | — | 17 | 4 | 2 | 1 | — | — | 3·5 | 3·5 | — |
| 9·7 | — | — | — | 2·5 | — | — | — | — | — | — | — | — | 14 | 4·5 | 4 | 2·5 | — | 2 | 2 | 1 | — |
| 12·2 | — | — | — | 1·5 | — | — | — | — | — | — | — | — | 13 | 7 | 3·5 | 0·5 | — | 2·5 | 2·5 | 2 | — |
| 13·4 | — | — | — | 0·0 | — | — | — | — | — | — | — | — | 27·5 | 2·5 | — | — | — | — | — | — | — |
| 14·2 | — | — | — | 0·3 | — | — | — | — | — | — | — | — | 27 | 3 | — | — | — | — | — | 1 | — |
| 15·1 | — | — | — | 0·0 | — | — | — | — | — | — | — | — | 30 | 0·5 | — | — | — | — | — | 0·5 | — |
| 16·0 | — | — | — | 0·3 | — | — | — | — | — | — | — | — | 24·5 | 3·5 | — | — | — | — | — | 2 | — |
| 13·9 | — | — | — | 0·9 | — | — | — | — | — | — | — | — | 14·5 | 3 | 1 | — | — | 1 | 8 | 3·5 | — |
| 10·1 | — | — | — | 0·9 | — | — | — | — | — | — | — | — | 17·5 | 2 | — | — | 1 | 1 | 5 | 3·5 | — |
| 6·8 | — | — | — | 2·9 | — | — | — | — | — | — | — | — | 4·5 | 2·5 | 4·5 | 2·5 | 7 | 1 | 5 | 4 | — |
| 11·1 | — | — | — | 1·2 | — | — | — | — | — | — | — | — | 211 | 36·5 | 29·5 | 7·5 | 8 | 10 | 30 | 31·5 | 1 |

## at ASSIUT for the year 1913.

H = 55·4 m. $h_t$ = 2·0 m. $C_h$ = + 5 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·7 | 6·3 | 7·1 | 6·7 | 0·1 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 21 | 3 | — | — | — | — | 2 | 67 | — |
| 6·4 | 6·2 | 6·7 | 6·4 | 0·1 | 0·1 | 0·1 | 0·1 | — | — | — | — | — | 25·5 | 2 | — | 0·5 | 1 | 0·5 | 4 | 50·5 | — |
| 7·1 | 5·9 | 6·8 | 6·6 | 0·1 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 39 | 3 | — | 0·5 | 0·5 | — | 2 | 48 | — |
| 9·9 | 10·6 | 9·5 | 10·0 | 0·0 | 0·1 | 0·1 | 0·1 | — | — | — | — | — | 28 | 2 | 0·5 | 6 | 0·5 | 1·5 | 3·5 | 48 | — |
| 11·1 | 9·8 | 9·6 | 10·2 | 0·1 | 0·1 | 0·2 | 0·1 | — | — | — | — | — | 32 | 3 | — | 1·5 | 1·5 | 1·5 | 1 | 52·5 | — |
| 12·0 | 11·2 | 10·5 | 11·2 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 39·5 | 7·5 | — | — | — | — | — | 43 | — |
| 13·9 | 14·0 | 13·0 | 13·6 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 39 | 4·5 | — | — | — | — | 0·5 | 49 | — |
| 15·9 | 15·7 | 15·3 | 15·6 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 39·5 | 2·5 | — | — | — | — | 0·5 | 50·5 | — |
| 16·3 | 15·9 | 14·9 | 15·7 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 41·5 | 1·5 | — | — | — | — | — | 47 | — |
| 14·8 | 15·7 | 13·9 | 14·8 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 28 | 0·5 | — | — | — | — | 3 | 61·5 | — |
| 9·1 | 8·5 | 8·1 | 8·6 | 0·1 | 0·1 | 0·0 | 0·1 | — | — | — | — | — | 23·5 | 0·5 | — | — | — | — | 0·5 | 65·5 | — |
| 6·9 | 6·4 | 6·2 | 6·5 | 0·1 | 0·1 | 0·1 | 0·1 | — | — | — | — | — | 27 | 2 | — | — | 0·5 | 2 | 1·5 | 60 | — |
| 10·8 | 10·5 | 10·1 | 10·5 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 383·5 | 32 | 0·5 | 8·5 | 4 | 5·5 | 18·5 | 642·5 | — |

## Summary of Meteorological Observations

φ = 25° 18′ N. λ = 32° 34′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | — | — | — | 11·6 | 20·4 | 12·0 | 12·6 | 20·8 | 6·2 | 24·2 | 22 | 3·2 | 4 | 62 | 29 | 58 | 60 |
| February ... ... ... ... ... | — | — | — | 13·4 | 21·6 | 13·4 | 13·6 | 21·9 | 5·9 | 28·9 | 23 | 4·0 | 6, 12, 19 | 53 | 27 | 53 | 53 |
| March ... ... ... ... ... ... | — | — | — | 16·4 | 25·6 | 16·3 | 16·6 | 25·9 | 8·2 | 35·0 | 30 | 2·5 | 5 | 40 | 25 | 41 | 40 |
| April ... ... ... ... ... ... | — | — | — | 25·1 | 34·3 | 24·7 | 24·7 | 34·9 | 14·6 | 41·8 | 20 | 10·0 | 12 | 26 | 12 | 27 | 26 |
| May ... ... ... ... ... ... | — | — | — | 27·5 | 34·2 | 27·1 | 26·6 | 35·1 | 17·8 | 41·9 | 23 | 13·0 | 10 | 25 | 15 | 23 | 24 |
| June ... ... ... ... ... ... | — | — | — | 27·9 | 35·5 | 27·3 | 27·8 | 36·4 | 20·7 | 41·0 | 22, 23 | 14·5 | 2 | 30 | 16 | 27 | 28 |
| July ... ... ... ... ... ... | — | — | — | 29·7 | 37·2 | 29·8 | 29·7 | 38·3 | 22·0 | 44·8 | 13 | 17·0 | 2 | 28 | 13 | 23 | 26 |
| August ... ... ... ... ... ... | — | — | — | 29·9 | 37·7 | 30·2 | 29·9 | 38·3 | 21·9 | 42·0 | 11 | 17·0 | 15 | 30 | 13 | 26 | 28 |
| September ... ... ... ... ... | — | — | — | 27·8 | 36·4 | 27·7 | 28·5 | 37·1 | 22·2 | 40·0 | 14, 15 | 17·0 | 19 | 30 | 16 | 36 | 36 |
| October ... ... ... ... ... | — | — | — | 24·2 | 32·2 | 23·8 | 24·5 | 32·8 | 17·9 | 37·7 | 8 | 12·5 | 23 | 41 | 19 | 43 | 42 |
| November ... ... ... ... ... | — | — | — | 17·8 | 25·4 | 17·5 | 18·2 | 26·0 | 12·2 | 30·3 | 15 | 6·5 | 29 | 54 | 30 | 51 | 52 |
| December ... ... ... ... ... | — | — | — | 12·0 | 21·5 | 12·1 | 12·9 | 22·0 | 6·0 | 29·6 | 2 | 3·0 | 19, 29 | 59 | 32 | 63 | 61 |
| Year ... ... ... | — | — | — | 21·9 | 30·2 | 21·8 | 22·1 | 30·8 | 14·6 | — | — | — | — | 40 | 21 | 39 | 40 |

## Summary of Meteorological Observations

φ = 24° 2′ N. λ = 32° 53′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 755·16 | 760·1 | 751·1 | 11·4 | 20·5 | 15·5 | 14·1 | 22·9 | 8·9 | 28·0 | 6 | 6·5 | 3 | 52 | 28 | 24 | 38 |
| February ... ... ... ... ... | 53·66 | 57·0 | 49·3 | 12·2 | 21·4 | 16·5 | 15·0 | 23·7 | 9·8 | 30·2 | 23 | 7·0 | 19 | 55 | 28 | 25 | 40 |
| March ... ... ... ... ... ... | 52·59 | 57·6 | 47·5 | 15·7 | 25·4 | 20·4 | 18·4 | 27·9 | 12·0 | 36·3 | 30 | 6·0 | 7 | 44 | 24 | 18 | 31 |
| April ... ... ... ... ... ... | 48·98 | 53·4 | 43·9 | 23·5 | 34·4 | 28·9 | 26·1 | 36·9 | 17·7 | 44·0 | 20 | 13·4 | 26 | 32 | 20 | 14 | 23 |
| May ... ... ... ... ... ... | 48·57 | 52·4 | 44·2 | 26·0 | 34·3 | 29·6 | 27·5 | 37·0 | 20·0 | 43·2 | 23 | 16·5 | 18 | 28 | 16 | 14 | 21 |
| June ... ... ... ... ... ... | 47·47 | 50·8 | 44·4 | 27·6 | 37·9 | 33·0 | 30·1 | 40·2 | 22·0 | 46·4 | 21 | 17·2 | 2, 3 | 26 | 13 | 10 | 18 |
| July ... ... ... ... ... ... | 46·34 | 48·9 | 43·5 | 29·1 | 39·4 | 34·7 | 31·9 | 41·6 | 24·3 | 46·4 | 14 | 22·0 | 30 | 27 | 14 | 11 | 19 |
| August ... ... ... ... ... ... | 46·99 | 49·8 | 44·5 | 28·7 | 38·3 | 33·8 | 31·0 | 40·5 | 23·0 | 45·0 | 24 | 21·5 | 7 | 25 | 15 | 10 | 18 |
| September ... ... ... ... ... | 47·67 | 51·8 | 43·5 | 28·9 | 38·4 | 33·9 | 31·0 | 40·6 | 22·6 | 44·2 | 15, 20, 21 | 18·8 | 30 | 25 | 14 | 12 | 18 |
| October ... ... ... ... ... ... | 50·59 | 54·1 | 46·7 | 25·2 | 34·7 | 29·4 | 27·2 | 35·4 | 19·4 | 41·7 | 10 | 14·0 | 26 | 29 | 15 | 20 | 24 |
| November ... ... ... ... ... | 52·85 | 56·8 | 49·9 | 17·8 | 26·5 | 22·2 | 20·0 | 27·8 | 13·5 | 32·2 | 15 | 10·2 | 28, 29 | 43 | 25 | 24 | 34 |
| December ... ... ... ... ... | 54·87 | 61·8 | 50·2 | 12·3 | 21·3 | 17·0 | 15·0 | 23·3 | 9·3 | 30·2 | 1 | 6·5 | 18 | 43 | 26 | 22 | 32 |
| Year ... ... ... | 750·48 | — | — | 21·5 | 31·0 | 26·2 | 23·9 | 33·2 | 16·9 | — | — | — | — | 36 | 20 | 17 | 26 |

## at ESNA for the year 1913.

H = 82·0 m. $h_t$ = 1·6 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·3 | 5·1 | 6·1 | 5·8 | 0·9 | 1·1 | 0·8 | 0·9 | — | — | — | — | — | 67 | 14 | 1 | — | — | — | — | 11 | — |
| 6·0 | 5·2 | 6·0 | 5·7 | 1·4 | 1·5 | 1·6 | 1·5 | — | — | — | — | — | 55·5 | 21 | 2 | 2 | 2 | — | — | 1·5 | — |
| 5·5 | 6·1 | 5·6 | 5·7 | 0·6 | 0·6 | 0·7 | 0·6 | — | — | — | — | — | 51 | 10 | 1 | 8 | — | — | — | 20 | 3 |
| 6·1 | 4·9 | 6·2 | 5·7 | 0·6 | 1·0 | 0·8 | 0·8 | — | — | — | — | — | 43 | 7 | 1 | 7·5 | 8·5 | 1 | — | 19 | 3 |
| 6·9 | 6·2 | 6·0 | 6·4 | 0·6 | 0·8 | 0·8 | 0·7 | — | — | — | — | — | 48 | 7·5 | — | 2 | — | — | — | 34·5 | 1 |
| 8·4 | 7·0 | 7·1 | 7·5 | 0·1 | 0·2 | 0·1 | 0·1 | — | — | — | — | — | 72 | — | — | — | — | — | — | 17 | 1 |
| 8·5 | 6·4 | 7·2 | 7·4 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 51·5 | 2·5 | — | — | — | 1 | — | 32 | 6 |
| 9·3 | 6·5 | 8·2 | 8·0 | 0·0 | 0·0 | 0·1 | 0·0 | — | — | — | — | — | 62·5 | 7 | — | — | — | 1 | — | 21·5 | 1 |
| 10·0 | 7·3 | 9·9 | 9·1 | 0·0 | 0·0 | 0·1 | 0·0 | — | — | — | — | — | 60 | 8 | — | — | — | — | — | 18 | 4 |
| 9·1 | 7·1 | 9·5 | 8·6 | 0·4 | 0·4 | 0·4 | 0·4 | — | — | — | — | — | 63 | 0·5 | — | — | — | — | — | 29·5 | — |
| 8·1 | 7·2 | 7·5 | 7·6 | 0·9 | 1·1 | 1·1 | 1·0 | — | — | — | — | — | 35·5 | — | — | 2 | — | — | — | 52·5 | — |
| 6·2 | 6·0 | 6·6 | 6·3 | 0·5 | 0·6 | 0·6 | 0·6 | — | — | — | — | — | 46·5 | 7 | — | — | 2 | 3 | — | 34·5 | — |
| 7·5 | 6·2 | 7·2 | 7·0 | 0·5 | 0·6 | 0·6 | 0·6 | — | — | — | — | — | 655·5 | 84·5 | 5 | 21·5 | 12·5 | 6 | — | 291 | 19 |

## at ASWAN for the year 1913.

H = 99·6 m. $h_t$ = 1·3 m. $C_h$ = + 9 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 5·2 | 4·9 | 3·1 | 4·4 | 1·1 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | 53·5 | 6 | — | 1 | — | — | — | 32·5 | — |
| 5·9 | 5·1 | 3·5 | 4·8 | 1·3 | 1·3 | 1·1 | 1·2 | — | — | — | — | — | 52·5 | 4 | — | — | — | 1 | 1 | 25·5 | — |
| 6·0 | 5·7 | 3·2 | 5·0 | 0·4 | 0·4 | 0·4 | 0·4 | — | — | — | — | — | 46·5 | 4·5 | 1 | — | 1·5 | 0·5 | 1 | 38 | — |
| 6·7 | 7·8 | 3·9 | 6·1 | 0·5 | 0·5 | 0·8 | 0·6 | — | — | — | — | — | 44 | 6 | — | 1 | 2 | 5 | — | 32 | — |
| 6·9 | 6·2 | 4·1 | 5·7 | 0·6 | 0·6 | 0·6 | 0·6 | — | — | — | — | — | 48 | 4 | — | 1 | — | 2 | 1 | 37 | — |
| 7·0 | 6·6 | 3·7 | 5·8 | 0·2 | 0·2 | 0·1 | 0·2 | — | — | — | — | — | 53 | 2 | 1 | — | — | — | — | 34 | — |
| 7·9 | 7·6 | 4·6 | 6·7 | 0·2 | 0·1 | 0·1 | 0·1 | — | — | — | — | — | 48·5 | 4 | — | 1 | 1 | — | 0·5 | 38 | — |
| 7·3 | 7·7 | 3·8 | 6·3 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 46·5 | 1·5 | 0·5 | 1 | — | 1 | 3·5 | 39 | — |
| 7·5 | 7·3 | 4·6 | 6·5 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 49·5 | 9 | — | — | — | 2 | 1 | 28·5 | — |
| 7·0 | 6·1 | 6·2 | 6·4 | 0·1 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 59·5 | 20 | — | 1 | 1 | 1 | 1 | 9·5 | — |
| 6·4 | 6·5 | 4·8 | 5·9 | 1·2 | 1·6 | 1·2 | 1·3 | — | — | — | — | — | 53·5 | 4·5 | — | — | — | 1 | — | 31 | — |
| 4·7 | 5·0 | 3·1 | 4·3 | 1·7 | 0·9 | 1·1 | 1·2 | — | — | — | — | — | 44·5 | 8 | — | — | — | 3 | 2 | 35·5 | — |
| 6·5 | 6·4 | 4·0 | 5·7 | 0·6 | 0·6 | 0·5 | 0·6 | — | — | — | — | — | 599·5 | 55·5 | 2·5 | 6 | 5·5 | 16·5 | 11 | 380·5 | — |

## Summary of Meteorological Observations

φ = 21° 55′ N. λ = 31° 19′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 752·55 | 757·6 | 746·9 | 11·0 | 22·0 | 16·4 | 14·2 | 23·3 | 7·3 | 28·0 | 6 | 3·3 | 17 | 57 | 29 | 42 | 50 |
| February ... ... ... ... ... | 51·49 | 55·2 | 44·5 | 12·6 | 22·7 | 17·5 | 15·2 | 23·8 | 8·1 | 33·4 | 23 | 3·8 | 1 | 55 | 28 | 41 | 48 |
| March ... ... ... ... ... ... | 50·47 | 56·4 | 45·2 | 15·4 | 26·4 | 20·7 | 18·2 | 28·1 | 10·4 | 38·0 | 30 | 5·8 | 7 | 37 | 18 | 27 | 32 |
| April ... ... ... ... ... ... | 46·30 | 50·5 | 40·8 | 25·1 | 35·7 | 29·2 | 27·0 | 37·4 | 18·0 | 45·2 | 20 | 10·0 | 7 | 29 | 15 | 23 | 26 |
| May ... ... ... ... ... ... | 46·37 | 50·1 | 41·3 | 27·4 | 36·1 | 30·5 | 28·7 | 37·5 | 20·9 | 44·1 | 4 | 15·0 | 18 | 29 | 17 | 24 | 26 |
| June ... ... ... ... ... ... | 45·91 | 49·4 | 43·7 | 27·5 | 37·4 | 31·6 | 29·3 | 38·7 | 20·6 | 44·6 | 23 | 13·6 | 3 | 26 | 14 | 21 | 24 |
| July ... ... ... ... ... ... | 44·79 | 47·3 | 42·0 | 29·3 | 39·2 | 33·8 | 31·4 | 40·6 | 23·3 | 46·6 | 14 | 18·8 | 27 | 27 | 16 | 22 | 24 |
| August ... ... ... ... ... ... | 45·34 | 48·2 | 42·9 | 28·5 | 39·1 | 33·2 | 30·9 | 40·3 | 22·7 | 43·7 | 25 | 20·0 | 11 | 28 | 13 | 22 | 25 |
| September ... ... ... ... ... | 46·05 | 49·4 | 43·0 | 28·2 | 38·6 | 32·5 | 30·8 | 39·9 | 24·0 | 45·2 | 15 | 18·2 | 18 | 32 | 16 | 24 | 28 |
| October... ... ... ... ... ... | 48·38 | 53·0 | 44·7 | 23·6 | 34·4 | 27·7 | 26·3 | 35·5 | 19·6 | 41·4 | 10 | 12·0 | 30 | 40 | 19 | 30 | 35 |
| November ... ... ... ... ... | 50·88 | 54·0 | 47·9 | 16·0 | 26·4 | 20·7 | 18·9 | 27·4 | 12·5 | 33·0 | 15 | 5·2 | 29 | 50 | 25 | 34 | 42 |
| December ... ... ... ... ... | 53·39 | 60·1 | 46·9 | 11·1 | 22·4 | 16·3 | 14·1 | 22·8 | 6·5 | 35·0 | 2 | 3·2 | 16 | 56 | 27 | 41 | 48 |
| Year ... ... ... | 748·49 | — | — | 21·3 | 31·7 | 25·8 | 23·8 | 32·9 | 16·2 | — | — | — | — | 39 | 20 | 29 | 34 |

## Summary of Meteorological Observations

φ = 18° 29′ N. λ = 31° 50′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 739·86 | 745·1 | 735·9 | 15·3 | 27·0 | 20·7 | 18·6 | 28·4 | 11·4 | 32·5 | 6 | 8·0 | 3 | 35 | 20 | 27 | 31 |
| February ... ... ... ... ... | 38·55 | 42·0 | 30·2 | 15·8 | 28·2 | 21·1 | 19·2 | 29·2 | 11·9 | 36·8 | 24 | 8·0 | 20 | 33 | 13 | 21 | 27 |
| March ... ... ... ... ... ... | 37·88 | 43·5 | 32·6 | 18·9 | 30·2 | 24·2 | 21·6 | 31·4 | 13·3 | 39·8 | 3 | 8·0 | 7 | 18 | 8 | 11 | 14 |
| April ... ... ... ... ... ... | 34·02 | 38·1 | 29·4 | 27·9 | 38·8 | 31·2 | 29·6 | 40·0 | 20·6 | 43·8 | 19 | 13·5 | 13 | 13 | 5 | 9 | 11 |
| May ... ... ... ... ... ... | 34·42 | 38·9 | 30·5 | 30·8 | 39·2 | 32·7 | 31·4 | 40·8 | 22·8 | 46·0 | 24 | 17·5 | 18 | 10 | 5 | 10 | 10 |
| June ... ... ... ... ... ... | 34·58 | 38·3 | 31·3 | 31·6 | 39·9 | 33·6 | 32·4 | 41·0 | 24·6 | 47·4 | 28 | 20·0 | 1, 2 | 11 | 6 | 9 | 10 |
| July ... ... ... ... ... ... | 33·86 | 37·5 | 31·1 | 32·2 | 40·8 | 35·1 | 33·4 | 42·2 | 25·7 | 46·5 | 5 | 21·0 | 28 | 16 | 8 | 12 | 14 |
| August ... ... ... ... ... ... | 34·11 | 37·7 | 31·2 | 31·7 | 40·5 | 35·1 | 33·4 | 41·6 | 26·2 | 45·6 | 25 | 20·5 | 3 | 25 | 11 | 17 | 21 |
| September ... ... ... ... ... | 34·03 | 36·6 | 30·9 | 32·8 | 42·2 | 35·5 | 34·6 | 43·6 | 27·8 | 45·8 | 23 | 25·2 | 3, 19, 28 | 21 | 10 | 17 | 19 |
| October... ... ... ... ... ... | 36·17 | 40·5 | 32·4 | 28·9 | 38·8 | 31·5 | 30·6 | 39·8 | 23·1 | 43·8 | 9, 12 | 16·3 | 30 | 20 | 9 | 14 | 17 |
| November ... ... ... ... ... | 38·38 | 41·3 | 34·6 | 20·8 | 31·8 | 25·1 | 23·4 | 32·6 | 16·0 | 36·0 | 18 | 12·0 | 25 | 32 | 17 | 22 | 27 |
| December ... ... ... ... ... | 40·81 | 46·8 | 34·4 | 15·9 | 27·1 | 20·3 | 18·7 | 27·5 | 11·6 | 39·2 | 2 | 6·8 | 20 | 36 | 16 | 26 | 31 |
| Year ... ... ... | 736·39 | — | — | 25·2 | 35·4 | 28·8 | 27·2 | 36·5 | 19·6 | — | — | — | — | 22 | 11 | 16 | 19 |

## at WADI HALFA for the year 1913.

H = 128·3 m. $h_t$ = 1·7 m. $C_h$ = + 11 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 5·6 | 5·7 | 5·8 | 5·7 | 0·6 | 1·5 | 0·2 | 0·8 | — | — | — | — | — | 80 | 8 | 1·5 | 0·5 | 0·5 | — | — | 2·5 | — |
| 5·9 | 5·4 | 5·9 | 5·7 | 2·0 | 2·5 | 1·8 | 2·1 | — | — | — | — | — | 72·5 | 4 | 2 | 1 | 4 | — | — | 0·5 | — |
| 4·7 | 4·7 | 4·8 | 4·7 | 0·5 | 1·2 | 0·2 | 0·6 | — | — | — | — | — | 76·5 | 9 | 2·5 | — | — | 1·5 | 0·5 | 3 | — |
| 6·9 | 6·6 | 6·9 | 6·8 | 1·1 | 1·1 | 0·9 | 1·0 | — | — | — | — | — | 62 | 7·5 | 6·5 | 4 | 4·5 | 1·5 | 1·5 | 1·5 | 1 |
| 7·6 | 7·7 | 7·9 | 7·7 | 1·1 | 1·5 | 0·9 | 1·2 | — | — | — | — | — | 56 | 17·5 | 4 | 1 | 1·5 | 1 | 3·5 | 5·5 | 3 |
| 7·2 | 6·7 | 7·5 | 7·1 | 0·4 | 1·2 | 0·2 | 0·6 | — | — | — | — | — | 57·5 | 19·5 | 0·5 | — | — | — | — | 12·5 | — |
| 8·2 | 8·5 | 8·7 | 8·5 | 0·4 | 0·5 | 0·1 | 0·3 | — | — | — | — | — | 43 | 22 | 2·5 | 1 | 1 | 2 | 4·5 | 17 | — |
| 8·2 | 6·6 | 8·2 | 7·7 | 0·8 | 0·6 | 0·0 | 0·5 | — | — | — | — | — | 55·5 | 23 | 0·5 | 0·5 | 2 | 2 | 3·5 | 6 | — |
| 9·1 | 8·2 | 8·7 | 8·7 | 3·3 | 3·0 | 1·1 | 2·5 | — | — | — | — | — | 65·5 | 14·5 | 1 | — | 2·5 | 1·5 | 1 | 4 | — |
| 8·6 | 7·9 | 8·4 | 8·3 | 0·8 | 0·5 | 0·2 | 0·5 | — | — | — | — | — | 85 | 7·5 | — | — | — | — | — | 0·5 | — |
| 6·8 | 6·3 | 6·2 | 6·4 | 0·5 | 0·9 | 0·2 | 0·5 | — | — | — | — | — | 82 | 4·5 | 1 | — | — | — | — | 2·5 | — |
| 5·5 | 5·4 | 5·8 | 5·6 | 0·7 | 1·0 | 0·3 | 0·7 | — | — | — | — | — | 65·5 | 14 | 2 | 4·5 | 3 | 1·5 | — | 2·5 | — |
| 7·0 | 6·6 | 7·1 | 6·9 | 1·0 | 1·3 | 0·5 | 0·9 | — | — | — | — | — | 801 | 151 | 24 | 12·5 | 19 | 11 | 14·5 | 58 | 4 |

## at MEROWE for the year 1913.

H = 255·1 m. $h_t$ = 1·5 m. $C_h$ + 22 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 4·5 | 5·3 | 4·9 | 4·9 | 0·7 | 0·9 | 0·3 | 0·6 | — | — | — | — | — | 38 | 16 | 0·5 | — | — | 4 | 6·5 | 28 | — |
| 4·4 | 3·5 | 3·9 | 3·9 | 1·8 | 1·4 | 0·7 | 1·3 | — | — | — | — | — | 43·5 | 10·5 | — | — | — | 7 | 7 | 16 | — |
| 2·8 | 2·4 | 2·4 | 2·5 | 0·5 | 0·9 | 0·3 | 0·6 | — | — | — | — | — | 48 | 4·5 | — | — | — | 4 | 8 | 25·5 | 2 |
| 3·8 | 2·8 | 3·3 | 3·3 | 0·2 | 0·8 | 0·7 | 0·6 | — | — | — | — | — | 31·5 | 11 | 2 | 2·5 | 1·5 | 10·5 | 8 | 23 | — |
| 3·4 | 2·7 | 3·5 | 3·2 | 0·1 | 0·1 | 0·0 | 0·1 | — | — | — | — | — | 32 | 8 | 2 | 3·5 | 1 | 6·5 | 10 | 29 | 1 |
| 3·7 | 3·2 | 3·7 | 3·5 | 1·5 | 1·2 | 0·9 | 1·2 | — | — | — | — | — | 27 | 3 | — | — | 1·5 | 13 | 14·5 | 31 | — |
| 5·9 | 4·6 | 5·0 | 5·2 | 1·3 | 1·1 | 1·0 | 1·1 | — | — | — | — | — | 13 | 2·5 | — | — | 6 | 36·5 | 14 | 21 | — |
| 8·5 | 6·4 | 7·0 | 7·3 | 1·8 | 1·9 | 1·7 | 1·8 | — | — | — | — | — | 16 | 2·5 | — | — | 4·5 | 43·5 | 7·5 | 17 | 2 |
| 7·8 | 6·1 | 7·3 | 7·1 | 2·7 | 2·8 | 3·0 | 2·8 | — | — | — | — | — | 19·5 | 6·5 | 5·5 | 1 | 3·5 | 26 | 11·5 | 16·5 | — |
| 5·6 | 4·8 | 5·1 | 5·2 | 1·0 | 1·0 | 0·6 | 0·9 | — | — | — | — | — | 35 | 18·5 | 2·5 | 1 | — | 11 | 6·5 | 18·5 | — |
| 5·8 | 6·1 | 5·3 | 5·7 | 1·0 | 1·1 | 0·8 | 1·0 | — | — | — | — | — | 42·5 | 3·5 | 1 | 0·5 | 0·5 | 3·5 | 6·5 | 31 | — |
| 5·0 | 4·7 | 4·8 | 4·8 | 0·9 | 1·3 | 0·2 | 0·8 | — | — | — | — | — | 52·5 | 13·5 | 1 | — | — | 2 | 1 | 23 | — |
| 5·1 | 4·4 | 4·7 | 4·7 | 1·1 | 1·2 | 0·8 | 1·1 | — | — | — | — | — | 378·5 | 100 | 14·5 | 8·5 | 18·5 | 167·5 | 101 | 279·5 | 5 |

## Summary of Meteorological Observations

$\varphi = 21° 6'$ N. $\lambda = 37° 8'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | — | — | — | 22·3 | 24·2 | 21·4 | 21·1 | 25·2 | 16·5 | 29·8 | 23 | 10·6 | 18 | 63 | 63 | 73 | 68 |
| February | — | — | — | 21·9 | 24·0 | 21·0 | 20·5 | 24·7 | 15·1 | 26·6 | 22 | 10·6 | 18 | 55 | 60 | 68 | 62 |
| March | — | — | — | 23·3 | 24·7 | 21·6 | 21·3 | 25·8 | 15·5 | 29·5 | 30 | 11·6 | 10 | 53 | 58 | 70 | 62 |
| April | — | — | — | 27·6 | 29·0 | 25·3 | 25·2 | 30·6 | 18·7 | 33·6 | 10 | 13·2 | 12 | 51 | 56 | 73 | 62 |
| May | — | — | — | 30·6 | 30·7 | 27·3 | 27·6 | 32·3 | 21·9 | 38·9 | 25 | 18·1 | 20 | 47 | 52 | 64 | 56 |
| June | — | — | — | 32·7 | 32·4 | 28·3 | 28·6 | 35·5 | 21·2 | 41·9 | 7 | 17·2 | 1 | 41 | 50 | 63 | 52 |
| July | — | — | — | 35·0 | 33·9 | 30·2 | 30·7 | 38·0 | 23·7 | 44·9 | 14 | 20·2 | 20 | 30 | 48 | 61 | 46 |
| August | — | — | — | 34·6 | 34·8 | 31·1 | 31·5 | 37·7 | 25·4 | 44·1 | 13 | 21·0 | 8 | 38 | 48 | 57 | 48 |
| September | — | — | — | 32·6 | 33·6 | 29·7 | 30·0 | 36·1 | 24·2 | 42·0 | 14 | 22·0 | 10, 16, 30 | 45 | 50 | 67 | 56 |
| October | — | — | — | 30·3 | 31·8 | 28·5 | 28·4 | 32·9 | 23·1 | 36·5 | 4 | 18·6 | 20 | 61 | 62 | 75 | 68 |
| November | — | — | — | 27·7 | 28·9 | 26·2 | 26·2 | 29·9 | 21·8 | 33·8 | 4 | 18·2 | 28 | 59 | 61 | 69 | 64 |
| December | — | — | — | 23·8 | 25·0 | 21·9 | 22·2 | 25·9 | 18·1 | 30·1 | 3 | 13·0 | 22 | 52 | 56 | 59 | 56 |
| Year | — | — | — | 28·5 | 29·4 | 26·0 | 26·1 | 31·2 | 20·4 | — | — | — | — | 50 | 55 | 67 | 58 |

## Summary of Meteorological Observations

$\varphi = 19° 37'$ N. $\lambda = 37° 13'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 761·25 | 765·7 | 757·4 | 22·9 | 25·1 | 23·3 | 22·8 | 26·5 | 19·8 | 29·5 | 7 | 17·0 | 2, 20 | 61 | 63 | 70 | 66 |
| February | 59·83 | 62·7 | 53·8 | 22·5 | 25·0 | 22·5 | 22·0 | 26·3 | 18·2 | 30·0 | 25 | 15·0 | Several dates | 57 | 57 | 66 | 62 |
| March | 59·31 | 63·2 | 55·5 | 23·6 | 26·1 | 23·1 | 22·7 | 27·1 | 18·1 | 30·0 | 31 | 14·5 | 8, 10 | 64 | 59 | 67 | 66 |
| April | 56·67 | 60·2 | 53·7 | 28·6 | 30·8 | 26·7 | 26·8 | 32·2 | 21·2 | 35·0 | 18 | 15·5 | 8 | 60 | 63 | 79 | 70 |
| May | 55·68 | 58·9 | 52·4 | 31·1 | 31·9 | 28·3 | 28·7 | 33·7 | 23·6 | 38·0 | 25 | 21·0 | 16 | 55 | 63 | 74 | 64 |
| June | 54·04 | 57·5 | 50·8 | 32·9 | 33·7 | 30·2 | 30·1 | 37·1 | 23·5 | 42·0 | 23 | 20·0 | 3 | 46 | 49 | 60 | 53 |
| July | 53·12 | 55·8 | 50·2 | 34·4 | 36·4 | 31·7 | 32·4 | 39·6 | 27·3 | 44·5 | 14 | 23·5 | 20 | 47 | 50 | 64 | 56 |
| August | 53·61 | 56·0 | 50·0 | 35·1 | 36·0 | 31·8 | 32·8 | 39·0 | 28·1 | 44·0 | 24 | 25·0 | 3 | 42 | 47 | 61 | 52 |
| September | 54·95 | 58·7 | 49·6 | 33·1 | 34·3 | 30·3 | 30·9 | 36·9 | 25·9 | 42·5 | 5 | 23·0 | 17, 18 | 54 | 54 | 74 | 64 |
| October | 58·06 | 60·8 | 54·5 | 30·7 | 32·1 | 29·3 | 29·3 | 33·9 | 25·2 | 36·0 | 15 | 22·7 | 15 | 65 | 62 | 72 | 68 |
| November | 59·06 | 61·1 | 54·5 | 27·6 | 29·8 | 27·6 | 27·2 | 31·2 | 23·6 | 33·4 | 1 | 21·0 | 27, 28 | 71 | 67 | 75 | 73 |
| December | 61·55 | 66·2 | 56·5 | 23·9 | 25·8 | 24·0 | 23·4 | 27·5 | 20·1 | 31·5 | 1, 2, 3 | 16·5 | 19, 20 | 56 | 60 | 62 | 59 |
| Year | 757·26 | — | — | 28·9 | 30·6 | 27·4 | 27·4 | 32·6 | 22·9 | — | — | — | — | 56 | 58 | 69 | 63 |

## at DONGONAB for the year 1913.

$H = 5{\cdot}0$ m. $h_t = 1{\cdot}6$ m. $h_r = 1{\cdot}3$ m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 12·6 | 14·1 | 13·8 | 13·5 | 3·0 | 1·5 | 1·7 | 2·1 | 0·0 | 0·0 | — | — | — | 28 | 20·5 | 3 | 2 | 1 | — | 1·5 | 33 | 4 |
| 10·8 | 13·1 | 12·6 | 12·2 | 2·1 | 1·7 | 1·2 | 1·7 | 0·0 | 0·0 | — | — | — | 23 | 19 | 0·5 | 3·5 | 1·5 | — | 1 | 29·5 | 6 |
| 11·2 | 13·5 | 13·3 | 12·7 | 1·2 | 1·1 | 0·5 | 0·9 | 0·7 | 0·5 | 27 | 2 | — | 40·5 | 19 | 2·5 | 5 | 2 | — | — | 15 | 9 |
| 13·9 | 16·6 | 17·4 | 16·0 | 0·9 | 0·4 | 0·4 | 0·6 | Drops | Drops | 20, 30 | — | — | 33·5 | 14·5 | 5 | 9·5 | 4 | — | — | 8·5 | 15 |
| 15·3 | 17·1 | 17·3 | 16·6 | 0·9 | 1·6 | 0·4 | 1·0 | 0.0 | 0·0 | — | — | — | 36 | 28 | 3 | 10 | 1·5 | — | — | 10·5 | 4 |
| 14·9 | 18·2 | 18·0 | 17·0 | 0·6 | 0·5 | 0·2 | 0·4 | 0·0 | 0·0 | — | — | — | 39·5 | 23·5 | 4·5 | 1 | — | — | 0·5 | 15 | 6 |
| 12·4 | 18·9 | 19·5 | 16·9 | 0·7 | 0·9 | 0·6 | 0·7 | 0·0 | 0·0 | — | — | — | 23·5 | 32·5 | 5 | 1 | 0·5 | 1·5 | 4 | 11 | 14 |
| 15·6 | 19·7 | 19·4 | 18·2 | 1·8 | 1·6 | 1·6 | 1·7 | 0·0 | 0·0 | — | — | — | 30 | 35·5 | 6·5 | 3 | — | 1 | — | 13 | 4 |
| 16·5 | 19·4 | 21·0 | 19·0 | 1·5 | 0·8 | 1·2 | 1·2 | Drops | Drops | 13 | — | — | 30 | 29·5 | 5·5 | 3·5 | 1·5 | 1·5 | — | 14·5 | 4 |
| 19·7 | 21·8 | 21·6 | 21·0 | 1·5 | 0·9 | 0·5 | 1·0 | Drops | Drops | 27 | — | — | 24·5 | 30·5 | 6 | 13 | 6·5 | 0·5 | 1 | 11 | — |
| 16·3 | 17·8 | 17·4 | 17·2 | 3·2 | 2·6 | 1·7 | 2·5 | 12·4 | 10·6 | 5 | 2 | 2 | 21·5 | 18·5 | 7 | 11·5 | 5·5 | 0·5 | 0·5 | 19 | 6 |
| 11·3 | 13·0 | 11·6 | 12·0 | 3·3 | 1·7 | 1·9 | 2·3 | 0·0 | 0·0 | — | — | — | 30·5 | 18 | 3 | 3·5 | 1 | — | 3 | 33 | 1 |
| 14·2 | 16·9 | 16·9 | 16·0 | 1·7 | 1·3 | 1.0 | 1·3 | 13·1 | — | — | 4 | 2 | 360·5 | 289 | 51·5 | 66·5 | 25 | 5 | 11·5 | 213 | 73 |

## at PORT SUDAN for the year 1913.

$H = 5{\cdot}9$ m. $h_t = 1{\cdot}6$ m. $h_r = 1{\cdot}1$ m. $C_h = +0{\cdot}5$ mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 12·8 | 14·9 | 14·9 | 14·2 | 4·4 | 2·8 | 3·2 | 3·5 | 5·0 | 5·0 | 21 | 1 | 1 | 22 | 43 | 1 | 1 | — | — | 2 | 17 | 7 |
| 11·6 | 13·5 | 13·5 | 12·9 | 5·0 | 2·1 | 2·2 | 3·1 | Drops | Drops | 15 | — | — | 21 | 36 | 3 | 3 | 2 | 1 | — | 7 | 11 |
| 14·0 | 14·9 | 14·3 | 14·4 | 1·4 | 1·0 | 1·1 | 1·2 | 1·0 | 1·0 | 28 | 1 | 1 | 18 | 52 | 2 | 1 | — | — | — | — | 20 |
| 17·7 | 21·0 | 20·7 | 19·8 | 0·2 | 0·2 | 0·0 | 0·1 | Drops | Drops | 25 | — | — | 4 | 59 | — | — | — | — | — | — | 27 |
| 18·1 | 22·0 | 21·3 | 20·5 | 0·4 | 0·2 | 0·1 | 0·2 | 0·0 | 0·0 | — | — | — | 28 | 38 | 3 | 1 | 2 | 5 | — | 3 | 13 |
| 16·8 | 19·0 | 18·9 | 18·2 | 0·4 | 0·3 | 0·1 | 0·3 | 0·0 | 0·0 | — | — | — | 7 | 67 | 2 | 7 | — | — | 2 | 3 | 2 |
| 18·9 | 21·9 | 22·1 | 21·0 | 0·8 | 1·3 | 0·3 | 0·8 | 2·0 | 2·0 | 22 | 1 | 1 | 6 | 57 | 5 | 7 | 2 | 5 | 6 | 5 | — |
| 17·2 | 20·2 | 21·1 | 19·5 | 1·1 | 0·7 | 0·5 | 0·8 | 0·0 | 0·0 | — | — | — | 2 | 65 | 4 | 7 | 2 | 3 | 4 | 3 | 3 |
| 19·8 | 21·7 | 23·6 | 21·7 | 1·4 | 0·5 | 0·2 | 0·7 | 0 0 | 0·0 | — | — | — | 1 | 56 | 15 | 2 | — | 5 | 7 | 3 | 1 |
| 21·3 | 21·7 | 21·8 | 21·6 | 1·9 | 0·1 | 0·1 | 0·7 | 0·0 | 0·0 | — | — | — | 8 | 54 | 11 | 9 | — | 2 | 3 | — | 6 |
| 19·3 | 20·7 | 20·6 | 20·2 | 3·1 | 2·2 | 1·6 | 2·3 | 7·9 | 5·8 | 12 | 3 | 2 | 27 | 36 | 3 | 5 | — | 1 | 2 | 5 | 11 |
| 12·6 | 15·1 | 13·9 | 13·9 | 3·7 | 2·0 | 3·5 | 3·1 | 5·5 | 4·0 | 27 | 2 | 2 | 49 | 33 | — | 1 | 1 | 1 | — | 4 | 4 |
| 16·7 | 18·9 | 18·9 | 18·2 | 2·0 | 1·1 | 1·1 | 1·4 | 21·4 | — | — | 8 | 7 | 103 | 596 | 49 | 44 | 9 | 23 | 26 | 50 | 105 |

## Summary of Meteorological Observations

φ = 19° 7′ N. λ = 37° 20′ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 762·17 | 766·2 | 758·3 | 22·9 | — | — | 22·8 | 25·6 | 20·0 | 28·6 | 7 | 17·0 | 19 | 68 | — | — | — |
| February | 60·65 | 63·1 | 56·1 | 22·7 | — | — | 22·2 | 25·2 | 19·3 | 28·0 | 14, 25 | 16·0 | 20 | 64 | — | — | — |
| March | 59·76 | 62·8 | 55·7 | 23·4 | — | — | 22·5 | 25·9 | 19·1 | 28·5 | 26, 28 | 15·0 | 10 | 64 | — | — | — |
| April | 56·94 | 59·6 | 54·7 | 27·9 | — | — | 26·2 | 30·4 | 22·0 | 32·3 | 18 | 17·0 | 3 | 55 | — | — | — |
| May | 56·08 | 58·9 | 53·6 | 30·9 | — | — | 28·4 | 32·6 | 24·1 | 37·0 | 24 | 21·1 | 7 | 47 | — | — | — |
| June | 54·12 | 56·4 | 52·8 | 33·5 | — | — | 30·2 | 36·0 | 24·4 | 42·7 | 29 | 20·8 | 3 | 37 | — | — | — |
| July | 53·17 | 55·5 | 51·1 | 35·4 | — | — | 34·1 | 40·2 | 28·0 | 44·5 | 12, 17 | 24·8 | 21 | 45 | — | — | — |
| August | — | — | — | 35·4 | — | — | 34·9 | 40·9 | 28·9 | 45·0 | 27 | 25·0 | 3 | 39 | — | — | — |
| September | — | — | — | 33·0 | — | — | 31·4 | 36·4 | 26·3 | 43·2 | 17 | 23·2 | 17 | 53 | — | — | — |
| October | — | — | — | 30·7 | — | — | 29·4 | 32·9 | 25·8 | 34·8 | 13 | 24·0 | 15 | 67 | — | — | — |
| November | — | — | — | 27·3 | — | — | 26·7 | 30·2 | 23·2 | 32·5 | 1, 2 | 19·8 | 6 | 67 | — | — | — |
| December | — | — | — | 23·7 | — | — | 23·4 | 26·3 | 20·5 | 30·5 | 1 | 17·4 | 24 | 61 | — | — | — |
| Year | — | — | — | 28·9 | — | — | 27·7 | 31·9 | 23·5 | — | — | — | — | 56 | — | — | — |

## Summary of Meteorological Observations

φ = 17° 40′ N. λ = 33° 58′ E. of Greenwich.

| Month | Standard 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 | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 729·83 | 736·1 | 725·8 | 18·5 | 29·2 | 23·3 | 21·2 | 29·6 | 13·6 | 33·0 | 6 | 8·0 | 19 | 47 | 28 | 34 | 40 |
| February | 28·86 | 32·7 | 23·7 | 19·2 | 29·5 | 23·1 | 21·4 | 30·2 | 14·0 | 37·5 | 14 | 10·0 | 9 | 32 | 22 | 26 | 29 |
| March | 28·15 | 33·3 | 24·7 | 21·2 | 31·7 | 24·6 | 23·0 | *32·9* | 14·5 | 38·5 | 31 | 8·0 | 11 | 22 | 15 | 20 | 21 |
| April | 24·85 | 28·3 | 22·2 | 29·1 | 38·7 | 32·3 | 30·3 | 40·2 | 21·2 | 45·0 | 27 | 15·0 | 8 | 22 | 14 | 14 | 18 |
| May | 25·07 | 28·0 | 21·7 | 32·3 | 40·0 | 33·4 | 32·4 | 40·9 | 23·7 | 45·0 | 25 | 16·5 | 18 | 20 | 12 | 14 | 17 |
| June | 25·25 | 28·0 | 22·6 | 33·1 | 40·3 | 33·7 | 33·0 | 41·2 | 24·8 | 46·0 | 10 | 19·0 | 3 | 16 | 11 | 14 | 15 |
| July | 24·87 | 28·2 | 22·6 | 32·2 | 40·5 | 34·5 | 33·5 | *41·0* | 26·8 | 45·0 | 3 | 21·0 | 28 | 33 | 15 | 20 | 26 |
| August | 25·57 | 28·2 | 22·8 | 31·6 | 39·7 | 34·0 | 32·8 | 40·6 | 25·7 | 44·0 | 31 | 22·0 | 2 | 38 | 16 | 27 | 32 |
| September | 25·32 | 27·9 | 23·1 | 33·5 | 41·2 | 35·0 | 34·1 | 41·9 | 26·8 | 44·0 | 15 | 24·0 | 9, 30 | 28 | 15 | 23 | 26 |
| October | 26·64 | 30·3 | 23·1 | 31·1 | 38·4 | 31·8 | 31·2 | 38·9 | 23·4 | 41·5 | Several dates | 18·0 | 30 | 24 | 13 | 24 | 24 |
| November | 27·91 | 31·3 | 25·2 | 24·3 | 33·2 | 26·4 | 25·6 | 33·6 | 18·3 | 36·5 | 15 | 13·0 | 5 | 36 | 20 | 31 | 34 |
| December | 30·29 | 36·2 | 25·4 | 18·8 | 28·7 | 21·7 | 20·6 | 29·1 | 13·3 | 39·0 | 2 | 9·0 | 18 | 37 | 23 | 27 | 32 |
| Year | 726·88 | — | — | 27·1 | 35·9 | 29·5 | 28·3 | 36·7 | 20·5 | — | — | — | — | 30 | 17 | 23 | 26 |

## at SUAKIN for the year 1913.

H = 4·5 m. $h_t$ = 1·5 m. $h_r$ = 1·3 m.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 14·1 | — | — | — | 6·0 | — | — | — | 6·9 | 3·0 | 8 | 4 | 3 | 24·5 | 5 | — | — | — | — | — | 1·5 | — |
| 13·0 | — | — | — | 5·7 | — | — | — | 2·4 | 1·3 | 5 | 3 | 1 | 17 | 8·5 | — | — | — | — | — | 2·5 | — |
| 13·6 | — | — | — | 4·2 | — | — | — | 0·0 | 0·0 | — | — | — | 13 | 15·5 | — | — | — | — | — | 2·5 | — |
| 15·1 | — | — | — | 0·7 | — | — | — | 0·0 | 0·0 | — | — | — | 2 | 26 | 1 | — | — | — | — | 1 | — |
| 15·6 | — | — | — | 1·7 | — | — | — | 0·7 | 0·7 | 6 | 1 | — | 1 | 27·5 | 2·5 | — | — | — | — | — | — |
| 14·2 | — | — | — | 2·3 | — | — | — | 0·0 | 0·0 | — | — | — | 4·5 | 21·5 | 1·5 | — | — | 1 | 0·5 | 1 | — |
| 19·1 | — | — | — | 2·8 | — | — | — | 13·9 | 11·2 | 27 | 3 | 2 | 1·5 | 13·5 | 3 | — | — | 4·5 | 6 | 2·5 | — |
| 16·3 | — | — | — | 2·6 | — | — | — | 0·0 | 0·0 | — | — | — | 4·5 | 7·5 | 5·5 | — | 1·5 | 5·5 | 3 | 3·5 | — |
| 19·6 | — | — | — | 1·4 | — | — | — | 0·0 | 0·0 | — | — | — | — | 22·5 | 7·5 | — | — | — | — | — | — |
| 22·1 | — | — | — | 2·1 | — | — | — | 0·0 | 0·0 | — | — | — | 3 | 21·5 | 4·5 | 2 | — | — | — | — | — |
| 18·0 | — | — | — | 4·0 | — | — | — | 37·8 | 22·0 | 11 | 4 | 3 | 5 | 19·5 | 3·5 | 1 | — | — | — | 1 | — |
| 13·3 | — | — | — | 4·9 | — | — | — | 63·5 | 46·0 | 27 | 2 | 2 | 13 | 14·5 | — | — | — | — | — | 3·5 | — |
| 16·2 | — | — | — | 3·2 | — | — | — | 125·2 | — | — | 17 | 11 | 89 | 203 | 29 | 3 | 1·5 | 11 | 9·5 | 19 | — |

## at 'ATBARA for the year 1913.

H = 354·5 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m. $C_h$ = + 29.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·5 | 8·2 | 7·2 | 7·6 | 0·3 | 0·3 | 0·1 | 0·2 | 0·0 | 0·0 | — | — | — | 57·5 | 9·5 | — | — | — | — | 1 | 25 | — |
| 5·3 | 6·6 | 5·4 | 5·8 | 1·2 | 0·4 | 0·6 | 0·7 | 0·0 | 0·0 | — | — | — | 62·5 | 6 | 2·5 | — | — | — | 1 | 12 | — |
| 4·1 | 5·3 | 4·4 | 4·6 | 0·9 | 1·1 | 1·4 | 1·1 | 0·0 | 0·0 | — | — | — | 56 | 11 | 2·5 | — | — | — | 2 | 19·5 | 2 |
| 6·7 | 7·1 | 5·4 | 6·4 | 0·4 | 0·7 | 0·6 | 0·6 | 0·0 | 0·0 | — | — | — | 36·5 | 15 | 6 | 5 | 4·5 | 5·5 | 4 | 12·5 | 1 |
| 7·2 | 6·3 | 5·4 | 6·3 | 0·2 | 0·6 | 0·1 | 0·3 | 0·0 | 0·0 | — | — | — | 29 | 16 | 2 | 4 | 4 | 5 | 2 | 23 | 8 |
| 5·8 | 6·3 | 5·6 | 5·9 | 0·5 | 0·9 | 0·6 | 0·7 | 0·0 | 0·0 | — | — | — | 37 | 3 | 3 | — | 3·5 | 12·5 | 8 | 22 | 1 |
| 11·6 | 8·4 | 8·0 | 9·3 | 0·7 | 1·7 | 1·2 | 1·2 | 0·0 | 0·0 | — | — | — | 2 | 3 | 1 | 1 | 22·5 | 37·5 | 22 | 4 | — |
| 13·0 | 8·8 | 10·5 | 10·8 | 1·6 | 2·4 | 2·5 | 2·2 | 0·0 | 0·0 | — | — | — | 2·5 | 3 | 1 | 4 | 23 | 31·5 | 13 | 12 | 2 |
| 10·8 | 8·5 | 9·5 | 9·6 | 0·8 | 3·3 | 2·6 | 2·2 | 0·0 | 0·0 | — | — | — | 5 | 7·5 | 8 | 23·5 | 4·5 | 22·5 | 4 | 9 | 6 |
| 8·3 | 6·8 | 8·2 | 7·8 | 0·2 | 0·9 | 0·5 | 0·5 | 0·0 | 0·0 | — | — | — | 30·5 | 23 | 9 | 4·5 | 6·5 | 1 | — | 8·5 | 10 |
| 8·2 | 7·6 | 7·9 | 7·9 | 0·8 | 0·7 | 0·1 | 0·5 | 0·0 | 0·0 | — | — | — | 58 | 5 | — | — | 1 | — | 1 | 18 | 7 |
| 6·0 | 6·0 | 5·5 | 6·1 | 0·5 | 0·1 | 0·2 | 0·3 | 0·0 | 0·0 | — | — | — | 55·5 | 17 | 3·5 | 1 | — | — | — | 14 | 2 |
| 7·9 | 7·2 | 6·9 | 7·3 | 0·7 | 1·1 | 0·9 | 0·9 | 0·0 | 0·0 | — | — | — | 432 | 119 | 38·5 | 43 | 69·5 | 115·5 | 58 | 179·5 | 39 |

## Summary of Meteorological Observations

$\varphi = 15^\circ\ 28'$ N. $\lambda = 36^\circ\ 24'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 716·23 | 721·0 | 712·8 | 20·7 | 32·0 | 24·3 | 23·1 | 32·9 | 15·4 | 37·5 | 22 | 10·0 | 18 | 61 | 25 | 40 | 50 |
| February ... ... ... ... ... | 15·07 | 19·5 | 9·8 | 21·2 | 33·1 | 24·2 | 23·5 | 34·0 | 15·4 | 38·5 | 14 | 11·0 | 9, 22 | 50 | 20 | 33 | 42 |
| March ... ... ... ... ... ... | 14·54 | 19·3 | 11·1 | 22·6 | 34·3 | 26·4 | 24·8 | 35·4 | 16·1 | 39·5 | 3, 25 | 10·5 | 11 | 39 | 15 | 23 | 31 |
| April ... ... ... ... ... ... | 12·48 | 16·6 | 9·3 | 30·1 | 39·0 | 31·3 | 30·9 | 40·2 | 23·1 | 42·5 | 22 | 17·4 | 2, 9 | 32 | 18 | 21 | 26 |
| May ... ... ... ... ... ... | 13·11 | 16·6 | 9·2 | 30·8 | 37·8 | 32·7 | 31·8 | — | — | 42·2 | 25 | 20·6 | 31 | 32 | 24 | 28 | 30 |
| June ... ... ... ... ... ... | 13·62 | 17·5 | 10·2 | 30·3 | 38·9 | 31·8 | 31·1 | 40·2 | 23·3 | 44·0 | 9, 10 | 18·7 | 2 | 24 | 15 | 21 | 22 |
| July ... ... ... ... ... ... | 14·78 | 17·3 | 12·1 | 27·4 | 34·8 | 30·0 | 29·0 | 36·0 | 23·6 | 40·0 | 3 | 20·1 | 12 | 48 | 30 | 43 | 46 |
| August ... ... ... ... ... ... | 15·05 | 17·6 | 12·6 | 25·9 | 33·0 | 28·9 | 27·6 | 34·1 | 22·4 | 37·4 | 31 | 20·6 | 8, 21 | 59 | 40 | 52 | 56 |
| September ... ... ... ... ... | 14·13 | 17·0 | 11·3 | 28·4 | 36·5 | 30·5 | 29·8 | 37·7 | 23·7 | 41·0 | 22, 28 | 20·1 | 9 | 53 | 31 | 45 | 49 |
| October ... ... ... ... ... | 14·22 | 17·2 | 11·3 | 30·1 | 38·4 | 29·1 | 30·4 | 39·3 | 24·0 | 41·5 | 16 | 19·2 | 29, 30 | 36 | 20 | 37 | 36 |
| November ... ... ... ... ... | 14·73 | 17·8 | 12·1 | 26·4 | 35·8 | 26·7 | 27·2 | 36·8 | 19·9 | 39·1 | 3, 18 | 16·2 | 23, 24, 25 | 46 | 18 | 37 | 42 |
| December ... ... ... ... ... | 16·56 | 21·4 | 12·9 | 21·9 | 31·6 | 24·2 | 23·5 | 32·7 | 16·2 | 30·6 | 2 | 10·1 | 17 | 51 | 27 | 39 | 45 |
| Year ... ... ... | 714·54 | — | — | 26·3 | 35·4 | 28·3 | 27·7 | 36·3 | 20·3 | — | — | — | — | 44 | 24 | 35 | 40 |

## Summary of Meteorological Observations

$\varphi = 15^\circ\ 37'$ N. $\lambda = 32^\circ\ 33'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 726·87 | 732·4 | 723·8 | 17·7 | 29·1 | 23·3 | 21·2 | 29·8 | 14·5 | 33·3 | 15 | 9·7 | 19 | 38 | 23 | 30 | 34 |
| February ... ... ... ... ... | 25·53 | 29·4 | 19·9 | 18·8 | 30·3 | 24·7 | 22·2 | 31·1 | 15·0 | 39·5 | 14 | 10·0 | 20 | 24 | 12 | 16 | 20 |
| March ... ... ... ... ... ... | 25·26 | 30·7 | 21·6 | 20·4 | 31·5 | 25·6 | 23·3 | 32·3 | 15·8 | 38·8 | 31 | 9·4 | 11 | 16 | 7 | 12 | 14 |
| April ... ... ... ... ... ... | 22·02 | 26·2 | 19·4 | 29·0 | 39·0 | 32·3 | 30·8 | 39·9 | 22·8 | 43·3 | 20 | 16·4 | 7 | 19 | 8 | 14 | 16 |
| May ... ... ... ... ... ... | 22·39 | 25·9 | 19·2 | 31·8 | 39·9 | 34·0 | 32·8 | 40·9 | 25·4 | 44·5 | 23 | 18·8 | 19 | 18 | 8 | 13 | 16 |
| June ... ... ... ... ... ... | 23·08 | 26·2 | 19·2 | 31·0 | 39·8 | 33·0 | 32·0 | 40·6 | 24·2 | 44·5 | 23 | 19·6 | 3 | 19 | 9 | 15 | 17 |
| July ... ... ... ... ... ... | 23·40 | 26·6 | 20·1 | 30·5 | 39·2 | 33·5 | 32·3 | 40·1 | 25·9 | 42·1 | 8 | 24·2 | 15, 26 | 45 | 19 | 26 | 36 |
| August ... ... ... ... ... ... | 23·97 | 28·1 | 21·2 | 29·3 | 36·9 | 31·7 | 30·6 | 38·2 | 24·5 | 41·1 | 24 | 19·5 | 15 | 52 | 27 | 43 | 48 |
| September ... ... ... ... ... | 23·08 | 25·9 | 20·0 | 31·4 | 39·1 | 32·8 | 32·3 | 39·9 | 25·9 | 42·9 | 23 | 22·2 | 6 | 41 | 20 | 33 | 37 |
| October... ... ... ... ... ... | 23·93 | 28·0 | 20·3 | 29·8 | 38·0 | 31·9 | 31·0 | 39·0 | 24·4 | 42·5 | 18 | 18·1 | 31 | 29 | 13 | 21 | 25 |
| November ... ... ... ... ... | 25·55 | 28·6 | 22·5 | 22·8 | 32·6 | 26·6 | 25·2 | 32·9 | 18·6 | 36·5 | 14 | 14·0 | 25 | 29 | 17 | 24 | 26 |
| December ... ... ... ... ... | 27·54 | 33·1 | 22·5 | 18·2 | 28·7 | 22·7 | 21·0 | 29·0 | 14·2 | 38·6 | 2 | 8·3 | 18 | 33 | 17 | 23 | 28 |
| Year ... ... ... | 724·38 | — | — | 25·9 | 35·3 | 29·3 | 27·9 | 36·1 | 20·9 | — | — | — | — | 30 | 15 | 22 | 26 |

## at KASSALA for the year 1913.

H = 507·8 m. $h_t$ = 1·1 m. $h_r$ = 1·0 m. $C_h$ = + 42 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 11·2 | 8·7 | 9·2 | 9·7 | 0·2 | 0·5 | 1·3 | 0·7 | 0·0 | 0·0 | — | — | — | 37 | 40 | 6 | 3 | 1 | — | — | 6 | — |
| 9·5 | 7·4 | 7·5 | 8·1 | 1·7 | 1·2 | 1·5 | 1·5 | 0·0 | 0·0 | — | — | — | 45 | 21 | 4 | 1 | 2 | 1 | — | 10 | — |
| 8·0 | 5·8 | 6·0 | 6·6 | 2·2 | 1·9 | 1·3 | 1·8 | 0·0 | 0·0 | — | — | — | 48 | 15 | 3 | 3 | 2 | 1 | 4 | 17 | — |
| 10·2 | 9·4 | 7·3 | 9·0 | 1·4 | 2·4 | 1·3 | 1·7 | 7·4 | 5·0 | 24 | 2 | 2 | 27 | 13 | 12 | 5 | 10 | 5 | 9 | 9 | — |
| 10·5 | 11·1 | 10·3 | 10·6 | 1·8 | 3·6 | 3·0 | 2.8 | 23·5 | 19·5 | 8 | 2 | 2 | 31 | 18 | 4 | 4 | 20 | 5 | 5 | 6 | — |
| 7·4 | 7·5 | 7·4 | 7·4 | 1·7 | 2·6 | 2·7 | 2·3 | 4·5 | 4·5 | 26 | 1 | 1 | 22 | 2 | 2 | 17 | 15 | 8 | 9 | 15 | — |
| 12·9 | 12·2 | 13·3 | 12·8 | 4·8 | 5·5 | 6·3 | 5·5 | 160·5 | 35·0 | 25 | 14 | 14 | — | 1 | 1 | 24 | 34 | 18 | 12 | 2 | 1 |
| 14·4 | 14·8 | 15·2 | 14·8 | 4·5 | 4·1 | 5·2 | 4·6 | 155·5 | 75·0 | 7 | 9 | 9 | — | — | 6 | 16 | 34 | 33 | 4 | — | — |
| 14·9 | 14·0 | 14·5 | 14·5 | 1·9 | 2·3 | 3·5 | 2·6 | 55·0 | 3[illegible]·0 | 2 | 4 | 4 | — | 7 | 13 | 14 | 22 | 13 | 15 | 6 | — |
| 11·5 | 10·3 | 11·1 | 11·0 | 0·2 | 1·7 | 1·1 | 1·0 | 0·0 | 0·0 | — | — | — | 6 | 18 | 14 | 10 | 14 | 5 | 12 | 14 | — |
| 11·8 | 7·7 | 9·8 | 9·8 | 0·3 | 2·5 | 0·0 | 0·9 | 0·0 | 0·0 | — | — | — | 16 | 34 | 3 | — | — | 2 | 1 | 34 | — |
| 10·1 | 9·1 | 8·9 | 9·4 | 0·0 | 0·5 | 0·0 | 0·2 | 0·0 | 0·0 | — | — | — | 26 | 39 | 6 | — | — | — | — | 22 | — |
| 11·0 | 9·8 | 10·0 | 10·3 | 1·7 | 2·4 | 2·3 | 2·1 | 406·4 | — | — | 32 | 32 | 258 | 208 | 74 | 97 | 154 | 91 | 71 | 141 | 1 |

## at KHARTOUM (Gordon College) for the year 1913.

H = 390·0 m. $h_t$ = 1·8 m. $h_r$ = 1·2 m. $C_h$ = + 32 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 5·8 | 7·1 | 6·4 | 6·4 | 0·3 | 0·4 | 0·1 | 0·3 | 0·0 | 0·0 | — | — | — | 51·5 | 22 | — | — | — | — | — | 0·5 | 19 |
| 3·9 | 3·8 | 3·8 | 3·8 | 1·2 | 1·3 | 0·9 | 1·1 | 0·0 | 0·0 | — | — | — | 40 | 26 | — | 1 | 1 | 1 | — | 1 | 14 |
| 2·9 | 2·6 | 2·9 | 2·8 | 0·8 | 1·1 | 0·7 | 0·9 | 0·0 | 0·0 | — | — | — | 52·5 | 17·5 | 0·5 | — | — | — | 1·5 | 9 | 12 |
| 5·9 | 4·3 | 5·0 | 5·1 | 0·4 | 0·7 | 0·4 | 0·5 | Drops | Drops | 22 | — | — | 29·5 | 28 | 0·5 | — | 3·5 | 3 | 2·5 | 6 | 17 |
| 6·5 | 4·6 | 5·3 | 5·5 | 1·2 | 1·2 | 0·3 | 0·9 | Drops | Drops | 25 | — | — | 29·5 | 22·5 | 6 | 4·5 | 3 | 1·5 | 5 | 6 | 15 |
| 6·2 | 4·8 | 5·6 | 5·5 | 1·0 | 1·0 | 0·4 | 0·8 | 0·0 | 0·0 | — | — | — | 25 | 13 | 1 | — | 7 | 12 | 6·5 | 24·5 | 1 |
| 14·3 | 9·8 | 10·0 | 11·4 | 2·1 | 2·4 | 2·3 | 2·3 | 6·8 | 5·4 | 14 | 2 | 2 | 1·5 | 2·5 | 2 | 6 | 24·5 | 38·5 | 8 | 7 | 3 |
| 15·5 | 11·9 | 14·5 | 14·0 | 2·9 | 2·9 | 2·9 | 2·9 | 69·6 | 40·6 | 14 | 5 | 5 | 1·5 | 0·5 | 0·5 | 7 | 26·5 | 40·5 | 9 | 5·5 | 2 |
| 13·7 | 10·5 | 11·8 | 12·0 | 2·0 | 2·8 | 1·5 | 2·1 | 22·3 | 21·0 | 8 | 2 | 2 | 6·5 | 17·5 | 4·5 | 8 | 15·5 | 21·5 | 6·5 | 6 | 4 |
| 9·5 | 6·8 | 7·6 | 8·0 | 0·8 | 1·2 | 1·6 | 1·2 | 1·7 | 0·9 | 6 | 2 | — | 26 | 26·5 | 2·5 | 2·5 | 4 | 7·5 | 2·5 | 4·5 | 17 |
| 6·0 | 6·3 | 6·2 | 6·2 | 0·4 | 1·1 | 0·4 | 0·6 | 0·0 | 0·0 | — | — | — | 54 | 19·5 | — | — | — | — | 0·5 | 8 | 8 |
| 5·4 | 5·2 | 5·0 | 5·2 | 0·3 | 0·4 | 0·2 | 0·3 | 0·0 | 0·0 | — | — | — | 45·5 | 38·5 | 1·5 | — | — | — | — | 3·5 | 4 |
| 8·0 | 6·5 | 7·0 | 7·2 | 1·1 | 1·4 | 1·0 | 1·2 | 100·4 | — | — | 11 | 9 | 369 | 234 | 19 | 29 | 85 | 125·5 | 42 | 81·5 | 116 |

## Summary of Meteorological Observation

φ = 14° 24′ N. λ = 33° 31′ E. of Greenwich

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 726·35 | 730·6 | 723·8 | 19·6 | — | 23·4 | 21·5 | 33·3 | 15·0 | 36·0 | 15, 23 | 10·0 | 1 | 40 | — | 33 | 36 |
| February | 25·10 | 27·7 | 20·5 | 21·1 | — | 24·2 | 22·6 | 34·7 | 15·5 | 40·0 | 14 | 12·0 | 4, 20, 22 | 24 | — | 21 | 22 |
| March | 24·74 | 29·2 | 21·7 | 22·6 | — | 25·2 | 23·9 | 36·0 | 15·6 | 41·0 | 31 | 9·0 | 8 | 17 | — | 15 | 16 |
| April | 20·75 | 24·3 | 17·9 | 29·9 | — | 31·2 | 30·6 | 40·8 | 21·7 | 43·0 | 18, 29 | 17·0 | 8 | 26 | — | 19 | 22 |
| May | 21·11 | 24·3 | 17·5 | 31·8 | — | 32·9 | 32·4 | 41·3 | 24·9 | 45·0 | 29 | 19·0 | 20 | 26 | — | 23 | 24 |
| June | 22·00 | 24·9 | 19·4 | 31·0 | — | 32·2 | 31·6 | 40·5 | 22·0 | 45·0 | 10 | 17·0 | 4, 16 | 20 | — | 16 | 18 |
| July | 22·89 | 25·4 | 20·7 | 28·1 | — | 29·8 | 29·0 | 38·0 | 23·8 | 40·0 | Several dates | 21·0 | 20 | 55 | — | 47 | 51 |
| August | 23·16 | 26·1 | 20·9 | 26·3 | — | 27·2 | 26·8 | 35·7 | 21·5 | 39·0 | 7, 27, 31 | 18·0 | 30 | 69 | — | 65 | 67 |
| September | 22·37 | 24·2 | 19·6 | 28·0 | — | 29·1 | 28·6 | 38·2 | 22·3 | 41·0 | 28, 29 | 19·0 | 6 | 56 | — | 50 | 53 |
| October | 22·90 | 26·4 | 20·1 | 29·1 | — | 29·9 | 29·5 | 39·0 | 22·6 | 41·0 | Several dates | 17·0 | 30 | 37 | — | 33 | 35 |
| November | 24·02 | 27·1 | 20·9 | 24·7 | — | 27·0 | 25·8 | 35·8 | 18·6 | 38·0 | Several dates | 15·0 | 25 | 30 | — | 24 | 27 |
| December | 26·00 | 30·6 | 20·1 | 20·1 | — | 23·2 | 21·6 | 32·5 | 14·9 | 40·0 | 1, 2, 3 | 11·0 | Several dates | 33 | — | 26 | 30 |
| Year | 723·45 | — | — | 26·0 | — | 27·9 | 27·0 | 37·2 | 19·9 | — | — | — | — | 36 | — | 31 | 33 |

## Summary of Meteorological Observation

φ = 14° N. λ = 32° 20′ E. of Greenwich

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 727·52 | 731·2 | 724·8 | 18·7 | — | 23·2 | 21·0 | 32·4 | — | 35·0 | 15 | — | — | 33 | — | 22 | 28 |
| February | 26·68 | 30·8 | 23·5 | 20·0 | — | 24·4 | 22·2 | 34·0 | — | 39·5 | 14, 24 | — | — | 26 | — | 14 | 20 |
| March | 26·16 | 29·9 | 22·3 | 22·4 | — | 24·5 | 23·4 | 34·2 | — | 41·0 | 31 | — | — | 18 | — | 11 | 14 |
| April | 23·16 | 26·9 | 19·3 | 29·7 | — | 30·0 | 29·8 | 40·6 | — | 43·5 | 30 | — | — | 23 | — | 17 | 20 |
| May | 23·20 | 27·0 | 19·5 | 31·5 | — | 32·3 | 31·9 | 40·7 | — | 44·0 | 30 | — | — | 28 | — | 22 | 25 |
| June | 24·44 | 26·6 | 21·9 | 30·3 | — | 30·6 | 30·4 | 39·3 | — | 43·0 | 9 | — | — | 19 | — | 14 | 16 |
| July | 25·20 | 27·7 | 22·4 | 28·8 | — | 30·7 | 29·8 | 37·0 | — | 40·0 | 3 | — | — | 46 | — | 38 | 42 |
| August | 25·58 | 29·3 | 22·9 | 27·1 | — | 29·2 | 28·2 | 35·5 | — | 39·5 | 31 | — | — | 64 | — | 53 | 58 |
| September | 24·58 | 28·0 | 21·3 | 28·6 | — | 30·8 | 29·7 | 38·1 | — | 41·0 | 22, 27 | — | — | 55 | — | 48 | 52 |
| October | 25·36 | 29·2 | 22·3 | 30·4 | — | 29·7 | 30·0 | 38·8 | — | 42·5 | 18 | — | — | 32 | — | 31 | 32 |
| November | 26·53 | 29·0 | 23·4 | 24·2 | — | 24·4 | 24·3 | 35·0 | — | 40·0 | 22 | — | — | 26 | — | 25 | 26 |
| December | 28·38 | 33·5 | 23·0 | 20·6 | — | 22·4 | 21·5 | 31·6 | — | 40·5 | 1, 2 | — | — | 28 | — | 22 | 25 |
| Year | 725·57 | — | — | 26·0 | — | 27·7 | 26·8 | 36·4 | — | — | — | — | — | 33 | — | 26 | 30 |

## at WAD MEDANI for the year 1913.

H = 407·6 m. $h_t$ = 1·8 m. $h_r$ = 1·2 m. $C_h$ = + 34 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·8 | — | 7·0 | 6·9 | 0·0 | — | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | 40 | 21 | 1 | — | — | — | — | — | — |
| 4·4 | — | 4·8 | 4·6 | 0·0 | — | 0·2 | 0·1 | 0·0 | 0·0 | — | — | — | 34 | 20 | 2 | — | — | — | — | — | — |
| 3·4 | — | 3·6 | 3·5 | 0·2 | — | 0·3 | 0·2 | 0·0 | 0·0 | — | — | — | 42 | 18 | — | — | — | — | 1 | 1 | — |
| 8·1 | — | 6·5 | 7·3 | 0·5 | — | 0·7 | 0·6 | 10·4 | 7·3 | 20 | 2 | 2 | — | 20 | 4 | 2 | 1 | 5 | 13 | 15 | — |
| 9·0 | — | 8·3 | 8·6 | 0·4 | — | 1·8 | 1·1 | 0·0 | 0·0 | — | — | — | — | 15 | 2 | 4 | 2 | 13 | 5 | 21 | — |
| 6·9 | — | 6·1 | 6·5 | 1·1 | — | 1·5 | 1·3 | 0·8 | 0·8 | 30 | 1 | — | 12 | 7 | — | — | 4 | 12 | 9 | 16 | — |
| 15·4 | — | 14·7 | 15·0 | 3·2 | — | 4·3 | 3·8 | 94·9 | 57·4 | 25 | 7 | 6 | — | 2 | — | 4·5 | 15 | 37 | 3·5 | — | — |
| 17·6 | — | 17·6 | 17·6 | 4·6 | — | 5·2 | 4·9 | 236·8 | 75·0 | 10 | 14 | 12 | — | 1 | 3 | 7 | 6·5 | 37 | 6·5 | 1 | — |
| 15·6 | — | 14·7 | 15·2 | 3·0 | — | 4·6 | 3·8 | 29·4 | 7·5 | 5 | 5 | 5 | 1·5 | 3 | — | 1·5 | 6·5 | 35 | 4 | 7·5 | 1 |
| 11·1 | — | 10·3 | 10·7 | 1·5 | — | 3·5 | 2·5 | 18·1 | 17·2 | 7 | 2 | 1 | 11 | 11·5 | 3 | 4·5 | 2·5 | 15·5 | 3 | 11 | — |
| 6·8 | — | 6·4 | 6·6 | 1·0 | — | 0·8 | 0·9 | 0·0 | 0·0 | — | — | — | 11·5 | 22·5 | — | — | — | — | — | 26 | — |
| 5·7 | — | 5·4 | 5·6 | 1·2 | — | 0·4 | 0·8 | 0·0 | 0·0 | — | — | — | 28·5 | 30·5 | — | — | — | — | — | 3 | — |
| 9·2 | — | 8·8 | 9·0 | 1·4 | — | 1·9 | 1·7 | 390·4 | — | — | 31 | 26 | 180·5 | 171·5 | 15 | 23·5 | 37·5 | 154·5 | 45 | 101·5 | 1 |

## at DUEIM for the year 1913.

H = 383·3 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m. $C_h$ = + 32 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 5·4 | — | 4·6 | 5·0 | 0·0 | — | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | 51 | 7 | 1 | — | — | — | — | 1 | 2 |
| 4·5 | — | 3·2 | 3·8 | 0·8 | — | 0·0 | 0·4 | 0·0 | 0·0 | — | — | — | 40 | 7·5 | 2·5 | — | — | — | — | — | 6 |
| 3·6 | — | 2·6 | 3·1 | 0·8 | — | 0·3 | 0·6 | 0·0 | 0·0 | — | — | — | 48 | 9 | — | — | 1 | — | — | 2 | 2 |
| 7·0 | — | 5·3 | 6·2 | 0·6 | — | 0·3 | 0·4 | 0·0 | 0·0 | — | — | — | 25 | 12·5 | 9·5 | 4 | 5 | 1 | — | 1 | 2 |
| 9·8 | — | 7·9 | 8·8 | 1·6 | — | 1·8 | 1·7 | 0·0 | 0·0 | — | — | — | 13 | 8·5 | 9·5 | 5 | 12 | 3 | 1 | 2 | 8 |
| 6·1 | — | 4·8 | 5·4 | 0·7 | — | 0·2 | 0·4 | 0·0 | 0·0 | — | — | — | 22 | 3 | 5 | 1 | 17 | 2 | 6 | 4 | — |
| 13·5 | — | 12·4 | 13·0 | 3·9 | — | 3·9 | 3·9 | 0·0 | 0·0 | — | — | — | — | — | — | 2 | 60 | — | — | — | — |
| 16·9 | — | 15·8 | 16·4 | 5·5 | — | 4·5 | 5·0 | 116·0 | 44·0 | 23 | 7 | 7 | — | — | 3 | 8 | 50 | 1 | — | — | — |
| 16·0 | — | 15·7 | 15·8 | 2·8 | — | 3·9 | 3·4 | 22·5 | 11·5 | 23 | 4 | 4 | — | — | 8 | 18 | 25 | 7·5 | 1·5 | — | — |
| 10·2 | — | 9·6 | 9·9 | 1·7 | — | 2·8 | 2·2 | 1·0 | 1·0 | 1 | 1 | 1 | 23 | 1 | 3 | 15 | 12 | 5 | 3 | — | — |
| 6·0 | — | 5·7 | 5·8 | 0·9 | — | 0·1 | 0·5 | 0·0 | 0·0 | — | — | — | 60 | — | — | — | — | — | — | — | — |
| 5·1 | — | 4·4 | 4·8 | 0·4 | — | 0·1 | 0·2 | 0·0 | 0·0 | — | — | — | 53 | 8 | — | — | — | — | — | 1 | — |
| 8·7 | — | 7·7 | 8·2 | 1·6 | — | 1·5 | 1·6 | 139·5 | — | — | 12 | 12 | 335 | 56·5 | 41·5 | 53 | 182 | 19·5 | 11·5 | 11 | 20 |

## Summary of Meteorological Observations

$\varphi = 13^\circ\ 11'$ N. $\lambda = 30^\circ\ 14'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 711·78 | 716·6 | 708·8 | 15·6 | 28·3 | 21·1 | 18·8 | 29·4 | 10·2 | 32·9 | 13 | 6·3 | 3 | 25 | 12 | 19 | 22 |
| February ... ... ... ... ... | 10·39 | 14·2 | 4·0 | 18·1 | 30·1 | 23·6 | 21·0 | 31·2 | 12·1 | 37·4 | 24 | 7·8 | 9 | 16 | 7 | 12 | 14 |
| March ... ... ... ... ... ... | 10·35 | 15·9 | 6·6 | 19·7 | 30·7 | 24·3 | 21·9 | 32·2 | 12·8 | 38·4 | 31 | 7·7 | 11 | 8 | 3 | 6 | 7 |
| April ... ... ... ... ... ... | 7·53 | 11·3 | 4·5 | 28·2 | 37·2 | 30·0 | 28·7 | 38·4 | 19·5 | 41·1 | 18 | 12·8 | 8 | 14 | 7 | 13 | 14 |
| May ... ... ... ... ... ... | 8·05 | 11·2 | 5·6 | 29·2 | 37·6 | 31·4 | 30·0 | 38·9 | 22·0 | 41·2 | 23 | 16·4 | 20 | 22 | 10 | 18 | 20 |
| June ... ... ... ... ... ... | 9·25 | 12·1 | 6·7 | 28·7 | 36·6 | 30·0 | 29·1 | 38·0 | 21·1 | 40·3 | 8 | 16·1 | 4 | 23 | 11 | 19 | 21 |
| July ... ... ... ... ... ... | 9·93 | 12·5 | 7·3 | 26·5 | 33·9 | 29·1 | 28·0 | 35·8 | 22·7 | 38·2 | 3, 8 | 18·4 | 11 | 59 | 32 | 46 | 52 |
| August ... ... ... ... ... ... | 10·11 | 13·6 | 7·3 | 25·9 | 31·9 | 27·7 | 26·8 | 33·8 | 21·7 | 37·1 | 31 | 18·2 | 15 | 65 | 42 | 57 | 61 |
| September ... ... ... ... ... | 9·20 | 11·7 | 5·4 | 26·6 | 33·7 | 27·9 | 27·4 | 35·7 | 21·5 | 39·1 | 30 | 18·7 | 24 | 60 | 37 | 54 | 57 |
| October... ... ... ... ... ... | 9·50 | 13·1 | 5·5 | 26·7 | 35·0 | 27·9 | 27·5 | 36·2 | 20·4 | 39·7 | 23 | 13·4 | 31 | 40 | 22 | 38 | 39 |
| November ... ... ... ... ... | 10·91 | 13·9 | 7·7 | 21·0 | 31·1 | 23·2 | 22·3 | 31·9 | 13·9 | 34·4 | 18, 19 | 10·3 | 26 | 23 | 12 | 22 | 22 |
| December ... ... ... ... ... | 12·20 | 17·5 | 7·5 | 17·6 | 28·2 | 21·1 | 19·4 | 29·0 | 10·8 | 37·9 | 2 | 5·6 | 18 | 20 | 10 | 18 | 19 |
| Year ... ... ... | 709·93 | — | — | 23·6 | 32·9 | 26·4 | 25·1 | 34·2 | 17·4 | — | — | — | — | 31 | 17 | 27 | 29 |

## Summary of Meteorological Observations

$\varphi = 12^\circ\ 48'$ N. $\lambda = 36^\circ\ 10'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 695·78 | 700·2 | 692·8 | 22·2 | 34·1 | 26·8 | 24·6 | 34·8 | 15·2 | 37·5 | 25 | 11·5 | 19 | 38 | 12 | 22 | 30 |
| February ... ... ... ... ... | 694·77 | 699·1 | 690·9 | 24·0 | 35·0 | 27·9 | 26·0 | 35·7 | 16·9 | 38·0 | 14, 25, 26 | 13·0 | 21 | 34 | 10 | 17 | 26 |
| March ... ... ... ... ... ... | 694·43 | 699·0 | 690·7 | 25·5 | 35·8 | 29·0 | 7·2* | 36·9 | — | 40·0 | 3 | 12·0 | 11 | 26 | 11 | 18 | 22 |
| April ... ... ... ... ... ... | 693·56 | 697·2 | 690·1 | 30·1 | 37·5 | 30·2 | 30·2* | 38·6 | — | 42·0 | 14, 16 | 15·0 | 1, 26 | 26 | 12 | 22 | 24 |
| May ... ... ... ... ... ... | 694·27 | 697·5 | 690·9 | 27·7 | 35·6 | 28·0 | 27·8* | 36·3 | — | 39·0 | 21 | 14·0 | 11, 20, 27 | 45 | 21 | 37 | 41 |
| June ... ... ... ... ... ... | 695·23 | 698·7 | 691·9 | 28·0 | 35·4 | 28·1 | 28·0* | 36·0 | — | 40·0 | 8 | 11·5 | 4 | 37 | 18 | 31 | 34 |
| July ... ... ... ... ... ... | 696·64 | 699·2 | 694·5 | 23·4 | 29·5 | 24·6 | 24·0* | 30·0 | — | 34·0 | 4, 5 | 13·0 | 17, 20, 21 | 74 | 47 | 66 | 70 |
| August ... ... ... ... ... ... | 696·68 | 699·0 | 694·2 | 23·1 | 28·3 | 22·2 | 22·6 | 28·7 | 16·9 | 31·5 | 19 | 13·5 | 5 | 80 | 58 | 87 | 84 |
| September ... ... ... ... ... | 695·71 | 698·2 | 693·0 | 24·7 | 31·0 | 23·0 | 24·8 | 31·4 | 20·4 | 35·5 | 28 | 18·5 | 1 | 72 | 46 | 78 | 75 |
| October... ... ... ... ... ... | 695·70 | 698·5 | 692·3 | 26·2 | 34·5 | 24.8 | 26·1 | 35·0 | 18·9 | 37·5 | 20 | 15·5 | 30 | 46 | 22 | 44 | 45 |
| November ... ... ... ... ... | 695·50 | 698·5 | 692·4 | 26·0 | 35·6 | 26·0 | 26·3 | 36·0 | 17·7 | 38·0 | 19 | 15·5 | 3, 8 | 31 | 11 | 24 | 28 |
| December ... ... ... ... ... | 696·83 | 701·2 | 693·1 | 22·2 | 33·6 | 25·4 | 24·4 | 33·7 | 16·6 | 38·0 | 1, 2 | 14·0 | 17 | 32 | 10 | 21 | 26 |
| Year ... ... ... | 695·42 | — | — | 25·3 | 33·8 | 26·3 | 26·0 | 34·4 | — | — | — | — | — | 45 | 23 | 39 | 42 |

* The diurnal means of temperature for March, April, May, June, and July are derived from the following observations $(8^h+20^h)/2$.

## at EL OBEID for the year 1913.

H = 585·0 m. $h_t$ = 1·5 m. $h_r$ = 1·2 m. $C_h$ = + 49 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 3·3 | 3·3 | 3·6 | 3·4 | 0·6 | 0·9 | 0·1 | 0·5 | 0·0 | 0·0 | — | — | — | 47·5 | 26 | — | — | — | — | — | 19·5 | — |
| 2·4 | 2·1 | 2·6 | 2·4 | 1·5 | 1·5 | 0·6 | 1·2 | 0·0 | 0·0 | — | — | — | 56 | 19·5 | 0·5 | 1 | 1·5 | 1 | — | 4·5 | — |
| 1·2 | 1·1 | 1·3 | 1·2 | 1·8 | 2·3 | 0·4 | 1·5 | 0·0 | 0·0 | — | — | — | 68 | 13·5 | — | 0·5 | 0·5 | 1 | 1 | 5·5 | 3 |
| 4·2 | 3·3 | 4·3 | 3·9 | 3·0 | 3·4 | 1·2 | 2·5 | 1·6 | 1·6 | 21 | 1 | 1 | 45 | 16 | 1·5 | 1 | 3·5 | 5·5 | 3 | 9·5 | 5 |
| 6·5 | 4·6 | 5·1 | 5·4 | 3·5 | 3·8 | 1·5 | 2·9 | 10·9 | 10·9 | 25 | 1 | 1 | 34 | 21 | 0·5 | 1 | 3 | 23 | 2 | 8·5 | — |
| 6·5 | 4·5 | 6·0 | 5·7 | 2·6 | 2·2 | 1·6 | 2·1 | 26·2 | 24·0 | 29 | 3 | 2 | 26 | 9·5 | 2 | 3·5 | 11·5 | 16·5 | 2 | 17 | 2 |
| 15·1 | 12·5 | 13·5 | 13·7 | 4·6 | 5·1 | 3·7 | 4·5 | 38·8 | 21·7 | 26 | 6 | 6 | 0·5 | 1 | 2·5 | 9·5 | 33 | 38 | 5 | 2·5 | 1 |
| 15·9 | 14·3 | 15·3 | 15·2 | 5·4 | 5·4 | 4·9 | 5·2 | 119·2 | 39·1 | 14 | 10 | 9 | 1·5 | 2·5 | 5·5 | 12 | 20 | 37·5 | 7 | 5 | 2 |
| 15·2 | 13·9 | 14·8 | 14·6 | 3·9 | 4·4 | 4·0 | 4·1 | 56·7 | 16·3 | 17 | 5 | 5 | 3 | 0·5 | 3 | 14 | 12 | 30 | 11 | 10·5 | 6 |
| 10·4 | 9·1 | 10·8 | 10·1 | 3·0 | 3·4 | 2·6 | 3·0 | 64·2 | 36 9 | 7 | 4 | 4 | 20 | 26·5 | 7 | 2·5 | 3 | 21·5 | 3·5 | 9 | — |
| 4·3 | 4·1 | 4·7 | 4·4 | 1·3 | 1·8 | 0·5 | 1·2 | 0·0 | 0·0 | — | — | — | 29·5 | 31 | — | — | — | — | — | 29·5 | — |
| 3·2 | 3·1 | 3·6 | 3·3 | 1·6 | 2·9 | 0·2 | 1·6 | 0·0 | 0·0 | — | — | — | 28·5 | 49·5 | 4 | — | — | — | — | 11 | — |
| 7·4 | 6·3 | 7·1 | 6·9 | 2·7 | 3·1 | 1·8 | 2·5 | 317·6 | — | — | 30 | 28 | 359·5 | 216·5 | 26·5 | 45 | 88 | 174 | 34·5 | 132 | 19 |

## at GALLABAT for the year 1913.

H = 764·0 m. $h_t$ = 1·4 m. $h_r$ = 1·7 m. $C_h$ = + 62 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·5 | 4·8 | 5·6 | 6·0 | 0·4 | 0·4 | 0·6 | 0·5 | 0·0 | 0·0 | — | — | — | 40 | 8 | 17 | 1 | 2 | — | 9 | 1 | 15 |
| 7·6 | 4·1 | 4·9 | 5·5 | 1·3 | 1·6 | 1·5 | 1·5 | 0·0 | 0·0 | — | — | — | 50 | — | 7 | 1 | 1 | — | 16 | — | 9 |
| 6·1 | 4·6 | 5·1 | 5·3 | 2·0 | 1·9 | 0·8 | 1·6 | 0·0 | 0·0 | — | — | — | 59 | — | 6 | 1 | 9 | — | 10 | 3 | 5 |
| 7·9 | 5·6 | 6·3 | 6·6 | 3·0 | 3·9 | 5·1 | 4·0 | 38·0 | 28·0 | 25 | 5 | 5 | 32 | — | 14 | — | 13 | 1 | 28 | — | 2 |
| 11·9 | 8·8 | 9·9 | 10·2 | 3·2 | 5·3 | 5·4 | 4·6 | 131·0 | 38·0 | 4 | 7 | 7 | 24 | — | 7 | 3 | 18 | 2 | 34 | 5 | — |
| 10·0 | 6·7 | 7·6 | 8·1 | 3·0 | 3·8 | 5·4 | 4·1 | 57·0 | 15·0 | 27, 29 | 8 | 8 | 11 | 1 | 4 | 1 | 39 | 4 | 27 | 3 | — |
| 15·6 | 14·2 | 15·1 | 15·0 | 6·0 | 4·5 | 8·1 | 6·2 | 216·0 | 38·0 | 16 | 15 | 15 | 5 | — | 7 | 1 | 59 | 3 | 17 | 1 | — |
| 16·7 | 16·5 | 17·2 | 16·8 | 6·7 | 7·2 | 9·9 | 7·9 | 187·0 | 41·0 | 4 | 24 | 24 | 6 | — | 18 | 2 | 46 | 1 | 20 | — | — |
| 16·4 | 15·1 | 16·2 | 15·9 | 3·8 | 6·2 | 6·6 | 5·5 | 52·0 | 17·0 | 9 | 11 | 11 | 7 | — | 28 | — | 42 | — | 13 | — | — |
| 11·5 | 8·7 | 10·3 | 10·2 | 1·5 | 4·9 | 2·0 | 2·8 | 0·0 | 0·0 | — | — | — | 8 | — | 21 | — | 46 | — | 18 | — | — |
| 7·7 | 5·0 | 6·1 | 6·3 | 0·3 | 3·0 | 0·9 | 1·4 | 0·0 | 0·0 | — | — | — | 29 | 2 | 26 | 1 | 21 | — | 8 | 3 | — |
| 6·4 | 3·9 | 4·9 | 5·1 | 0·4 | 0·1 | 0·1 | 0·2 | 0·0 | 0·0 | — | — | — | 62 | — | 26 | — | 3 | — | 2 | — | — |
| 10·4 | 8·2 | 9·1 | 9·2 | 2·0 | 3·6 | 3·9 | 3·4 | 681·0 | — | — | 70 | 70 | 333 | 11 | 181 | 11 | 299 | 11 | 202 | 16 | 31 |

## Summary of Meteorological Observations

$\varphi = 11° 51'$ N. $\lambda = 34° 23'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 715·90 | 720·1 | 713·2 | 21·0 | — | 28·2 | 24·6 | 36·0 | 15·9 | 38·0 | 17, 27 | 12·0 | 18 | 60 | — | 52 | 56 |
| February | 16·10 | 19·8 | 11·7 | 21·4 | — | 28·3 | 24·8 | 34·9 | 16·9 | 39·0 | 14 | 12·0 | 8, 20 | 54 | — | 48 | 51 |
| March | 17·59 | 24·3 | 14·0 | 22·6 | — | 28·8 | 25·7 | 35·9 | 16·7 | 40·0 | 20, 25 | 12·0 | 6, 9, 14 | 43 | — | 40 | 42 |
| April | 15·88 | 19·7 | 12·2 | 27·6 | — | 31·6 | 29·6 | 38·8 | 21·2 | 43·0 | Several dates | 16·0 | 13 | 58 | — | 53 | 56 |
| May | 16·98 | 20·0 | 13·4 | 28·1 | — | 28·8 | 28·4 | 37·6 | 22·5 | 41·0 | Several dates | 17·0 | 18 | 61 | — | 63 | 62 |
| June | 18·10 | 20·9 | 14·2 | 27·8 | — | 29·6 | 28·7 | 36·5 | 22·1 | 41·0 | 7, 12 | 17·0 | 2, 3 | 61 | — | 55 | 58 |
| July | 19·43 | 22·6 | 17·2 | 23·5 | — | 25·8 | 24·0 | 32·0 | 21·0 | 36·0 | 23 | 19·0 | 27 | 83 | — | 75 | 79 |
| August | 19·24 | 21·9 | 16·2 | 23·5 | — | 25·1 | 24·3 | 30·5 | 20·8 | 34·0 | 6, 7, 19 | 19·0 | Several dates | 85 | — | 82 | 84 |
| September | 18·18 | 20·3 | 15·5 | 24·5 | — | 26·1 | 25·3 | 31·3 | 20·6 | 36·0 | 3, 16, 25 | 19·0 | Several dates | 80 | — | 79 | 80 |
| October | 16·36 | 20·0 | 13·1 | 24·8 | — | 26·6 | 25·7 | 36·5 | 18·8 | 40·0 | Several dates | 14·5 | 31 | 72 | — | 68 | 70 |
| November | 15·48 | 18·1 | 12·7 | 23·9 | — | 28·8 | 26·4 | 37·3 | 16·0 | 38·0 | Several dates | 13·5 | 8 | 51 | — | 53 | 52 |
| December | 18·21 | 24·4 | 13·1 | 20·4 | — | 26·4 | 23·4 | 35·2 | 14·2 | 40·0 | 4 | 10·0 | 18 | 45 | — | 40 | 42 |
| Year | 717·29 | — | — | 24·1 | — | 27·8 | 26·0 | 35·2 | 18·9 | — | — | — | — | 63 | — | 59 | 61 |

## Summary of Meteorological Observations

$\varphi = 9° 53'$ N. $\lambda = 32° 8'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January | 725·21 | 729·3 | 722·7 | 23·7 | 33·9 | 25·0 | 25·2 | 34·7 | 18·1 | 37·0 | 15, 16 | 12·5 | 24 | 32 | 17 | 33 | 32 |
| February | 24·11 | 28·7 | 20·1 | 25·0 | 35·1 | 27.4 | 27·1 | 36·4 | 20·8 | 40·2 | 25 | 17·2 | 13 | 17 | 10 | 19 | 18 |
| March | 24·06 | 29·5 | 20·0 | 26·1 | 36·2 | 29·1 | 28·1 | 37·2 | 21·1 | 41·0 | 3 | 16·0 | 8, 9 | 13 | 7 | 14 | 14 |
| April | 22·78 | 26·7 | 19·6 | 29·1 | 36·7 | 30·7 | 30·0 | 38·1 | 23·5 | 41·7 | 12 | 20·0 | 23 | 41 | 25 | 36 | 38 |
| May | 23·86 | 27·3 | 21·0 | 27·2 | 33·9 | 28·1 | 27·8 | 36·0 | 22·2 | 39·5 | 17, 18 | 20·0 | 30 | 60 | 36 | 56 | 58 |
| June | 25·23 | 29·3 | 21·7 | 26·7 | 33·7 | 27·7 | 27·4 | 35·5 | 21·7 | 39·4 | 7 | 17·5 | 4 | 62 | 35 | 53 | 58 |
| July | 26·08 | 29·9 | 23·1 | 24·4 | 30·3 | 25·3 | 25·3 | 32·0 | 21·1 | 36·0 | 19 | 19·3 | 5 | 77 | 51 | 75 | 76 |
| August | 25·58 | 28·5 | 23·2 | 25·0 | 30·3 | 25·3 | 25·4 | 32·1 | 20·9 | 36·6 | 31 | 19·0 | 18, 21 | 79 | 54 | 76 | 78 |
| September | 24·63 | 27·7 | 21·6 | 25·1 | 32·2 | 25·1 | 25·8 | 33·7 | 20·7 | 36·7 | 2, 28 | 19·0 | 14 | 77 | 47 | 78 | 78 |
| October | 24·80 | 27·9 | 20·6 | 25·8 | 33·7 | 25·3 | 26·2 | 34·6 | 19·8 | 38·0 | 24 | 13·8 | 30 | 66 | 36 | 68 | 67 |
| November | 24·70 | 28·1 | 21·5 | 25·5 | 35·3 | 25·9 | 25·9 | 36·3 | 16·9 | 38·0 | 29, 30 | 13·6 | 7 | 23 | 13 | 27 | 25 |
| December | 25·78 | 30·7 | 21·6 | 23·2 | 33·6 | 24·6 | 24·6 | 34·5 | 16·9 | 40·2 | 2 | 12·5 | 18 | 18 | 10 | 21 | 20 |
| Year | 724·74 | — | — | 25·6 | 33·7 | 26·6 | 26·6 | 35·1 | 20·3 | — | — | — | — | 47 | 28 | 46 | 47 |

## at ROSEIRES for the year 1913.

H = 466·9 m. $h_t$ = 1·6 m. $h_r$ = 1·1 m. $C_h$ = + 39 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 10·8 | — | 14·5 | 12·6 | 0·0 | — | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | 26 | — | — | — | — | — | 4 | 32 | — |
| 10·3 | — | 13·7 | 12·0 | 0·2 | — | 0·0 | 0·1 | 0·0 | 0·0 | — | — | — | 32 | — | — | — | — | — | 4 | 20 | — |
| 8·8 | — | 11·7 | 10·2 | 0·4 | — | 0·2 | 0·3 | 0·0 | 0·0 | — | — | — | 37 | — | — | — | 1 | 1 | 1 | 22 | — |
| 15·8 | — | 18·3 | 17·0 | 0·9 | — | 1·1 | 1·0 | 10·0 | 5·0 | 19 | 4 | 4 | 17 | — | — | — | 25 | 8 | 2 | 8 | — |
| 17·1 | — | 18·3 | 17·7 | 2·2 | — | 2·5 | 2·4 | 24·0 | 12·0 | 9 | 5 | 5 | 6 | — | 1 | — | 39 | 10 | 2 | 4 | — |
| 16·7 | — | 16·8 | 16·8 | 2·2 | — | 2·6 | 2·4 | 33·0 | 14·0 | 18 | 5 | 5 | 4 | 1 | — | 1 | 31 | 18 | 4 | 1 | — |
| 17·9 | — | 18·3 | 18·1 | 5·2 | — | 5·4 | 5·3 | 115·0 | 25·0 | 26 | 13 | 13 | 4 | — | — | 2 | 45 | 9 | — | 2 | — |
| 18·2 | — | 19·4 | 18·8 | 4·3 | — | 3·7 | 4·0 | 76·0 | 30·0 | 24 | 8 | 8 | 7 | — | — | 1 | 41 | 10 | 1 | 2 | — |
| 18·3 | — | 19·9 | 19·1 | 2·1 | — | 4·7 | 3·4 | 126·0 | 52·0 | 4 | 7 | 7 | 5 | 1 | 1 | 4 | 32 | 14 | 2 | 1 | — |
| 16·7 | — | 17·2 | 17·0 | 1·6 | — | 2·0 | 1·8 | 48·8 | 44·0 | 2 | 2 | 2 | 3 | 1 | 9 | 4 | 13 | 10 | 10 | 2 | 10 |
| 11·4 | — | 15·7 | 13·6 | 0·7 | — | 0·5 | 0·6 | 0·0 | 0·0 | — | — | — | 11 | 2 | 16 | — | — | — | 21 | 9 | 1 |
| 8·1 | — | 10·2 | 9·2 | 1·0 | — | 0·3 | 0·6 | 0·0 | 0·0 | — | — | — | 12 | — | 1 | 1 | 4 | 2 | 18 | 14 | 10 |
| 14·2 | — | 16·2 | 15·2 | 1·7 | — | 1·9 | 1·8 | 432·8 | — | — | 44 | 44 | 164 | 5 | 28 | 13 | 231 | 82 | 69 | 117 | 21 |

## at KODOK for the year 1913.

H = 387·5 m. $h_t$ = 1·7 m. $h_r$ = 1·4 m. $C_h$ = + 32 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 7·0 | 6·8 | 7·8 | 7·2 | 1·4 | 0·8 | 0·0 | 0·7 | 0·0 | 0·0 | — | — | — | 46 | 43 | 2 | — | — | — | — | 2 | — |
| 4·2 | 4·1 | 5·2 | 4·5 | 2·9 | 2·5 | 0·9 | 2·1 | 0·0 | 0·0 | — | — | — | 26 | 38·5 | 4·5 | 1·5 | 1 | 2 | 1·5 | 5 | 4 |
| 3·5 | 3·3 | 4·2 | 3·7 | 2·1 | 1·8 | 1·2 | 1·7 | 0·0 | 0·0 | — | — | — | 15·5 | 49 | 8 | 1 | 4·5 | 3·5 | 1·5 | 4 | 6 |
| 11·3 | 9·8 | 10·7 | 10·6 | 4·3 | 5·1 | 3·0 | 4·1 | 62·6 | 40·0 | 22 | 3 | 3 | 1·5 | 12 | 5 | 10 | 11·5 | 22·5 | 4 | 5·5 | 18 |
| 15·6 | 13·1 | 15·3 | 14·7 | 5·4 | 6·3 | 3·6 | 5·1 | 65·3 | 42·0 | 7 | 4 | 4 | 0·5 | 1·5 | 2·5 | 18·5 | 17 | 30 | 8 | 1 | 14 |
| 15·8 | 12·5 | 13·9 | 14·1 | 4·5 | 5·9 | 3·7 | 4·7 | 132·0 | 53·0 | 27 | 6 | 6 | 1 | 3 | 0·5 | 13·5 | 15·5 | 35 | 6·5 | 4 | 11 |
| 17·4 | 15·9 | 17·8 | 17·0 | 7·5 | 6·7 | 5·2 | 6·5 | 156·3 | 77·7 | 20 | 10 | 10 | 0·5 | 2·5 | 4·5 | 9·5 | 23·5 | 34 | 8 | 3·5 | 7 |
| 18·4 | 17·1 | 18·0 | 17·8 | 6·9 | 6·4 | 5·5 | 6·3 | 43·3 | 14·3 | 3 | 8 | 8 | 4·5 | 8·5 | 3·5 | 14·5 | 18·5 | 22·5 | 5·5 | 2·5 | 13 |
| 18·0 | 16·2 | 18·2 | 17·5 | 6·6 | 5·6 | 4·8 | 5·7 | 120·7 | 48·7 | 9 | 8 | 7 | 2·5 | 8·5 | 7 | 27 | 12·5 | 10 | 6 | 5·5 | 11 |
| 16·3 | 13·8 | 16·3 | 15·5 | 3·2 | 3·8 | 3·9 | 3·6 | 78·3 | 48·5 | 5 | 3 | 3 | 5·5 | 13 | 5 | 9 | 15·5 | 18 | 6 | 1 | 20 |
| 5·7 | 5·7 | 6·8 | 6·1 | 1·5 | 1·9 | 0·6 | 1·3 | 0·0 | 0·0 | — | — | — | 24 | 44·5 | 11 | — | — | — | — | 0·5 | 10 |
| 4·1 | 4·1 | 5·0 | 4·4 | 2·2 | 2·6 | 0·8 | 1·9 | 0·0 | 0·0 | — | — | — | 36·5 | 43 | 2·5 | — | — | — | 0·5 | 1·5 | 9 |
| 11·4 | 10·2 | 11·6 | 11·1 | 4·0 | 4·1 | 2·8 | 3·6 | 658·5 | — | — | 42 | 41 | 164 | 267 | 56 | 104·5 | 119·5 | 177·5 | 47·5 | 36 | 123 |

## Summary of Meteorological Observations

$\varphi = 7° 42'$ N. $\lambda = 28° 3'$ E. of Greenwich.

| Month | Standard 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. | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 720·57 | 724·3 | 717·4 | 21·1 | 34·3 | 26·2 | 24·9 | 35·4 | 17·9 | 38·5 | 17 | 15·0 | 2, 20 | 36 | 9 | 25 | 30 |
| February ... ... ... ... ... | 19·62 | 22·4 | 16·9 | 24·2 | 35·7 | 28·6 | 27·0 | 36·6 | 19·4 | 39·5 | 24, 25 | 15·0 | 28 | 37 | 12 | 24 | 30 |
| March ... ... ... ... ... ... | 19·93 | 24·1 | 17·3 | 24·2 | 35·7 | 27·0 | 26·5 | 36·5 | 19·0 | 40·5 | 2, 18 | 12·0 | 10 | 30 | 9 | 24 | 27 |
| April ... ... ... ... ... ... | 19·05 | 23·4 | 16·5 | 26·7 | 36·0 | 28·1 | 28·4 | 36·6 | 22·8 | 40·5 | 11 | 20·0 | 3, 28, 29 | 62 | 31 | 55 | 58 |
| May ... ... ... ... ... ... | 19·67 | 23·6 | 17·0 | 26·4 | 32·6 | 27·5 | 27·0 | 33·5 | 21·7 | 37·5 | 17, 21 | 19·0 | 30 | 67 | 45 | 63 | 65 |
| June ... ... ... ... ... ... | 20·93 | 23·9 | 17·8 | 26·0 | 32·6 | 27·1 | 26·9 | 33·9 | 22·0 | 38·5 | 6, 8 | 20·0 | 19, 28 | 68 | 44 | 63 | 66 |
| July ... ... ... ... ... ... | 21·32 | 24·3 | 19·1 | 24·0 | 30·2 | 25·6 | 25·2 | 31·7 | 20·8 | 34·5 | Several dates | 19·0 | 10, 22 | 77 | 53 | 73 | 75 |
| August ... ... ... ... ... ... | 21·01 | 23·7 | 18·4 | 24·4 | 30·5 | 25·0 | 25·1 | 32·0 | 20·4 | 37·0 | 31 | 18·5 | 16, 21, 25 | 78 | 55 | 76 | 77 |
| September ... ... ... ... ... | 20·42 | 22·8 | 17·2 | 24·8 | 32·0 | 25·2 | 25·6 | 34·2 | 20·4 | 37·5 | 28 | 18·5 | 1, 20 | 78 | 48 | 78 | 78 |
| October ... ... ... ... ... | 20·78 | 24·2 | 17·3 | 23·9 | 31·9 | 24·7 | 25·2 | 33·8 | 20·1 | 38·0 | 19, 20 | 16·0 | 31 | 81 | 46 | 79 | 80 |
| November ... ... ... ... ... | 20·39 | 23·3 | 18·0 | 25·1 | 35·2 | 26·9 | 26·3 | 36·1 | 18·1 | 38·0 | 19, 30 | 15·0 | 9 | 37 | 15 | 34 | 36 |
| December ... ... ... ... ... | 21·11 | 26·6 | 17·4 | 23·4 | 34·3 | 26·6 | 25·4 | 35·2 | 17·2 | 39·0 | 2 | 13·5 | 24, 25 | 31 | 14 | 26 | 28 |
| Year ... ... ... | 720·40 | — | — | 24·5 | 33·4 | 26·5 | 26·1 | 34·6 | 20·0 | — | — | — | — | 57 | 32 | 52 | 54 |

## Summary of Meteorological Observations

$\varphi = 5° 11'$ N. $\lambda = 31° 47'$ E. of Greenwich.

| Month | Standard 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 | Mean |
| **1913** | | | | | | | | | | | | | | | | | |
| January ... ... ... ... ... | 718·98 | 724·5 | 716·1 | 24·2 | 34·3 | 27·3 | 25·9 | 36·2 | 17·9 | 38·5 | 28 | 17·0 | Several dates | 59 | 29 | 50 | 54 |
| February ... ... ... ... ... | 18·24 | 22·3 | 14·7 | 25·3 | 34·6 | 28·8 | 27·0 | 36·6 | 19·5 | 39·0 | 18, 25 | 18·0 | 19, 23 | 64 | 31 | 51 | 58 |
| March ... ... ... ... ... ... | 18·29 | 22·5 | 14·7 | 25·0 | 34·6 | 28·8 | 26·9 | 36·6 | 19·2 | 40·0 | 4, 19 | 17·0 | 9 | 62 | 31 | 48 | 55 |
| April ... ... ... ... ... ... | 17·85 | 22·2 | 14·8 | 24·8 | 33·4 | 27·5 | 26·7 | 35·0 | 21·0 | 38·5 | 12, 13, 16 | 19·5 | 23, 29 | 76 | 39 | 64 | 70 |
| May ... ... ... ... ... ... | 18·97 | 22·7 | 16·0 | 23·9 | 31·7 | 26·7 | 25·7 | 33·1 | 20·4 | 35·5 | 17, 24, 28 | 18·5 | 2 | 79 | 46 | 69 | 74 |
| June ... ... ... ... ... ... | 20·62 | 24·7 | 17·6 | 23·7 | 30·8 | 25·7 | 25·3 | 32·8 | 21·1 | 39·0 | 12 | 19·5 | 20 | 83 | 51 | 77 | 80 |
| July ... ... ... ... ... ... | 21·38 | 23·2 | 19·1 | 22·8 | 29·4 | 24·2 | 24·1 | 31·8 | 20·1 | 35·0 | 14 | 18·0 | 6 | 87 | 59 | 84 | 86 |
| August ... ... ... ... ... ... | 20·79 | 23·3 | 18·0 | 23·5 | 31·4 | 25·1 | 25·0 | 33·1 | 20·1 | 37·5 | 30 | 18·5 | 25, 26 | 82 | 47 | 76 | 79 |
| September ... ... ... ... ... | 19·56 | 22·7 | 15·5 | 25·2 | 33·1 | 26·7 | 26·3 | 34·8 | 20·2 | 39·0 | 28 | 18·0 | 28, 29 | 70 | 37 | 64 | 67 |
| October ... ... ... ... ... | 19·66 | 23·2 | 16·0 | 25·0 | 32·2 | 26·1 | 26·0 | 33·7 | 20·5 | 37·5 | 19, 23 | 18·5 | 1 | 74 | 44 | 70 | 72 |
| November ... ... ... ... ... | 19·30 | 22·5 | 15·9 | 25·2 | 33·1 | 26·8 | 26·4 | 34·7 | 20·6 | 39·0 | 20 | 18·5 | 20 | 67 | 37 | 60 | 64 |
| December ... ... ... ... ... | 19·75 | 25·0 | 15·9 | 24·0 | 34·1 | 27·1 | 26·0 | 35·3 | 18·9 | 39·5 | 2, 3 | 14·5 | 21 | 50 | 21 | 41 | 46 |
| Year ... ... ... | 719·45 | — | — | 24·4 | 32·7 | 26·7 | 25·9 | 34·5 | 20·0 | — | — | — | — | 71 | 39 | 63 | 67 |

## at WAU for the year 1913.

H = 440·0 m. $h_t$ = 1·2 m. $h_r$ = 1·3 m. $C_h$ = + 37 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 6·7 | 3·8 | 6·4 | 5·6 | 2·1 | 1·8 | 1·9 | 1·9 | 0·0 | 0·0 | — | — | — | 1 | 67 | 4·5 | 17 | 1·5 | 2 | — | — | — |
| 8·5 | 5·4 | 7·2 | 7·0 | 3·6 | 3·0 | 2·7 | 3·1 | Drops | Drops | 6, 13 | — | — | — | 41 | 4 | 31·5 | 0·5 | 6 | — | 1 | — |
| 7·0 | 3·7 | 6·3 | 5·7 | 3·3 | 3·0 | 2·8 | 3·0 | 15·5 | 15·5 | 31 | 1 | 1 | — | 55 | 4 | 12 | — | 19 | — | 3 | — |
| 16·1 | 13·0 | 15·2 | 14·8 | 3·9 | 4·2 | 3·7 | 3·9 | 113·6 | 39·3 | 21 | 9 | 7 | — | 3·5 | 1 | 25·5 | 2·5 | 52·5 | 1 | 4 | — |
| 17·0 | 15·8 | 16·8 | 16·5 | 3·0 | 3·5 | 3·5 | 3·3 | 60·4 | 29·8 | 29 | 8 | 7 | — | 1 | — | 19·5 | 0·5 | 68 | — | 4 | — |
| 16·8 | 15·7 | 16·6 | 16·4 | 3·0 | 3·6 | 4·2 | 3·6 | 99·2 | 39·6 | 18 | 6 | 6 | — | — | — | 11·5 | 3·5 | 75 | — | — | — |
| 17·0 | 16·7 | 17·7 | 17·1 | 3·7 | 2·9 | 3·8 | 3·5 | 143·3 | 34·7 | 28 | 12 | 11 | — | — | 0·5 | 11·5 | — | 79·5 | 0·5 | 1 | — |
| 17·6 | 17·5 | 17·8 | 17·6 | 3·0 | 3·0 | 3·5 | 3·2 | 229·0 | 68·6 | 20 | 11 | 11 | 0·5 | — | — | 14·5 | 1·5 | 73·5 | 0·5 | 2·5 | — |
| 17·9 | 17·0 | 18·4 | 17·8 | 2·6 | 2·4 | 2·6 | 2·5 | 86·9 | 29·7 | 23 | 6 | 6 | — | 5 | — | 33 | — | 43 | — | 9 | — |
| 17·7 | 15·8 | 18·0 | 17·2 | 2·5 | 2·1 | 2·7 | 2·4 | 118·5 | 27·0 | 7 | 10 | 10 | — | 7 | — | 45 | 1·5 | 35·5 | — | 4 | — |
| 8·6 | 6·4 | 8·9 | 8·0 | 0·3 | 0·2 | 0·2 | 0·2 | 0·0 | 0·0 | — | — | — | — | 70 | — | 14 | — | 1 | — | 5 | — |
| 6·9 | 6·1 | 7·0 | 6·7 | 0·2 | 0·0 | 0·0 | 0·1 | 0·0 | 0·0 | — | — | — | 0·5 | 82·5 | — | 6 | — | — | — | 4 | — |
| 13·2 | 11·4 | 13·0 | 12·5 | 2·6 | 2·5 | 2·6 | 2·6 | 866·4 | — | — | 63 | 59 | 2 | 332 | 14 | 241 | 11·5 | 455 | 2 | 37·5 | — |

## at MONGALLA for the year 1913

H = 439·0 m. $h_t$ = 1·3 m. $h_r$ = 1·0 m. $C_h$ = + 37 mm.

| Vapour Pressure (mm.) | | | | Clouds (0—10) | | | | Rainfall (mm.) | | | Days with | | Wind-Direction Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥0·1 mm. of rain | ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
| 13·3 | 11·5 | 13·4 | 12·7 | 1·4 | 2·1 | 0·3 | 1·3 | 0·0 | 0·0 | — | — | — | 28·5 | 9 | 6 | 3 | 7·5 | 3 | 24 | 12 | — |
| 15·2 | 12·6 | 14·7 | 14·2 | 5·0 | 5·0 | 2·9 | 4·3 | 6·0 | 3·0 | 5, 11 | 2 | 2 | 8·5 | 18·5 | 24 | 8 | 2 | 1 | — | 1 | 21 |
| 14·4 | 12·5 | 14·0 | 13·6 | 3·9 | 4·8 | 3·4 | 4·0 | 16·0 | 6·0 | 29 | 4 | 4 | 9 | 20 | 12·5 | 6 | 8·5 | 1·5 | 0·5 | 1 | 28 |
| 17·4 | 14·7 | 17·3 | 16·5 | 6·0 | 6·1 | 5·9 | 6·0 | *100·7* | 22·5 | 25 | 10 | 10 | 1·5 | 7 | 16 | 13 | 18 | 8·5 | 0·5 | 1·5 | 24 |
| 17·4 | 15·9 | 17·9 | 17·1 | 5·5 | 6·0 | 4·5 | 5·3 | 126·2 | 28·0 | 29 | 12 | 12 | — | 1 | 6 | 20·5 | 21·5 | 9 | — | — | 35 |
| 17·9 | 16·6 | 18·7 | 17·7 | 4·3 | 4·5 | 4·5 | 4·4 | 72·8 | 29·5 | 19 | 7 | 7 | 1·5 | 0·5 | 4 | 11 | 30 | 10 | — | — | 33 |
| 17·7 | 17·3 | 18·7 | 17·9 | 6·0 | 6·3 | 4·9 | 5·7 | 113·5 | 39·5 | 20 | 7 | 7 | — | — | 13·5 | 13 | 12·5 | 3 | — | — | 51 |
| 17·6 | 15·6 | 17·8 | 17·0 | 6·1 | 6·6 | 4·4 | 5·7 | 27·9 | 8·5 | 16 | 7 | 6 | — | 3·5 | 13 | 9 | 9·5 | 3 | — | — | 55 |
| 16·3 | 13·4 | 16·3 | 15·3 | 5·2 | 6·1 | 3·9 | 5·1 | 76·0 | 68·0 | 4 | 3 | 3 | 1·5 | 2·5 | 17 | 10·5 | 8·5 | 3 | — | — | 47 |
| 17·2 | 15·2 | 17·4 | 16·6 | 5·4 | 7·1 | 5·8 | 6·1 | 122·5 | 70·0 | 7 | 10 | 10 | 0·5 | 0·5 | 14·5 | 6 | 23 | 8 | 4·5 | 1 | 35 |
| 15·8 | 13·5 | 15·6 | 15·0 | 5·5 | 5·8 | 4·5 | 5·3 | 16·5 | 4·0 | 4, 12, 29 | 5 | 5 | 5 | 3 | 29 | 12·5 | 8 | 2·5 | — | — | 30 |
| 11·1 | 8·2 | 10·8 | 10·0 | 3·5 | 3·5 | 2·2 | 3·1 | 4·5 | 4·5 | 14 | 1 | 1 | 7·5 | 4·5 | 19·5 | 10 | 12·5 | 3 | — | — | 36 |
| 15·9 | 13·9 | 16·0 | 15·3 | 4·8 | 5·3 | 3·9 | 4·7 | 682·6 | — | — | 68 | 67 | 63·5 | 76 | 175 | 122·5 | 161·5 | 55·5 | 29·5 | 16·5 | 395 |

## Summary of Meteorological Observations at DAMIETTA for the year 1913.

$\varphi = 31° 25'$ N. $\lambda = 31° 49'$ E. of Greenwich. H = 2·2 m. $h_t$ = 2·0 m.

| Month | Temperature (Centigrade) | | | | | | | Rainfall (mm.) | | | Days with | | Wind-Direction | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
| **1913** | | | | | | | | | | | | | | | | | | | | | |
| January ... ... ... | 13·2 | 16·4 | 9·9 | 17·7 | 28 | 7·7 | 9, 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| February ... ... | 13·3 | 16·5 | 10·1 | 22·7 | 23 | 5·7 | 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| March ... ... ... | 15·2 | 18·5 | 12·0 | 24·5 | 29 | 7·0 | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| April ... ... ... | 18·7 | 21·8 | 15·6 | 28·3 | 11 | 11·8 | 2, 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| May ... ... ... | 21·0 | 24·2 | 17·8 | 28·0 | 6, 20 | 15·2 | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| June ... ... ... | 23·6 | 26·9 | 20·4 | 31·4 | 28 | 16·3 | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| July ... ... ... | 25·7 | 28·6 | 22·8 | 34·3 | 13 | 20·2 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| August ... ... ... | 26·0 | 29·1 | 22·9 | 31·8 | 23 | 20·3 | 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| September ... ... | 25·8 | 28·4 | 23·2 | 30·5 | 14 | 21·0 | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| October ... ... ... | 23·4 | 26·1 | 20·8 | 28·3 | 9 | 17·0 | 26, 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| November ... ... | 18·4 | 21·2 | 15·5 | 23·5 | 2 | 12·7 | 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| December ... ... | 13·8 | 17·0 | 10·5 | 20·0 | 30 | 7·0 | 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Year ... ... | 19·8 | 22·9 | 16·8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## Summary of Meteorological Observations at NEKHL for the year 1913.

$\varphi = 29° 54'$ N. $\lambda = 33° 45'$ E. of Greenwich. H = 400 m. $h_t$ = 1·3 m. $h_r$ = 1·0 m.

| Month | Temperature (Centigrade) | | | | | | | Rainfall (mm.) | | | Days with | | Wind-Direction | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Total mm. | Maximum 1 day Amount | Maximum 1 day Date | ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
| **1913** | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 8·1 | 16·4 | —0·2 | 17·8 | Several dates | —2·2 | 28,29,30 | 1·5 | 1·5 | 4 | 1 | 1 | 9 | — | — | — | — | — | 18 | 4 | — |
| February ... ... | 9·2 | 18·4 | 0·1 | 26·7 | 24 | —6·7 | 4, 5 | 11·5 | 5·5 | 6 | 3 | 3 | — | — | — | — | — | — | 28 | — | — |
| March ... ... ... | 13·8 | 22·8 | 4·8 | 33·3 | 26 | 0·0 | 16, 18 | 0·0 | 0·0 | — | — | — | — | 5 | — | — | — | 2 | 21 | 3 | — |
| April ... ... ... | 19·6 | 29·9 | 9·2 | 37·8 | 16 | 4·4 | 6,7,12 | 0·0 | 0·0 | — | — | — | — | 2 | — | — | — | 4 | 21 | 3 | — |
| May ... ... ... | 20·6 | 30·2 | 11·1 | 35·6 | 20,21,23 | 7·8 | 6, 10 | 0·0 | 0·0 | — | — | — | 4 | 7 | — | — | — | — | 15 | 5 | — |
| June ... ... ... | 22·2 | 32·0 | 12·4 | 34·4 | 11,22,23 | 7·8 | 1 | 0·0 | 0·0 | — | — | — | 4 | 12 | 1 | — | — | 3 | 9 | 1 | — |
| July ... ... ... | 24·0 | 34·2 | 13·8 | 41·1 | 13 | 10·6 | 3, 4, 5 | 0·0 | 0·0 | — | — | — | 2 | 14 | — | 2 | — | 2 | 5 | 6 | — |
| August ... ... ... | 26·7 | 35·8 | 17·6 | 38·9 | 22, 25 | 11·7 | 2, 6 | 0·0 | 0·0 | — | — | — | 3 | 12 | — | — | — | — | 5 | 11 | — |
| September ... ... | 24·1 | 33·4 | 14·8 | 35·6 | 17, 28 | 10·0 | 26, 29 | 0·0 | 0·0 | — | — | — | 7 | 16 | 1 | 1 | — | — | 2 | 3 | — |
| October ... ... | 21·7 | 31·1 | 12·3 | 33·3 | 19, 31 | 10·0 | 22, 24 | 0·0 | 0·0 | — | — | — | — | 10 | 1 | — | — | 9 | 11 | — | — |
| November ... ... | 14·0 | 24·2 | 3·9 | 27·8 | 17 | 0·0 | 27,28,29 | 0·0 | 0·0 | — | — | — | — | — | — | — | 2 | 13 | 15 | — | — |
| December ... ... | 9·8 | 17·8 | 1·7 | 27·8 | 2 | —0·6 | 10 | 4·3 | 3·0 | 23 | 3 | 2 | — | — | — | — | — | — | — | — | — |
| Year ... ... | 17·8 | 27·2 | 8·5 | — | — | — | — | 17·3 | — | — | 7 | 6 | 29 | 78 | 3 | 3 | 2 | 33 | 150 | 36 | — |

## Summary of Meteorological Observations at CAIRO (EZBEKIA) for the year 1913.

$\varphi = 30° 3'$ N. $\lambda = 31° 15'$ E. of Greenwich. H = 22·0 m. $h_t = 1·5$ m. $h_r = 1·0$ m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Maximum 1 day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | Wind-Direction Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 10·4 | 13·8 | 19·7 | 7·8 | 21·1 | 31 | 5·5 | 5 | 84 | 7·8 | 2·4 | Drops | Drops | Several dates | — | — | 1 | — | — | 1 | 7 | — | — | 1 | 21 |
| February ... ... | 11·0 | 14·2 | 20·6 | 7·7 | 29·5 | 23 | 3·7 | 8 | 77 | 7·6 | 3·0 | 5·4 | 5·4 | 13 | 1 | 1 | — | — | — | 1 | 9 | 1 | — | — | 17 |
| March... ... ... | 13·1 | 16·0 | 23·3 | 8·7 | 32·2 | 28 | 4·8 | 15 | 75 | 8·4 | 2·2 | 0·3 | 0·3 | 12 | 1 | — | 3 | 1 | — | — | 1 | — | — | — | 26 |
| April ... ... ... | 18·8 | 21·1 | 28·5 | 13·7 | 36·9 | 15 | 9·9 | 6 | 66 | 10·7 | 3·9 | 0·0 | 0·0 | — | — | — | 11 | — | — | — | — | 1 | 1 | — | 17 |
| May ... ... ... | 22·0 | 23·1 | 30·1 | 16·1 | 35·9 | 22 | 13·8 | 1 | 60 | 11·8 | 2·6 | 4·1 | 4·1 | 16 | 1 | 1 | 4 | — | — | 1 | 2 | 1 | — | 2 | 21 |
| June ... ... ... | 23·4 | 25·4 | 33·0 | 17·9 | 36·9 | 28 | 15·3 | 1 | 69 | 14·6 | 1·9 | 0·0 | 0·0 | — | — | — | 9 | — | — | — | — | — | — | 2 | 19 |
| July ... ... ... | 25·2 | 27·1 | 34·5 | 19·7 | 41·3 | 13 | 16·8 | 26 | 68 | 16·1 | 2·1 | 0·0 | 0·0 | — | — | — | 15 | — | — | — | — | — | 1 | — | 15 |
| August ... ... | 25·0 | 27·4 | 34·1 | 20·8 | 39·1 | 2 | 18·9 | 1 | 74 | 17·5 | 2·1 | 0·0 | 0·0 | — | — | — | 3 | — | — | — | — | — | — | — | 28 |
| September ... ... | 23·7 | 26·2 | 32·6 | 19·8 | 36·2 | 15 | 17·5 | 27 | 79 | 17·0 | 4·2 | 0·0 | 0·0 | — | — | — | 1 | — | — | — | — | — | — | 2 | 27 |
| October ... ... | 21·1 | 23·8 | 30·2 | 17·5 | 35·1 | 17 | 12·9 | 28 | 78 | 14·6 | 2·4 | Drops | Drops | 8 | — | — | 2 | — | — | — | 7 | 2·5 | 0·5 | 1 | 18 |
| November ... ... | 15·2 | 18·2 | 24·2 | 12·2 | 27·8 | 2 | 9·5 | 15 | 77 | 10·0 | 1·7 | Drops | Drops | 22,23,24 | — | — | — | 1 | — | — | 2 | — | — | 8 | 19 |
| December ... ... | 10·7 | 14·0 | 19·4 | 8·5 | 24·7 | 30 | 3·6 | 26 | 76 | 7·3 | 5·0 | 3·3 | 2·7 | 21 | 2 | 1 | 0·5 | — | — | — | 8 | 6 | — | 2·5 | 14 |
| Year ... ... | 18·3 | 20·9 | 27·5 | 14·2 | — | — | — | — | 74 | 12·0 | 2·8 | 13·1 | — | — | 5 | 3 | 49·5 | 2 | — | 3 | 36 | 11·5 | 2·5 | 18·5 | 242 |

## Summary of Meteorological Observations at BENI SUEF for the year 1913.

$\varphi = 29° 4'$ N. $\lambda = 31° 6'$ E. of Greenwich. H = 28·4 m. $h_t = 1·6$ m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Maximum 1 day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | Wind-Direction Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 9·8 | 11·8 | 20·0 | 3·6 | 22·0 | 27 | 2·4 | 8, 9 | 82 | 7·3 | 0·0 | — | — | — | — | — | — | 1 | 7 | — | 11 | — | 11 | — | 1 |
| February ... ... | 12·8 | 13·1 | 20·8 | 5·4 | 25·1 | 22 | 3·7 | 4, 28 | 76 | 8·3 | 0·5 | — | — | — | — | — | 3 | 5 | — | — | 8 | 9 | 3 | — | — |
| March... ... ... | 14·6 | 15·0 | 23·9 | 6·1 | 30·8 | 28 | 4·2 | Several dates | 72 | 8·9 | 0·0 | — | — | — | — | — | 18 | 7 | — | — | — | — | 3 | 3 | — |
| April ... ... ... | 19·6 | 20·3 | 29·6 | 11·0 | 38·7 | 30 | 8·2 | 7, 11 | 61 | 10·3 | 0·0 | — | — | — | — | — | 13 | 2 | — | — | — | 1 | 3 | 10 | 1 |
| May ... ... ... | 23·4 | 22·5 | 32·1 | 12·9 | 38·1 | 24 | 10·2 | Several dates | 49 | 10·5 | 0·0 | — | — | — | — | — | 19 | — | 3 | — | — | — | 1 | 1 | 7 |
| June ... ... ... | 25·7 | 23·7 | 33·3 | 14·1 | 41·5 | 10 | 10·2 | 2 | 56 | 13·6 | 0·0 | — | — | — | — | — | 27 | — | — | — | — | — | — | 3 | — |
| July ... ... ... | 26·1 | 26·0 | 35·9 | 16·1 | 41·5 | 13 | 13·6 | 24 | 70 | 17·5 | 0·0 | — | — | — | — | — | 26 | 3 | — | — | — | — | — | 2 | — |
| August ... ... | 26·5 | 26·2 | 35·1 | 17·2 | 38·3 | 23 | 14·6 | 2 | 66 | 16·9 | 0·0 | — | — | — | — | — | 23 | 1 | — | — | — | 1 | — | 6 | — |
| September ... ... | 25·7 | 24·6 | 33·9 | 15·3 | 35·8 | 15 | 11·6 | 16 | 71 | 17·4 | 0·0 | — | — | — | — | — | 26·5 | 1 | — | — | — | — | 1 | 1·5 | — |
| October ... ... | 22·2 | 21·4 | 31·1 | 11·6 | 34·7 | 11, 17 | 7·2 | 28 | 57 | 11·4 | 0·1 | — | — | — | — | — | 22 | 4 | — | — | 1 | — | 1 | 1 | 2 |
| November ... ... | 15·9 | 15·0 | 23·3 | 6·7 | 26·1 | 1 | 4·7 | 16,26,27 | 61 | 8·2 | 0·4 | — | — | — | — | — | 13 | — | — | — | 17 | — | — | — | — |
| December ... ... | 11·2 | — | 19·1 | — | 23·6 | 2,29,30 | 1·9 | 22 | 61 | 6·1 | 1·8 | — | — | — | — | — | 3 | — | 1 | — | 21 | — | 6 | — | — |
| Year ... | 19·5 | 18·3 | 28·2 | 10·0 | — | — | — | — | 65 | 11·4 | 0·2 | — | — | — | — | — | 193·5 | 24 | 11 | — | 58 | 11 | 29 | 27·5 | 11 |

## Summary of Meteorological Observations at QENA for the year 1913.

$\varphi = 26^\circ\ 10'$ N. $\lambda = 32^\circ\ 43'$ E. of Greenwich. H = 73·0 m. $h_t = 1·7$ m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Date | Days with ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | Wind-Direction Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| February ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| March... ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| April ... ... ... | 24·1 | 26·5 | 36·0 | 17·0 | 43·1 | 20 | 11·1 | 8 | 33 | 7·6 | 1·6 | — | — | — | — | — | 10 | 1 | 6 | 1 | — | 2 | 2 | 8 | — |
| May ... ... ... | 27·0 | 27·5 | 35·6 | 19·4 | 42·1 | 23 | 15·2 | 18 | 33 | 8·8 | 1·1 | — | — | — | — | — | 10 | — | 3 | 1 | — | 3 | 6 | 8 | — |
| June ... ... ... | 29·0 | 30·4 | 39·3 | 21·5 | 44·4 | 23 | 16·2 | 1 | 34 | 10·1 | 0·0 | — | — | — | — | — | 6 | 1 | — | — | — | 5 | 11 | 7 | — |
| July ... ... ... | 30·6 | 32·4 | 41·2 | 23·5 | 46·0 | 14 | 19·3 | 2 | 35 | 11·6 | 0·0 | — | — | — | — | — | 7 | — | — | — | 1 | 4 | 7 | 12 | — |
| August ... ... | 30·9 | 31·7 | 40·4 | 23·0 | 45·3 | 24 | 20·6 | 2 | 37 | 12·1 | 0·0 | — | — | — | — | — | 13 | 1 | — | — | — | — | 4 | 13 | — |
| September... ... | 28·8 | 30·8 | 40·0 | 21·6 | 43·4 | 14 | 18·8 | 27 | 45 | 13·3 | 0·0 | — | — | — | — | — | — | 7 | — | — | — | 1 | — | 22 | — |
| October ... ... | 25·0 | 26·0 | 35·1 | 17·0 | 40·0 | 11 | 11·1 | 18 | 51 | 11·9 | 1·0 | — | — | — | — | — | 4 | — | — | — | — | 2 | 4 | 21 | — |
| November ... ... | 18·9 | 19·6 | 27·8 | 11·4 | 31·5 | 9 | 7·7 | 30 | 56 | 9·1 | 0·0 | — | — | — | — | — | 1 | 2 | — | — | — | — | 2 | 25 | — |
| December ... ... | 12·7 | 14·3 | 22·3 | 6·3 | 20·5 | 2 | 3·8 | 24, 29 | 56 | 6·1 | 0·5 | — | — | — | — | — | 2 | 3 | — | — | 1 | — | 2 | 23 | — |
| Year ... ... | 25·2 | 26·6 | 35·3 | 17·9 | - | — | — | — | 42 | 10·1 | 0·4 | — | — | — | — | — | 53 | 15 | 9 | 2 | 2 | 17 | 38 | 139 | — |

## Summary of Meteorological Observations at ERKOWIT for the year 1913.

$\varphi =$ 18° 50′ N. $\lambda = 37^\circ\ 6'$ East of Greenwich. H = 1093·5 m. $h_t = 1·4$ m. $h_r = 1·4$ m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Date | Days with ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | Wind-Direction Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| February ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| March... ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| April ... ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| May ... ... ... | 25·0 | — | 29·5 | — | 34·0 | 25 | — | — | 31 | 7·3 | 1·2 | 13·0 | 13·0 | 8 | 1 | 1 | 1 | 15 | 2·5 | — | — | 3 | 1 | 2·5 | — |
| June ... ... ... | 28·6 | 26·2 | 33·8 | 18·5 | 37·3 | 23 | 13·5 | 15 | 24 | 6·9 | 2·8 | 0·0 | 0·0 | — | — | — | 1 | 14·5 | 0·5 | — | — | 4·5 | 1·5 | — | 8 |
| July ... ... ... | 27·6 | 27·9 | 34·4 | 21·4 | 38·3 | 6 | 17·2 | 13 | 36 | 10·0 | 3·9 | 2·2 | 2·2 | 12 | 1 | 1 | — | — | — | — | — | 22·5 | 6·5 | — | 2 |
| August ... ... | 26·7 | 27·8 | 34·1 | 21·6 | 37·0 | 24 | 18·8 | 3 | 51 | 13·3 | 2·4 | 9·5 | 6·3 | 10 | 4 | 2 | — | — | — | — | — | 21·5 | 7·5 | — | 2 |
| September... ... | 28·7 | 27·2 | 34·1 | 20·4 | 38·0 | 17 | 16·6 | 8 | 25 | 7·3 | 2·0 | 0·0 | 0·0 | — | — | — | 0·5 | 16·5 | 2 | — | 0·5 | 4 | 2·5 | 1 | 3 |
| October ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| November ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| December ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Year ... ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## Summary of Meteorological Observations at TOKAR for the year 1913.

φ = 18° 25′ N. λ = 37° 40′ E. of Greenwich.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Maximum 1 day Date | Days with ≥ 0·1 mm. of rain | Days with ≥ 1·0 mm. of rain | Wind-Direction: Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 22·5 | 23·2 | 27·3 | 19·2 | 33·4 | 7 | 15·9 | 19 | 75 | 15·2 | 9·1 | 21·1 | 10·5 | 26 | 4 | 4 | 27 | 1 | — | — | — | — | — | — | 1 |
| February ... ... | 22·2 | 22·6 | 26·8 | 18·4 | 29·9 | 23, 24, 25 | 14·5 | 21 | 73 | 14·5 | 7·1 | 7·1 | 3·0 | 26 | 3 | 3 | 28 | — | — | — | — | — | — | — | — |
| March... ... ... | 24·0 | 23·8 | 28·9 | 18·6 | 34·5 | 31 | 13·5 | 12 | 64 | 14·3 | — | Drops | Drops | Several dates | — | — | — | — | — | — | — | — | — | — | — |
| April ... ... ... | 29·5 | 29·2 | 35·2 | 23·2 | 41·0 | 20 | 16·5 | 3 | 61 | 18·8 | — | 3·5 | 3·5 | 14 | 1 | 1 | — | — | — | — | — | — | — | — | — |
| May ... ... ... | 32·4 | 30·0 | 37·1 | 22·9 | 41·5 | 25 | 19·5 | 22 | 55 | 20·0 | — | 1·7 | 1·7 | 8 | 1 | 1 | — | — | — | — | — | — | — | — | — |
| June ... ... ... | 34·4 | 31·4 | 40·4 | 22·4 | 45·0 | 23, 29, 30 | 19·0 | 3, 15 | 35 | 14·2 | — | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | — | — |
| July ... ... ... | 35·9 | 35·2 | 43·2 | 27·1 | 46·5 | 13 | 21·5 | 31 | 31 | 13·7 | — | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | — | — |
| August ... ... | 34·0 | 34·2 | 41·4 | 27·1 | 45·0 | 12, 24 | 23·0 | 30 | 48 | 19·0 | — | Drops | Drops | 8, 11, 14 | — | — | — | — | — | 0·5 | 29·5 | — | — | — | — |
| September ... ... | 33·0 | 33·0 | 40·9 | 25·1 | 45·0 | 12, 19 | 21·5 | 16, 22 | 46 | 17·2 | — | Drops | Drops | 17 | — | — | 2 | 2 | 1 | 1 | 12 | 5·5 | 0·5 | 1 | 5 |
| October ... ... | 33·9 | 31·0 | 37·8 | 24·2 | 41·5 | 22 | 22·0 | 11, 30 | 64 | 22·4 | 1·1 | 0·0 | 0·0 | — | — | — | 11 | 12 | 8 | — | — | — | — | — | — |
| November ... ... | 28·6 | 28·3 | 33·9 | 22·7 | 39·5 | 4 | 20·5 | 17 | 78 | 22·6 | 3·3 | 5·6 | 3·2 | 8 | 3 | 3 | 18 | 9·5 | 2·5 | — | — | — | — | — | — |
| December ... ... | 24·2 | 25·1 | 29·5 | 20·7 | 34·5 | 1, 5 | 15·5 | 24 | 76 | 16·9 | 4·6 | 28·0 | 7·0 | 29 | 7 | 7 | 9 | 2·5 | 2 | — | — | — | 10 | 7·5 | — |
| Year ... ... | 29·4 | 28·9 | 35·2 | 22·6 | — | — | — | — | 59 | 17·4 | — | 67·0 | — | — | 19 | 19 | — | — | — | — | — | — | — | — | — |

## Summary of Meteorological Observations at KHARTOUM (Research Farm) for the year 1913.

φ = 15° 40′ N. λ = 32° 34′ E. of Greenwich. H = 390·0 m. $h_t$ = 2·0 m. $h_r$ = 0·8 m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Maximum 1 day Date | Days with ≥ 0·1 mm. of rain | Days with ≥ 1·0 mm. of rain | Wind-Direction: Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 21·4 | 22·4 | 30·9 | 13·8 | 34·1 | 16 | 9·4 | 2 | 35 | 6·6 | 0·6 | 0·0 | 0·0 | — | — | — | 26 | — | — | — | — | — | — | — | 5 |
| February ... ... | 24·0 | 23·5 | 32·2 | 14·8 | 37·8 | 5 | 10·0 | 21 | 34 | 7·6 | 0·2 | 0·0 | 0·0 | — | — | — | 9·5 | 9·5 | — | — | — | — | — | — | 9 |
| March... ... ... | 22·2 | 23·7 | 31·9 | 15·5 | 37·8 | 26, 27, 31 | 9·7 | 11 | 37 | 7·3 | 0·0 | 0·0 | 0·0 | — | — | — | 11·5 | 2 | — | — | — | — | — | 17·5 | — |
| April ... ... ... | 31·6 | 30·2 | 39·1 | 21·4 | 41·7 | 28 | 16·7 | 8, 13 | 52 | 17·9 | 0·0 | 0·0 | 0·0 | — | — | — | 10 | 10 | — | — | — | — | — | — | 10 |
| May ... ... ... | 32·7 | 30·4 | 40·6 | 20·1 | 43·3 | 24 | 14·4 | 19 | 55 | 20·2 | 0·0 | 0·0 | 0·0 | — | — | — | 5·5 | 6·5 | 1·5 | 4·5 | — | 6 | — | 3 | 4 |
| June ... ... ... | 31·9 | 29·5 | 39·8 | 19·2 | 43·3 | 10, 11, 25 | 15·3 | 4 | 43 | 15·0 | 1·2 | 0·0 | 0·0 | — | — | — | 6 | 0·5 | — | — | 2·5 | 6·5 | — | 13·5 | 1 |
| July ... ... ... | 30·6 | 30·2 | 39·5 | 20·9 | 41·7 | 4, 5 | 18·3 | Several dates | 39 | 12·8 | 1·6 | 0·0 | 0·0 | — | — | — | — | 2 | — | 10 | 2·5 | 12·5 | — | — | 4 |
| August ... ... | 28·1 | 27·8 | 37·6 | 17·9 | 39·4 | Several dates | 12·2 | 18 | 38 | 10·6 | 0·0 | 72·8 | 35·2 | 15 | 4 | 4 | — | — | 0·5 | 11·5 | 9 | 8 | — | — | 2 |
| September ... ... | 30·8 | 29·8 | 38·8 | 20·8 | 41·1 | 28, 30 | 15·6 | 1, 7 | 34 | 11·3 | 2·0 | 25·0 | 13·6 | 9 | 3 | 3 | 3 | — | 6 | — | 15 | — | 5 | — | 1 |
| October ... ... | 29·8 | 29·6 | 38·5 | 20·8 | 44·4 | 14 | 15·6 | 31 | 33 | 10·4 | 1·0 | 4·5 | 4·5 | 7 | 1 | 1 | 18 | — | 2 | — | 7 | — | 3 | — | — |
| November ... ... | 24·2 | 24·6 | 33·4 | 15·9 | 37·2 | 20 | 11·7 | 25 | 21 | 4·9 | 0·5 | 0·0 | 0·0 | — | — | — | 29 | — | — | — | — | — | — | — | — |
| December ... ... | 19·5 | 21·3 | 29·5 | 13·1 | 39·4 | 2 | 1·7 | 20 | 35 | 5·9 | 0·2 | 0·0 | 0·0 | — | — | — | 30 | — | — | — | — | — | — | — | — |
| Year ... ... | 27·2 | 26·9 | 36·0 | 17·8 | — | — | — | — | 38 | 10·9 | 0·6 | 102·3 | — | — | 8 | 8 | 148·5 | 30·5 | 10 | 26 | 36 | 33 | 8 | 34 | 36 |

## Summary of Meteorological Observations at SINGA for the year 1913.

$\varphi = 13° 9'$ N. $\lambda = 33° 57'$ E. of Greenwich. H = 436·3 m. $h_t = 1·6$ m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Date | Days with ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | Wind-Direction Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
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| **1913** | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 18·7 | 24·5 | 34·1 | 14·9 | 37·0 | 25 | 11·5 | 18 | 57 | 0·2 | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | — | — |
| February ... ... | 18·6 | 25·2 | 35·3 | 15·2 | 39·5 | 15, 16, 26 | 11·0 | 21 | 57 | 0.1 | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | — | — |
| March... ... ... | 20·7 | 26·1 | 36·5 | 15·7 | 40·5 | 26, 31 | 11·0 | 8 | 37 | 6·8 | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | — | — |
| April ... ... ... | 26·6 | 31·6 | 41·0 | 22·2 | 43·0 | 12, 18 | 16·5 | 9 | 55 | 14·2 | 4·5 | 4·5 | 24 | 1 | 1 | — | — | — | — | — | — | — | — | — |
| May ... ... ... | 27·7 | 32·2 | 40·1 | 24·2 | 43·5 | 23 | 17·5 | 20 | 65 | 17·8 | 36·8 | 15·5 | 4 | 4 | 4 | — | — | — | — | — | — | — | — | — |
| June ... ... ... | 26·4 | 30·9 | 39·5 | 22·3 | 44·2 | 9 | 18·5 | 2 | 55 | 14·0 | 25·8 | 11·3 | 27 | 5 | 5 | — | — | — | — | — | — | — | — | — |
| July ... ... ... | 23·3 | 28·5 | 35·3 | 21·7 | 39·0 | 4 | 19·5 | 27, 30 | 79 | 16·7 | 79·4 | 19·0 | 27 | 13 | 13 | — | — | — | — | — | — | — | — | — |
| August ... ... | 23·3 | 27·6 | 33·7 | 21·5 | 37·5 | 13 | 18·0 | 18 | 81 | 17·3 | 105·3 | 51·5 | 20 | 12 | 7 | — | — | — | — | — | — | — | — | — |
| September ... ... | 23·4 | 29·0 | 36·2 | 21·7 | 41·0 | 30 | 19·0 | 14 | 78 | 16·5 | 66·1 | 25·8 | 1 | 7 | 4 | — | — | — | — | — | — | — | — | — |
| October ... ... | 23·9 | 29·8 | 38·3 | 21·3 | 41·5 | 22 | 17·0 | 31 | 56 | 12·2 | 18·6 | 11·1 | 2 | 2 | 2 | — | — | — | — | — | — | — | — | — |
| November ... ... | *22·9* | *27·8* | *37·1* | *18·5* | 39·5 | 20 | 11·5 | 8 | *43* | *9·0* | *0·0* | 0·0 | — | — | — | — | — | — | — | — | — | — | — | — |
| December ... ... | 19·6 | 24·6 | 34·0 | 15·3 | 40·5 | 3 | 11·0 | 17 | 42 | 7·0 | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | — | — |
| Year ... ... | 22·9 | 28·2 | 36·8 | 19·5 | — | — | — | — | 59 | 12·5 | 336·5 | — | — | 44 | 36 | — | — | — | — | — | — | — | — | — |

## Summary of Meteorological Observations at KADUGLI for the year 1913.

$\varphi = 11° 2'$ N. $\lambda = 29° 45'$ E. of Greenwich. H = 503·0 m. $h_t = 2·0$ m. $h_r = 1·5$ m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Date | Days with ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | Wind-Direction Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 22·6 | 23·9 | 34·6 | 13·2 | 38·0 | Several dates | 10·0 | 12 | 20 | 4·2 | 0·0 | 0·0 | 0·0 | — | — | — | 1 | 11·5 | 5·5 | 8 | 2 | 1 | 1 | 1 | — |
| February ... ... | 23·8 | 25·6 | 36·6 | 14·7 | 41·0 | 25 | 10·5 | 10 | 21 | 4·6 | 0·0 | 0·0 | 0·0 | — | — | — | 2 | 13·5 | 7·5 | 2 | — | — | — | 3 | — |
| March... ... ... | 24·6 | 27·2 | 36·8 | 17·6 | 40·5 | 2, 18, 30 | 12·0 | 8 | 19 | 4·5 | 0·0 | 0·0 | 0·0 | — | — | — | — | 11 | 9 | 4 | 2 | 0·5 | 3·5 | 1 | — |
| April ... ... ... | 29·2 | 30·8 | 40·1 | 21·5 | 44·0 | 26 | 16·5 | 8 | 29 | 8·8 | 0·1 | 5·0 | 2·5 | 20, 25 | 2 | 2 | — | 4 | 6 | 7 | 4 | 1 | 5 | 3 | — |
| May ... ... ... | 28·5 | 30·0 | 38·4 | 21·6 | 41·0 | 17, 21 | 18·5 | 20, 26 | 49 | 14·1 | 0·4 | 35·0 | 21·5 | 24 | 3 | 3 | 3 | — | 4·5 | 9·5 | 8 | 2 | 1 | 3 | — |
| June ... ... ... | 28·3 | 29·0 | 37·1 | 21·0 | 41·0 | 8, 12 | 15·0 | 4 | 44 | 12·5 | 0·6 | 93·2 | 50·0 | 20 | 3 | 3 | — | 2 | 4·5 | 9·5 | 4·5 | 5 | 3 | 1·5 | - |
| July ... ... ... | 25·4 | 27·0 | 32·9 | 21·2 | 36·5 | 19 | 18·5 | 3, 16, 17 | 71 | 17 0 | 2·4 | 88·4 | 35·5 | 30 | 7 | 7 | — | — | 5·5 | 14 | 7·5 | 2 | 2 | — | — |
| August ... ... | 24·6 | 26·2 | 31·9 | 20·6 | 35·5 | 19 | 18·0 | 21 | 80 | 18·3 | 2·6 | 167·6 | 40·7 | 7 | 10 | 10 | — | 0 5 | 15.5 | 8 | 2 | — | 3·5 | 1·5 | — |
| September ... ... | 25·4 | 26·9 | 33·6 | 20·2 | 37·5 | 28, 30 | 18·2 | 29 | 75 | 17·9 | 1·3 | 123·4 | 65·0 | 3 | 10 | 8 | 2 | 2 | 8·5 | 7 | 1·5 | 0·5 | 2 | 6·5 | — |
| October ... ... | 25·9 | 27·4 | 35·5 | 19·3 | 38·5 | 21 | 13·5 | 31 | 67 | 16·5 | 0·5 | 83·7 | 31·2 | 4 | 7 | 7 | 8·5 | 2·5 | 8·5 | 2·5 | 1·5 | 1 | 2 | 4·5 | — |
| November ... ... | 24·4 | 26·4 | 36·8 | 16·1 | 39·0 | 18 | 10·8 | 4 | 40 | 9·0 | 0·0 | 0·0 | 0·0 | — | — | — | 9 | 8·5 | 8·5 | 2·5 | 0·5 | — | — | 1 | — |
| December ... ... | 25·7 | 26·1 | 36·2 | 16·0 | 38·5 | 4, 7 | 12·0 | 17 | 20 | 4·8 | 0·0 | 0·0 | 0·0 | — | — | — | 8 | 5·5 | 10·5 | 1 | 2 | 1 | 1 | 2 | — |
| Year ... ... | 25·7 | 27·2 | 35·9 | 18·6 | — | — | — | — | 45 | 11·0 | 0·7 | 596·3 | — | — | 42 | 40 | 33·5 | 61 | 94 | 75 | 35·5 | 14 | 24 | 28 | — |

## Summary of Meteorological Observations at DOLEIB HILL for the year 1913.

$\varphi = 9° 18'$ N. $\lambda = 31° 38'$ East of Greenwich. H = 391·0 m. $h_t$ = 1·5 m. $h_r$ = 1·0 m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Maximum 1 day Date | Days with ≥ 0·1 mm. of rain | Days with ≥ 1·0 mm. of rain | Wind-Direction: Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 25·0 | 27·1 | 35·7 | 18·5 | 38·0 | 14, 21 | 15·0 | 2 | 28 | 6·5 | 0·6 | 0·0 | 0·0 | — | — | — | 22 | 8 | — | — | — | — | — | — | — |
| February ... ... | 26·0 | 28·6 | 36·7 | 20·4 | 40·6 | 26 | 16·0 | 21 | 49 | 12·2 | 1·2 | 0·0 | 0·0 | — | — | — | 21 | 4 | — | 1 | 2 | — | — | — | — |
| March... ... ... | 27·5 | 29·4 | 38·0 | 20·8 | 42·2 | 5 | 16·6 | 8 | 21 | 5·7 | 1·1 | 0·0 | 0·0 | — | — | — | 23 | 1 | 1 | — | 5 | — | — | — | 1 |
| April ... ... ... | 29·8 | 31·4 | 39·5 | 23·4 | 43·0 | 12, 16, 18 | 20·5 | 19 | 44 | 13·8 | 1·9 | 114·5 | 41·0 | 19 | 7 | 7 | 4 | 2 | 3 | — | 17 | 1 | — | 1 | 2 |
| May ... ... ... | 27·8 | 29·1 | 36·4 | 21·8 | 40·2 | 21 | 19·5 | 19 | 63 | 17·6 | 2·3 | 128·0 | 55·5 | 5 | 8 | 7 | 2 | — | — | — | 28 | — | — | — | 1 |
| June ... ... ... | 27·4 | 29·4 | 37·3 | 21·5 | 40·6 | 1 | 19·0 | 2, 3, 23 | 64 | 17·4 | 2·0 | 82·7 | 42·0 | 28 | 5 | 5 | — | — | — | — | 22 | — | — | 1 | 5 |
| July ... ... ... | 25·6 | 27·3 | 33·6 | 21·0 | 36·5 | 9, 20 | 19·0 | 4 | 75 | 18·2 | 2·3 | 43·3 | 26·0 | 13 | 5 | 4 | 1 | 2 | — | — | 10 | — | — | — | 18 |
| August ... ... | 25·8 | 27·2 | 33·6 | 20·9 | 38·0 | 31 | 18·0 | 18 | 76 | 18·8 | 2·0 | 63·3 | 17·0 | 15 | 16 | 9 | 2 | — | — | — | 8 | 1 | — | 1 | 19 |
| September ... ... | 26·7 | 28·4 | 36·0 | 20·8 | 40·0 | 27 | 19·0 | 27 | 72 | 18·6 | 1·8 | 93·8 | 25·5 | 8 | 15 | 9 | 2 | 2 | 4 | 1 | 10 | — | — | 1 | 10 |
| October ... ... | 28·8 | 28·8 | 37·3 | 20·3 | 40·0 | 19 | 15·5 | 29 | 63 | 18·7 | 0·8 | 29·2 | 12·0 | 20 | 6 | 4 | 2 | 2 | — | 1 | 16 | 1 | 1 | — | 8 |
| November ... ... | 28·0 | 27·0 | 37·0 | 17·0 | 39·0 | 17 | 14·0 | 7 | 56 | 15·6 | 0·3 | 0·0 | 0·0 | — | — | — | 16 | 11 | — | — | — | — | — | — | 3 |
| December ... ... | 25·2 | 26·4 | 35·2 | 17·6 | 41·0 | 2 | 13·5 | 19 | 32 | 7·6 | 0·4 | 0·0 | 0·0 | — | — | — | 29 | — | — | — | — | — | — | — | 2 |
| Year ... | 27·0 | 27·5 | 36·4 | 20·3 | — | — | — | — | 54 | 14·2 | 1·4 | 554·8 | — | — | 62 | 45 | 124 | 32 | 8 | 3 | 118 | 3 | 1 | 4 | 69 |

## Summary of Meteorological Observations at GAMBELA for the year 1913.

$\varphi = 8° 15'$ N. $\lambda = 34° 35'$ E. of Greenwich. H = 410·0 m. $h_t$ = 1·4 m. $h_r$ = 1·2 m.

| Month | Temperature (Centigrade) 8 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Relative Humidity (%) 8 h. | Vapour Pressure (mm.) 8 h. | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Maximum 1 day Date | Days with ≥ 0·1 mm. of rain | Days with ≥ 1·0 mm. of rain | Wind-Direction: Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... ... | 28·2 | — | 36·6 | — | 40·0 | 30 | — | — | 47 | 13·4 | 0·6 | 11·2 | 10·0 | 2 | 3 | 1 | — | — | 4 | 21 | 3 | 1 | 2 | — | — |
| February ... ... | 28·4 | — | 37·8 | — | 41·0 | 28 | — | — | 54 | 15·4 | 1·7 | 29·0 | 17·5 | 14 | 3 | 3 | — | — | 1 | 20 | 2 | 2 | 1 | 2 | — |
| March ... ... ... | 30·4 | — | 38·9 | — | 41·0 | Several dates | — | — | 40 | 12·7 | 1·4 | 0·0 | 0·0 | — | — | — | — | 2 | 2 | 8 | 3 | 12 | 2 | 2 | — |
| April ... ... ... | 28·0 | — | 38·2 | — | 42·0 | 12, 13 | — | — | 55 | 15·2 | 4·1 | 44·3 | 14·0 | 20 | 9 | 7 | 2 | 1 | — | 10 | 2 | 5 | 5 | 2 | — |
| May ... ... ... | 26·5 | — | 35·5 | — | 38·0 | Several dates. | — | — | 65 | 16·7 | 5·1 | 99·0 | 24·5 | 30 | 12 | 9 | — | 3 | 4 | 14 | 2 | — | 5 | 3 | — |
| June ... ... ... | 25·5 | — | 34·2 | — | 37·0 | Several dates | — | — | 73 | 17·7 | 5·0 | 172·4 | 49·0 | 27 | 13 | 11 | 1 | 2 | 3 | 7 | 3 | 2 | 3 | 3 | — |
| July ... ... ... | 24·5 | — | 32·7 | — | 36·0 | 5 | — | — | 76 | 17·2 | 3·5 | 144·5 | 48·5 | 3 | 12 | 11 | — | 1 | 3 | 12 | 2 | 4 | 8 | 1 | — |
| August ... ... | 24·4 | — | 33·0 | — | 37·0 | 31 | — | — | 77 | 17·5 | 4·3 | 140·5 | 36·0 | 21 | 11 | 11 | — | 2 | 2 | 21 | 1 | 1 | 4 | — | — |
| September ... ... | 25·2 | — | 34·6 | — | 39·0 | 28 | 19·0 | Several dates | 75 | 17·9 | 3·3 | 112·0 | 57·0 | 14 | 8 | 8 | — | 4 | 2 | 17 | 1 | 2 | 2 | 2 | — |
| October ... ... | 27·2 | 27·9 | 35·7 | 20·1 | 40·0 | 21 | 17·0 | 25, 29 | 61 | 16·5 | 2·2 | 26·5 | 14·0 | 2 | 4 | 4 | 1 | — | 1 | 19 | 3 | 3 | 2 | 2 | — |
| November ... ... | 27·3 | 28·4 | 37·4 | 19·3 | 39·0 | 19, 30 | 17·0 | 3, 8 | 56 | 15·0 | 2·2 | 0·0 | 0·0 | — | — | — | — | 1 | 4 | 5 | 3 | 7 | 10 | — | — |
| December ... ... | 27·2 | 28·2 | 38·4 | 18·1 | 41·0 | 3 | 14·0 | 19 | 37 | 10·0 | 2·1 | 0·0 | 0·0 | — | — | — | — | — | 3 | 13 | 1 | 1 | 13 | — | — |
| Year ... ... | 26·9 | — | 36·1 | — | — | — | — | — | 60 | 15·4 | 3·0 | 779·4 | — | — | 75 | 65 | 4 | 16 | 29 | 167 | 26 | 40 | 57 | 17 | — |

## Summary of Meteorological Observations at HARRAR for the year 1913.

$\varphi = 9° 42'$ N. $\lambda = 42° 30'$ E. of Greenwich. H = 1856·0 m.

| Month | Temperature (Centigrade) Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Date | Days with ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | Wind-Direction Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | |
| January ... ... ... | 18·0 | 25·6 | 10·4 | 28·0 | 24 | 7·0 | 19 | 0·0 | 0·0 | — | — | — | 2 | — | 2 | — | — | — | — | 27 | — |
| February ... ... ... | 20·0 | 25·6 | 14·5 | 29·0 | 16 | 12·0 | 26 | 85·9 | 39·5 | 22 | 8 | 8 | 2 | 1 | 3 | 12 | 5 | — | — | 5 | — |
| March ... ... ... ... | 20·2 | 26·3 | 14·1 | 29·0 | 5, 9 | 12·0 | 14 | 136·5 | 43·0 | 12 | 6 | 6 | 4 | 2 | — | 15 | 4 | — | — | 6 | — |
| April ... ... ... ... | 19·8 | 25·0 | 14·7 | 27·0 | Several dates | 14·0 | Several dates | 82·1 | 16·5 | 27 | 14 | 14 | — | 2 | 2 | 17 | 5 | 1 | — | 3 | — |
| May ... ... ... ... | 20·4 | 25·9 | 14·9 | 27·0 | Several dates | 14·0 | Several dates | 157·0 | 91·4 | 10 | 14 | 14 | — | — | — | 13 | 6 | 2 | — | 10 | — |
| June ... ... ... ... | 20·1 | 25·7 | 14·5 | 27·0 | Several dates | 12·0 | 27 | 15·4 | 9·2 | 22 | 3 | 3 | 2 | — | 10 | 10 | 4 | — | — | 4 | — |
| July ... ... ... ... | 18·8 | 23·9 | 13·7 | 28·0 | 27 | 12·0 | 19, 20, 21 | 77·4 | 22·0 | 27 | 10 | 9 | — | — | 5 | 11 | 7 | — | 2 | 6 | — |
| August ... ... ... ... | 18·6 | 22·7 | 14·5 | 24·0 | Several dates | 14·0 | Several dates | 138·3 | 28·5 | 16 | 15 | 12 | — | — | 2 | 20 | — | — | — | — | — |
| September ... ... ... | 19·5 | 24·1 | 14·9 | 27·0 | 27 | 14·0 | Several dates | 100·0 | 26·0 | 3 | 13 | 12 | 3 | 5 | — | 21 | — | — | — | 1 | — |
| October ... ... ... | 19·9 | 25·2 | 14·6 | 26·0 | Several dates | 13·0 | 30, 31 | 18·3 | 7·0 | 5 | 4 | 4 | 1 | 1 | — | 10 | — | — | 1 | 18 | — |
| November ... ... ... | 19·4 | 26·4 | 12·4 | 28·0 | 24 | 11·0 | Several dates | 0·0 | 0·0 | — | — | — | — | — | — | — | — | — | — | 30 | — |
| December ... ... ... | 19·3 | 25·6 | 13·0 | 27·0 | 5, 10, 14 | 10·0 | 21 | Drops | Drops | 28 | — | — | — | — | 1 | 1 | — | — | — | 29 | — |
| Year ... ... | 19·5 | 25·2 | 13·8 | — | — | — | — | 810·0 | — | — | 87 | 82 | 14 | 11 | 25 | 130 | 31 | 3 | 3 | 139 | — |

## Summary of Meteorological Observations at KAFIA KINGI for the year 1913.

$\varphi = 9° 22'$ N. $\lambda = 24° 18'$ E. of Greenwich. H = 596·0 m. $h_t = 1·5$ m. $h_r = 1·3$ m.

| Month | Standard Pressure (mm.) Mean | Maximum | Minimum | Temperature (Centigrade) 8 h. | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date | Clouds (0—10) 8 h. | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Date | Days with ≥ 0·1 mm. of rain | ≥ 1·0 mm. of rain | Wind-Direction Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January ... | 711·56 | 713·6 | 709·8 | — | — | 20·6 | — | — | 18·0 | 14 | 0·0 | 0·0 | 0·0 | — | — | — | 7 | — | 14 | — | 1 | — | 9 | — | — |
| February .. | 9·51 | 11·4 | 8·4 | — | — | 23·3 | — | — | 22·0 | Several dates | 1·1 | 6·0 | 6·0 | 15 | 1 | 1 | — | — | 16 | — | — | — | 12 | — | — |
| March ... | 9·39 | 10·7 | 8·3 | — | — | 22·1 | — | — | 19·0 | 23, 25, 26 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 18 | — | — | — | 13 | — | — |
| April ... | 8·49 | 10·6 | 7·0 | — | — | 22·5 | — | — | 18·5 | 8 | 1·6 | 13·0 | 6·0 | 21 | 4 | 4 | — | — | 12 | — | — | — | 18 | — | — |
| May... ... | 9·54 | 11·7 | 7·6 | — | — | 21·7 | — | — | 20·0 | 17, 25 | 3·4 | 44·1 | 11·5 | 1 | 9 | 8 | — | — | 12 | — | 1 | — | 18 | — | — |
| June ... | 9·85 | 12·3 | 7·4 | — | — | 21·3 | — | — | 19·0 | 19 | 2·8 | 45·0 | 14·5 | 21 | 5 | 5 | 1 | — | 7 | — | 4 | — | 18 | — | — |
| July ... | 9·65 | 11·2 | 7·7 | — | — | 20·5 | — | — | 19·0 | Several Dates | 3·4 | 196·5 | 41·5 | 20 | 15 | 14 | 5 | — | 1 | — | 17 | — | 8 | — | — |
| August ... | 9·73 | 10·6 | 8·6 | — | — | 19·6 | — | — | 18·0 | 24 | 3·9 | 241·5 | 60·0 | 12 | 14 | 14 | — | — | — | — | 19 | — | 12 | — | — |
| September | 9·58 | 10·6 | 8·6 | — | — | 19·6 | — | — | 18·5 | 23 | 3·7 | 87·0 | 18·0 | 1, 3 | 10 | 9 | 6 | — | 7 | — | 10 | — | 7 | — | — |
| October ... | 9·55 | 12·7 | 8·3 | — | — | 19·5 | — | — | 17·0 | 20 | 3·3 | 71·0 | 20·0 | 4 | 7 | 7 | 8 | — | 3 | — | 19 | — | 1 | — | — |
| November. | 10·30 | 11·8 | 8·8 | — | — | 15·3 | — | — | 12·0 | 26, 27 | 2·2 | 0·0 | 0·0 | — | — | — | 13 | — | 8 | — | 7 | — | 2 | — | — |
| December. | 11·68 | 13·9 | 8·6 | — | — | 13·3 | — | — | 10·5 | 20 | 0·0 | 0·0 | 0·0 | — | — | — | 8 | — | 20 | — | 1 | — | 2 | — | — |
| Year... | 709·90 | — | — | — | — | 19·9 | — | — | — | — | 2·1 | 704·1 | — | — | 65 | 62 | 48 | — | 118 | — | 79 | — | 120 | — | — |

## Summary of Meteorological Observations at RAGA for the year 1913.

φ = 8° 15′ N. λ = 25° 35′ E. of Greenwich. $h_r$=1·0 m.

| Month | Temperature (Centigrade) | | | | | | |
|---|---|---|---|---|---|---|---|
| | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date |
| **1913** | | | | | | | |
| January ... ... ... | — | | — | — | — | — | — |
| February ... ... | — | 36·2 | — | 39·9 | Several dates | — | — |
| March ... ... ... | — | 35·7 | — | 40·0 | 28 | — | — |
| April ... ... ... | — | — | — | — | — | — | — |
| May... ... ... ... | — | — | — | — | — | — | — |
| June ... ... ... | — | — | — | — | — | — | — |
| July ... ... ... | — | — | — | — | — | — | — |
| August ... ... ... | — | — | — | — | — | — | — |
| September ... ... | — | — | — | — | — | — | — |
| October ... ... ... | — | — | 19·7 | — | — | 14·0 | 30 |
| November ... ... | — | — | 15·2 | — | — | 13·0 | Several dates |
| December ... ... | — | — | — | — | — | — | — |
| Year ... ... | — | — | — | — | — | — | — |

## Summary of Meteorological Observations at DONGOLA for the year 1913.

φ=19° 8′ N. λ = 30° 28′ E. of Greenwich. H=236·0 m.

| Month | Temperature (Centigrade) | | | | | | |
|---|---|---|---|---|---|---|---|
| | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date |
| **1913** | | | | | | | |
| January ... ... ... | 18·0 | 28·1 | 9·2 | 33·0 | 6 | 5·5 | |
| February ... ... | 18·9 | 28·5 | 9·3 | 37·5 | 24 | 4·5 | 20 |
| March ... ... ... | 21·6 | 32·3 | 10·8 | 41·0 | 31 | 5·0 | 7 |
| April ... ... ... | 29·9 | 41·0 | 18·8 | 45·8 | 20 | 11·5 | 6 |
| May... ... ... ... | 31·2 | 41·6 | 20·8 | 46·5 | 24 | 15·1 | 18 |
| June ... ... ... | 31·6 | 41·9 | 21·4 | 47·7 | 24 | 16·5 | 1 |
| July ... ... ... | 33·4 | 43·8 | 23·1 | 49·3 | 14 | 17·0 | 14 |
| August ... ... ... | 33·2 | 42·3 | 24·0 | 45·0 | 4 | 20·0 | 6 |
| September ... ... | — | — | 25·8 | 46·5 | 22 | 21·5 | 19 |
| October ... ... ... | — | — | 20·8 | — | — | 12·5 | 30 |
| November ... ... | 22·3 | 31·7 | 12·9 | 35·7 | 14 | 8·4 | 29 |
| December ... ... | 18·2 | 27·6 | 8·9 | 39·6 | 2 | 4·4 | 19 |
| Year ... ... | — | — | 17·2 | — | — | — | — |

# GENERAL SUMMARY.

## General Summary of Meteorologica

| Nos. | Name | Altitude | Latitude | | | Longitude | | | Standard Pressure (mm.) Mean | Maxim. | Minim. | Temperature (Centigrade) 8 h. | 14 h. | 20 h. | Mean | Mean Maximum | Mean Minimum | Absolute Maximum | Date | Absolute Minimum | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° | ′ | ″ | ° | ′ | ″ | | | | | | | | | | | | | |
| 1 | Smyrna ... ... ... ... | 19·8 | 38 | 26 | 10 | 17 | 9 | — | — | — | — | — | — | — | 22·0 | — | — | 37·8 | July 10 | — 2·2 | March 4 |
| 2 | Kyrenia*... ... ... ... | 13·7 | 35 | 20 | 34 | 33 | 18 | 50 | 759·93 | 772·0 | 748·0 | 21·2 9h | — | 18·1 21h | 19·7 | — | 13·9 | 36·7 | June 10 | 3·3 | February 2 |
| 3 | Candia ... ... ... ... | 27·1 | 35 | 20 | — | 25 | 8 | — | 59·82 | 70·2 | 44·3 | 18·8 8h | — | 17·9 20h | 18·3 | — | 14·8 | 41·3 | July 12 | 1·7 | March 4 |
| 4 | Nicosia Hospital*... ... | 152·1 | 35 | 11 | — | 33 | 22 | — | 60·44 | 73·0 | 47·7 | 19·3 9h | — | 16·6 21h | 17·9 | 25·4 | 10·5 | 41·6 | July 13 | — 1·7 | February 3, 4 |
| 5 | Nicosia Observatory* ... | 159·1 | 35 | 9 | 20 | 33 | 21 | 55 | 59·98 | 73·0 | 48·4 | 17·4 8h | — | 23·1 15h | 18·2 | 24·8 | 11·6 | 40·6 | July 10, 13 | — 0·6 | February 2 |
| 6 | Famagusta* ... ... ... | 22·8 | 35 | 7 | — | 33 | 57 | — | 60·19 | 72·2 | 48·4 | 20·4 9h | — | 18·2 21h | 19·3 | 25·2 | 15·6 | 38·3 | September 15 | 4·4 | January 10 |
| 7 | Acheritou ... ... ... | 25·5 | 35 | 2 | — | 33 | 53 | — | 59·53 | 71·6 | 47·7 | 18·0 8h | — | 23·1 15h | 18·3 | 24·2 | 12·4 | 40·0 | September 15 | 0·0 | February 2 |
| 8 | Larnaca*... ... ... ... | 10·7 | 34 | 55 | — | 33 | 37 | — | 60·29 | 72·2 | 51·4 | 20·3 9h | — | 17·3 21h | 18·8 | 25·4 | 12·1 | 39·4 | July 13, Sept. 14, 15 | 0·0 | February 2 |
| 9 | Papho ... ... ... ... | 74·1 | 34 | 46 | — | 32 | 25 | — | — | — | — | 20·1 9h | — | 18·7 | 19·4 | 23·6 | 12·3 | 38·9 | September 21 | 1·7 | February 1 |
| 10 | Limassol* ... ... ... | 7·9 | 34 | 40 | — | 33 | 1 | — | 60·62 | 72·5 | 52·6 | 20·0 9h | — | 16·7 | 18·3 | 25·6 | — | 38·3 | July 13 | — | — |
| 11 | Sîdi Barrâni ... ... ... | 27·3 | 31 | 38 | — | 25 | 57 | 30 | 60·59 | 71·1 | 49·0 | 18·4 8h | 21·0 | — | — | 23·0 | — | 43·0 | July 12 | 3·2 | December 25 |
| 12 | Hebron ... ... ... ... | 883·9 | 31 | 31 | — | 35 | 8 | — | 684·91 | 695·4 | 676·3 | 13·7 | — | 12·3 19h | 13·6 | 21·4 | 8·5 | 40·3 | †July 13 | — 3·2 | March 16 |
| 13 | Damietta... ... ... ... | 2·2 | 31 | 25 | — | 31 | 49 | — | — | — | — | — | — | — | 19·8 | 22·9 | 16·8 | 34·3 | July 13 | 5·7 | February 16 |
| 14 | Port Said ... ... ... | 3·5 | 31 | 15 | 45 | 32 | 18 | 45 | 761·07 | 773·6 | 752·6 | 19·9 | — | 20·2 20h | 20·0 | 24·7 | 16·9 | 36·5 | August 2 | 6·1 | December 26 |
| 15 | Alexandria (Kom el Nadûra) | 32·0 | 31 | 11 | 36 | 29 | 53 | 10 | 59·00 | 70·5 | 49·7 | 19·1 | 22·4 | 19·4 | 19·4 | 24·4 | 16·8 | 38·7 | July 13 | 6·5 | Feb. 16, March 4 |
| 16 | El ʿArîsh ... ... ... | 19·1 | 31 | 7 | — | 33 | 46 | — | 59·60 | 74·4 | 51·0 | 19·2 | 23·0 | 19·7 | 18·4 | 24·9 | 11·6 | 35·5 | May 7 | 0·0 | Dec. several dates |
| 17 | Sakha ... ... ... ... | 6·0 | 31 | 6 | 48 | 30 | 56 | 41 | — | — | — | 18·0 | 25·3 | 17·2 | 18·0 | 26·5 | 12·3 | 40·2 | July 13 | 1·6 | February 2 |
| 18 | Qorashîa ... ... ... ... | 7·6 | 30 | 50 | 50 | 31 | 7 | 21 | 60·72 | 73·0 | 52·8 | 17·9 | 26·4 | 17·9 | 18·4 | 27·5 | 11·4 | 41·8 | July 13 | 0·0 | February 4, 16 |
| 19 | Zagazig ... ... ... ... | 11·2 | 30 | 35 | — | 31 | 30 | — | 60·21 | 72·4 | 52·0 | 17·4 | 25·8 | 18·2 | 18·4 | 26·8 | 12·0 | 40·9 | July 13 | 0·5 | December 26 |
| 20 | Benha ... ... ... ... | 13·8 | 30 | 27 | 46 | 31 | 10 | 35 | — | — | — | 18·2 | 26·4 | — | 20·5 | 27·4 | 13·6 | 41·4 | July 13 | 3·6 | December 25 |
| 21 | Khanka ... ... ... ... | 30·8 | 30 | 13 | — | 31 | 21 | — | — | — | — | 19·5 | — | — | — | 28·4 | — | 42·0 | July 13 | — | — |
| 22 | Heliopolis ... ... ... | 41·0 | 30 | 5 | 30 | 31 | 19 | 15 | — | — | — | 18·2 | 26·4 | 21·3 | 20·1 | 27·4 | 14·4 | 42·6 | July 13 | 2·7 | February 8 |
| 23 | ʿAbbassia ... ... ... | 29·9 | 30 | 4 | 36 | 31 | 17 | 15 | 58·61 | 70·7 | 50·0 | 17·7 | 26·1 | 20·7 | 19·8 | 27·3 | 14·6 | 43·0 | July 13 | 3·5 | February 4 |
| 24 | Cairo (Ezbekia) ... ... | 22·0 | 30 | 3 | 10 | 31 | 14 | 50 | — | — | — | 18·3 | — | — | 20·9 | 27·5 | 14·2 | 41·3 | July 13 | 3·6 | December 26 |
| 25 | Giza... ... ... ... ... | 27·8 | 30 | 1 | 57 | 31 | 12 | 53 | 58·91 | 70·8 | 50·0 | 17·4 | 26·1 | 19·5 | 18·8 | 26·9 | 12·1 | 41·6 | July 13 | 1·0 | Feb. 3, 4, March 13 |
| 26 | Suez ... ... ... ... | 3·4 | 29 | 56 | — | 32 | 33 | — | 60·47 | 72·8 | 52·4 | 19·7 | 27·0 | 24·9 17h | 21·4 | 28·9 | 14·0 | 43·0 | July 13 | 4·0 | Feb. 4, March 8, Dec. 26 |
| 27 | Nekhl ... ... ... ... | 400 | 29 | 54 | 30 | 33 | 45 | — | — | — | — | — | — | — | 17·8 | 27·2 | 8·5 | 41·1 | July 13 | — 6·7 | February 4, 5 |
| 28 | Helwân ... ... ... ... | 115·6 | 29 | 51 | 34 | 31 | 20 | 30 | 51·00 | 62·6 | 43·0 | 17·7 | 25·7 | 21·6 20h | 19·9 | 27·1 | 14·4 | 42·9 | July 13 | 3·7 | February 4 |
| 29 | Qasr el Gebali ... ... | 7·6 | 29 | 20 | 4 | 30 | 37 | 58 | 60·75 | 72·6 | 52·2 | 18·3 | 27·5 | 20·7 | 19·6 | 28·5 | 11·9 | 44·8 | July 13 | — 1·5 | Jan. sev. dates, Dec. 26 |
| 30 | Siwa... ... ... ... ... | —23 | 29 | 12 | — | 25 | 29 | — | 64·58 | 75·0 | 55·2 | 18·6 | — | — | 20·9 | 29·3 | 12·6 | 44·2 | July 13 | — 0·9 | December 31 |
| 31 | Beni Suef ... ... ... | 28·4 | 29 | 4 | — | 31 | 6 | — | — | — | — | 19·5 | — | — | 18·3 | 28·2 | 10·0 | 41·5 | June 10, July 13 | 1·9 | December 22 |
| 32 | Tôr ... ... ... ... ... | 1·9 | 28 | 13 | 30 | 33 | 37 | — | 59·07 | 71·9 | 51·8 | 20·4 | 25·0 | 22·9 | 21·1 | 27·2 | 16·9 | 40·5 | July 7 | 3·7 | December 25 |
| 33 | Minia ... ... ... ... | 43·0 | 28 | 5 | 30 | 30 | 45 | 32 | — | — | — | 18·4 | — | — | 20·8 | 28·0 | 13·6 | 41·1 | April 16, July 19 | 2·0 | February 8 |
| 34 | Assiût ... ... ... ... | 55·4 | 27 | 11 | — | 31 | 12 | 36 | 55·93 | 68·4 | 44·5 | 19·2 | 27·5 | 22·9 | 21·1 | 28·3 | 14·6 | 42·5 | July 13 | 2·0 | March 5 |
| 35 | Qena ... ... ... ... | 73·0 | 26 | 10 | — | 32 | 43 | — | — | — | — | 25·2 | — | — | 26·6 | 35·3 | 17·9 | 46·0 | July 14 | 3·8 | December 24, 29 |
| 36 | Dakhla Oasis... ... ... | 130·0 | 25 | 29 | — | 28 | 59 | 30 | 50·83 | 59·9 | 43·3 | 21·4 | 29·9 | 23·5 | 22·5 | 32·1 | 15·2 | 49·0 | July 13 | 0·0 | Jan. 9, March 5 |
| 37 | Esna... ... ... ... ... | 82·0 | 25 | 17 | 50 | 32 | 33 | 38 | — | — | — | 21·9 | 30·2 | 21·8 | 22·1 | 30·8 | 14·6 | 44·8 | July 13 | 2·5 | March 5 |
| 38 | Aswân ... ... ... ... | 99·6 | 24 | 2 | 25 | 32 | 52 | 40 | 50·48 | 61·8 | 43·5 | 21·5 | 31·0 | 26·2 | 23·9 | 33·2 | 16·9 | 46·4 | June 21, July 14 | 6·0 | March 7 |
| 39 | Wadi Halfa ... ... ... | 128·3 | 21 | 54 | 49 | 31 | 19 | 3 | 48·49 | 60·1 | 40·8 | 21·3 | 31·7 | 25·8 | 23·8 | 32·9 | 16·2 | 46·6 | July 14 | 3·2 | December 16 |
| 40 | Dongonab ... ... ... | 5·0 | 21 | 6 | — | 37 | 8 | — | — | — | — | 28·5 | 29·4 | 26·0 | 26·1 | 31·2 | 20·4 | 44·9 | July 14 | 10·6 | Jan. 18, Feb. 18 |
| 41 | Port Sudan ... ... ... | 5·9 | 19 | 37 | — | 37 | 13 | — | 57·26 | 66·2 | 49·6 | 28·9 | 30·6 | 27·4 | 27·4 | 32·6 | 22·9 | 44·5 | July 14 | 14·5 | March 8, 10 |
| 42 | Dongola ... ... ... ... | 236·0 | 19 | 8 | — | 30 | 28 | — | — | — | — | — | — | — | — | — | 17·2 | 49·3 | July 14 | 4·4 | December 19 |
| 43 | Suakin ... ... ... ... | 4·5 | 19 | 7 | — | 37 | 20 | — | — | — | — | 28·9 | — | — | 27·7 | 31·9 | 23·5 | 45·0 | August 27 | 15·0 | March 10 |
| 44 | Merowe ... ... ... ... | 255·1 | 18 | 29 | 24 | 31 | 49 | 33 | 36·39 | 46·3 | 29·4 | 25·2 | 35·4 | 28·8 | 27·2 | 36·5 | 19·6 | 47·4 | June 23 | 6·8 | December 20 |
| 45 | Tokar ... ... ... ... | 18·0 | 18 | 25 | 25 | 37 | 40 | — | — | — | — | 29·4 | — | — | 28·9 | 35·2 | 22·6 | 46·5 | July 13 | 13·5 | March 12 |
| 46 | ʿAtbara ... ... ... ... | 354·5 | 17 | 40 | 30 | 33 | 58 | 30 | 26·88 | 36·2 | 21·7 | 27·1 | 35·9 | 29·5 | 28·3 | 36·7 | 20·5 | 46·0 | June 10 | 8·0 | Jan. 19, March 11 |
| 47 | Khartoum (Research Farm.) | 390·0 | 15 | 40 | — | 32 | 34 | — | — | — | — | 27·2 | — | — | 26·9 | 36·0 | 17·8 | 44·4 | October 14 | 1·7 | December 20 |
| 48 | Khartoum (Gordon College)... | 390·0 | 15 | 36 | 33 | 32 | 33 | — | 24·38 | 33·1 | 19·2 | 25·9 | 35·3 | 29·3 | 27·9 | 36·1 | 20·9 | 44·5 | May 23, June 23 | 8·3 | December 18 |
| 49 | Kassala ... ... ... ... | 507·8 | 15 | 28 | — | 36 | 24 | — | 14·54 | 21·4 | 9·2 | 26·3 | 35·4 | 28·3 | 27·7 | 36·3 | 20·3 | 44·0 | June 9, 10 | 10·0 | January 18 |
| 50 | Wad Medani ... .. ... | 407·6 | 14 | 24 | — | 33 | 31 | — | 23·45 | 30·6 | 17·5 | 26·0 | — | 27·9 | 27·0 | 37·2 | 19·9 | 45·0 | May 29, June 10 | 9·0 | March 8 |
| 51 | Dueim ... ... ... ... | 383·3 | 13 | 59 | 31 | 32 | 20 | — | 25·57 | 33·5 | 19·3 | 26·0 | — | 27·7 | 26·8 | 36·4 | — | 44·0 | May 30 | — | — |
| 52 | El Obeid... ... ... ... | 585·0 | 13 | 11 | — | 30 | 14 | — | 9·93 | 17·5 | 4·0 | 23·6 | 32·9 | 26·4 | 25·1 | 34·2 | 17·4 | 41·2 | May 23 | 5·6 | December 18 |
| 53 | Singa ... ... ... ... | 436·3 | 13 | 9 | — | 33 | 57 | — | — | — | — | 22·9 | — | — | 28·2 | 36·8 | 19·5 | 44·2 | June 9 | 11·0 | Feb. 21, March 8, Dec. 17 |
| 54 | Gallabat ... ... ... ... | 764·0 | 12 | 47 | 30 | 36 | 9 | 30 | 695·42 | 1·2 | 690·1 | 25·3 | 33·8 | 26·3 | 26·0 | 34·4 | — | 42·0 | April 14, 16 | 11·5 | Jan. 19, June 4 |
| 55 | Roseires ... ... ... ... | 466·9 | 11 | 51 | 22 | 34 | 23 | 10 | 717·29 | 24·4 | 711·7 | 24·1 | — | 27·8 | 26·0 | 35·2 | 18·9 | 43·0 | April sev. dates | 10·0 | December 18 |
| 56 | Kadugli ... ... ... ... | 503·0 | 11 | 2 | — | 29 | 45 | — | — | — | — | 25·7 | — | — | 27·2 | 35·9 | 18·6 | 44·0 | April 26 | 10·0 | January 12 |
| 57 | Kodok ... ... ... ... | 387·5 | 9 | 53 | — | 32 | 8 | — | 24·74 | 30·7 | 19·6 | 25·6 | 33·7 | 26·6 | 26·6 | 35·1 | 20·3 | 41·7 | April 12 | 12·5 | Jan. 24, Dec. 18 |
| 58 | Harrar ... ... ... ... | 1856·0 | 9 | 42 | — | 42 | 30 | — | — | — | — | — | — | — | 19·5 | 25·2 | 13·8 | 29·0 | Feb. 16, March 5, 9 | 7·0 | January 19 |
| 59 | Kafia Kingi ... ... ... | 596·0 | 9 | 22 | — | 24 | 18 | — | 9·90 | 13·9 | 7·0 | — | — | — | — | — | 19·9 | — | — | 10·5 | December 20 |
| 60 | Doleib Hill ... ... ... | 391·0 | 9 | 18 | 30 | 31 | 37 | 30 | — | — | — | 27·0 | — | — | 27·5 | 36·4 | 20·3 | 43·0 | April 12, 16, 18 | 13·5 | December 19 |
| 61 | Gambela... ... ... ... | 410·0 | 8 | 15 | — | 34 | 35 | — | — | — | — | 26·9 | — | — | — | 36·1 | — | 42·0 | April 12, 13 | 14·0 | December 19 |
| 62 | Wau... ... ... ... ... | 440·0 | 7 | 42 | — | 28 | 3 | — | 20·40 | 26·6 | 16·5 | 24·5 | 33·4 | 26·5 | 26·1 | 34·6 | 20·0 | 40·5 | March 2, 18, April 11 | 12·0 | March 10 |
| 63 | Mongalla ... ... ... | 439·0 | 5 | 11 | — | 31 | 46 | 42 | 19·45 | 25·0 | 14·3 | 24·4 | 32·7 | 26·7 | 25·9 | 34·5 | 20·0 | 40·5 | March 4, 19 | 14·5 | December 21 |

* The pressure is corrected to sea-level as well as mean gravity. † Highest Temperature recorded in 19 years.

## Observations for the year 1913.

| Relative Humidity (%). | | | | Vapour Pressure (mm.) | | | | Clouds (0—10). | | | | Rainfall (mm.) | | | Days with | | Wind-direction: Number of observations in which the wind-direction was recorded as | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Maximum in one day | | ≥0·1 mm. | ≥1·0 mm. | | | | | | | | | |
| 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | 8 h. | 14 h. | 20 h. | Mean | Total | Amount | Day | of rain. | | N | NE | E | SE | S | SW | W | NW | Calm |
| — | — | — | — | — | — | — | — | — | — | — | — | 547·1 | 42·7 | Aug. 31 | 73 | 57 | — | — | — | — | — | — | — | — | — |
| 65 9h | — | 74 21h | 70 | 12·6 9h | — | 11·9 21h | 12·3 | 2·6 9h | — | 2·3 21h | 2·4 | 717·0 | 69·6 | Nov. 17 | 80 | 75 | 550 | 11 | 1 | 1 | 137 | 9 | 6 | 15 | — |
| 62 8h | — | 70 20h | 76 | 10·2 8h | — | 10·9 20h | 10·5 | 4·5 8h | — | 2·7 20h | 3·6 | 539·6 | 40·3 | Oct. 23 | 71 | 65 | 49 | 2 | — | 1 | 26 | 70·5 | 1·5 | 140 | 440 |
| 62 9h | — | 77 21h | 70 | 10·3 9h | — | 11·1 21h | 10·7 | 2·6 9h | — | 2·1 21h | 2·4 | 613·1 | 219·7 | Nov. 17 | 70 | 57 | 2 | — | 8 | — | 1 | — | 303 | — | 416 |
| 70 8h | — | 53 15h | — | 10·6 8h | — | 11·4 15h | — | 2·2 8h | — | 3·5 15h | — | 638·3 | 221·0 | Nov. 17 | 72 | 56 | 66·5 | 47 | 50 | 78 | 35 | 51 | 121·5 | 183 | 118 |
| 76 9h | — | 83 21h | 79 | 14·8 9h | — | 13·8 21h | 14·3 | 3·0 9h | — | 3·1 21h | 3·1 | 866·4 | 101·6 | Nov. 17 | 64 | 63 | 27 | 74 | 245 | 9 | 21 | 60 | 242 | 51 | — |
| 69 8h | — | 53 15h | — | 10·2 8h | — | 11·4 15h | — | 3·3 8h | — | 3·8 15h | — | 714·7 | 79·8 | Oct 26 | 77 | 61 | 41·5 | 91 | 61·5 | 36 | 151 | 75 | 78 | 96 | 74 |
| 68 9h | — | 82 21h | 75 | 12·6 9h | — | 12·5 21h | 12·5 | 3·3 9h | — | 2·3 21h | 2·8 | 586·5 | 52·1 | Nov. 17 | 78 | 59 | 100 | 110 | 26 | 79 | 56 | 77 | 102 | 179 | 1 |
| 66 | — | 70 | 68 | 11·9 | — | 11·7 | 11·8 | 3·3 | — | 3·0 | 3·1 | 697·2 | 39·4 | Dec. 13 | 71 | 58 | 16 | 55 | 22 | 19 | 1 | 71 | 201 | 84 | 243 |
| 71 | — | 78 | 75 | 13·0 | — | 11·6 | 12·3 | 1·8 | — | 1·1 | 1·4 | 637·0 | 37·3 | Dec. 2 | 68 | 60 | 66 | 15 | 77 | 8 | 24 | 3 | 164 | 4 | 360 |
| 72 8h | 64 | — | — | 11·7 8h | 12·1 | — | — | 3·5 8h | 1·7 | — | — | 334·8 | 76·0 | Oct. 27 | 39 | 35 | 152 | 79·5 | 30 | 13 | 28·5 | 92 | 112·5 | 189·5 | 28 |
| 65 | — | 69 19h | 67 | 7·6 | — | 7·5 19h | 7·5 | — | — | — | — | 484·9 | 51·8 | Feb. 19 | 41 | 41 | 47 | 25·5 | 40 | 69·5 | 25·5 | 28 | 211·5 | 209 | 4 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 75 | — | 75 20h | 75 | 13·4 | — | 13·5 20h | 13·4 | 3·8 | — | 1·6 20h | 2·7 | 67·3 | 13·0 | Feb. 13 | 16 | 15 | 105 | 60·5 | 51·5 | 14·5 | 15 | 51 | 211·5 | 125 | 96 |
| 73 | 62 | 73 | 73 | 12·5 | 12·7 | 12·6 | 12·6 | 4·5 | 3·7 | 3·1 | 3·8 | 260·3 | 40·3 | Dec. 7 | 47 | 37 | 162 | 120 | 22·5 | 24·5 | 48 | 70 | 204·5 | 331·5 | 112 |
| 75 | 68 | 79 | 77 | 13·4 | 15·2 | 14·3 | 14·3 | 2·7 | 2·2 | 2·1 | 2·3 | 101·3 | 13·0 | Nov. 24 | 21 | 18 | 357·5 | 30 | 11·5 | 10·5 | 83 | 153·5 | 147 | 271 | 31 |
| 79 | 55 | 82 | 80 | 12·5 | 13·5 | 12·3 | 12·8 | 1·8 | 1·4 | 0·2 | 1·2 | 92·1 | 10·2 | Feb. 13 | 23 | 21 | 48·5 | 8 | 4 | 2 | 2 | 10 | 55 | 95 | 920 |
| 79 | 44 | 75 | 77 | 12·5 | 11·2 | 11·8 | 11·8 | 2·9 | 4·0 | 1·2 | 2·7 | 58·1 | 11·2 | Dec. 21 | 26 | 13 | 206 | 174 | 45·5 | 21·5 | 20 | 48·5 | 90·5 | 171 | 318 |
| 77 | 42 | 70 | 74 | 11·8 | 10·4 | 11·1 | 11·1 | 2·7 | 2·9 | 1·1 | 2·2 | 46·7 | 18·2 | May 16 | 14 | 9 | 255 | 104·5 | 25 | 22 | 71·5 | 119 | 51 | 268 | 161 |
| 77 | 42 | — | — | 12·4 | 10·8 | — | — | 3·2 | 3·7 | — | — | 9·2 | 6·8 | Feb. 13 | 6 | 2 | 83 | 130 | 107·5 | 27·5 | 27·5 | 84·5 | 132·5 | 116·5 | 8 |
| 70 | — | — | — | 12·4 | — | — | — | *0·8* | — | — | — | 22·6 | 14·3 | May 17 | 7 | 5 | *97* | *8·5* | *7* | *9* | *7* | *4* | *14* | *9·5* | *126* |
| 75 | 42 | 59 | 67 | 12·2 | 10·7 | 11·2 | 11·4 | 2·4 | 2·2 | 0·8 | 1·8 | — | — | — | — | — | 535 | — | — | — | 66 | — | 302 | 192 | — |
| 74 | 40 | 59 | 67 | 11·7 | 10·1 | 10·9 | 10·9 | 3·2 | 2·9 | 1·5 | 2·5 | 16·8 | 4·5 | Feb. 13 | 8 | 5 | 461 | 4 | 1 | 10 | 149 | 27 | 155 | 86 | 202 |
| 74 | — | — | — | 12·0 | — | — | — | 2·8 | — | — | — | 13·1 | 5·4 | Feb. 13 | 5 | 3 | 49·5 | 2 | — | 3 | 36 | 11·5 | 2·5 | 18·5 | 242 |
| 78 | 40 | 66 | 72 | 12·1 | 10·2 | 11·2 | 11·2 | 3·8 | 2·7 | 1·4 | 2·6 | 13·2 | 4·5 | Feb. 13 | 8 | 5 | 414 | 96 | 6·5 | 27·5 | 47 | 61·5 | 67 | 192·5 | 182 |
| 68 | 38 | 44 17h | 56 | 11·9 | 9·9 | 10·2 17h | 11·0 | 1·3 | 1·5 | 1·5 17h | 1·4 | 6·5 | 5·5 | May 16 | 2 | 2 | 426·5 | 89·5 | 19·5 | 24 | 90·5 | 42 | 45·5 | 291·5 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | 17·3 | 5·5 | Feb. 6 | 7 | 6 | 29 | 78 | 3 | 3 | 2 | 33 | 150 | 36 | — |
| 66 | 31 | 44 20h | 55 | 10·2 | 7·2 | 8·4 20h | 8·6 | 2·1 | 2·3 | 1·2 20h | 1·9 | 51·2 | 12·6 | May 16 | 11 | 10 | 442·5 | 170·5 | 48 | 35·5 | 54 | 48·5 | 55 | 241 | — |
| 74 | 41 | 60 | 67 | 12·0 | 11·5 | 11·2 | 11·6 | 1·6 | 1·4 | 0·8 | 1·3 | — | — | — | — | — | 543 | 208·5 | 40 | 56·5 | 93 | 23·5 | 24 | 61·5 | 43 |
| 63 | — | — | — | 10·2 | — | — | — | 2·2 | — | — | — | — | — | — | — | — | 61 | 2 | 41 | 1 | 1 | 3 | 50 | 5 | 201 |
| 65 | — | — | — | 11·4 | — | — | — | 0·2 | — | — | — | — | — | — | — | — | 193·5 | 24 | 11 | — | 58 | 11 | 29 | 27·5 | 11 |
| 62 | 57 | 54 | 58 | 11·8 | 13·6 | 11·4 | 12·3 | 1·5 | 2·0 | 1·6 | 1·7 | — | — | — | — | — | 287·5 | 36 | 4 | 35 | 11·5 | 2·5 | 58 | 646·5 | 14 |
| 68 | — | — | — | 11·1 | — | — | — | 1·2 | — | — | — | — | — | — | — | — | 211 | 36·5 | 29·5 | 7·5 | 8 | 10 | 30 | 31·5 | 1 |
| 63 | 37 | 48 | 56 | 10·8 | 10·5 | 10·1 | 10·5 | 0·0 | 0·0 | 0·0 | 0·0 | — | — | — | — | — | 383·5 | 32 | 0·5 | 8·5 | 4 | 5·5 | 18·5 | 642·5 | — |
| *42* | — | — | — | *10·1* | — | — | — | *0·4* | — | — | — | — | — | — | — | — | *53* | *15* | *9* | *2* | *2* | *17* | *38* | *139* | — |
| 43 | 29 | 39 | 41 | 8·2 | 8·8 | 8·2 | 8·4 | 0·9 | 0·8 | 1·1 | 0·9 | — | — | — | — | — | 1025 | 3 | 7 | 1 | — | 3 | 3 | 5 | 33 |
| 40 | 21 | 39 | 40 | 7·5 | 6·2 | 7·2 | 7·0 | 0·5 | 0·6 | 0·6 | 0·6 | — | — | — | — | — | 655·5 | 84·5 | 5 | 21·5 | 12·5 | 6 | — | 291 | 19 |
| 36 | 20 | 17 | 26 | 6·5 | 6·4 | 4·0 | 5·7 | 0·6 | 0·6 | 0·5 | 0·6 | — | — | — | — | — | 599·5 | 55·5 | 2·5 | 6 | 5·5 | 16·5 | 11 | 380·5 | — |
| 39 | 20 | 29 | 34 | 7·0 | 6·6 | 7·1 | 6·9 | 1·0 | 1·3 | 0·5 | 0·9 | — | — | — | — | — | 801 | 151 | 24 | 12·5 | 19 | 11 | 14·5 | 58 | 4 |
| 50 | 55 | 67 | 58 | 14·2 | 16·9 | 16·9 | 16·0 | 1·7 | 1·3 | 1·0 | 1·3 | 13·1 | 10·6 | Nov. 5 | 4 | 2 | 360·5 | 289 | 51·5 | 66·5 | 25 | 5 | 11·5 | 213 | 73 |
| 56 | 58 | 69 | 63 | 16·7 | 18·9 | 18·9 | 18·2 | 2·0 | 1·1 | 1·1 | 1·4 | 21·4 | 5·8 | Nov. 12 | 8 | 7 | 193 | 596 | 49 | 44 | 9 | 23 | 26 | 50 | 105 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 56 | — | — | — | 16·2 | — | — | — | 3·2 | — | — | — | 125·2 | 46·0 | Dec. 27 | 17 | 11 | 89 | 203 | 29 | 3 | 1·5 | 11 | 9·5 | 19 | — |
| 23 | 11 | 16 | 19 | 5·1 | 4·4 | 4·7 | 4·7 | 1·1 | 1·2 | 0·8 | 1·1 | — | — | — | — | — | 398·5 | 100 | 14·5 | 8·5 | 18·5 | 167·5 | 101 | 279·5 | 5 |
| 59 | — | — | — | 17·4 | — | — | — | — | — | — | — | 67·0 | 10·5 | Jan. 26 | 19 | 19 | — | — | — | — | — | — | — | — | — |
| 30 | 17 | 23 | 26 | 7·9 | 7·2 | 6·9 | 7·3 | 0·7 | 1·1 | 0·9 | 0·9 | 0·0 | 0·0 | — | — | — | 432 | 119 | 38·5 | 43 | 69·5 | 115·5 | 58 | 179·5 | 39 |
| 38 | — | — | — | 10·9 | — | — | — | 0·6 | — | — | — | 102·3 | 35·2 | Aug. 15 | 8 | 8 | 148·5 | 30·5 | 10 | 26 | 36 | 33 | 8 | 34 | 36 |
| 30 | 15 | 22 | 26 | 8·0 | 6·5 | 7·0 | 7·2 | 1·1 | 1·4 | 1·0 | 1·2 | 100·4 | 40·6 | Aug. 14 | 11 | 9 | 369 | 234 | 19 | 29 | 85 | 125·5 | 42 | 81·5 | 116 |
| 44 | 24 | 35 | 40 | 11·0 | 9·8 | 10·0 | 10·3 | 1·7 | 2·4 | 2·3 | 2·1 | 406·4 | 75·0 | Aug. 7 | 32 | 32 | 258 | 208 | 74 | 97 | 154 | 91 | 71 | 141 | 1 |
| 36 | — | 31 | 33 | 9·2 | — | 8·8 | 9·0 | 1·4 | — | 1·9 | 1·7 | 390·4 | 75·0 | Aug. 10 | 31 | 26 | 180·5 | 171·5 | 15 | 23·5 | 37·5 | 154·5 | 45 | 101·5 | 1 |
| 33 | — | 26 | 30 | 8·7 | — | 7·7 | 8·2 | 1·6 | — | 1·5 | 1·6 | 139·5 | 44·0 | Aug. 23 | 12 | 12 | 335 | 56·5 | 41·5 | 53 | 182 | 19·5 | 11·5 | 11 | 20 |
| 31 | 17 | 27 | 29 | 7·4 | 6·3 | 7·1 | 6·9 | 2·7 | 3·1 | 1·8 | 2·5 | 317·6 | 39·1 | Aug. 14 | 30 | 28 | 359·5 | 216·5 | 26·5 | 45 | 88 | 174 | 34·5 | 132 | 19 |
| 59 | — | — | — | 12·5 | — | — | — | — | — | — | — | 336·5 | 51·5 | Aug. 20 | 44 | 36 | — | — | — | — | — | — | — | — | — |
| 45 | 23 | 39 | 42 | 10·4 | 8·2 | 9·1 | 9·2 | 2·6 | 3·6 | 3·9 | 3·4 | 681·0 | 41·0 | Aug. 4 | 70 | 70 | 333 | 11 | 181 | 11 | 299 | 11 | 202 | 16 | 31 |
| 63 | — | 59 | 61 | 14·2 | — | 16·2 | 15·2 | 1·7 | — | 1·9 | 1·8 | 432·8 | 52·0 | Sept. 4 | 44 | 44 | 164 | 5 | 28 | 13 | 231 | 82 | 69 | 117 | 21 |
| 45 | — | — | — | 11·0 | — | — | — | 0·7 | — | — | — | 596·3 | 65·0 | Sept. 3 | 42 | 40 | 33·5 | 61 | 94 | 75 | 35·5 | 14 | 24 | 28 | — |
| 47 | 28 | 46 | 47 | 11·4 | 10·2 | 11·6 | 11·1 | 4·0 | 4·1 | 2·8 | 3·6 | 658·5 | 77·7 | July 20 | 42 | 41 | 164 | 267 | 56 | 104·5 | 119·5 | 177·5 | 47·5 | 36 | 123 |
| — | — | — | — | — | — | — | — | — | — | — | — | 810·9 | 91·4 | May 10 | 87 | 82 | 14 | 11 | 25 | 139 | 31 | 3 | 3 | 139 | — |
| — | — | — | — | — | — | — | — | 2·1 | — | — | — | 704·1 | 60·0 | Aug. 12 | 65 | 62 | 48 | — | 118 | — | 79 | — | 120 | — | — |
| 54 | — | — | — | 14·2 | — | — | — | 1·4 | — | — | — | 554·8 | 55·5 | May 5 | 62 | 45 | 124 | 32 | 8 | 3 | 118 | 3 | 1 | 4 | 69 |
| 60 | — | — | — | 15·4 | — | — | — | 3·0 | — | — | — | 779·4 | 57·0 | Sept. 14 | 75 | 65 | 4 | 16 | 29 | 167 | 26 | 40 | 57 | 17 | — |
| 57 | 32 | 52 | 54 | 13·2 | 11·4 | 13·0 | 12·5 | 2·6 | 2·5 | 2·6 | 2·6 | 866·4 | 68·6 | Aug. 20 | 63 | 59 | 2 | 332 | 14 | 241 | 11·5 | 455 | 2 | 37·5 | — |
| 71 | 39 | 63 | 67 | 15·9 | 13·9 | 16·0 | 15·3 | 4·8 | 5·3 | 3·9 | 4·7 | 682·6 | 70·0 | Oct. 7 | 68 | 67 | 63·5 | 76 | 175 | 122·5 | 161·5 | 55·5 | 29·5 | 16·5 | 395 |

# ADDITIONAL TABLES.

## Evaporation: 1913.

(in mm.)

| Number | Stations | January | February | March | April | May | June | July | August | September | October | November | December | Year | Type of Evaporimeter in use |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Candia ... ... ... ... ... ... | 2·74 | 3·25 | 3·49 | 4·04 | 3·62 | 4·56 | 5·56 | 4·41 | 5·22 | 3·28 | 3·52 | 3·70 | 3·95 | Piche |
| 2 | Sîdi Barrâni ... ... ... ... ... | 3·41 | 5·16 | 4·50 | 6·97 | 5·78 | 5·90 | 7·01 | 6·63 | 7·21 | 6·63 | 5·66 | 4·48 | 5·78 | " |
| 3 | Port Said ... ... ... ... ... | 1·53 | 2·11 | 2·21 | 2·29 | 2·93 | 2·71 | 2·87 | 2·52 | 2·53 | 2·55 | 1·94 | 1·81 | 2·33 | Wild |
| 4 | Alexandria (Victoria College)... | 3·32 | 3·60 | 4·59 | 4·32 | 3·87 | 3·31 | — | — | — | — | 3·00 | 2·69 | — | " |
| 5 | Alexandria (Kom el Nadûra) ... | 1·39 | 1·91 | 1·72 | 1·83 | 2·27 | 1·53 | 2·09 | 2·06 | 2·43 | 2·19 | 1·62 | 1·68 | 1·89 | " |
| 6 | El ʿArîsh ... ... ... ... ... | 3·26 | 6·00 | 5·00 | 4·34 | 5·34 | 4·85 | 5·63 | 4·53 | 4·63 | 4·66 | 3·55 | 2·69 | 4·54 | Piche |
| 7 | Sakha ... ... ... ... ... ... | 2·11 | 2·75 | 3·35 | 4·66 | 5·43 | 5·16 | 4·46 | 3·67 | 3·50 | 2·83 | 2·00 | 1·99 | 3·49 | " |
| 8 | Qorashîa ... ... ... ... ... | 3·05 | 3·31 | 4·58 | 5·58 | 6·82 | 8·83 | 7·88 | 5·86 | 5·35 | 4·16 | 3·21 | 2·58 | 5·10 | " |
| 9 | Zagazig ... ... ... ... ... ... | 0·98 | 2·05 | 2·54 | 3·14 | 4·35 | 4·79 | 5·32 | 3·82 | 2·69 | 2·25 | *1·58* | 1·54 | 2·92 | Wild |
| 10 | Benha ... ... ... ... ... ... | 3·56 | 2·78 | 3·10 | 3·96 | 4·82 | 5·96 | 5·59 | 4·25 | 5·13 | 3·84 | 3·13 | 3·05 | 4·10 | Piche |
| 11 | Khanka ... ... ... ... ... ... | — | 10·15 | *9·66* | *10·11* | [illegible]·69 | *14·13* | 14·66 | 11·72 | *10·87* | 8·75 | — | — | *11·30* | " |
| 12 | Heliopolis ... ... ... ... ... | 4·66 | 6·48 | 8·10 | 10·27 | 10·50 | 12·22 | 12·07 | 9·34 | 8·53 | 7·02 | 4·76 | 4·90 | 8·24 | " |
| 13 | Cairo (Ezbekia) ... ... ... ... | 1·66 | 2·75 | 3·52 | 4·45 | 5·04 | 5·67 | 5·77 | 4·68 | 3·98 | *3·72* | 2·65 | 2·29 | 3·85 | " |
| 14 | Giza... ... ... ... ... ... | 1·03 | 2·34 | 3·31 | 4·65 | 5·54 | *5·10* | 5·51 | 3·31 | 2·32 | 2·75 | 1·87 | 2·34 | 3·34 | Wild |
| 15 | Helwân ... ... ... ... ... ... | 2·46 | 3·46 | 5·67 | 7·19 | 7·95 | 9·28 | 9·42 | 7·87 | 7·08 | 5·04 | 3·01 | 2·28 | 5·89 | " |
| 16 | Qasr el Gebali ... ... ... ... | 1·95 | 3·08 | 3·94 | 5·00 | 4·88 | 6·55 | 6·91 | 5·36 | 5·89 | 4·19 | 2·42 | 2·02 | 4·35 | " |
| 17 | Beni Suef ... ... ... ... ... | 1·13 | 1·58 | 2·66 | 3·17 | 4·76 | 6·92 | 6·52 | 5·35 | 4·36 | 2·64 | — | 1·05 | 3·65 | " |
| 18 | Tôr ... ... ... ... ... ... | 5·68 | 6·67 | 7·44 | 7·38 | 9·61 | 10·12 | 10·27 | 8·11 | 7·53 | 6·19 | 6·22 | 5·35 | 7·55 | Piche |
| 19 | Minia ... ... ... ... ... ... | *2·96* | 4·59 | 5·54 | 7·16 | 7·29 | 12·55 | 13·77 | 10·00 | 8·74 | 5·19 | 3·79 | 2·95 | 7·04 | Wild |
| 20 | Assiût ... ... ... ... ... ... | 2·38 | 4·23 | 6·31 | 8·90 | 10·36 | 14·51 | 15·52 | 12·55 | 10·96 | 6·04 | 3·76 | 2·45 | 8·16 | " |
| 21 | Qena ... ... ... ... ... ... | — | — | — | 5·24 | 5·72 | 7·22 | 6·95 | 8·22 | 7·85 | 5·09 | 3·40 | 2·43 | *5·79* | Piche* |
| 22 | Dakhla Oasis ... ... ... ... | 4·65 | 4·72 | 4·81 | 8·32 | 10·14 | 11·30 | 9·51 | 9·88 | 7·83 | 5·67 | 3·46 | 2·70 | 6·92 | " |
| 23 | Esna ... ... ... ... ... ... | 3·02 | 3·78 | 5·57 | 7·78 | 9·74 | 11·84 | 11·12 | 10·03 | 10·12 | 7·00 | 4·38 | 2·90 | 7·27 | Wild |
| 24 | Aswân ... ... ... ... ... ... | 6·00 | 5·95 | 7·04 | 8·25 | 10·42 | 12·26 | 13·72 | 15·25 | 14·13 | 11·67 | 7·89 | 6·86 | 9·79 | " |
| 25 | Wadi Halfa ... ... ... ... ... | 8·10 | 8·46 | 11·16 | 16·00 | 18·71 | 17·40 | 19·55 | 19·58 | 22·00 | 17·42 | 11·43 | 8·60 | 14·87 | Piche |
| 26 | Dongonab ... ... ... ... ... | 8·54 | 10·43 | 11·31 | 10·41 | 12·62 | 16·98 | 13·72 | 14·00 | 12·15 | 6·52 | 7·04 | 9·44 | 11·08 | " |
| 27 | Port Sudan ... ... ... ... ... | 7·48 | 7·29 | 7·47 | 9·55 | 10·04 | 12·38 | 13·50 | 13·53 | 11·34 | 6·98 | 8·77 | 10·36 | 9·97 | " |
| 28 | Dongola... ... ... ... ... ... | 7·60 | 8·58 | 12·81 | 16·20 | *27·36* | 20·28 | 23·15 | 19·51 | 16·02 | 15·08 | 11·03 | 8·11 | 15·48 | " |
| 29 | Suakin ... ... ... ... ... ... | 4·64 | 5·20 | 4·99 | 6·24 | 7·62 | 10·31 | 11·10 | 10·75 | 6·89 | 4·62 | 5·01 | 5·79 | 6·93 | " |
| 30 | Erkowit ... ... ... ... ... ... | — | — | — | — | *9·20* | 13·70 | 14·23 | 12·15 | 14·72 | — | — | — | — | " |
| 31 | Merowe ... ... ... ... ... ... | 11·06 | 12·41 | 14·47 | 17·32 | 18·85 | 19·66 | 18·55 | 16·62 | 18·19 | 17·61 | 13·35 | 11·27 | 15·78 | " |
| 32 | Tokar ... ... ... ... ... ... | 4·75 | 4·74 | 6·69 | 8·88 | 10·17 | 15·71 | 19·42 | 18·23 | 14·35 | 11·13 | 9·18 | 7·97 | 10·94 | " |
| 33 | ʿAtbara ... ... ... ... ... ... | 12·05 | 14·61 | 16·44 | 18·28 | 19·05 | 19·49 | 18·60 | 18·95 | 17·19 | 19·69 | 19·25 | 16·74 | 17·53 | " |
| 34 | Khartoum (Research Farm) ... | 9·90 | 10·77 | 11·36 | 13·80 | *14·25* | 17·40 | 17·74 | 13·22 | — | 13·89 | 10·80 | 11·23 | 13·12 | " |
| 35 | " (Gordon College) ... | 12·67 | 15·53 | 17·51 | 19·97 | 20·55 | 21·48 | 15·72 | 12·08 | 13·66 | 16·81 | 15·55 | 14·00 | 16·29 | " |
| 36 | Kassala ... ... ... ... ... ... | 7·63 | 8·50 | 10·51 | 14·13 | — | 14·25 | 13·75 | 8·08 | 9·03 | 14·00 | 9·69 | 8·52 | 10·74 | " |
| 37 | Wad Medani... ... ... ... ... | 11·73 | 13·35 | 16·21 | 19·32 | 17·07 | 18·80 | 11·27 | 6·35 | 8·29 | 12·11 | 13·28 | 12·57 | 13·36 | " |
| 38 | Dueim ... ... ... ... ... ... | 16·06 | 18·67 | 19·40 | 19·14 | 17·92 | 17·98 | 12·34 | 8·88 | 11·70 | 15·77 | 18·10 | 16·33 | 16·02 | " |
| 39 | El Obeid ... ... ... ... ... | 11·10 | 12·32 | 13·97 | 17·53 | 16·61 | 15·27 | 12·00 | 7·26 | 6·83 | 12·61 | 15·53 | 14·42 | 12·95 | " |
| 40 | Singa ... ... ... ... ... ... | 12·66 | 13·17 | 14·90 | 15·27 | 13·50 | 15·44 | 7·06 | 5·53 | 6·04 | 10·59 | *16·42* | 15·50 | 12·17 | " |
| 41 | Gallabat... ... ... ... ... ... | 11·45 | 14·09 | 17·27 | 13·65 | 10·92 | 12·07 | 4·98 | 3·21 | 4·35 | 8·73 | 11·68 | 13·56 | 10·50 | " |
| 42 | Roseires... ... ... ... ... ... | 15·32 | 16·96 | 17·74 | 14·83 | 12·71 | 13·17 | 6·39 | 4·81 | 5·77 | 9·13 | 14·28 | 13·96 | 12·09 | " |
| 43 | Kadugli ... ... ... ... ... ... | 12·94 | 15·46 | 15·47 | 17·10 | 11·45 | 9·82 | 5·49 | 3·27 | 3·99 | 6·63 | 12·59 | 12·08 | 10·52 | " |
| 44 | Kodok ... ... ... ... ... ... | *24·74* | — | 28·94 | 17·11 | 15·68 | 14·57 | 7·90 | 6·16 | 5·58 | 8·10 | 19·76 | 24·54 | 15·73 | " |
| 45 | Gambela... ... ... ... ... ... | 7·29 | 7·42 | 11·18 | *10·37* | 6·31 | *5·14* | 3·78 | 4·15 | 5·35 | 6·56 | 9·45 | 11·37 | 7·36 | " |
| 46 | Wau ... ... ... ... ... ... | 11·69 | 12·19 | 12·87 | 7·71 | 7·38 | 7·32 | 5·07 | 4·81 | 4·98 | 4·79 | 11·65 | 14·03 | 8·71 | " |
| 47 | Mongalla ... ... ... ... ... | 7·87 | 5·36 | 5·45 | 5·03 | 3·98 | 3·63 | 2·66 | 2·76 | 5·32 | 4·23 | 5·52 | 8·48 | 5·02 | " |

* Wild evaporimeter up to 15th August.

## Mean of day of Wind Force.

(Scale 0–10) or Velocity (kilometres p e r hour).

| Number | Stations | January | February | March | April | May | June | July | August | September | October | November | December | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | Smyrna (km per hour) | 5·8 | 7·4 | 6·8 | 6·3 | 5·6 | 6·1 | 6·1 | 6·0 | — | — | — | — | — |
| 2 | Candia (km per hour) | 4·3 | 4·8 | 5·3 | 3·2 | 2·7 | 2·7 | 3·2 | 3·2 | 3·2 | 3·7 | 5·9 | 8·5 | 4·2 |
| 3* | Sidi Barrâni (scale 0–10) | 4·6 | 5·1 | 4·0 | 3·9 | 2·1 | 1·5 | 1·8 | 1·5 | 1·2 | 1·9 | 2·0 | 2·5 | 2·7 |
| 4 | Hebron " | 1·3 | 1·3 | 1·2 | 1·1 | 1·1 | 0·9 | 1·0 | 0·9 | — | 1·4 | 1·8 | 1·8 | 1·2 |
| 5 | Port Said " | 1·1 | 1·8 | 2·0 | 2·0 | 1·8 | 1·4 | 1·6 | 1·5 | 1·3 | 1·4 | 1·4 | 2·0 | 1·6 |
| 6* | Alexandria (Victoria College) (scale 0–10) | 3·1 | 3·3 | 3·7 | 3·3 | 3·2 | 3·4 | — | — | — | — | 2·1 | 2·7 | — |
| 7 | Alexandria (Kom el Nadûra) (km per hour) | 11·8 | 11·0 | 10·8 | 12·1 | 20·9 | 15·0 | 15·5 | 12·2 | 9·5 | 8·7 | 8·4 | 15·9 | 12·7 |
| 8 | El ʿArîsh (scale 0–10) | 1·9 | 2·7 | 2·4 | 2·6 | 2·0 | 2·1 | 1·9 | 1·6 | 1·6 | 1·5 | 1·7 | 2·1 | 2·0 |
| 9 | Sakha " | 0·6 | 0·9 | 0·8 | 0·4 | 1·0 | 0·6 | 0·8 | 0·3 | 0·7 | 0·4 | 0·2 | 0·7 | 0·6 |
| 10 | Qorashia (km per hour) | 4·0 | 6·3 | 6·9 | 7·0 | 7·7 | 6·9 | 7·2 | 4·7 | 2·9 | 3·6 | 3·7 | 5·9 | 5·6 |
| 11 | Zagazig (scale 0–10) | 1·2 | 1·4 | 1·7 | 1·8 | 1·6 | 1·7 | 1·7 | 1·5 | 1·1 | 0·9 | 0·9 | *1·0* | 1·4 |
| 12* | Benha " | 1·7 | 1·6 | 1·7 | 1·9 | 1·9 | 1·8 | 1·5 | 1·6 | *1·7* | 1·9 | 2·1 | 2·1 | 1·8 |
| 13* | Khanka " | — | 1·1 | 0·9 | *0·4* | 0·4 | 0·2 | — | 1·4 | *1·1* | 1·3 | — | 2·7 | *1·1* |
| 14 | Heliopolis " | 2·0 | 3·2 | 2·8 | 3·3 | 2·9 | 3·3 | 2·8 | 2·8 | 2·5 | 2·4 | 2·1 | 3·0 | 2·8 |
| 15 | Abbassîa " | 1·5 | 2·9 | 2·4 | 2·1 | 2·0 | 2·4 | 1·9 | 1·4 | 1·1 | 1·8 | 1·4 | 2·5 | 2·0 |
| 16* | Cairo (Ezbekia) (scale 0–10) | 0·8 | 1·3 | 0·3 | 0·7 | 0·7 | 0·6 | 0·7 | 0·2 | 0·3 | 0·8 | 0·7 | 1·6 | 0·7 |
| 17 | Giza (km per hour) | 2·6 | 3·9 | 6·2 | 6·1 | 5·4 | 7·3 | T 2·2 | T 2·1 | T 2·0 | T 1·5 | T 1·4 | T 2·1 | 5·2 |
| 18 | Suez (scale 0–10) | 1·2 | 1·9 | 1·8 | *1·4* | 1·2 | *1·2* | *1·2* | 1·2 | *1·2* | 1·0 | *1·1* | *1·4* | *1·3* |
| 19 | Helwân (km per hour) | 13·2 | 18·5 | 21·9 | 19·9 | 20·1 | 23·9 | 22·3 | 18·9 | 19·0 | 16·1 | 12·0 | 14·5 | 18·4 |
| 20 | Qasr el Gebali (scale 0–10) | 1·7 | 2·5 | 2·7 | 2·4 | 1·9 | 2·1 | 2·3 | 2·2 | 2·2 | 1·6 | 1·4 | 1·7 | 2·1 |
| 21* | Siwa (scale 0–10) | 1·9 | 2·4 | 2·4 | 4·4 | 2·6 | 1·7 | 2·1 | 1·3 | 1·3 | 1·2 | 0·8 | 0·8 | 1·9 |
| 22* | Beni Suef " | 1·0 | 1·4 | 1·3 | 1·2 | 0·8 | 1·2 | 1·1 | 1·0 | 1·3 | 1·0 | 1·0 | 1·2 | 1·1 |
| 23 | Tôr (km per hour) | 18·7 | 20·1 | 20·1 | 20·8 | 23·4 | 30·9 | 26·2 | 23·4 | 23·9 | 15·3 | 16·3 | 15·1 | 21·2 |
| 24* | Minia (scale 0–10) | 2·7 | 3·5 | 3·6 | 4·0 | 3·3 | 4·8 | 3·6 | 3·0 | 4·1 | 2·6 | 2·5 | 2·7 | 3·4 |
| 25 | Assiût " | 2·1 | 2·1 | 2·3 | 2·3 | 2·3 | 2·8 | 3·0 | 3·0 | 3·0 | 2·6 | 2·2 | 2·1 | 2·5 |
| 26* | Qena (scale 0–10) | — | — | — | 1·3 | 1·5 | 1·5 | 1·6 | 1·5 | 1·5 | 1·3 | 1·2 | 1·1 | *1·4* |
| 27 | Dakhla Oasis (scale 0–10) | 2·0 | 3·0 | 2·1 | 2·3 | 1·9 | 2·3 | 2·1 | 1·8 | 2·3 | 1·9 | 2·4 | 1·9 | 2·2 |
| 28 | Esna (scale 0–10) | 2·0 | 1·7 | 2·1 | 1·9 | 2·2 | 2·0 | 2·0 | 2·2 | 1·9 | 1·9 | 2·0 | 2·0 | 2·0 |
| 29 | Aswân " | 3·0 | 2·9 | 3·3 | 3·3 | 3·4 | 3·5 | 3·4 | 3·4 | 3·5 | 2·6 | 3·0 | 3·2 | 3·2 |
| 30 | Wadi Halfa (scale 0–10) | 2·2 | 2·1 | 2·5 | 2·7 | 3·1 | 2·9 | 2·5 | 2·2 | 2·7 | 2·3 | 2·1 | 2·4 | 2·5 |
| 31 | Dongonab (scale 0–10) | 2·2 | 2·2 | 2·7 | 2·4 | 2·9 | 2·5 | 2·2 | 2·1 | 1·9 | 2·3 | 2·5 | 2·6 | 2·4 |
| 32 | Port Sudan " | 2·7 | 2·5 | 1·5 | 1·0 | 1·7 | 1·9 | 1·9 | 2·0 | 2·3 | 2·2 | 2·6 | 3·5 | 2·2 |
| 33* | Suakin " | 4·1 | 3·3 | 3·4 | 2·6 | 2·5 | 2·4 | 2·6 | 2·6 | 1·3 | 1·6 | 2·5 | 4·0 | 2·7 |
| 34* | Erkowit " | — | — | — | — | *2·6* | 2·4 | 4·2 | 3·9 | 1·5 | — | — | — | — |
| 35 | Merowe " | 1·4 | 1·6 | 1·8 | 1·8 | 1·7 | 1·6 | 1·6 | 1·6 | 1·9 | 1·7 | 1·6 | 1·5 | 1·6 |
| 36* | Tokar (scale 0–10) | 1·8 | 3·9 | — | — | — | — | — | 6·0 | 1·9 | 3·3 | 2·5 | 2·5 | — |
| 37 | ʿAtbara " | 1·4 | 2·1 | 2·3 | 2·2 | 2·1 | 2·2 | 2·8 | 2·3 | 1·8 | 1·6 | 1·4 | 1·9 | 2·0 |
| 38* | Khartoum (Research Farm) (km per hour) | 5·0 | 4·3 | 18·0 | 11·1 | 15·0 | 24·3 | 17·1 | 13·4 | 10·8 | 17·0 | 18·0 | 18·0 | 14·3 |
| 39 | " (Gordon College) (scale 0–10) | 1·5 | 1·8 | 2·1 | 1·8 | 1·9 | 2·6 | 3·7 | 3·4 | 2·8 | 1·9 | 2·1 | 2·3 | 2·3 |
| 40 | Kassala (scale 0–10) | 1·6 | 1·3 | 1·4 | 1·4 | 1·5 | 1·6 | 2·1 | 2·0 | 1·6 | 1·4 | 1·4 | 1·6 | 1·6 |
| 41 | Wad Medani (scale 0–10) | 2·7 | 3·2 | 2·8 | 2·8 | 2·8 | 3·4 | 4·1 | 3·0 | 2·4 | 2·2 | 2·4 | 2·2 | 2·8 |
| 42 | Dueim " | 1·9 | 2·0 | 2·2 | 2·1 | 2·0 | 2·4 | 3·3 | 2·2 | 1·7 | 2·0 | 2·7 | 2·2 | 2·2 |
| 43 | El Obeid " | 3·2 | 3·4 | 3·1 | 2·4 | 2·9 | 2·9 | 3·2 | 3·1 | 2·8 | 3·1 | 3·9 | 3·9 | 3·2 |
| 44 | Gallabat " | 1·5 | 1·5 | 2·2 | 2·3 | 2·5 | 3·1 | 2·5 | 2·5 | 2·4 | 2·4 | 2·5 | 2·8 | 2·4 |
| 45 | Roseires " | 1·2 | 1·1 | 1·6 | 1·4 | 1·8 | 1·4 | 1·8 | 2·0 | 1·6 | 1·0 | 1·2 | 1·2 | 1·4 |
| 46* | Kadugli (scale 0–10) | 2·3 | 2·2 | 2·6 | 2·3 | 2·2 | 2·4 | 2·3 | 2·2 | 2·2 | 2·4 | 2·4 | 2·1 | 2·3 |
| 47 | Kodok (km per hour) | 12·0 | 10·8 | 12·0 | 5·1 | 4·8 | 6·2 | 5·4 | 3·6 | 3·0 | 3·3 | 6·2 | 10·5 | 6·9 |
| 48* | Kafia Kingi (scale 0–10) | 4·0 | 3·7 | 2·8 | 3·1 | 3·2 | 3·7 | 3·4 | 2·3 | 2·3 | 3·2 | 3·9 | 4·0 | 3·3 |
| 49* | Doleib Hill " | 2·8 | 2·9 | 2·9 | 1·4 | 1·3 | 1·0 | 0·6 | 0·6 | 0·9 | 1·1 | 2·6 | 2·7 | 1·7 |
| 50* | Gambela " | 6·3 | 5·3 | 5·0 | *5·2* | 5·2 | *4·1* | 2·8 | 3·2 | 2·9 | 3·1 | 3·3 | 3·8 | 4·2 |
| 51 | Wau (scale 0–10) | 2·8 | 2·3 | 2·9 | 2·6 | 2·6 | 2·9 | 2·6 | 2·5 | 2·5 | 2·6 | 2·8 | 3·0 | 2·7 |
| 52 | Mongalla (km per hour) | 7·0 | 7·2 | 8·5 | 6·9 | 3·4 | 3·3 | 1·8 | 1·7 | 1·7 | 2·3 | 3·9 | 4·2 | 4·3 |

* 8 a.m. Wind force.

T Scale (0–10) 1·9

## ALEXANDRIA (Kom el Nadûra) Wind Velocity (in kilometres per hour).

### Daily Means.

| Days of Month | January | February | March | April | May | June | July | August | September | October | November | December |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20·2 | 14·6 | 6·8 | 15·8 | 12·5 | 15·5 | 10·8 | 6·9 | 14·6 | 15·6 | 4·8 | 3·4 |
| 2 | 12·2 | 11·3 | 13·4 | 5·0 | 5·8 | 15·9 | 13·3 | 17·0 | 10·7 | 13·5 | 6·2 | 11·8 |
| 3 | 2·2 | 1·7 | 36·0 | 10·2 | 3·4 | 12·0 | 12·4 | 15·1 | 8·8 | 7·7 | 4·6 | 26·0 |
| 4 | 3·6 | 7·0 | 31·3 | 19·6 | 6·6 | 13·6 | 16·0 | 14·8 | 8·7 | 5·9 | 4·7 | 17·6 |
| 5 | 3·2 | 10·4 | 11·0 | 16·8 | 10·4 | 8·6 | 16·5 | 15·7 | 7·8 | 4·5 | 7·5 | 7·0 |
| 6 | 4·6 | 12·9 | 2·9 | 7·8 | 21·2 | 9·5 | 9·0 | 14·9 | 8·2 | 7·2 | 3·9 | 4·8 |
| 7 | 21·5 | 11·8 | 5·3 | 11·9 | 28·0 | 13·3 | 11·8 | 17·8 | 7·4 | 6·5 | 4·0 | 25·1 |
| 8 | 17·3 | 6·2 | 6·0 | 18·2 | 21·7 | 16·2 | 15·1 | 13·8 | 8·4 | 7·2 | 0·5 | 19·3 |
| 9 | 9·4 | 2·2 | 3·5 | 12·7 | 24·2 | 12·9 | 5·0 | 12·6 | 16·5 | 6·8 | 5·3 | 11·0 |
| 10 | 4·6 | 1·9 | 2·5 | 4·8 | 12·0 | 13·6 | 12·4 | 19·4 | 11·9 | 8·2 | 9·1 | 22·9 |
| 11 | 18·1 | 3·4 | 4·2 | 12·8 | 24·5 | 15·6 | 11·5 | 12·1 | 5·8 | 8·4 | 10·8 | 16·2 |
| 12 | 8·0 | 10·4 | 17·2 | 6·3 | 34·4 | 17·6 | 5·2 | 13·0 | 4·9 | 7·8 | 10·4 | 30·1 |
| 13 | 8·1 | 7·1 | 18·9 | 4·4 | 30·1 | 8·0 | 7·4 | 12·7 | 5·4 | 6·1 | 4·1 | 28·0 |
| 14 | 8·0 | 29·2 | 14·9 | 11·0 | 22·6 | 9·4 | 12·4 | 8·9 | 4·8 | 4·6 | 1·9 | 19·3 |
| 15 | 1·9 | 23·3 | 5·7 | 10·2 | 32·9 | 12·5 | 19·5 | 3·1 | 5·2 | 2·9 | 1·5 | 20·0 |
| 16 | 3·9 | 23·6 | 6·4 | 14·6 | 35·7 | 17·2 | 17·7 | 5·5 | 12·5 | 2·9 | 9·2 | 41·9 |
| 17 | 7·4 | 32·5 | 9·5 | 8·9 | 25·8 | 24·0 | 15·7 | 8·1 | 8·8 | 4·6 | 3·0 | 39·8 |
| 18 | 4·1 | 15·9 | 10·7 | 7·7 | 22·2 | 23·2 | 13·1 | 11·2 | 4·2 | 11·0 | 4·2 | 23·8 |
| 19 | 8·1 | 10·0 | 6·6 | 11·8 | 11·2 | 13·3 | 14·0 | 11·9 | 3·8 | 7·0 | 4·8 | 2·3 |
| 20 | 8·1 | 19·2 | 5·2 | 11·6 | 17·2 | 7·6 | 14·1 | 10·5 | 9·2 | 3·8 | 22·7 | 3·9 |
| 21 | 1·9 | 2·6 | 7·5 | 22·1 | 16·1 | 9·7 | 16·2 | 6·3 | 12·6 | 7·8 | 11·2 | 7·0 |
| 22 | 2·0 | 7·0 | 2·6 | 18·4 | 19·1 | 10·6 | 15·9 | 6·5 | 17·2 | 11·5 | 7·0 | 21·3 |
| 23 | 6·4 | 13·8 | 7·2 | 21·0 | 28·7 | 13·4 | 20·8 | 9·2 | 10·6 | 17·7 | 18·6 | 14·5 |
| 24 | 33·1 | 20·8 | 8·9 | 11·5 | 24·2 | 17·6 | 16·8 | 14·0 | 9·6 | 11·7 | 15·3 | 5·8 |
| 25 | 17·6 | 11·0 | 8·9 | 6·2 | 17·9 | 18·6 | 9·6 | 11·4 | 7·9 | 11·6 | 8·5 | 4·8 |
| 26 | 5·2 | 5·8 | 7·6 | 2·5 | 26·0 | 14·7 | 11·8 | 7·3 | 4·5 | 8·3 | 5·0 | 13·4 |
| 27 | 2·5 | 8·5 | 6·8 | 5·2 | 22·6 | 6·8 | 22·8 | 11·8 | 2·7 | 5·1 | 8·3 | 24·3 |
| 28 | 15·1 | 1·8 | 4·3 | 6·3 | 22·1 | 9·6 | 28·4 | 10·1 | 3·6 | 2·5 | 7·7 | 7·7 |
| 29 | 11·4 | | 10·9 | 6·9 | 12·9 | 10·6 | 20·9 | 6·9 | 12·9 | 7·4 | 20·1 | 9·5 |
| 30 | 11·4 | | 19·7 | 15·5 | 8·4 | 11·2 | 13·5 | 5·6 | 16·0 | 11·7 | 9·8 | 9·8 |
| 31 | 5·6 | | 18·3 | | 11·6 | | 13·5 | 7·2 | | 11·4 | | 6·5 |
| Month ... | 9·3 | 12·3 | 10·3 | 11·3 | 19·7 | 13·4 | 14·3 | 11·0 | 8·8 | 8·0 | 7·8 | 15·8 |

Mean for the year 11·8.

### Deviation from Monthly Means for every hour.

| Hours of Day | January | February | March | April | May | June | July | August | September | October | November | December | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — 1·6 | — 2·0 | — 2·1 | — 1·3 | — 4·1 | — 3·6 | — 2·4 | — 2·2 | — 1·0 | — 1·9 | — 0·8 | — 2·1 | — 2·1 |
| 2 | — 1·4 | — 2·1 | — 2·7 | — 0·9 | — 2·7 | — 4·4 | — 2·3 | — 3·8 | — 1·5 | — 1·2 | — 0·6 | + 0·1 | — 2·0 |
| 3 | — 0·8 | — 0·9 | — 1·5 | — 1·9 | — 3·6 | — 3·6 | — 2·8 | — 3·6 | — 1·7 | — 1·3 | — 1·0 | — 0·5 | — 1·9 |
| 4 | — 1·2 | — 1·7 | — 1·4 | — 0·7 | — 2·8 | — 4·2 | — 2·7 | — 3·0 | — 2·2 | — 0·9 | — 1·7 | — 0·9 | — 2·0 |
| 5 | — 1·0 | — 1·3 | — 1·2 | — 0·6 | — 2·9 | — 4·3 | — 3·3 | — 4·1 | — 2·6 | — 1·3 | — 1·2 | — 1·0 | — 2·1 |
| 6 | — 2·1 | — 0·1 | — 1·5 | — 0·8 | — 4·8 | — 2·4 | — 1·9 | — 3·5 | — 2·7 | — 1·2 | — 1·6 | — 1·0 | — 2·0 |
| 7 | — 2·4 | — 1·1 | 0·0 | — 0·7 | — 3·3 | — 1·5 | — 1·4 | — 2·7 | — 1·9 | — 1·3 | — 1·6 | — 0·3 | — 1·5 |
| 8 | — 2·2 | — 2·7 | — 2·0 | — 0·8 | — 2·0 | — 0·8 | — 1·8 | — 2·2 | — 2·3 | — 1·3 | — 2·2 | — 2·0 | — 1·9 |
| 9 | — 1·6 | + 1·2 | — 0·9 | — 2·6 | — 0·9 | 0·0 | — 1·4 | — 0·7 | — 2·3 | + 0·1 | — 1·4 | — 1·9 | — 1·0 |
| 10 | + 0·3 | + 2·6 | — 0·1 | — 1·7 | + 0·5 | + 1·0 | — 0·7 | + 0·2 | — 0·7 | + 0·5 | — 0·6 | — 0·9 | 0·0 |
| 11 | + 1·8 | + 1·7 | + 1·0 | 0·0 | + 2·9 | + 2·4 | + 0·4 | + 1·2 | + 0·8 | + 0·8 | + 0·1 | + 2·2 | + 1·3 |
| 12 | + 4·1 | + 2·0 | + 1·8 | + 1·7 | + 4·6 | + 3·3 | + 2·8 | + 4·0 | + 1·8 | + 1·8 | + 1·0 | + 3·4 | + 2·7 |
| 13 | + 4·1 | + 4·0 | + 2·2 | + 2·7 | + 5·4 | + 4·8 | + 2·9 | + 4·2 | + 3·4 | + 3·2 | + 2·4 | + 2·5 | + 3·5 |
| 14 | + 4·6 | + 1·9 | + 3·1 | + 3·1 | + 6·2 | + 5·3 | + 5·2 | + 5·4 | + 3·6 | + 3·3 | + 2·8 | + 3·1 | + 4·0 |
| 15 | + 3·8 | + 2·5 | + 2·9 | + 3·4 | + 6·2 | + 4·0 | + 3·6 | + 5·8 | + 2·7 | + 3·6 | + 2·7 | + 3·7 | + 3·7 |
| 16 | + 2·8 | + 2·5 | + 3·1 | + 2·6 | + 3·8 | + 5·1 | + 3·2 | + 4·0 | + 3·8 | + 1·7 | + 1·8 | + 1·2 | + 3·0 |
| 17 | + 1·1 | + 0·5 | + 1·8 | + 1·7 | + 4·2 | + 3·4 | + 3·0 | + 4·4 | + 2·5 | + 0·8 | + 2·8 | — 0·3 | + 2·2 |
| 18 | 0·0 | + 1·0 | + 0·7 | — 0·5 | + 2·2 | + 3·5 | + 2·3 | + 1·6 | + 1·9 | + 0·4 | + 1·6 | + 0·3 | + 1·2 |
| 19 | — 1·3 | — 0·6 | 0·0 | 0·0 | — 0·2 | + 1·4 | + 0·6 | + 0·6 | + 1·4 | — 0·4 | + 0·9 | — 1·5 | + 0·1 |
| 20 | — 1·1 | — 1·5 | + 0·2 | + 0·3 | — 0·6 | + 0·1 | + 0·7 | + 0·4 | + 0·9 | + 0·1 | + 1·1 | — 0·6 | 0·0 |
| 21 | — 1·2 | — 2·3 | — 0·7 | — 0·8 | — 1·4 | — 1·0 | — 0·3 | — 0·8 | — 0·3 | — 1·1 | — 0·4 | — 0·9 | — 0·9 |
| 22 | — 2·3 | — 1·2 | — 0·2 | — 0·7 | — 0·7 | — 1·6 | — 1·6 | — 1·3 | — 0·5 | — 1·1 | — 1·0 | — 0·5 | — 1·1 |
| 23 | — 1·5 | — 1·5 | — 0·5 | — 0·7 | — 2·5 | — 3·1 | — 1·4 | — 1·6 | — 1·7 | — 1·3 | — 2·2 | — 0·9 | — 1·6 |
| 24 | — 1·9 | — 0·8 | — 1·7 | — 0·8 | — 3·4 | — 3·7 | — 1·1 | — 2·0 | — 1·3 | — 1·9 | — 0·8 | — 1·3 | — 1·7 |

# Duration of Sunshine.

## Campbell-Stokes Sunshine Recorder.

### ALEXANDRIA (Kom el Nadûra), 1913.

| Days of Month | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible |
| | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | |
| 1 | 1·7 | 17 | 7·2 | 68 | 8·8 | 77 | 5·6 | 45 | 9·7 | 72 | 12·0 | 86 | 12·3 | 87 | 11·8 | 87 | 9·2 | 72 | 8·4 | 71 | 7·8 | 72 | 7·8 | 76 |
| 2 | 7·2 | 71 | 8·5 | 80 | 8·4 | 73 | 8·5 | 68 | 10·5 | 78 | 12·5 | 89 | 12·5 | 89 | 12·0 | 88 | 9·0 | 70 | 8·2 | 70 | 6·5 | 60 | 1·1 | 11 |
| 3 | 7·7 | 76 | 8·4 | 78 | 4·2 | 36 | 9·1 | 73 | 9·7 | 72 | 11·7 | 84 | 12·0 | 85 | 11·5 | 85 | 9·5 | 75 | 8·6 | 73 | 8·5 | 79 | 7·3 | 72 |
| 4 | 8·1 | 80 | 0·0 | 00 | 3·5 | 30 | 8·5 | 67 | 8·4 | 63 | 12·5 | 89 | 12·5 | 89 | 11·9 | 88 | 9·3 | 73 | 8·5 | 73 | 4·1 | 38 | 7·9 | 69 |
| 5 | 3·6 | 36 | 6·0 | 56 | 2·8 | 24 | 9·3 | 74 | 11·7 | 87 | 12·5 | 89 | 12·6 | 89 | 12·3 | 91 | 9·0 | 71 | 8·6 | 74 | 7·9 | 73 | 2·8 | 28 |
| 6 | 7·3 | 72 | 5·2 | 48 | 3·0 | 26 | 8·8 | 70 | 7·2 | 53 | 12·5 | 89 | 12·4 | 88 | 12·4 | 92 | 9·0 | 71 | 8·5 | 73 | 8·5 | 79 | 0·5 | 5 |
| 7 | 4·0 | 39 | 9·0 | 83 | 7·8 | 67 | 9·0 | 71 | 9·1 | 67 | 12·5 | 89 | 12·3 | 88 | 12·2 | 90 | 9·8 | 78 | 8·5 | 73 | 8·3 | 78 | 6·2 | 61 |
| 8 | 5·3 | 52 | 8·7 | 81 | 6·5 | 56 | 7·6 | 60 | 11·0 | 81 | 12·5 | 89 | 12·5 | 89 | 12·3 | 91 | 10·0 | 79 | 8·5 | 73 | 3·5 | 33 | 6·6 | 65 |
| 9 | 2·0 | 20 | 0·9 | 8 | 7·6 | 65 | 8·5 | 67 | 11·2 | 82 | 12·5 | 89 | 12·5 | 89 | 11·4 | 85 | 9·3 | 74 | 8·5 | 73 | 8·6 | 80 | 8·4 | 83 |
| 10 | 3·0 | 29 | 4·1 | 38 | 7·5 | 64 | 9·0 | 71 | 4·4 | 32 | 10·4 | 74 | 12·3 | 88 | 11·5 | 86 | 8·3 | 66 | 8·7 | 76 | 7·4 | 70 | 5·4 | 53 |
| 11 | 8·0 | 78 | 7·3 | 67 | 5·5 | 47 | 8·7 | 68 | 8·0 | 59 | 12·0 | 85 | 12·3 | 88 | 11·0 | 82 | 8·9 | 71 | 8·5 | 74 | 8·5 | 80 | 3·9 | 30 |
| 12 | 4·1 | 40 | 5·2 | 48 | 6·7 | 57 | 3·6 | 28 | 7·3 | 54 | 12·5 | 89 | 12·5 | 89 | 11·4 | 85 | 9·5 | 77 | 8·5 | 74 | 8·2 | 77 | 6·3 | 62 |
| 13 | 7·4 | 73 | 0·2 | 2 | 8·5 | 72 | 9·3 | 73 | 11·8 | 87 | 12·5 | 89 | 12·5 | 89 | 11·4 | 86 | 9·5 | 77 | 8·2 | 71 | 9·2 | 87 | 7·3 | 72 |
| 14 | 7·2 | 71 | 6·6 | 60 | 8·5 | 71 | 8·6 | 67 | 11·8 | 86 | 12·8 | 91 | 12·6 | 90 | 11·6 | 87 | 9·2 | 74 | 8·0 | 70 | 9·0 | 85 | 1·0 | 10 |
| 15 | 7·1 | 69 | 8·5 | 77 | 9·0 | 76 | 8·0 | 62 | 11·2 | 82 | 12·5 | 89 | 12·5 | 89 | 11·7 | 88 | 9·0 | 73 | 8·2 | 72 | 6·1 | 58 | 2·1 | 21 |
| 16 | 8·6 | 83 | 6·8 | 62 | 8·7 | 72 | 1·5 | 12 | 8·8 | 64 | 12·5 | 89 | 12·2 | 88 | 11·8 | 89 | 9·1 | 74 | 8·5 | 75 | 3·7 | 35 | 2·9 | 20 |
| 17 | 5·4 | 52 | 5·0 | 45 | 9·0 | 73 | 2·5 | 19 | 11·0 | 80 | 12·5 | 89 | 12·0 | 86 | 11·6 | 88 | 9·2 | 75 | 8·8 | 78 | 0·8 | 8 | 5·0 | 50 |
| 18 | 8·6 | 83 | 3·7 | 33 | 8·9 | 74 | 2·9 | 22 | 11·0 | 80 | 12·1 | 86 | 11·5 | 83 | 11·5 | 87 | 9·0 | 74 | 8·6 | 76 | 6·9 | 66 | 5·8 | 57 |
| 19 | 3·5 | 34 | 7·3 | 66 | 8·9 | 74 | 3·2 | 25 | 10·1 | 73 | 12·5 | 89 | 11·8 | 85 | 11·5 | 87 | 9·1 | 75 | 7·9 | 70 | 0·4 | 4 | 9·9 | 89 |
| 20 | 8·2 | 79 | 8·3 | 74 | 8·8 | 73 | 2·3 | 18 | 8·3 | 60 | 12·5 | 89 | 12·2 | 88 | 10·9 | 83 | 9·2 | 75 | 9·2 | 82 | 8·0 | 77 | 6·3 | 61 |
| 21 | 7·2 | 69 | 5·2 | 46 | 8·5 | 70 | 9·6 | 74 | 9·7 | 70 | 12·6 | 89 | 11·7 | 85 | 11·1 | 85 | 8·8 | 72 | 9·0 | 80 | 7·0 | 67 | 4·3 | 42 |
| 22 | 6·0 | 58 | 7·0 | 62 | 9·4 | 78 | 11·2 | 85 | 5·4 | 39 | 12·6 | 89 | 11·2 | 81 | 11·6 | 89 | 8·4 | 69 | 7·9 | 71 | 3·5 | 34 | 4·5 | 45 |
| 23 | 8·4 | 81 | 6·0 | 54 | 9·5 | 78 | 11·0 | 84 | 3·0 | 22 | 12·5 | 89 | 12·4 | 90 | 11·6 | 89 | 9·0 | 74 | 6·9 | 62 | 5·4 | 52 | 5·7 | 56 |
| 24 | 4·9 | 47 | 2·2 | 19 | 9·3 | 76 | 10·6 | 81 | 11·7 | 84 | 12·2 | 87 | 12·3 | 89 | 11·9 | 85 | 8·7 | 72 | 7·8 | 70 | 8·3 | 81 | 7·3 | 72 |
| 25 | 7·9 | 76 | 6·1 | 54 | 9·6 | 79 | 9·5 | 72 | 11·9 | 86 | 12·6 | 89 | 12·3 | 89 | 11·5 | 88 | 8·7 | 72 | 4·0 | 36 | 3·2 | 31 | 8·5 | 84 |
| 26 | 7·0 | 67 | 7·0 | 62 | 9·5 | 77 | 11·1 | 84 | 11·6 | 83 | 12·6 | 89 | 12·0 | 87 | 11·8 | 84 | 8·2 | 68 | 5·8 | 52 | 6·7 | 65 | 8·8 | 87 |
| 27 | 8·2 | 78 | 7·0 | 61 | 9·7 | 79 | 10·8 | 82 | 11·8 | 85 | 12·6 | 89 | 11·5 | 84 | 11·4 | 88 | 8·3 | 69 | 9·0 | 82 | 5·7 | 55 | 7·5 | 74 |
| 28 | 6·9 | 66 | 9·5 | 83 | 7·8 | 63 | 9·5 | 71 | 11·8 | 85 | 10·3 | 73 | 11·8 | 86 | 11·3 | 85 | 8·7 | 73 | 8·5 | 77 | 2·9 | 28 | 6·6 | 65 |
| 29 | 4·8 | 45 | | | 0·1 | 1 | 2·2 | 17 | 12·0 | 86 | 12·5 | 89 | 12·3 | 90 | 11·0 | 84 | 8·5 | 71 | 6·8 | 62 | 6·7 | 66 | 0·5 | 5 |
| 30 | 6·6 | 62 | | | 9·0 | 73 | 6·7 | 50 | 12·0 | 86 | 11·4 | 81 | 11·5 | 84 | 10·8 | 89 | 8·0 | 67 | 9·1 | 83 | 3·6 | 35 | 8·6 | 85 |
| 31 | 8·7 | 82 | | | 8·3 | 67 | | | 12·0 | 86 | | | 12·0 | 88 | 11·2 | 88 | | | 8·9 | 82 | | | 8·3 | 81 |
| Month | 6·3 | 61 | 6·0 | 54 | 7·5 | 63 | 7·6 | 59 | 9·8 | 72 | 12·2 | 87 | 12·2 | 87 | 11·5 | 87 | 9·0 | 73 | 8·2 | 72 | 6·2 | 58 | 5·5 | 55 |

### PORT SAID, 1913.

| Days of Month | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible |
| | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | |
| 1 | 3·6 | 36 | 7·0 | 66 | 10·2 | 89 | 8·0 | 65 | 10·4 | 78 | 11·0 | 79 | 11·6 | 82 | 11·7 | 86 | 10·2 | 80 | 10·0 | 85 | 10·9 | 100 | 4·2 | 41 |
| 2 | 8·5 | 84 | 7·7 | 73 | 10·0 | 87 | 9·0 | 72 | 9·7 | 72 | 10·3 | 74 | 11·7 | 83 | 10·2 | 75 | 11·2 | 88 | 9·8 | 83 | 10·6 | 97 | 0·0 | 00 |
| 3 | 8·4 | 83 | 10·0 | 93 | 6·0 | 52 | 9·6 | 77 | 10·3 | 77 | 10·5 | 75 | 12·0 | 85 | 9·8 | 72 | 11·5 | 91 | 10·7 | 91 | 10·8 | 100 | 8·8 | 86 |
| 4 | 9·0 | 89 | 2·5 | 23 | 7·7 | 66 | 5·8 | 46 | 10·8 | 81 | 11·2 | 80 | 11·8 | 84 | 10·8 | 79 | 11·0 | 87 | 11·0 | 94 | 8·5 | 79 | 9·7 | 95 |
| 5 | 6·0 | 59 | 9·4 | 88 | 2·9 | 25 | 9·3 | 74 | 11·8 | 87 | 12·0 | 86 | 11·5 | 82 | 11·7 | 87 | 11·5 | 91 | 11·0 | 94 | 9·8 | 91 | 8·0 | 78 |
| 6 | 5·7 | 56 | 10·0 | 93 | 1·7 | 15 | 9·0 | 71 | 9·0 | 67 | 12·0 | 86 | 11·4 | 81 | 10·8 | 80 | 11·3 | 90 | 10·5 | 90 | 8·0 | 74 | 3·5 | 34 |
| 7 | 4·7 | 46 | 10·2 | 94 | 6·0 | 51 | 8·2 | 65 | 7·2 | 53 | 11·7 | 83 | 11·8 | 84 | 10·8 | 80 | 11·5 | 91 | 10·5 | 90 | 10·6 | 99 | 8·0 | 79 |
| 8 | 6·6 | 65 | 10·1 | 94 | 9·7 | 83 | 5·4 | 43 | 9·8 | 73 | 11·6 | 82 | 11·4 | 81 | 9·5 | 70 | 11·2 | 89 | 9·8 | 84 | 8·5 | 79 | 7·0 | 69 |
| 9 | 8·0 | 78 | 1·8 | 17 | 10·1 | 86 | 8·2 | 65 | 10·4 | 76 | 11·5 | 82 | 11·3 | 81 | 10·7 | 80 | 11·0 | 88 | 5·8 | 50 | 9·7 | 91 | 9·0 | 89 |
| 10 | 5·5 | 54 | 2·3 | 21 | 9·8 | 83 | 10·5 | 83 | 6·6 | 49 | 11·4 | 81 | 11·5 | 82 | 9·0 | 67 | 9·9 | 79 | 9·8 | 85 | 10·5 | 99 | 3·8 | 38 |
| 11 | 6·3 | 62 | 6·5 | 60 | 8·3 | 70 | 9·0 | 70 | 8·2 | 60 | 11·0 | 78 | 12·0 | 86 | 10·5 | 78 | 10·5 | 84 | 10·5 | 91 | 9·7 | 92 | 0·0 | 00 |
| 12 | 7·7 | 75 | 7·0 | 64 | 5·7 | 48 | 4·8 | 38 | 8·8 | 65 | 11·5 | 82 | 11·2 | 80 | 10·6 | 75 | 11·0 | 89 | 10·7 | 93 | 10·6 | 100 | 8·8 | 87 |
| 13 | 8·2 | 80 | 0·1 | 1 | 9·5 | 80 | 10·1 | 79 | 5·1 | 38 | 11·0 | 78 | 11·5 | 82 | 11·3 | 85 | 11·3 | 91 | 10·0 | 87 | 10·5 | 99 | 6·8 | 67 |
| 14 | 7·8 | 76 | 9·0 | 82 | 8·5 | 71 | 9·5 | 74 | 10·5 | 77 | 11·7 | 83 | 11·5 | 82 | 11·3 | 85 | 11·0 | 89 | 10·2 | 89 | 10·0 | 94 | 8·5 | 84 |
| 15 | 7·6 | 74 | 9·5 | 86 | 10·2 | 86 | 9·4 | 73 | 9·8 | 72 | 11·3 | 80 | 12·0 | 86 | 11·4 | 86 | 10·9 | 89 | 10·0 | 88 | 9·5 | 90 | 7·0 | 78 |
| 16 | 8·8 | 85 | 9·8 | 89 | 10·3 | 86 | 1·0 | 8 | 3·3 | 24 | 11·7 | 83 | 11·3 | 81 | 11·9 | 90 | — | — | 10·7 | 94 | 8·9 | 85 | 5·5 | 54 |
| 17 | 4·4 | 43 | 5·8 | 52 | 10·0 | 83 | 4·5 | 35 | 10·7 | 78 | 11·5 | 82 | 11·8 | 85 | 11·3 | 86 | 1·3 | 11 | 10·5 | 93 | 4·8 | 46 | 4·0 | 40 |
| 18 | 8·7 | 84 | 7·0 | 63 | 9·5 | 79 | 3·5 | 27 | 11·5 | 83 | 9·8 | 70 | 9·3 | 67 | 11·5 | 87 | 9·6 | 79 | 10·2 | 90 | 8·5 | 82 | 5·5 | 54 |
| 19 | 6·0 | 58 | 6·6 | 59 | 9·3 | 78 | 3·5 | 27 | 11·2 | 81 | 11·0 | 78 | 9·5 | 68 | 11·8 | 89 | 10·7 | 88 | 7·2 | 64 | 7·8 | 75 | 8·0 | 79 |
| 20 | 9·4 | 90 | 7·2 | 64 | 8·9 | 74 | 0·0 | 0 | 11·5 | 83 | 12·0 | 85 | 10·4 | 75 | 11·9 | 91 | 10·9 | 89 | 7·7 | 69 | 10·0 | 96 | 8·0 | 79 |
| 21 | 9·6 | 92 | 9·2 | 82 | 9·8 | 81 | 6·8 | 52 | 6·4 | 46 | 12·0 | 85 | 9·9 | 72 | 10·1 | 77 | 10·2 | 84 | — | — | 9·4 | 90 | 8·6 | 85 |
| 22 | 9·2 | 88 | 9·1 | 81 | 9·7 | 80 | 11·5 | 88 | 3·5 | 25 | 12·0 | 85 | 10·5 | 76 | 11·7 | 89 | 9·9 | 82 | — | — | 10·2 | 98 | 2·4 | 24 |
| 23 | 7·3 | 70 | 5·5 | 49 | 9·9 | 81 | 6·2 | 47 | 0·8 | 6 | 11·9 | 84 | 10·0 | 72 | 11·9 | 92 | 10·0 | 83 | — | — | 6·5 | 62 | 8·3 | 82 |
| 24 | 8·6 | 83 | 5·7 | 50 | 10·2 | 84 | 10·4 | 79 | 11·2 | 81 | 11·0 | 78 | 11·5 | 83 | 11·4 | 88 | 10·0 | 83 | — | — | 3·7 | 36 | 9·6 | 95 |
| 25 | 9·2 | 88 | 9·5 | 84 | 10·0 | 82 | 10·2 | 77 | 9·7 | 70 | 10·6 | 75 | 11·0 | 80 | 11·6 | 89 | 10·1 | 84 | — | — | 8·8 | 85 | 9·7 | 96 |
| 26 | 9·5 | 90 | 7·4 | 65 | 10·2 | 83 | 11·0 | 83 | 11·4 | 82 | 11·9 | 84 | 10·5 | 76 | 11·5 | 89 | 5·5 | 46 | — | — | 10·9 | 97 | 10·1 | 100 |
| 27 | 9·0 | 86 | 5·2 | 46 | 9·6 | 78 | 11·5 | 87 | 11·2 | 81 | 11·8 | 84 | 10·6 | 77 | 10·8 | 84 | — | — | 5·3 | 48 | 4·7 | 46 | 9·2 | 91 |
| 28 | 8·2 | 78 | 8·5 | 75 | 9·4 | 76 | 10·7 | 80 | 11·3 | 81 | 12·0 | 85 | 11·3 | 82 | 11·5 | 89 | 10·5 | 88 | 9·7 | 88 | 9·5 | 92 | 8·0 | 88 |
| 29 | 6·0 | 57 | | | 0·3 | 2 | 0·8 | 6 | 12·1 | 86 | 11·0 | 78 | 11·0 | 80 | 10·3 | 80 | 10·0 | 84 | 7·8 | 71 | 6·9 | 68 | 7·8 | 77 |
| 30 | 8·0 | 75 | | | 8·5 | 69 | 9·3 | 70 | 11·8 | 84 | 11·7 | 83 | 10·2 | 74 | 10·2 | 80 | 10·1 | 85 | 10·8 | 98 | 5·3 | 52 | 7·3 | 74 |
| 31 | 9·6 | 91 | | | 9·0 | 73 | | | 12·0 | 86 | | | 11·6 | 85 | 11·3 | 88 | | | 10·6 | 97 | | | 9·7 | 96 |
| Month | 7·6 | 78 | 7·1 | 65 | 8·4 | 70 | 7·6 | 59 | 9·3 | 68 | 11·4 | 81 | 11·1 | 80 | 11·0 | 83 | 10·1 | 82 | 9·6 | 84 | 8·5 | 83 | 7·9 | 69 |

## Duration of Sunshine *(continued).*

### Campbell-Stokes Sunshine Recorder.

### QORASHIA, 1913.

| Days of Month | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible |
| | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | |
| 1 | 1·0 | 10 | 3·7 | 35 | 7·3 | 63 | 4·9 | 40 | 10·3 | 77 | 11·4 | 81 | 9·7 | 69 | 11·9 | 88 | 10·5 | 82 | 7·5 | 64 | 8·8 | 81 | 0·0 | 00 |
| 2 | 2·4 | 24 | 7·4 | 70 | 7·5 | 65 | 8·0 | 64 | 10·8 | 81 | 10·9 | 78 | 10·6 | 75 | 11·2 | 82 | 8·2 | 64 | 8·2 | 69 | 8·5 | 78 | 0·0 | 00 |
| 3 | 8·0 | 79 | 8·2 | 77 | 3·0 | 26 | 8·0 | 64 | 8·7 | 65 | 10·9 | 78 | 10·6 | 75 | 11·6 | 85 | 8·0 | 63 | 7·3 | 62 | 7·0 | 65 | 3·0 | 29 |
| 4 | 5·0 | 50 | 3·4 | 32 | 3·3 | 28 | 6·8 | 54 | 10·1 | 75 | 11·4 | 81 | 10·5 | 74 | 10·1 | 74 | 7·8 | 61 | 7·5 | 64 | 5·0 | 46 | 3·0 | 29 |
| 5 | 1·3 | 13 | 0·0 | 00 | 2·8 | 24 | 8·2 | 65 | 11·3 | 84 | 11·0 | 79 | 10·7 | 76 | 11·7 | 87 | 8·3 | 66 | 8·2 | 70 | 5·7 | 53 | 2·5 | 25 |
| 6 | 0·0 | 00 | 7·7 | 71 | 0·1 | 1 | 8·0 | 63 | 6·7 | 50 | 11·0 | 79 | 11·0 | 78 | 12·0 | 89 | 8·3 | 66 | 8·3 | 71 | 7·0 | 65 | 4·0 | 39 |
| 7 | 1·0 | 10 | 8·7 | 81 | 5·0 | 43 | 7·8 | 62 | 6·7 | 50 | 11·1 | 79 | 10·5 | 75 | 11·4 | 84 | 8·5 | 67 | 8·2 | 70 | 7·0 | 65 | 0·6 | 6 |
| 8 | 2·0 | 20 | 8·4 | 78 | 6·5 | 56 | 5·7 | 45 | 10·8 | 80 | 11·2 | 79 | 10·5 | 75 | 11·5 | 85 | 8·2 | 65 | 8·0 | 69 | 2·0 | 19 | 1·3 | 13 |
| 9 | 6·5 | 64 | 0·4 | 4 | 7·3 | 62 | 7·2 | 57 | 7·7 | 57 | 10·9 | 77 | 11·2 | 80 | 11·5 | 86 | 8·1 | 65 | 7·5 | 65 | 8·5 | 79 | 4·5 | 45 |
| 10 | 3·5 | 34 | 0·7 | 6 | 4·9 | 42 | 8·0 | 63 | 5·9 | 43 | 10·5 | 74 | 11·2 | 80 | 10·2 | 76 | 7·8 | 62 | 7·8 | 68 | 3·0 | 28 | 0·0 | 00 |
| 11 | 4·5 | 44 | 4·9 | 45 | 2·6 | 22 | 6·2 | 48 | 8·5 | 62 | 9·9 | 70 | 11·4 | 81 | 11·0 | 82 | 8·0 | 64 | 8·2 | 71 | 8·0 | 75 | 0·0 | 00 |
| 12 | 5·0 | 49 | 3·5 | 32 | 2·8 | 24 | 0·7 | 5 | 8·6 | 63 | 10·5 | 74 | 11·8 | 84 | 10·5 | 78 | 8·6 | 69 | 8·2 | 71 | 6·0 | 57 | 2·0 | 20 |
| 13 | 6·0 | 59 | 0·0 | 00 | 5·2 | 44 | 7·2 | 56 | 8·8 | 65 | 9·6 | 68 | 11·7 | 84 | 11·0 | 83 | 8·3 | 67 | 7·7 | 67 | 6·0 | 57 | 0·0 | 00 |
| 14 | 4·0 | 39 | 3·0 | 27 | 7·0 | 59 | 7·6 | 59 | 11·4 | 83 | 10·5 | 74 | 10·7 | 76 | 10·4 | 78 | 8·0 | 65 | 8·0 | 70 | 8·0 | 75 | 3·5 | 35 |
| 15 | 4·0 | 39 | 7·0 | 64 | 8·0 | 67 | 7·0 | 54 | 10·7 | 78 | 10·5 | 74 | 12·0 | 86 | 11·5 | 86 | 8·2 | 67 | 7·3 | 64 | 4·5 | 43 | 3·8 | 38 |
| 16 | 7·0 | 68 | 7·5 | 68 | 8·0 | 67 | 0·0 | 00 | 7·1 | 52 | 10·2 | 72 | 11·8 | 85 | 11·0 | 83 | 8·5 | 69 | 6·7 | 59 | 6·0 | 57 | 1·6 | 16 |
| 17 | 2·2 | 21 | 0·0 | 00 | 8·2 | 68 | 1·2 | 9 | 11·5 | 84 | 10·2 | 72 | 11·6 | 83 | 11·5 | 87 | 8·2 | 67 | 8·0 | 71 | 0·5 | 5 | 0·0 | 00 |
| 18 | 6·5 | 63 | 4·5 | 41 | 7·8 | 65 | 0·8 | 6 | 12·0 | 87 | 10·1 | 72 | 10·7 | 77 | 11·6 | 88 | 6·7 | 55 | 7·8 | 69 | 2·5 | 24 | 2·5 | 25 |
| 19 | 2·0 | 19 | 4·0 | 36 | 8·0 | 67 | 2·0 | 15 | 12·0 | 87 | 10·2 | 72 | 11·8 | 85 | 10·4 | 79 | 7.0 | 57 | 1·7 | 15 | 2·3 | 22 | 6·0 | 59 |
| 20 | 8·0 | 77 | 6·5 | 58 | 6·7 | 55 | 0·0 | 00 | 10·3 | 75 | 10·2 | 72 | 11·5 | 83 | 11·3 | 86 | 8·5 | 70 | 8·0 | 71 | 7·0 | 67 | 7·2 | 71 |
| 21 | 8·5 | 82 | 4·9 | 44 | 8·0 | 66 | 7·0 | 54 | 10·7 | 78 | 10·2 | 72 | 11·6 | 84 | 9·7 | 74 | 8·5 | 70 | 7·7 | 69 | 3·0 | 29 | 1·2 | 12 |
| 22 | 5·0 | 48 | 5·3 | 47 | 8·1 | 67 | 9·5 | 73 | 5·5 | 40 | 8·9 | 63 | 12·1 | 88 | 9·1 | 69 | 8·5 | 70 | 7·8 | 70 | 2·0 | 19 | 3·5 | 35 |
| 23 | 6·0 | 58 | 5·5 | 49 | 8·2 | 67 | 5·3 | 40 | 3·3 | 24 | 10·0 | 71 | 12·1 | 88 | 10·0 | 77 | 8·5 | 70 | 7·0 | 62 | 2·5 | 24 | 6·5 | 64 |
| 24 | 6·0 | 58 | 0·0 | 00 | 8·4 | 69 | 10·2 | 78 | 11·2 | 81 | 10·1 | 72 | 11·2 | 81 | 10·8 | 83 | 8·0 | 67 | 7·5 | 68 | 1·2 | 12 | 7·5 | 74 |
| 25 | 5·0 | 48 | 2·1 | 19 | 8·4 | 69 | 9·5 | 72 | 10·2 | 73 | 10·3 | 73 | 11·3 | 82 | 10·0 | 77 | 8·3 | 69 | 7·8 | 70 | 2·0 | 19 | 8·0 | 79 |
| 26 | 7·0 | 67 | 2·3 | 20 | 8·3 | 67 | 11·0 | 83 | 10·5 | 76 | 10·3 | 73 | 11·4 | 83 | 9·9 | 77 | 7·0 | 58 | 7·5 | 68 | 8·0 | 78 | 7·5 | 74 |
| 27 | 6·2 | 59 | 1·3 | 11 | 8·0 | 65 | 11·8 | 89 | 11·5 | 83 | 10·3 | 73 | 11·5 | 84 | 9·7 | 75 | 8·0 | 67 | 8·8 | 80 | 3·0 | 29 | 6·3 | 62 |
| 28 | 7·3 | 70 | 7·4 | 65 | 7·6 | 62 | 8·5 | 64 | 11·6 | 83 | 10·5 | 74 | 11·8 | 86 | 11·0 | 85 | 8·2 | 69 | 7·3 | 66 | 5·0 | 49 | 5·2 | 51 |
| 29 | 4·0 | 38 | | | 0·0 | 00 | 1·5 | 11 | 12·0 | 86 | 10·3 | 73 | 11·9 | 87 | 10·6 | 82 | 8·5 | 71 | 7·5 | 68 | 1·0 | 10 | 0·6 | 6 |
| 30 | 4·0 | 38 | | | 7·5 | 60 | 7·5 | 56 | 11·5 | 82 | 10·4 | 74 | 10·3 | 75 | 11·7 | 91 | 7·7 | 65 | 8·5 | 77 | 2·8 | 27 | 8·0 | 79 |
| 31 | 5·0 | 47 | | | 6·9 | 56 | | | 11·8 | 84 | | | 11·5 | 85 | 10·5 | 82 | | | 7·5 | 69 | | | 7·5 | 74 |
| Month | 4·6 | 45 | 4·2 | 39 | 6·2 | 51 | 6·2 | 48 | 9·7 | 71 | 10·4 | 74 | 11·2 | 81 | 10·8 | 82 | 8·2 | 66 | 7·6 | 67 | 4·8 | 45 | 3·7 | 34 |

### KHARTOUM (Gordon College), 1913.

| Days of Month | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible | Recorded | % of Possible |
| | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | |
| 1 | 8·9 | 79 | 8·5 | 75 | 8·0 | 68 | 8·8 | 72 | 10·2 | 80 | 11·6 | 89 | 8·9 | 68 | 11·5 | 90 | 8·6 | 69 | 7·7 | 64 | 9·1 | 79 | 8·8 | 79 |
| 2 | 9·0 | 80 | 8·5 | 75 | 8·2 | 69 | 8·8 | 72 | 10·2 | 80 | 11·5 | 88 | 10·1 | 78 | 11·3 | 88 | 3·3 | 27 | 5·4 | 45 | 8·9 | 77 | 7·8 | 70 |
| 3 | 8·7 | 78 | 8·8 | 77 | 3·5 | 30 | 8·9 | 72 | 9·3 | 73 | 11·6 | 89 | 5·7 | 44 | 11·3 | 88 | 4·5 | 36 | 8·1 | 68 | 8·8 | 77 | 8·6 | 77 |
| 4 | 8·8 | 79 | 8·7 | 76 | 4·1 | 35 | 8·3 | 67 | 10·1 | 80 | 11·4 | 88 | 0·0 | 00 | 5·4 | 42 | 7·0 | 56 | 7·9 | 66 | 9·1 | 79 | 8·5 | 76 |
| 5 | 8·7 | 78 | 7·9 | 69 | 7·7 | 65 | 8·5 | 69 | 7·7 | 61 | 11·2 | 86 | 0·0 | 00 | 6·8 | 53 | 6·8 | 55 | 8·3 | 70 | 8·8 | 77 | 9·2 | 82 |
| 6 | 8·7 | 78 | 7·5 | 65 | 7·5 | 63 | 9·2 | 75 | 8·3 | 65 | 11·3 | 87 | 0·0 | 00 | 8·6 | 68 | 6·6 | 54 | 7·7 | 65 | 9·0 | 78 | 9·0 | 80 |
| 7 | 9·0 | 80 | 8·5 | 74 | 8·1 | 68 | 9·3 | 76 | 10·0 | 79 | 10·1 | 78 | 1·0 | 8 | 3·1 | 24 | 7·2 | 59 | 1·8 | 15 | 9·2 | 81 | 9·1 | 81 |
| 8 | 9·0 | 80 | 8·7 | 76 | 8·2 | 69 | 9·3 | 75 | 10·6 | 83 | 10·7 | 82 | 9·2 | 71 | 4·2 | 33 | 8·1 | 66 | 7·5 | 63 | 9·3 | 82 | 9·1 | 81 |
| 9 | 9·2 | 82 | 8·8 | 77 | 8·3 | 70 | 9·3 | 75 | 4·4 | 34 | 10·5 | 81 | 5·1 | 39 | 10·7 | 84 | 6·2 | 50 | 6·9 | 58 | 9·2 | 81 | 9·2 | 82 |
| 10 | 8·9 | 79 | 9·2 | 80 | 8·2 | 69 | 8·6 | 69 | 10·0 | 78 | 11·0 | 85 | 2·0 | 15 | 10·3 | 81 | 8·3 | 07 | 8·0 | 68 | 9·2 | 81 | 9·2 | 82 |
| 11 | 8·8 | 79 | 8·8 | 77 | 8·5 | 71 | 7·6 | 61 | 9·7 | 76 | 9·3 | 72 | 1·1 | 8 | 5·7 | 45 | 8·8 | 72 | 8·4 | 71 | 9·3 | 82 | 8·8 | 79 |
| 12 | 9·0 | 80 | 8·7 | 75 | 8·4 | 70 | 8·3 | 67 | 10·5 | 82 | 9·0 | 69 | 5·7 | 44 | 9·2 | 72 | 6·0 | 49 | 8·2 | 69 | 9·1 | 80 | 8·7 | 78 |
| 13 | 5·4 | 48 | 6·3 | 54 | 7·5 | 62 | 9·3 | 75 | 10·8 | 84 | 11·0 | 85 | 6·5 | 50 | 2·2 | 17 | 6·0 | 49 | 8·6 | 73 | 8·6 | 75 | 8·5 | 76 |
| 14 | 9·0 | 80 | 4·2 | 36 | 8·2 | 68 | 8·7 | 70 | 10·2 | 80 | 11·3 | 87 | 7·8 | 60 | 7·8 | 62 | 8·2 | 67 | 8·4 | 71 | 7·5 | 66 | 8·8 | 79 |
| 15 | 8·8 | 79 | 6·9 | 59 | 8·0 | 67 | 8·6 | 69 | 9·9 | 77 | 11·2 | 86 | 4·4 | 34 | 5·2 | 41 | 7·5 | 61 | 8·8 | 75 | 9·2 | 81 | 8·9 | 79 |
| 16 | 8·8 | 78 | 8·2 | 71 | 8·2 | 68 | 10·6 | 85 | 10·4 | 81 | 11·5 | 88 | 5·0 | 39 | 6·9 | 55 | 8·0 | 66 | 9·0 | 77 | 6·2 | 54 | 9·2 | 82 |
| 17 | 8·9 | 79 | 8·6 | 74 | 7·5 | 62 | 10·7 | 86 | 11·3 | 88 | 11·8 | 91 | 7·3 | 57 | 7·3 | 58 | 5·2 | 43 | 9·3 | 80 | 8·9 | 78 | 9·0 | 80 |
| 18 | 9·0 | 80 | 9·0 | 78 | 8·2 | 68 | 10·2 | 82 | 11·7 | 91 | 11·3 | 87 | 10·6 | 82 | 10·0 | 79 | 4·5 | 37 | 7·5 | 64 | 9·1 | 81 | 9·0 | 80 |
| 19 | 9·0 | 80 | 9·0 | 78 | 8·0 | 67 | 10·2 | 82 | 11.9 | 93 | 11·0 | 85 | 10·8 | 84 | 10·8 | 86 | 8·3 | 69 | 8·8 | 75 | 8·9 | 79 | 9·0 | 80 |
| 20 | 9·0 | 80 | 8·7 | 75 | 8·0 | 66 | 6·5 | 52 | 11·4 | 88 | 10·8 | 83 | 7·7 | 60 | 10·4 | 83 | 7·7 | 64 | 9·2 | 79 | 7·0 | 62 | 9·0 | 80 |
| 21 | 8·7 | 77 | 9·2 | 79 | 7·8 | 64 | 7·4 | 59 | 11·4 | 88 | 11·0 | 85 | 8·8 | 68 | 3·8 | 30 | 8·0 | 66 | 9·1 | 78 | 8·0 | 71 | 9·1 | 81 |
| 22 | 8·7 | 77 | 9·2 | 79 | 8·4 | 69 | 6·2 | 50 | 10·6 | 82 | 9·5 | 73 | 8·7 | 67 | 8·9 | 71 | 7·8 | 64 | 9·2 | 79 | 8·8 | 78 | 9·0 | 80 |
| 23 | 8·4 | 74 | 9·1 | 78 | 8·6 | 71 | 6·2 | 49 | 11·7 | 91 | 8·1 | 62 | 6·0 | 47 | 9·3 | 74 | 8·0 | 66 | 9·0 | 78 | 9·1 | 81 | 8·2 | 73 |
| 24 | 8·6 | 76 | 9·0 | 77 | 8·2 | 68 | 9·2 | 73 | 9·7 | 75 | 0·0 | 00 | 8·2 | 64 | 9·8 | 78 | 5·7 | 47 | 9·0 | 78 | 8·7 | 77 | 9·1 | 81 |
| 25 | 8·5 | 75 | 9·0 | 77 | 8·7 | 72 | 10·5 | 83 | 7·0 | 54 | 2·5 | 19 | 6·4 | 50 | 2·7 | 22 | 7·8 | 65 | 9·1 | 78 | 8·2 | 73 | 9·0 | 80 |
| 26 | 8·4 | 74 | 9·0 | 77 | 8·5 | 70 | 10·3 | 82 | 10·2 | 79 | 0·0 | 00 | 7·7 | 60 | 7·0 | 56 | 7·6 | 63 | 8·8 | 76 | 9·2 | 81 | 9·0 | 80 |
| 27 | 8·5 | 75 | 9·0 | 76 | 8·8 | 72 | 11·3 | 90 | 11·0 | 85 | 1·1 | 8 | 10·5 | 82 | 7·8 | 63 | 7·7 | 64 | 7·2 | 62 | 9·4 | 83 | 8·9 | 79 |
| 28 | 7·9 | 69 | 9·1 | 77 | 8·6 | 70 | 11·4 | 90 | 8·2 | 64 | 7·6 | 58 | 11·6 | 91 | 6·2 | 50 | 7·7 | 64 | 8·8 | 76 | 8·9 | 79 | 9·0 | 80 |
| 29 | 8·1 | 71 | | | 8·8 | 72 | 11·4 | 90 | 8·0 | 62 | 10·8 | 83 | 9·8 | 77 | 9·2 | 74 | 8·0 | 67 | 9·0 | 78 | 9·0 | 80 | 9·3 | 83 |
| 30 | 8·0 | 70 | | | 8·9 | 73 | 11·2 | 89 | 8·1 | 63 | 5·0 | 38 | 11·2 | 88 | 9·7 | 78 | 8·8 | 73 | 9·1 | 78 | 8·5 | 76 | 8·9 | 79 |
| 31 | 8·2 | 72 | | | 9·0 | 74 | | | 10·5 | 81 | | | 11·0 | 86 | 10·0 | 81 | | | 9·1 | 78 | | | 8·5 | 76 |
| Month | 8·6 | 76 | 8·4 | 73 | 8·0 | 66 | 9·2 | 74 | 9·8 | 77 | 9·2 | 70 | 6·7 | 52 | 7·8 | 62 | 7·1 | 58 | 8·2 | 70 | 8·7 | 77 | 8·9 | 79 |

# RAINFALL TABLES.

## Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT.

### Mersa Matrûh (Mediterranean Sea Coast).

φ 31° 22′ N. λ 27° 14′ E. h 8·4 m. $h_r$ 1·5 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm | Var. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | |
| January ... ... ... ... | 4·3 | 3·0 | 17 | 2 | 2 | 2 | — | 1 | — | 7 | — | 21 | — | — | — |
| February ... ... ... ... | 34·2 | 14·0 | 11 | 7 | 6 | 3 | — | 3 | — | 7 | — | 15 | — | — | — |
| March ... ... ... ... ... | 10·8 | 4·5 | 3 | 5 | 4 | 17 | — | 6 | — | 3 | — | 5 | — | — | — |
| April ... ... ... ... ... | Drops | Drops | 19 | — | — | 20 | — | 8 | — | 1 | — | 1 | — | — | — |
| May ... ... ... ... ... | Drops | Drops | 19 | — | — | 24 | — | 1 | — | 3 | — | 2 | — | 1 | — |
| June ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 23 | — | — | — | 1 | — | 6 | — | — | — |
| July ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 13 | — | — | — | 1 | — | 16 | — | — | 1 |
| August ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 4 | — | — | — | 1 | — | 26 | — | — | — |
| September ... ... ... ... | 0·0 | 0·0 | — | — | — | 10 | — | — | — | 1 | — | 13 | — | — | — |
| October ... ... ... ... | 84·8 | 32·5 | 26 | 7 | 7 | 14 | — | — | — | 6 | — | 11 | — | — | — |
| November ... ... ... ... | 15·6 | 8·5 | 22 | 4 | 4 | 27 | — | — | — | — | — | 3 | — | — | — |
| December ... ... ... ... | 14·7 | 3·5 | 14 | 5 | 5 | 23 | — | — | — | 4 | — | 4 | — | — | — |
| TOTAL ... ... | 164·4 | — | — | 30 | 28 | 186 | — | 19 | — | 35 | — | 123 | — | 1 | 1 |

### Ras el Dabba (Mediterranean Sea Coast).

φ 31° 6′ N. λ 28° 28′ E. h 15·0 m. $h_r$ 1·2 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January ... ... ... ... ... ... | 7·0 | 5·0 | 14 | 2 | 2 | 3 | — | 2 | — | 5 | 14 | 5 | — | 2 |
| February ... ... ... ... ... ... | 20·0 | 9·5 | 13 | 3 | 3 | — | — | 2 | 2 | 2 | 3 | 8 | 11 | — |
| March ... ... ... ... ... ... | 14·0 | 7·5 | 4 | 4 | 4 | 13 | 1 | 1 | 1 | 2 | 2 | 8 | — | 2 |
| April ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 9 | 1 | 3 | 2 | — | 4 | 12 | 1 | — |
| May ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 4 | — | 2 | 2 | — | 2 | 19 | — | — |
| June ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 5 | 1 | — | — | — | — | 21 | — | 1 |
| July ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 3 | — | — | — | 1 | — | 27 | — | — |
| August ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 4 | — | — | — | — | 2 | 26 | — | 1 |
| September ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 5 | — | — | — | 3 | 3 | 20 | — | — |
| October ... ... ... ... ... ... | 17·7 | 7·0 | 14 | 7 | 5 | 7 | — | 1 | — | 5 | 13 | 14 | — | 1 |
| November ... ... ... ... ... | 33·0 | 12·5 | 22 | 8 | 8 | 1 | — | — | — | — | 10 | 16 | — | — |
| December ... ... ... ... ... | 14·0 | 6·5 | 16 | 5 | 5 | 2 | — | 2 | — | 5 | — | 12 | — | — |
| TOTAL ... ... ... | 105·7 | — | — | 29 | 27 | 56 | 3 | 13 | 7 | 23 | 56 | 188 | 12 | 7 |

**N.B.**— For rainfall at Meteorological Stations, see pp. 150 to 199.

## Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT *(continued).*

### Mex (near Alexandria).

φ 31° 9′ N. λ 29° 51′ E. h 5·0 m. $h_r$ 1·7 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 13·5 | 5·1 | 18 | 5 | 5 | 11 | 1 | 1 | 0.5 | 9 | 8·5 | 7·5 | 23·5 | — |
| February | 42·7 | 11·4 | 18 | 8 | 7 | 9·5 | 4 | 4 | 2 | 7 | 13 | 6 | 8·5 | 2 |
| March | 14·2 | 6·9 | 5 | 4 | 4 | 22 | 14 | 4·5 | 4·5 | 1·5 | 3·5 | 4·5 | 7·5 | — |
| April | 0·0 | 0·0 | — | — | — | 21·5 | 6 | 6·5 | 5·5 | 4·5 | 1 | 2·5 | 12·5 | — |
| May | 0·0 | 0·0 | — | — | — | 20·5 | 5 | 2 | 4 | 4·5 | 2·5 | 1·5 | 21 | 1 |
| June | 0·0 | 0·0 | — | — | — | 31·5 | 4 | — | — | 0·5 | 0·5 | — | 23·5 | — |
| July | 0·0 | 0·0 | — | — | — | 27 | 1 | — | — | — | — | 1 | 32 | 1 |
| August | 0·0 | 0·0 | — | — | — | 31·5 | 1·5 | — | — | 0·5 | 2·5 | 1 | 25 | — |
| September | 0·0 | 0·0 | — | — | — | 32·5 | 2·5 | — | 1·5 | 2·5 | 2 | 0·5 | 18·5 | — |
| October | 52·6 | 27·9 | 25 | 3 | 2 | 32 | 4 | 1·5 | 2·5 | 3 | 8·5 | 3 | 7·5 | — |
| November | 53·6 | 23·4 | 22 | 10 | 6 | 24·5 | 1·5 | 1 | 3 | 2·5 | 16·5 | 1 | 10 | — |
| December | 73·9 | 19·8 | 21 | 13 | 10 | 7 | 1·5 | 1 | 5·5 | 8 | 22·5 | 3 | 13·5 | — |
| TOTAL | 250·5 | — | — | 43 | 34 | 270·5 | 46 | 21·5 | 29 | 43·5 | 81 | 31·5 | 203 | 4 |

### Rosetta (Light House).

φ 31° 30′ N. λ 30° 20′ E. h 2·0 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 14·5 | 4·9 | 8 | 8 | 6 | 5 | 2 | 1 | — | 3 | 4 | 5 | 10 | 1 |
| February | 29·0 | 8·2 | 13 | 10 | 6 | 6 | 2 | 5 | 3 | 1 | 2·5 | 5·5 | 3 | — |
| March | 7·5 | 3·3 | 3 | 5 | 3 | 8·5 | 7·5 | 6·5 | — | — | 1 | 1 | 6·5 | — |
| April | 0·3 | 0·3 | 20 | 1 | — | 4 | 3 | 7·5 | 3 | 0·5 | — | 1 | 11 | — |
| May | 0·0 | 0·0 | — | — | — | 8·5 | 0·5 | 2 | 4 | 1 | 1 | 1·5 | 12·5 | — |
| June | 0·0 | 0·0 | — | — | — | 15·5 | 1 | 0·5 | — | — | 1 | — | 12 | — |
| July | 0·0 | 0·0 | — | — | — | 6 | — | — | 1 | 1 | — | 1·5 | 21·5 | — |
| August | 0·0 | 0·0 | — | — | — | 8·5 | — | — | — | — | 1 | 2·5 | 19 | — |
| September | 0·0 | 0·0 | — | — | — | 10 | — | — | 2 | — | 2 | 0·5 | 15·5 | — |
| October | 31·4 | 13·4 | 24 | 4 | 3 | 10·5 | 4 | 0·5 | 3 | 3 | 1 | — | 9 | — |
| November | 38·8 | 23·6 | 22 | 9 | 4 | 7 | — | — | 1 | 3·5 | 5 | 2·5 | 10 | 1 |
| December | 75·3 | 10·4 | 7 | 12 | 10 | 3 | — | 1 | 1 | 9 | 8 | 4·5 | 4·5 | — |
| TOTAL | 196·8 | — | — | 49 | 32 | 92·5 | 20 | 24 | 18 | 22 | 26·5 | 25·5 | 134·5 | 2 |

## Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT (*continued*).

### Kafr el Dawâr.

φ 31° 8′ N. λ 30° 8′ E. h 3·3 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 21·3 | 5·0 | 27 | 6 | 6 | — | — | — | — | — | — | 31 | — | — |
| February | 42·0 | 14·0 | 19 | 8 | 8 | — | — | — | — | — | — | 28 | — | — |
| March | 15·0 | 7·5 | 5 | 3 | 3 | — | — | — | — | — | — | 31 | — | — |
| April | 0·0 | 0·0 | — | — | — | 5 | 2 | — | — | — | — | 19 | 4 | — |
| May | 6·0 | 6·0 | 17 | 1 | 1 | 22 | — | — | — | — | — | 9 | — | — |
| June | 0·0 | 0·0 | — | — | — | 22 | — | 5 | — | — | — | 1 | — | 2 |
| July | 0·0 | 0·0 | — | — | — | 27 | — | 3 | — | — | — | 1 | — | — |
| August | 0·0 | 0·0 | — | — | — | 19 | — | — | — | — | — | 12 | — | — |
| September | 0·0 | 0·0 | — | — | — | 23 | — | — | — | — | — | 7 | — | — |
| October | 18·3 | 12·6 | 24 | 3 | 3 | 20 | — | — | — | 1 | — | 10 | — | — |
| November | 43·5 | 20·0 | 24 | 5 | 5 | 19 | — | — | — | — | 1 | 10 | — | — |
| December | 57·7 | 15·5 | 7 | 9 | 6 | 7 | — | — | — | — | — | 24 | — | — |
| TOTAL | 203·8 | — | — | 35 | 32 | 164 | 2 | 8 | — | 1 | 1 | 183 | 4 | 2 |

### Abu Hommos.

φ 31° 6′ N. λ 31° 18′ E. h 2·0 m. $h_r$ 0·9 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 11·0 | 3·0 | 8, 24 | 4 | 4 | — | — | — | — | 1 | — | 4 | 1 | 25 |
| February | 28·5 | 11·0 | 18 | 6 | 5 | 1 | — | — | — | 2 | — | 6 | — | 19 |
| March | 8·5 | 4·0 | 3 | 3 | 3 | 1 | — | 1 | — | 1 | — | 4 | — | 24 |
| April | 1·0 | 1·0 | 20 | 1 | 1 | 8 | — | 2 | — | 2 | — | 4 | — | 14 |
| May | 0·5 | 0·5 | 18 | 1 | — | 10 | — | 3 | 1 | 2 | — | 13 | — | 2 |
| June | 0·0 | 0·0 | — | — | — | 7 | — | 5 | — | 3 | — | 9 | — | 2 |
| July | 0·0 | 0·0 | — | — | — | 8 | — | 2 | — | 3 | — | 9 | 4 | 9 |
| August | 0·0 | 0·0 | — | — | — | 5 | — | 4 | — | 1 | — | 6 | — | 15 |
| September | 0·0 | 0·0 | — | — | — | 11 | — | — | — | — | — | 6 | — | 13 |
| October | 4·0 | 4·0 | 24 | 1 | 1 | 6 | — | — | — | — | — | 5 | — | 20 |
| November | 47·7 | 28·0 | 22 | 5 | 4 | 3 | — | — | — | 1 | — | 4 | — | 22 |
| December | 48·5 | 18·0 | 21 | 7 | 7 | — | — | — | — | 1 | — | 13 | — | 17 |
| TOTAL | 149·7 | — | — | 28 | 25 | 60 | — | 17 | 1 | 17 | — | 83 | 5 | 182 |

## Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT *(continued)*.

### Hosh 'Isa.

φ 30° 55′ N. λ 30° 18′ E. h 4·6 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 4·0 | 4·0 | 25 | 1 | 1 | 19 | — | 1 | — | 5 | — | 6 | — | — |
| February | 37·1 | 17·7 | 18 | 3 | 3 | 20 | — | — | — | — | — | 8 | — | — |
| March | 5·1 | 5·1 | 3 | 1 | 1 | 21 | — | — | — | 1 | — | 9 | — | — |
| April | 0·0 | 0·0 | — | — | — | 10 | — | 2 | — | — | — | 10 | — | — |
| May | 5·1 | 5·1 | 16 | 1 | 1 | 17 | — | 6 | — | 3 | — | 5 | — | — |
| June | 0·0 | 0·0 | — | — | — | 20 | — | 5 | — | 2 | — | 3 | — | — |
| July | 0·0 | 0·0 | — | — | — | 15 | — | 1 | — | 7 | — | 1 | — | — |
| August | 0·0 | 0·0 | — | — | — | 26 | — | 4 | — | 1 | — | — | — | — |
| September | 0·0 | 0·0 | — | — | — | 21 | — | 7 | — | 2 | — | — | — | — |
| October | 9·8 | 5·2 | 28 | 2 | 2 | 13 | — | 8 | — | 3 | — | 7 | — | — |
| November | 20·2 | 10·4 | 23 | 5 | 5 | 14 | — | 3 | — | 4 | — | 9 | — | — |
| December | 34·4 | 16·7 | 21 | 3 | 3 | 11 | — | 2 | — | 11 | — | 7 | — | — |
| TOTAL | 124·7 | — | — | 16 | 16 | 207 | — | 39 | — | 39 | — | 65 | — | — |

### Damanhûr.

φ 31° 2′ N. λ 30° 29′ E. h 4·8 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 3·2 | 1·0 | 16, 28 | 5 | 2 | — | 3 | — | 2 | — | 15 | — | 11 | — |
| February | 32·4 | 8·0 | 18 | 8 | 8 | — | 2 | 1 | 3 | — | 11 | 2 | 9 | — |
| March | 6·0 | 5·2 | 4 | 3 | 1 | — | 15 | — | 3 | — | 4 | — | 9 | — |
| April | 0·8 | 0·8 | 20 | 1 | — | — | 5 | — | 12 | — | — | — | 13 | — |
| May | 8·3 | 8·3 | 16 | 1 | 1 | — | 6 | — | 9 | — | 4 | — | 12 | — |
| June | 0·0 | 0·0 | — | — | — | — | 13 | — | — | — | 3 | — | 14 | — |
| July | 0·0 | 0·0 | — | — | — | — | 3 | — | — | — | 2 | — | 26 | — |
| August | 0·0 | 0·0 | — | — | — | — | 6 | — | — | — | 3 | — | 22 | — |
| September | 0·0 | 0·0 | — | — | — | — | 6 | — | — | — | 5 | — | 19 | — |
| October | 31·8 | 14·6 | 24 | 4 | 4 | — | 10 | — | 2 | — | 12 | — | 7 | — |
| November | 44·0 | 27·0 | 22 | 6 | 5 | — | 3 | — | 3 | — | 19 | — | 5 | — |
| December | 33·6 | 13·5 | 7 | 7 | 5 | — | 4 | — | 2 | — | 23 | — | 2 | — |
| TOTAL | 160·1 | — | — | 35 | 26 | — | 76 | 1 | 36 | — | 101 | 2 | 149 | — |

## Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT (*continued*).

### El 'Atf.

φ 31° 12′ N. λ 30° 32′ E. h 5·6 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 9·4 | 2·4 | 24 | 6 | 6 | 9 | — | 2 | — | — | — | 20 | — | — |
| February | 28·6 | 9·0 | 13 | 5 | 5 | 8 | — | 2 | — | — | — | 18 | — | — |
| March | 15·3 | 6·5 | 4 | 3 | 3 | 9 | — | 8 | — | — | — | 14 | — | — |
| April | 0·0 | 0·0 | — | — | — | 13 | — | 13 | — | — | — | 4 | — | — |
| May | 0·0 | 0·0 | — | — | — | 7 | — | 8 | — | — | — | 16 | — | — |
| June | 0·0 | 0·0 | — | — | — | 10 | — | 8 | — | — | — | 12 | — | — |
| July | 0·0 | 0·0 | — | — | — | 5 | — | 10 | — | 5 | — | 11 | — | — |
| August | 0·0 | 0·0 | — | — | — | 14 | — | 1 | — | 3 | — | 13 | — | — |
| September | 0·0 | 0·0 | — | — | — | 6 | — | 2 | — | 4 | — | 18 | — | — |
| October | 41·0 | 29·0 | 24 | 3 | 3 | 5 | 1 | 1 | — | 1 | 1 | 22 | — | — |
| November | 29·8 | 23·8 | 22 | 3 | 3 | 2 | — | 1 | — | 2 | 3 | 22 | — | — |
| December | 44·2 | 28·2 | 7 | 5 | 5 | 1 | — | 2 | — | 1 | — | 27 | — | — |
| Total | 168·3 | — | — | 25 | 25 | 89 | 1 | 58 | — | 16 | 4 | 197 | — | — |

### Shubrakhît.

φ 31° 2′ N. λ 30° 44′ E. h 5·5 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 8·7 | 2·5 | 25 | 7 | 5 | 8 | 2 | 10 | 1 | 2 | — | 8 | — | — |
| February | 25·7 | 8·5 | 14 | 8 | 6 | 15 | 2 | 6 | — | 2 | — | 1 | 2 | — |
| March | 12·5 | 4·5 | 5, 7 | 4 | 3 | 18 | 2 | 4 | — | 1 | — | 4 | | — |
| April | 0·0 | 0·0 | — | — | — | 13 | 2 | 14 | — | 1 | — | — | — | — |
| May | 12·0 | 12·0 | 16 | 1 | 1 | 15 | 1 | 15 | — | — | — | — | — | — |
| June | 0·0 | 0·0 | — | — | — | 23 | — | 6 | — | — | — | 1 | — | — |
| July | 0·0 | 0·0 | — | — | — | 28 | — | 3 | — | — | — | — | — | — |
| August | 0·0 | 0·0 | — | — | — | 23 | 1 | 6 | — | — | — | — | 1 | — |
| September | 0·0 | 0·0 | — | — | — | 21 | 1 | 8 | — | — | — | — | — | — |
| October | 23·8 | 17·7 | 30 | 3 | 3 | 22 | 1 | 8 | — | — | — | — | — | — |
| November | 10·2 | 5·0 | 29 | 4 | 3 | 17 | — | 9 | — | 1 | — | 2 | 1 | — |
| December | 27·0 | 12·5 | 7 | 6 | 5 | 16 | — | 10 | — | 1 | — | 4 | — | — |
| Total | 119·9 | — | — | 33 | 26 | 219 | 12 | 99 | 1 | 8 | — | 20 | 6 | — |

## Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT *(continued)*.

### Itai el Barûd.

φ 30° 53′ N. λ 30° 41′ E. h 5·3 m. $h_r$ 7·1 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 5·8 | 2·0 | 17 | 5 | 3 | 4 | — | 5 | — | 1 | — | 21 | — | — |
| February | 21·0 | 8·0 | 13 | 7 | 6 | 5 | — | 4 | — | 1 | — | 18 | — | — |
| March | 5·2 | 4·2 | 3 | 2 | 2 | 18 | — | 3 | — | 1 | — | 9 | — | — |
| April | 0·5 | 0·5 | 20 | 1 | — | 10 | — | 9 | — | 1 | — | 10 | — | — |
| May | Drops | Drops | 14 | — | — | 15 | — | 1 | — | 5 | — | 10 | — | — |
| June | 0·0 | 0·0 | — | — | — | 24 | — | 1 | — | — | — | 5 | — | — |
| July | 0·0 | 0·0 | — | — | — | 29 | — | 1 | — | — | — | 1 | — | — |
| August | 0·0 | 0·0 | — | — | — | 29 | — | — | — | — | — | 2 | — | — |
| September | 0·0 | 0·0 | — | — | — | 29 | — | — | — | — | — | 1 | — | — |
| October | 0·0 | 0·0 | — | — | — | 19 | — | 6 | — | 1 | — | 5 | — | — |
| November | 29·7 | 14·6 | 23 | 4 | 2 | 16 | — | 8 | — | 1 | — | 5 | — | — |
| December | 19·1 | 6·3 | 16 | 6 | 3 | 19 | — | 7 | — | — | — | 3 | 2 | — |
| Total | 81·3 | — | — | 25 | 16 | 217 | — | 45 | — | 11 | — | 90 | 2 | — |

### Kafr Bulîn.

φ 30° 44 N. λ 30° 45′ E. h 11·9 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 1·5 | 1·0 | 8 | 2 | 1 | 6 | — | 1 | — | 1 | — | 22 | — | 1 |
| February | 17·8 | 6·8 | 13 | 5 | 5 | 6 | — | 1 | — | 4 | — | 17 | — | — |
| March | 5·5 | 4·0 | 3 | 2 | 2 | 19 | — | 3 | — | 4 | — | 5 | — | — |
| April | Drops | Drops | 20 | — | — | 15 | — | 9 | — | 2 | — | 4 | — | — |
| May | 6·6 | 6·6 | 16 | 1 | 1 | 21 | — | 2 | — | 6 | — | 2 | — | — |
| June | 0·0 | 0·0 | — | — | — | 29 | — | — | — | 1 | — | — | — | — |
| July | 0·0 | 0·0 | — | — | — | 26 | — | — | — | — | — | 3 | — | 2 |
| August | 0·0 | 0·0 | — | — | — | 27 | — | — | — | — | — | 4 | — | — |
| September | 0·0 | 0·0 | — | — | — | 24 | — | 2 | — | — | — | — | — | 4 |
| October | 0·8 | 0·8 | 25 | 1 | — | 20 | — | — | — | 2 | — | 8 | — | 1 |
| November | 15·8 | 15·8 | 22 | 1 | 1 | 13 | — | — | — | — | — | 15 | — | 2 |
| December | 8·5 | 3·7 | 21 | 4 | 3 | 5 | — | 1 | — | 1 | — | 22 | — | 2 |
| Total | 56·5 | — | — | 16 | 13 | 211 | — | 19 | — | 21 | — | 102 | — | 12 |

## Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT *(continued)*.

### El Khatatba.

φ 30° 23′ N. λ 30° 52′ E. h 14·0 m. $h_r$ 1·1 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | Drops | Drops | 6, 13 | — | — | 7 | — | 7 | — | 2 | — | 15 | — | — |
| February | 7·9 | 6·0 | 13 | 3 | 2 | 6 | — | 8 | — | 2 | — | 12 | — | — |
| March | 1·9 | 1·9 | 4 | 1 | 1 | 11 | — | 10 | — | 2 | — | 8 | — | — |
| April | Drops | Drops | 20 | — | — | 14 | — | 9 | — | 1 | — | 6 | — | — |
| May | 4·5 | 4·5 | 16 | 1 | 1 | 11 | — | 11 | — | 3 | — | 6 | — | — |
| June | 0·0 | 0·0 | — | — | — | 16 | — | 10 | — | — | — | 4 | — | — |
| July | 0·0 | 0·0 | — | — | — | 14 | — | 13 | — | 1 | — | 3 | — | — |
| August | 0·0 | 0·0 | — | — | — | 15 | — | 5 | — | 3 | — | 8 | — | — |
| September | Drops | Drops | 26 | — | — | 7 | — | 15 | — | — | — | 8 | — | — |
| October | 1·5 | 1·5 | 25 | 1 | 1 | 2 | — | 10 | — | 4 | — | 15 | — | — |
| November | Drops | Drops | 23 | — | — | — | — | 11 | — | 3 | — | 16 | — | — |
| December | 3·6 | 3·6 | 21 | 1 | 1 | — | — | 9 | — | 1 | — | 21 | — | — |
| Total | 19·4 | — | — | 7 | 6 | 103 | — | 118 | — | 22 | — | 122 | — | — |

## Rainfall Stations in MENUFIA PROVINCE, LOWER EGYPT.

### Shebîn el Kôm.

φ 30° 33′ N. λ 31° 0′ E. h 11·1 m. $h_r$ 1·1 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 2·8 | 2·3 | 17 | 2 | 1 | 3 | — | 3 | — | 5 | — | 7 | 13 | — |
| February | 9·9 | 6·1 | 13 | 5 | 3 | — | — | 5 | — | 3 | — | 11 | 9 | — |
| March | 0·0 | 0·0 | — | — | — | — | — | 5 | — | 1 | — | 12 | 13 | — |
| April | 0·0 | 0·0 | — | — | — | — | — | 8 | — | 3 | — | 12 | 7 | — |
| May | 0·0 | 0·0 | — | — | — | — | — | 9 | — | — | — | 10 | 12 | — |
| June | 0·0 | 0·0 | — | — | — | — | — | 9 | — | 2 | — | 7 | 12 | — |
| July | 0·0 | 0·0 | — | — | — | — | — | 8 | — | 3 | — | 12 | 8 | — |
| August | 0·0 | 0·0 | — | — | — | — | — | 8 | — | 3 | — | 5 | 15 | — |
| September | 0·0 | 0·0 | — | — | — | — | 3 | 10 | — | 2 | — | 7 | 8 | — |
| October | 0·4 | 0·4 | 21 | 1 | — | 9 | 2 | 1 | — | — | — | 5 | 14 | — |
| November | 4·7 | 3·2 | 22 | 2 | 2 | 1 | 3 | — | — | — | — | 11 | 15 | — |
| December | 2·5 | 0·7 | 21 | 7 | — | — | — | 2 | — | — | — | 13 | 16 | — |
| Total | 20·3 | — | — | 17 | 6 | 13 | 8 | 68 | — | 22 | — | 112 | 142 | — |

## Rainfall Stations in MENUFIA PROVINCE, LOWER EGYPT *(continued).*

### Quesna.

φ 30° 34′ N. λ 31° 9′ E. h 10·0 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 0·0 | 0·0 | — | — | — | 25 | — | — | — | — | — | 3 | 3 | — |
| February | 13·7 | 8·7 | 13 | 3 | 2 | 14 | — | — | — | 1 | — | 13 | — | — |
| March | 4·7 | 3·5 | 12 | 2 | 2 | 10 | 2 | 7 | — | 2 | — | 6 | 4 | — |
| April | 0·0 | 0·0 | — | — | — | 6 | 5 | 13 | — | — | — | 2 | 3 | — |
| May | 8·0 | 8·0 | 16 | 1 | 1 | 10 | 4 | 14 | — | — | — | 2 | 1 | — |
| June | 0·0 | 0·0 | — | — | — | 19 | 3 | 2 | — | 1 | — | 3 | 2 | 1 |
| July | 0·0 | 0·0 | — | — | — | 27 | — | — | — | — | — | 3 | 1 | — |
| August | 0·0 | 0·0 | — | — | — | 25 | — | — | — | — | — | 4 | 2 | — |
| September | 0·0 | 0·0 | — | — | — | 28 | — | — | — | — | — | 1 | 1 | — |
| October | 0·0 | 0·0 | — | — | — | 28 | — | 1 | — | — | — | — | 2 | — |
| November | 25·3 | 25·3 | 22 | 1 | 1 | 25 | — | — | — | — | — | 4 | 1 | — |
| December | 8·6 | 7·1 | 21 | 2 | 2 | 22 | — | 1 | — | — | — | 8 | — | — |
| TOTAL | 60·3 | — | — | 9 | 8 | 239 | 14 | 38 | — | 4 | — | 49 | 20 | 1 |

### Tala.

φ 30° 41′ N. λ 30° 57′ E. h 9·5 m. $h_r$ 1·1 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 3·5 | 2·7 | 17 | 3 | 1 | 10 | — | 2 | — | 5 | 1 | 4 | 9 | — |
| February | 12·5 | 6·0 | 13 | 5 | 3 | 6 | — | 3 | — | 7 | 4 | 5 | 3 | — |
| March | 13·6 | 11·5 | 3 | 3 | 2 | 13 | 3 | 4 | 2 | 3 | 2 | 1 | 3 | — |
| April | 0·0 | 0·0 | — | — | — | 3 | 3 | 7 | 3 | 3 | 1 | 4 | 6 | — |
| May | 13·6 | 13·6 | 16 | 1 | 1 | 4 | 5 | 7 | — | 2 | 1 | 6 | 6 | — |
| June | 0·0 | 0·0 | — | — | — | 7 | 4 | 3 | — | 1 | 3 | — | 12 | — |
| July | 0·0 | 0·0 | — | — | — | 6 | 3 | 1 | — | — | 1 | 5 | 15 | — |
| August | 0·0 | 0·0 | — | — | — | 8 | 2 | 1 | — | 1 | 8 | 3 | 8 | — |
| September | 0·0 | 0·0 | — | — | — | 9 | 6 | — | — | 2 | 3 | — | 10 | — |
| October | 0·0 | 0·0 | — | — | — | 5 | 4 | 1 | 3 | 6 | 2 | 2 | 8 | — |
| November | 3·5 | 3·5 | 22 | 1 | 1 | 5 | 1 | — | 2 | 9 | 5 | 3 | 5 | — |
| December | 10·4 | 9·7 | 17 | 2 | 1 | 2 | 3 | 2 | 2 | 6 | 9 | 6 | 1 | — |
| TOTAL | 57·1 | — | — | 15 | 9 | 78 | 34 | 31 | 12 | 45 | 40 | 39 | 86 | — |

# Rainfall Stations in GHARBIA PROVINCE, LOWER EGYPT.

## Borollos (Light House).

φ 31° 36′ N. λ 31° 5′ E. h 10·0 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calm | Var. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | |
| January | 14·9 | 6·0 | 25 | 9 | 3 | 8 | 3·5 | — | 0·5 | 0·5 | 3 | 8·5 | 6 | 1 | — |
| February | 27·1 | 7·0 | 14 | 8 | 6 | 4·5 | 2·5 | 1 | 1 | 3 | 4 | 5 | 7 | — | — |
| March | 8·4 | 5·3 | 13 | 4 | 2 | 8·5 | 7·5 | — | — | 2 | 4 | 4 | 5 | — | — |
| April | 0·3 | 0·3 | 21 | 1 | — | 3·5 | 6·5 | 3·5 | 0·5 | 1 | 1 | 2·5 | 11·5 | — | — |
| May | 0·5 | 0·5 | 17 | 1 | — | 4 | 3 | 3·5 | 4 | 3·5 | — | 1·5 | 11·5 | — | — |
| June | 0·0 | 0·0 | — | — | — | 8 | 1 | — | — | 1 | — | — | 20 | — | — |
| July | 0·0 | 0·0 | — | — | — | 4 | — | — | — | 1 | — | 2·5 | 23·5 | — | — |
| August | 0·0 | 0·0 | — | — | — | 5·5 | — | — | 1 | — | — | 3·5 | 20 | — | 1 |
| September | 0·0 | 0·0 | — | — | — | 9·5 | — | — | 1 | 1·5 | 2 | 4·5 | 11·5 | — | — |
| October | 5·2 | 2·3 | 26 | 3 | 3 | 5·5 | 5 | 2·5 | 2·5 | 3 | 2·5 | 1·5 | 8·5 | — | — |
| November | 47·4 | 29·4 | 24 | 8 | 3 | 1 | 2·5 | 2 | — | 2 | 7·5 | 4 | 11 | — | — |
| December | 46·2 | 11·4 | 22 | 11 | 9 | 5 | 3 | 0·5 | 2·5 | 8·5 | 3·5 | 3 | 5 | — | — |
| TOTAL | 150·0 | — | — | 45 | 26 | 67 | 34·5 | 13 | 13 | 27 | 27·5 | 40·5 | 140·5 | 1 | 1 |

## Tanta.

φ 30° 47′ N. λ 31° 0′ E. h 8·0 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 8·0 | 3·0 | 9, 16 | 4 | 4 | 8 | — | 1 | 6 | 5 | — | — | 11 | — |
| February | 16·5 | 7·0 | 16 | 7 | 7 | 9 | — | — | 4 | 4 | 1 | 1 | 9 | — |
| March | 5·1 | 3·7 | 3 | 2 | 2 | 11 | — | — | 6 | 6 | — | 5 | 3 | — |
| April | 0·0 | 0·0 | — | — | — | 11 | — | 2 | 1 | 5 | — | 3 | 7 | 1 |
| May | 16·5 | 16·5 | 16 | 1 | 1 | 11 | — | 2 | 7 | 3 | — | 1 | 7 | — |
| June | 0·0 | 0·0 | — | — | — | 8 | — | 1 | 6 | 2 | — | 4 | 9 | — |
| July | 0·0 | 0·0 | — | — | — | 11 | — | 3 | — | 6 | — | 3 | 3 | 5 |
| August | 0·0 | 0·0 | — | — | — | 9 | — | 1 | — | 3 | — | 5 | — | 13 |
| September | 0·0 | 0·0 | — | — | — | 5 | — | 2 | 1 | — | — | 10 | — | 12 |
| October | Not observed. | | | | | 10 | — | — | 10 | — | — | 5 | 6 | — |
| November | | | | | | | | | | | | | | |
| December | | | | | | 8 | 2 | 2 | 3 | — | 6 | — | 10 | — |
| TOTAL | 46·1 | — | — | 14 | 14 | 101 | 2 | 14 | 44 | 34 | 7 | 37 | 65 | 31 |

## Rainfall Stations in GHARBIA PROVINCE, LOWER EGYPT *(continued).*

### Kafr el Zayât.

φ 30° 49′ N. λ 30° 51′ E. h 5·6 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 3·7 | 3·7 | 16 | 1 | 1 | 3 | 3 | 3 | — | — | 2 | 19 | 1 | — |
| February | 25·3 | 9·3 | 11 | 6 | 6 | — | — | 8 | — | — | — | 20 | — | — |
| March | 3·5 | 3·5 | 3 | 1 | 1 | 7 | — | 16 | — | — | — | 8 | — | — |
| April | 0·0 | 0·0 | — | — | — | 6 | 1 | 10 | — | — | — | 10 | 3 | — |
| May | 0·0 | 0·0 | — | — | — | 1 | 1 | 10 | — | — | — | 12 | 7 | — |
| June | 0·0 | 0·0 | — | — | — | 15 | 9 | 2 | — | — | — | 3 | 1 | — |
| July | 0·0 | 0·0 | — | — | — | 24 | — | 2 | — | — | — | 2 | 1 | 2 |
| August | 0·0 | 0·0 | — | — | — | 29 | 1 | — | — | — | — | 1 | — | — |
| September | 0·0 | 0·0 | — | — | — | 20 | 1 | 4 | 1 | — | — | 2 | 2 | — |
| October | 0·8 | 0·5 | 29 | 2 | — | 10 | 1 | 5 | 1 | 4 | — | 9 | 1 | — |
| November | 22·2 | 21·7 | 22 | 2 | 1 | 2 | — | 1 | 1 | — | — | 23 | 3 | — |
| December | 18·9 | 5·3 | 17 | 6 | 5 | 1 | — | 4 | — | — | — | 24 | 2 | — |
| TOTAL | 74·4 | — | — | 18 | 14 | 118 | 17 | 65 | 3 | 4 | 2 | 133 | 21 | 2 |

### Desûq.

φ 31° 7′ N. λ 30° 40′ E. h 4·2 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 10·6 | 4·2 | 16 | 4 | 4 | — | 7 | 5 | 1 | 1 | 5 | 2 | 10 | — |
| February | 26·5 | 7·4 | 13 | 8 | 5 | 2 | 5 | 2 | — | 3 | 6 | 1 | 9 | — |
| March | 20·2 | 6·8 | 4 | 5 | 5 | 2 | 3 | 2 | 7 | 2 | — | 2 | 13 | — |
| April | 0·0 | 0·0 | — | — | — | — | 6 | 5 | 4 | 1 | 1 | — | 13 | — |
| May | 4·4 | 4·4 | 16 | 1 | 1 | — | 5 | 5 | 5 | — | — | 2 | 14 | — |
| June | 0·0 | 0·0 | — | — | — | 1 | 10 | — | 3 | 1 | 2 | 2 | 8 | 3 |
| July | 0·0 | 0·0 | — | — | — | 1 | 5 | 1 | 4 | 1 | — | 5 | 10 | 4 |
| August | 0·0 | 0·0 | — | — | — | — | 5 | 2 | 3 | 2 | — | 2 | 12 | 5 |
| September | 0·0 | 0·0 | — | — | — | — | 5 | — | 2 | 2 | 3 | — | 7 | 11 |
| October | 0·0 | 0·0 | — | — | — | — | 4 | — | 4 | 1 | 3 | — | 16 | 3 |
| November | 8·4 | 5·4 | 29 | 2 | 2 | 6 | 3 | 3 | 2 | 1 | 3 | 4 | 8 | — |
| December | 35·7 | 15·6 | 7 | 5 | 4 | — | 1 | 3 | 6 | 1 | 5 | 5 | 10 | — |
| TOTAL | 105·8 | — | — | 25 | 21 | 12 | 59 | 28 | 41 | 16 | 28 | 25 | 130 | 26 |

## Rainfall Stations in GHARBIA PROVINCE, LOWER EGYPT *(continued).*

### Kafr el Sheikh.

φ 31° 7′ N. λ 30° 57′ E. h ? m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm | Var. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | | |
| January ... ... ... ... | 3·0 | 1·5 | 20 | 3 | 2 | 1 | — | 1 | — | — | — | 1 | — | 28 | — |
| February ... ... ... ... | 6·2 | 5·8 | 14 | 3 | 1 | 3 | — | 2 | — | — | — | — | — | 17 | 6 |
| March ... ... ... ... ... | 4·0 | 3·0 | 10 | 2 | 2 | 10 | — | 4 | — | — | — | 2 | — | 11 | 4 |
| April ... ... ... ... ... | 5·2 | 5·0 | 1 | 2 | 1 | 10 | — | 2 | — | — | — | 1 | — | 17 | — |
| May ... ... ... ... ... | 1·0 | 1·0 | 1 | 1 | 1 | 6 | — | 2 | — | 2 | — | 1 | — | 20 | — |
| June ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 6 | — | 3 | — | — | — | 1 | — | 20 | — |
| July ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 8 | — | 1 | — | — | — | — | — | 22 | — |
| August ... ... ... ... | 0·0 | 0·0 | — | — | — | 6 | — | 3 | — | — | — | 4 | — | 18 | — |
| September ... ... ... ... | 0·0 | 0·0 | — | — | — | 9 | — | — | — | — | — | — | — | 21 | — |
| October ... ... ... ... | 1·7 | 0·9 | 24 | 2 | — | 18 | — | — | — | — | — | — | — | 13 | — |
| November ... ... ... ... | 6·2 | 3·2 | 23 | 3 | 2 | 12 | — | — | — | — | — | — | — | 15 | 3 |
| December ... ... ... ... | 25·2 | 6·0 | 16 | 8 | 8 | 16 | — | 4 | — | — | — | — | — | 11 | — |
| TOTAL ... ... | 52·5 | — | — | 24 | 17 | 105 | — | 22 | — | 2 | — | 10 | — | 213 | 13 |

### Zifta.

φ 30° 40′ N. λ 31° 15′ E. h 8·6 m. $h_r$ 1·1 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January ... ... ... ... ... ... | 4·2 | 2·1 | 1 | 4 | 2 | 13 | 5 | 2 | 4 | 4 | — | — | — | 3 |
| February ... ... ... ... ... ... | 12·7 | 9·0 | 13 | 6 | 2 | 3 | 11 | 3 | — | 8 | — | 1 | — | 2 |
| March ... ... ... ... ... ... | 2·6 | 1·8 | 3 | 3 | 1 | — | — | 10 | — | 19 | — | — | 1 | 1 |
| April ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | — | — | 5 | — | 19 | — | — | — | 6 |
| May ... ... ... ... ... ... | 1·0 | 1·0 | 16 | 1 | 1 | — | — | 18 | — | 6 | — | 2 | — | 5 |
| June ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | — | — | 21 | — | 3 | — | — | — | 6 |
| July ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | — | — | 22 | 1 | 4 | — | — | — | 4 |
| August ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | — | — | 18 | 8 | — | — | — | — | 5 |
| September... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | — | — | 15 | 13 | — | — | — | — | 2 |
| October ... ... ... ... ... ... | 1·7 | 1·7 | 29 | 1 | 1 | — | — | 22 | 4 | — | — | — | — | 5 |
| November... ... ... ... ... ... | 1·5 | 1·5 | 22 | 1 | 1 | — | — | 16 | 13 | — | — | — | — | 1 |
| December... ... ... ... ... ... | 5·1 | 2·0 | 18, 21 | 4 | 2 | 5 | 4 | 20 | 2 | — | — | — | — | — |
| TOTAL ... ... ... | 28·8 | — | — | 20 | 10 | 21 | 20 | 172 | 45 | 63 | — | 3 | 1 | 40 |

## Rainfall Stations in GHARBIA PROVINCE, LOWER EGYPT (*continued*).

### Mahalla el Kubra.

φ 30° 58′ N. λ 31° 11′ E. h 6·9 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calms |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 12·0 | 12·0 | 16 | 1 | 1 | 2 | 1 | — | — | — | — | — | 15 | 13 |
| February | 8·9 | 8·9 | 13 | 1 | 1 | 1 | — | — | — | — | — | — | 19 | 8 |
| March | Not observed. | | | | | 1 | 1 | — | — | — | — | — | 16 | 9 |
| April | | | | | | 4 | 2 | — | — | — | — | — | 5 | 15 |
| May | | | | | | 4 | — | — | — | — | — | 1 | 8 | 18 |
| June | 0·0 | 0·0 | — | — | — | 3 | — | — | — | — | — | 8 | 5 | 13 |
| July | 0·0 | 0·0 | — | — | — | 1 | — | — | — | — | — | 8 | 8 | 14 |
| August | 0·0 | 0·0 | — | — | — | 10 | — | — | — | — | — | 4 | 2 | 14 |
| September | 0·0 | 0·0 | — | — | — | 8 | — | — | — | — | — | 6 | 2 | 9 |
| October | 12·7 | 12·0 | 28 | 2 | 1 | 4 | 4 | 2 | 1 | 2 | — | 8 | 3 | 7 |
| November | 10·0 | 4·8 | 23 | 4 | 3 | 4 | — | — | — | — | 1 | 6 | 2 | 5 |
| December | 7·3 | 4·3 | 7 | 3 | 2 | 2 | 1 | 1 | 1 | — | 2 | 4 | 1 | 7 |
| Total | 50·9 | — | — | 11 | 8 | 44 | 9 | 3 | 2 | 2 | 3 | 45 | 56 | 132 |

### Ebshân.

φ 31° 10′ N. λ 31° 12′ E. h 3 2 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calms |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 12·3 | 6·2 | 16 | 5 | 5 | 3 | 1 | 1 | 1 | 2 | 11 | 7 | 5 | — |
| February | 34·5 | 12·5 | 18 | 5 | 5 | — | 4 | 1 | 2 | 4 | 13 | 1 | 3 | — |
| March | 5·1 | 4·0 | 3 | 3 | 1 | 5 | 9 | 1 | 3 | 2 | 4 | 2 | 5 | — |
| April | 0·0 | 0·0 | — | — | — | 2 | 8 | — | 4 | 1 | 2 | 4 | 9 | — |
| May | 0·0 | 0·0 | — | — | — | 2 | 4 | 2 | 3 | — | 5 | 11 | 4 | — |
| June | 0·0 | 0·0 | — | — | — | 2 | 8 | — | — | — | 2 | 2 | 15 | 1 |
| July | 0·0 | 0·0 | — | — | — | 2 | 3 | 2 | 2 | — | 6 | 2 | 13 | 1 |
| August | 0·0 | 0·0 | — | — | — | 2 | 2 | — | 1 | 2 | 8 | 4 | 10 | 2 |
| September | 0·0 | 0·0 | — | — | — | 2 | 1 | — | 1 | — | 3 | 3 | 12 | 8 |
| October | 11·8 | 11·8 | 28 | 1 | 1 | 3 | 9 | — | 1 | 1 | 5 | 4 | 8 | — |
| November | 5·6 | 5·2 | 23 | 2 | 1 | 2 | 1 | — | 2 | — | 10 | 8 | 5 | 2 |
| December | 29·9 | 15·0 | 7 | 6 | 5 | — | 1 | 1 | 4 | 3 | 15 | 2 | 4 | 1 |
| Total | 99·2 | — | — | 22 | 18 | 25 | 51 | 8 | 24 | 15 | 84 | 50 | 93 | 15 |

## Rainfall Stations in GHARBIA PROVINCE, LOWER EGYPT *(continued)*.

### El Salahîb.

φ 31° 18′ N. λ 31° 10′ E. h 1·9 m. $h_r$ 0·8 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 33·2 | 9·4 | 17 | 5 | 5 | 1 | — | 6 | — | 3 | — | 17 | — | 4 |
| February | 19·1 | 7·6 | 13 | 4 | 4 | 4 | — | 2 | — | 11 | — | 11 | — | — |
| March | 6·0 | 3·5 | 3 | 2 | 2 | 5 | — | 14 | — | 2 | — | 9 | — | 1 |
| April | 0·0 | 0·0 | — | — | — | 4 | — | 8 | — | 2 | — | 16 | — | — |
| May | 1·0 | 1·0 | 16 | 1 | 1 | — | — | 7 | — | 4 | — | 19 | — | 1 |
| June | 0·0 | 0·0 | — | — | — | 4 | — | 4 | — | — | — | 21 | — | 1 |
| July | 0·0 | 0·0 | — | — | — | 8 | — | 1 | — | 1 | — | 20 | — | 1 |
| August | 0·0 | 0·0 | — | — | — | — | — | 4 | — | 1 | — | 22 | — | 4 |
| September | 0·0 | 0·0 | — | — | — | 7 | — | 4 | — | — | — | 16 | — | 3 |
| October | 11·6 | 11·6 | 29 | 1 | 1 | 5 | — | 2 | — | 4 | — | 18 | — | 2 |
| November | 11·4 | 5·6 | 23 | 5 | 3 | 6 | — | 2 | — | 9 | — | 12 | — | 1 |
| December | 35·0 | 9·4 | 16 | 7 | 7 | — | — | 2 | — | 20 | — | 8 | — | 1 |
| Total | 117·3 | — | — | 25 | 23 | 44 | — | 56 | — | 57 | — | 189 | — | 19 |

### Belqâs

φ 31° 13′ N. λ 31° 22′ E. h 3·9 m. $h_r$ 1·1 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 36·3 | 20·0 | 17 | 4 | 4 | 9 | — | 2 | — | 1 | — | 18 | — | 1 |
| February | 17·2 | 8·5 | 13 | 5 | 4 | 5 | — | 4 | — | 2 | — | 17 | — | — |
| March | 3·3 | 2·0 | 3 | 3 | 2 | 19 | — | 3 | — | — | — | 9 | — | — |
| April | 0·0 | 0·0 | — | — | — | 12 | — | 9 | — | — | — | 7 | — | 2 |
| May | 0·0 | 0·0 | — | — | — | 10 | — | 4 | — | 2 | — | 7 | — | 8 |
| June | 0·0 | 0·0 | — | — | — | 13 | — | 3 | — | 1 | — | 6 | — | 7 |
| July | 0·0 | 0·0 | — | — | — | 9 | — | 4 | — | 1 | — | 8 | — | 9 |
| August | 0·0 | 0·0 | — | — | — | 11 | — | 4 | — | 4 | — | 10 | — | 2 |
| September | 0·0 | 0·0 | — | — | — | 5 | — | 2 | — | 1 | — | 14 | — | 8 |
| October | 10·7 | 10·7 | 28 | 1 | 1 | 9 | — | 8 | — | 4 | — | 10 | — | — |
| November | 5·2 | 5·2 | 23 | 1 | 1 | 6 | — | 3 | — | 6 | — | 13 | — | 2 |
| December | 25·5 | 6·4 | 15 | 7 | 7 | 1 | — | 2 | — | 11 | — | 12 | — | 4 |
| Total | 98·2 | — | — | 21 | 19 | 109 | — | 48 | — | 33 | — | 131 | — | 43 |

## Rainfal Stations in GHARBIA PROVINCE, LOWER EGYPT *(continued)*.

### Sherbin.

φ 31° 11′ N. λ 31° 33′ E. h ? m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥ 0·1 (mm. of rain) | Days with ≥ 1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January ... ... ... ... ... ... | No observations. | | | | | | | | | | | | | |
| February ... ... ... ... ... ... | | | | | | | | | | | | | | |
| March ... ... ... ... ... ... | | | | | | | | | | | | | | |
| April... ... ... ... ... ... ... | | | | | | | | | | | | | | |
| May ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 10 | 2 | 6 | 2 | 2 | 1 | 6 | 2 | — |
| June ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 8 | — | 6 | — | 4 | — | 11 | 1 | — |
| July ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 15 | — | 6 | — | — | — | 10 | — | — |
| August ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 3 | 4 | 10 | — | 5 | — | 9 | — | — |
| September ... ... ... ... .. | 0·0 | 0·0 | — | — | — | 11 | — | 4 | 4 | 5 | — | 6 | — | — |
| October ... ... ... ... ... ... | Drops | Drops | 9 | — | — | 10 | — | 8 | — | 4 | — | 9 | — | — |
| November ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 7 | — | 11 | — | 4 | — | 8 | — | — |
| December ... ... ... ... ... | 8·7 | 3·1 | 17, 18 | 3 | 3 | 5 | 1 | 10 | — | 8 | 1 | 4 | — | 2 |
| TOTAL ... ... ... | *8·7* | — | — | *3* | *3* | *69* | *7* | *61* | *6* | *32* | *2* | *63* | *3* | *2* |

## Rainfall Stations in DAQAHLIA PROVINCE, LOWER EGYPT.

### Damietta (Light House).

φ 31° 31′ N. λ 31° 51′ E. h 1·0 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January ... ... ... ... ... ... | 20·9 | 8·4 | 16 | 7 | 6 | 2 | 3 | 1 | 2 | — | 8 | 8·5 | 6·5 | — |
| February ... ... ... ... ... ... | 29·8 | 8·8 | 13 | 10 | 6 | 1 | 6 | 2 | — | 2·5 | 10·5 | 3 | 3 | — |
| March ... ... ... ... ... ... | 13·4 | 5·3 | 5 | 4 | 3 | 9 | 9 | 3 | — | 1 | 2 | 2·5 | 3·5 | 1 |
| April... ... ... ... .. ... ... | 0·0 | 0·0 | — | — | — | 4 | 5 | 7 | — | — | 1 | 5·5 | 7·5 | — |
| May ... ... .. ... ... ... ... | 2·7 | 2·3 | 15 | 2 | 1 | 4 | 7 | 5 | — | 2 | 2 | 6 | 5 | — |
| June ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 8·5 | 1 | — | — | — | — | 1 | 19·5 | — |
| July ... ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 3 | — | — | — | 1·5 | 2·5 | 4·5 | 18·5 | 1 |
| August ... ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 4 | 0·5 | — | — | 1 | 7 | 10 | 8·5 | — |
| September ... ... ... ... ... | 0·0 | 0·0 | — | — | — | 4·5 | 0·5 | — | 1 | — | 7 | 2 | 15 | — |
| October ... ... ... ... ... ... | 26·7 | 24·1 | 27 | 3 | 2 | 11 | 2 | — | 1 | — | 4 | 2 | 10 | 1 |
| November ... ... ... ... ... ... | 21·1 | 8·5 | 24 | 8 | 5 | 9 | — | 1 | 1 | — | — | 4 | 15 | — |
| December... ... ... ... ... ... | 31·4 | 10·6 | 17 | 8 | 5 | — | 2 | 1 | — | — | 6 | 4 | 18 | — |
| TOTAL ... ... ... | 146·0 | — | — | 42 | 28 | 60 | 36 | 20 | 5 | 8 | 50 | 53 | 130 | 3 |

## Rainfall Stations in DAQAHLIA PROVINCE, LOWER EGYPT *(continued).*

### Mansûra.

φ 31° 3′ N. λ 31° 23′ E. h 7·2 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 9·7 | 5·0 | 10 | 5 | 3 | — | — | 1 | — | 3 | 7 | 12 | 2 | 6 |
| February | 17·7 | 9·0 | 13 | 4 | 4 | — | — | 8 | — | 6 | — | 14 | — | — |
| March | 3·2 | 1·2 | 3,6 | 4 | 2 | 1 | 1 | 6 | — | 9 | 2 | 11 | — | 1 |
| April | 0·0 | 0·0 | — | — | — | 4 | 3 | 8 | — | 1 | 2 | 12 | — | — |
| May | 7·8 | 7·8 | 16 | 1 | 1 | 3 | 2 | 5 | — | 2 | 1 | 14 | — | 4 |
| June | 0·0 | 0·0 | — | — | — | 4 | — | 2 | — | — | 1 | 15 | 2 | 6 |
| July | 0·0 | 0·0 | — | — | — | — | 7 | 2 | — | — | 2 | 14 | — | 6 |
| August | 0·0 | 0·0 | — | — | — | 3 | 5 | 2 | — | — | 2 | 10 | — | 9 |
| September | 0·0 | 0·0 | — | — | — | 3 | 11 | 3 | — | 1 | — | 3 | — | 9 |
| October | 4·4 | 4·4 | 15 | 1 | 1 | 8 | 1 | 3 | — | 2 | 6 | 1 | — | 10 |
| November | 3·4 | 3·4 | 24 | 1 | 1 | 7 | 3 | — | — | 4 | 6 | — | — | 10 |
| December | 13·3 | 3·8 | 8 | 5 | 4 | 1 | 4 | — | — | 8 | 8 | 2 | — | 8 |
| TOTAL | 59·5 | — | — | 21 | 16 | 34 | 37 | 40 | — | 36 | 37 | 108 | 4 | 69 |

### Manzala.

φ 31° 9′ N. λ 31° 56′ E. h 1·9 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 13·0 | 10·0 | 16 | 2 | 2 | 14 | — | 2 | — | — | — | 14 | — | 1 |
| February | 8·5 | 8·5 | 13 | 1 | 1 | 11 | — | 3 | — | 1 | — | 13 | — | — |
| March | 1·5 | 1·5 | 13 | 1 | 1 | 16 | — | 6 | — | — | — | 5 | — | 4 |
| April | 2·0 | 2·0 | 1 | 1 | 1 | 15 | — | 5 | — | 1 | — | 5 | — | 4 |
| May | 28·5 | 28·5 | 16 | 1 | 1 | 7 | — | 5 | — | 6 | — | 7 | — | 6 |
| June | 0·0 | 0·0 | — | — | — | 18 | — | 5 | — | — | — | 4 | — | 3 |
| July | 0·0 | 0·0 | — | — | — | 11 | — | 7 | — | 4 | — | 5 | — | 4 |
| August | 0·0 | 0·0 | — | — | — | 15 | — | 5 | — | — | — | 3 | — | 8 |
| September | 0·0 | 0·0 | — | — | — | 12 | — | 7 | — | 2 | — | 5 | — | 4 |
| October | 3·0 | 3·0 | 29 | 1 | 1 | 12 | — | 4 | — | 3 | — | 11 | — | 1 |
| November | 24·0 | 19·0 | 23 | 2 | 2 | 11 | — | 3 | — | 1 | — | 13 | — | 2 |
| December | 3·5 | 2·7 | 17 | 2 | 1 | 2 | — | 2 | — | 5 | — | 19 | — | 3 |
| TOTAL | 84·0 | — | — | 11 | 10 | 144 | — | 54 | — | 23 | — | 104 | — | 40 |

# Rainfall Stations in SHARQIA PROVINCE, LOWER EGYPT.

## Belbeis.

φ 30° 25′ N. λ 31° 35′ E. h 10·8 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥ 0·1 (mm. of rain) | Days with ≥ 1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 0·0 | 0·0 | — | — | — | 22 | — | — | — | — | — | 6 | 1 | 2 |
| February | 4·6 | 4·6 | 14 | 1 | 1 | 14 | — | 2 | — | — | — | 12 | — | — |
| March | 1·7 | 1·2 | 4 | 2 | 1 | 19 | — | — | — | — | — | 4 | 2 | 6 |
| April | 0·0 | 0·0 | — | — | — | 19 | — | — | — | — | — | — | 3 | 8 |
| May | 16·0 | 16·0 | 16 | 1 | 1 | 5 | — | 3 | — | — | — | 3 | 5 | 15 |
| June | *0·0* | 0·0 | — | — | — | — | *1* | *6* | — | — | — | *1* | — | *13* |
| July | 0·0 | 0·0 | — | — | — | 2 | — | — | — | — | — | 4 | — | 25 |
| August | 0·0 | 0·0 | — | — | — | *3* | — | *1* | — | — | — | *8* | — | *13* |
| September | 0·0 | 0·0 | — | — | — | *2* | — | — | — | — | — | *4* | — | *20* |
| October | 0·0 | 0·0 | — | — | — | 6 | — | 4 | — | — | — | 5 | 2 | 14 |
| November | 1·7 | 1·7 | 23 | 1 | 1 | 4 | 2 | 8 | — | — | — | 3 | — | 13 |
| December | 2·4 | 1·0 | 23 | 4 | 1 | 6 | 1 | 2 | — | — | — | 12 | 2 | 8 |
| TOTAL | 26·4 | — | — | 9 | 5 | 102 | 4 | 26 | — | — | — | 62 | 15 | 137 |

## Faqûs.

φ 30° 45′ N. λ 31° 50′ E h ? m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥ 0·1 (mm. of rain) | Days with ≥ 1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | — | — | — | — | — | Not recorded. | | | | | | | | |
| February | — | — | — | — | — | | | | | | | | | |
| March | — | — | — | — | — | | | | | | | | | |
| April | — | — | — | — | — | 15 | 10 | — | — | — | — | 2 | 3 | — |
| May | — | — | — | — | — | 29 | 1 | — | — | — | 1 | — | — | — |
| June | — | — | — | — | — | 18 | — | 12 | — | — | — | — | — | — |
| July | — | — | — | — | — | 30 | 1 | — | — | — | — | — | — | — |
| August | — | — | — | — | — | 31 | — | — | — | — | — | — | — | — |
| September | — | — | — | — | — | 30 | — | — | — | — | — | — | — | — |
| October | — | — | — | — | — | 27 | — | 4 | — | — | — | — | — | — |
| November | — | — | — | — | — | 16 | 14 | — | — | — | — | — | — | — |
| December | — | — | — | — | — | 1 | 14 | 7 | — | — | 9 | — | — | — |
| TOTAL | — | — | — | — | — | *197* | *40* | *23* | — | — | *10* | *2* | *3* | — |

## Rainfall Stations in SHARQIA PROVINCE, LOWER EGYPT *(continued)*.

### Ismailia* (Suez Canal).

φ 30° 36' N. λ 32° 16' E. h 6·0 m. $h_r$ 1·7 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 4·6 | 4·5 | 17 | 2 | 1 | 6 | 6 | — | — | 2 | 1·5 | 10·5 | 5 | — |
| February | 6·5 | 2·9 | 13 | 5 | 3 | 3 | 5 | 2 | 1·5 | 0·5 | 5 | 8 | 3 | — |
| March | 0·0 | 0·0 | — | — | — | 8 | 4·5 | 2 | 2 | — | — | 11 | 3·5 | — |
| April | Drops | Drops | 20 | — | — | 5 | 5 | 5 | — | 1 | — | 6·5 | 2·5 | 5 |
| May | 0·8 | 0·8 | 16 | 1 | — | 8·5 | 7 | 1·5 | 2 | 0·5 | 0·5 | 7 | 4 | — |
| June | 0·0 | 0·0 | — | — | — | 12·5 | 6 | — | — | — | 0·5 | 2·5 | 5·5 | 3 |
| July | 0·0 | 0·0 | — | — | — | 5 | 2 | — | — | — | — | 5·5 | 10·5 | 8 |
| August | 0·0 | 0·0 | — | — | — | 3 | — | — | — | — | 1 | 8·5 | 5·5 | 13 |
| September | 0·0 | 0·0 | — | — | — | 1 | — | — | — | 1 | — | 3·5 | 2·5 | 22 |
| October | 20·8 | 8·8 | 28 | 3 | 3 | 2·5 | 5 | 2·5 | 0·5 | 1 | — | 5 | 4·5 | 10 |
| November | 2·1 | 1·4 | 22 | 3 | 1 | 5·5 | 5 | 2·5 | 0·5 | — | — | 9·5 | 7 | — |
| December | 0·6 | 0·3 | 17 | 3 | — | 3 | 3 | 1 | 2 | 4 | 6 | 8 | 4 | — |
| TOTAL | 35·4 | — | — | 17 | 8 | 63 | 48·5 | 16·5 | 8·5 | 10 | 14·5 | 85·5 | 57·5 | 61 |

* Kindly furnished by the Suez Canal Co.

# Rainfall Stations in the SUDAN.

## Abu Hamed.

φ 19° 30′ N. λ 33° 20′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 1·4 | 1·4 | 22 | 1 | 1 |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 0·0 | 0·0 | — | — | — |
| August ... | 0·0 | 0·0 | — | — | — |
| September... | 0·0 | 0·0 | — | — | — |
| October ... | 0·0 | 0·0 | — | — | — |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL... | 1·4 | — | — | 1 | 1 |

## Thamiam.

φ 18° 22′ N. λ 36° 34′ E. h ? m. h ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 20·0 | 7·0 | 11, 31 | 2 | 2 |
| August ... | 254·0 | 130·0 | 20 | 2 | 2 |
| September... | 37·0 | 30·0 | 3 | 2 | 2 |
| October ... | 0·0 | 0·0 | — | — | — |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL... | *311·0 | — | — | 6 | 6 |

* Confirmed by the Sudan Irrigation Service.

## Gebeit.

φ 18° 56′ N. λ 36° 51′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 45·0 | 45·0 | 8 | 1 | 1 |
| June... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 18·0 | 12·0 | 6 | 2 | 2 |
| August ... | 52·6 | 20·0 | 26 | 4 | 4 |
| September... | 5·2 | 4·0 | 19 | 2 | 2 |
| October ... | 0·0 | 0·0 | — | — | — |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 8·0 | 5·0 | 28 | 2 | 2 |
| TOTAL... | 128·8 | — | — | 11 | 11 |

## Talgwareb.

φ 18° 17′ N. λ 35° 55′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 0·0 | 0·0 | — | — | — |
| August ... | 0·0 | 0·0 | — | — | — |
| September | 0·0 | 0·0 | — | — | — |
| October ... | 0·0 | 0·0 | — | — | — |
| November | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL... | *0·0 | — | — | — | — |

* Confirmed by the Sudan Irrigation Service.

## Sallom.

φ 19° 23′ N. λ 37° 10′ E. h ? m. $h_r$ ? m

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 6·5 | 4·3 | 7 | 3 | 2 |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·2 | 0·2 | 29 | 1 | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 5·8 | 5·8 | 9 | 1 | 1 |
| June ... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 25·0 | 25·0 | 27 | 1 | 1 |
| August ... | 24·2 | 24·2 | 12 | 1 | 1 |
| September . | 0·0 | 0·0 | — | — | — |
| October ... | 0·0 | 0·0 | — | — | — |
| November.. | 3·0 | 3·0 | 14 | 1 | 1 |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 64·7 | — | — | 8 | 6 |

## Khashm el Girba (R. Atbara).

φ 14° 59′ N. λ 35° 57′ E. h ? m. $h_r$ 0·9 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | No observations. | | | | |
| April ... ... | | | | | |
| May ... ... | | | | | |
| June ... ... | 5·8 | 5·8 | 27 | 1 | 1 |
| July ... ... | 118·1 | 45·1 | 26 | 6 | 6 |
| August ... | 129·2 | 50·0 | 8 | 11 | 9 |
| September | 34·2 | 29·1 | 3 | 3 | 3 |
| October ... | 6·7 | 6·7 | 1 | 1 | 1 |
| November | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL... | 294·0 | — | — | 22 | 20 |

## Rainfall Stations in the SUDAN *(continued).*

### Gedaref (R. Atbara).

φ 14° 2′ N. λ 35° 24′ E. h ? m. $h_r$ 1·2 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 0·0 | 0·0 | — | — | — | 18 | — | 13 | — | — | — | — | — | — |
| February | 0·0 | 0·0 | — | — | — | 16 | — | 7 | — | — | — | 5 | — | — |
| March | 0·0 | 0·0 | — | — | — | 21 | — | 7 | — | — | — | 3 | — | — |
| April | 3·0 | 3·0 | 21 | 1 | 1 | 13 | — | 7 | — | 1 | — | 9 | — | — |
| May | 2·0 | 1·5 | 27 | 2 | 1 | — | — | 16 | — | — | — | 15 | — | — |
| June | 38·5 | 16·0 | 26 | 4 | 4 | 3 | — | 9 | — | 10 | — | 8 | — | — |
| July | 112·0 | 37·0 | 27 | 9 | 9 | 1 | — | 10 | — | 17 | — | 3 | — | — |
| August | 141·0 | 50·0 | 20 | 9 | 9 | 6 | — | 9 | — | 13 | — | 3 | — | — |
| September | 40·5 | 20·0 | 5 | 3 | 3 | 1 | — | 14 | — | 10 | — | 5 | — | — |
| October | 62·0 | 25·0 | 8 | 3 | 3 | 3 | — | 5 | — | 3 | — | 20 | — | — |
| November | 0·0 | 0·0 | — | — | — | 19 | — | 11 | — | — | — | — | — | — |
| December | 0·0 | 0·0 | — | — | — | 24 | — | 7 | — | — | — | — | — | — |
| Total | 399·0 | — | — | 31 | 30 | 125 | — | 115 | — | 54 | — | 71 | — | — |

### Abu Deleig (Blue Nile).

φ 15° 55′ N. λ 33° 49′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January | 0·0 | 0·0 | — | — | — |
| February | 0·0 | 0·0 | — | — | — |
| March | 0·0 | 0·0 | — | — | — |
| April | 0·0 | 0·0 | — | — | — |
| May | 0·0 | 0·0 | — | — | — |
| June | 0·0 | 0·0 | — | — | — |
| July | 0·0 | 0·0 | — | — | — |
| August | 101·9 | 55·2 | 15 | 3 | 3 |
| September | 15·0 | 12·5 | 19 | 2 | 2 |
| October | 0·0 | 0·0 | — | — | — |
| November | 0·0 | 0·0 | — | — | — |
| December | 0·0 | 0·0 | — | — | — |
| Total | 116·9 | — | — | 5 | 5 |

### Kamlin (Blue Nile).

φ 15° 2′ N. λ 33° 3′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January | 0·0 | 0·0 | — | — | — |
| February | 0·0 | 0·0 | — | — | — |
| March | 0·0 | 0·0 | — | — | — |
| April | 0·0 | 0·0 | — | — | — |
| May | 0·0 | 0·0 | — | — | — |
| June | 0·0 | 0·0 | — | — | — |
| July | 60·0 | 43·0 | 25 | 3 | 3 |
| August | 46·0 | 15·0 | 13, 15 | 5 | 4 |
| September | 26·5 | 14·0 | 10 | 3 | 3 |
| October | 0·0 | 0·0 | — | — | — |
| November | 0·0 | 0·0 | — | — | — |
| December | 0·0 | 0·0 | — | — | — |
| Total | 132·5 | — | — | 11 | 10 |

### Rufaa (Blue Nile).

φ 14° 48′ N. λ 33° 19′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January | 0·0 | 0·0 | — | — | — |
| February | 0·0 | 0·0 | — | — | — |
| March | 0·0 | 0·0 | — | — | — |
| April | 0·0 | 0·0 | — | — | — |
| May | 0·0 | 0·0 | — | — | — |
| June | 0·0 | 0·0 | — | — | — |
| July | 23·9 | 11·0 | 14, 31 | 3 | 3 |
| August | 121·8 | 81·4 | 20 | 8 | 7 |
| September | 53·0 | 28·5 | 9 | 4 | 4 |
| October | 0·0 | 0·0 | — | — | — |
| November | 0·0 | 0·0 | — | — | — |
| December | 0·0 | 0·0 | — | — | — |
| Total | 199·6 | — | — | 15 | 14 |

## Rainfall Stations in the SUDAN *(continued)*.

### Managil (Blue Nile).

φ 14° 13′ N. λ 32° 58′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 1·0 | 1·0 | 25 | 1 | 1 |
| July ... ... | 113·0 | 97·0 | 25 | 3 | 3 |
| August ... | 92·0 | 29·0 | 28 | 7 | 7 |
| September .. | 34·0 | 18·0 | 6 | 5 | 5 |
| October ... | 3·0 | 3·0 | 10 | 1 | 1 |
| November .. | No observations. | | | | |
| December... | | | | | |
| TOTAL ... | 243·0 | — | — | 17 | 17 |

### Mesellemia (Blue Nile).

φ 14° 34′ N. λ 33° 26′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 7·5 | 7·5 | 30 | 1 | 1 |
| July ... ... | 8·0 | 5·0 | 15 | 3 | 3 |
| August ... | 64·0 | 23·0 | 13 | 6 | 6 |
| September . | 44·6 | 33·5 | 10 | 4 | 3 |
| October ... | 0·0 | 0·0 | — | — | — |
| November . | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 124·1 | — | — | 14 | 13 |

### Wad Medani Irrigation Office (Blue Nile).

φ 14° 24′ N. λ 33° 31′ E. h 408 m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 9·1 | 8·5 | 21 | 2 | 2 |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 99·1 | 65·3 | 26 | 6 | 6 |
| August ... | 213·6 | 70·4 | 11 | 13 | 13 |
| September . | 42·0 | 15·3 | 6 | 5 | 5 |
| October ... | 8·3 | 8·3 | 8 | 1 | 1 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 372·1 | — | — | 27 | 26 |

### Sennar (Blue Nile).

φ 13° 36′ N. λ 33° 36′ E. h ? m. $h_r$ 1·2 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 15·5 | 6·5 | 30 | 4 | 3 |
| July ... ... | 126·4 | 46·0 | 31 | 8 | 6 |
| August ... | 175·5 | 51·0 | 15 | 9 | 9 |
| September . | 62·5 | 20·0 | 4 | 4 | 4 |
| October ... | 18·5 | 14·0 | 2 | 2 | 2 |
| November . | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 398·4 | — | — | 27 | 24 |

### Saoleil (Blue Nile).

φ ° ′ ? N. λ ° ′ ? E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | Observations commenced July 17, 1913. | | | | |
| February ... | | | | | |
| March ... | | | | | |
| April ... ... | | | | | |
| May ... ... | | | | | |
| June ... ... | | | | | |
| July ... ... | 36·2 | 12·7 | 20 | 5 | 4 |
| August ... | 145·4 | 48·3 | 9 | 13 | 13 |
| September . | 87·3 | 30·5 | 8 | 7 | 7 |
| October ... | 7·4 | 6·9 | 5 | 2 | 1 |
| November.. | No observations. | | | | |
| December... | | | | | |
| TOTAL ... | 276·3 | — | — | 27 | 25 |

### Abu Naama (Blue Nile).

φ 12° 44′ N. λ 34° 4′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 2·0 | 2·0 | 25 | 1 | 1 |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 32·0 | 15·0 | 27 | 3 | 3 |
| July ... ... | 268·0 | 88·0 | 27 | 13 | 13 |
| August ... | 107·6 | 25·0 | 21 | 10 | 10 |
| September . | 47·4 | 16·5 | 2 | 6 | 6 |
| October ... | 104·8 | 58·0 | 3 | 4 | 4 |
| November.. | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 561·8 | — | — | 37 | 37 |

## Rainfall Stations in the SUDAN *(continued)*.

### Abu Hashim (R. Dinder).

φ 13° N. λ 34° 18′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | No observations. | | | | |
| February ... | | | | | |
| March ... | | | | | |
| April ... ... | 5·9 | 5·9 | 26 | 1 | 1 |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 38·8 | 16·0 | 27 | 5 | 5 |
| July ... ... | 47·6 | 25·9 | 27 | 9 | 7 |
| August ... | 136·8 | 45·1 | 10 | 11 | 9 |
| September... | 61·5 | 16·0 | 16 | 6 | 6 |
| October ... | 82·0 | 76·5 | 8 | 2 | 2 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | No observations. | | | | |
| TOTAL ... | 372·6 | — | — | 34 | 30 |

### Mafaza (R. Rahad).

φ 13° 37′ N. λ 34° 32′ E. h 420 m. $h_r$ 0·9 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | No observations. | | | | |
| February ... | | | | | |
| March ... | | | | | |
| April... ... | | | | | |
| May ... ... | | | | | |
| June ... ... | 60·7 | 25·0 | 24 | 4 | 4 |
| July ... ... | 133 8 | 38·2 | 9 | 9 | 9 |
| August ... | 180·7 | 63·0 | 21 | 11 | 11 |
| September... | 37·0 | 17·0 | 9 | 4 | 4 |
| October ... | 6·5 | 6·5 | 2 | 1 | 1 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 418·7 | — | — | 29 | 29 |

### Dar Fung (Blue Nile).

φ 11° 17′ N. λ 33° 55′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April... ... | 20·0 | 18·7 | 25 | 3 | 1 |
| May ... ... | 115·8 | 31·4 | 28 | 9 | 9 |
| June ... ... | 36·6 | 19·2 | 27 | 4 | 4 |
| July ... ... | 234·4 | 43·0 | 27 | 15 | 15 |
| August ... | 237·0 | 50·0 | 2 | 8 | 8 |
| September... | 113·0 | 25·5 | 20 | 10 | 10 |
| October ... | 59·5 | 29·0 | 6 | 4 | 4 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 816·3 | — | — | 53 | 51 |

### Kurmuk* (Blue Nile).

φ 10° 50′ N. λ 34° 26′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April... ... | 33·2 | 17·0 | 22 | 2 | 2 |
| May ... ... | 41·5 | 11·5 | 7 | 6 | 6 |
| June ... ... | 27·0 | 15·0 | 20 | 4 | 4 |
| July ... ... | 75·5 | 32·0 | 27 | 6 | 6 |
| August ... | 288·0 | 91·0 | 1 | 14 | 14 |
| September... | 118·3 | 35·0 | 6 | 12 | 12 |
| October ... | 61·0 | 29·0 | 14 | 4 | 4 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 644·5 | — | — | 48 | 48 |

* 20 miles from El Keill.

### Khartoum Irrigation Office.

φ 15° 37′ N. λ 32° 33′ E. h 383 m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 3·2 | 2·2 | 15 | 2 | 2 |
| August ... | 69·4 | 30·2 | 14 | 6 | 6 |
| September... | 18·1 | 16·7 | 8 | 2 | 2 |
| October ... | 2·1 | 2·1 | 6 | 1 | 1 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 92·8 | — | — | 11 | 11 |

### Geteina (White Nile).

φ 14° 49′ N. λ 32° 23′ E. h ? m. $h_r$ m ?

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 mm. of rain | Days with ≥1·0 mm. of rain |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 2·5 | 2·5 | 27 | 1 | 1 |
| July ... ... | 15·0 | 10·0 | 13 | 2 | 2 |
| August ... | 47·0 | 14·0 | 15 | 5 | 5 |
| September... | 54·0 | 18·0 | 6 | 3 | 3 |
| October ... | 0·0 | 0·0 | — | — | — |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 118·5 | — | — | 11 | 11 |

## Rainfall Stations in the SUDAN *(continued).*

### **Kawa** (White Nile).

φ 13° 47′ N. λ 32° 31′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 2·7 | 1·5 | 25 | 2 | 2 |
| July ... ... | 14·4 | 5·7 | 31 | 3 | 3 |
| August ... | 111·1 | 64·0 | 11 | 8 | 7 |
| September... | 34·4 | 15·0 | 6 | 7 | 7 |
| October ... | 3·9 | 3·0 | 13 | 2 | 1 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 166·5 | — | — | 22 | 20 |

### **Hellet Abbas** (White Nile).

φ 13° 16′ N. λ 32° 45′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·3 | 0·3 | 24 | 1 | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 26·5 | 17·0 | 27 | 3 | 3 |
| July ... ... | 24·5 | 8·0 | 18 | 5 | 5 |
| August ... | 113·0 | 38·0 | 15 | 8 | 8 |
| September... | 18·5 | 12·0 | 24 | 2 | 2 |
| October ... | 0·0 | 0·0 | — | — | — |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 182·8 | — | — | 19 | 18 |

### **Renk** (White Nile).

φ 11° 45′ N. λ 32° 47′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April... ... | 1·0 | 0·5 | 19, 22 | 2 | — |
| May ... ... | 16·0 | 16·0 | 26 | 1 | 1 |
| June ... ... | 18·0 | 15·0 | 27 | 3 | 3 |
| July ... ... | 68·0 | 37·0 | 5 | 9 | 7 |
| August ... | 135·0 | 85·0 | 15 | 3 | 3 |
| September... | 34·0 | 10·0 | 27 | 6 | 6 |
| October ... | 71·5 | 23·5 | 14 | 7 | 7 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 343·5 | — | — | 31 | 27 |

### **Melut** (White Nile).

φ 10° 29′ N. λ 32° 11′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March | 0·0 | 0·0 | — | — | — |
| April ... | 28·8 | 14·0 | 21 | 3 | 3 |
| May ... ... | 23·6 | 14·8 | 4 | 2 | 2 |
| June ... ... | 25·9 | 14·3 | 27 | 4 | 3 |
| July ... ... | 169·5 | 74·0 | 19 | 9 | 9 |
| August ... | 99·6 | 75·0 | 3 | 5 | 4 |
| September... | 109·4 | 44·3 | 23 | 6 | 6 |
| October ... | 68·4 | 39·0 | 6 | 2 | 2 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 525·2 | — | — | 31 | 29 |

### **Malakal** (White Nile).

φ 9° 35′ N. λ 31° 37′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April... ... | 65·4 | 48·8 | 22 | 6 | 4 |
| May ... ... | 44·5 | 20·5 | 4 | 6 | 5 |
| June ... ... | 114·5 | 49·0 | 29 | 4 | 4 |
| July ... ... | 71·6 | 21·6 | 9 | 7 | 6 |
| August ... | 89·6 | 31·5 | 9 | 10 | 10 |
| September... | 59·2 | 15·4 | 10 | 9 | 9 |
| October ... | 47·0 | 19·5 | 20 | 6 | 6 |
| November.. | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 491·8 | — | — | 48 | 44 |

### **Taufikia** (White Nile).

φ 9° 26′ N. λ 31° 37′ E. h ? m. $h_r$ 1·3 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 1·8 | 1·8 | 31 | 1 | 1 |
| April... ... | 92·4 | 75·3 | 22 | 6 | 5 |
| May ... ... | 119·6 | 57·1 | 4 | 6 | 5 |
| June ... ... | 133·1 | 66·4 | 30 | 6 | 6 |
| July ... ... | 35·7 | 21·3 | 20 | 5 | 5 |
| August ... | 37·3 | 10·1 | 14 | 9 | 9 |
| September... | 46·3 | 15·9 | 2 | 7 | 7 |
| October ... | 41·0 | 17·7 | 5 | 5 | 5 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 507·2 | — | — | 45 | 43 |

## Rainfall Stations in the SUDAN *(continued).*

### **Attigo** (White Nile).

φ 9° 28′ N. λ 32° 3′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 1·1 | 1·1 | 15 | 1 | 1 |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 56·7 | 56·2 | 22 | 3 | 1 |
| May ... ... | 165·1 | 96·9 | 5 | 7 | 6 |
| June ... ... | 54·5 | 24·1 | 28 | 4 | 4 |
| July ... ... | 31·7 | 20·3 | 24 | 4 | 4 |
| August ... | 93·6 | 36·6 | 4 | 8 | 8 |
| September... | 69·7 | 33·1 | 11 | 9 | 8 |
| October ... | 46·1 | 13·9 | 6 | 7 | 5 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| Total ... | 518·5 | — | — | 43 | 37 |

### **Kosti** (Gedid District Kordofan).

φ 12° 53′ N. λ 32° 16′ E.. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | 22 | — | — |
| April ... ... | 9·2 | 9·2 | 11 | 1 | 1 |
| May ... ... | 7·0 | 7·0 | — | 1 | 1 |
| June ... ... | 18·0 | 13·0 | 27 | 2 | 2 |
| July ... ... | 31·0 | 15·5 | 17, 27 | 2 | 2 |
| August ... | 97·5 | 30·0 | 12 | 6 | 6 |
| September . | 17·5 | 17·5 | 23 | 1 | 1 |
| October ... | 0·0 | 0·0 | — | — | — |
| November . | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| Total ... | 180·2 | — | — | 13 | 13 |

### **Omdum** (Kordofan).

φ 13° 40′ N. λ 30° 58′ E. h ? m. $h_r$ 1·7 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 0·0 | 0·0 | — | — | — |
| June ... ... | 12·0 | 12·0 | 27 | 1 | 1 |
| July ... ... | 16·5 | 13·5 | 12 | 2 | 2 |
| August ... | 77·5 | 55·0 | 15 | 3 | 3 |
| September... | 12·0 | 12·0 | 18 | 1 | 1 |
| October ... | No observations. | | | | |
| November... | | | | | |
| December ... | | | | | |
| Total ... | 118·0 | — | — | 7 | 7 |

### **Um Ruaba** (Kordofan).

φ ° ′ ? N. λ ° ′ ? E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March .. | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 2·5 | 2·5 | 25 | 1 | 1 |
| June ... ... | 5·3 | 5·3 | 29 | 1 | 1 |
| July ... ... | 53·3 | 18·4 | 25 | 7 | 7 |
| August ... | 99·6 | 36·5 | 15 | 7 | 7 |
| September... | 87·9 | 60·0 | 23 | 8 | 7 |
| October ... | 25·0 | 11·5 | 13 | 3 | 3 |
| November... | 0·0 | 0·0 | — | — | — |
| December ... | 0·0 | 0·0 | — | — | — |
| Total ... | 273·6 | — | — | 27 | 26 |

### **El Rahad** (Kordofan).

φ 12° 43′ N. λ 30° 39′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 5·0 | 5·0 | 20 | 1 | 1 |
| May ... ... | 1·0 | 1·0 | 25 | 1 | 1 |
| June ... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 25·0 | 6·0 | 30 | 6 | 6 |
| August ... | 165·0 | 66·0 | 15 | 10 | 10 |
| September... | 43·0 | 10·0 | 23 | 7 | 7 |
| October ... | 12·0 | 6·0 | 10 | 4 | 4 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| Total ... | 251·0 | — | — | 29 | 29 |

### **Bara** (Kordofan).

φ 13° 42′ N. λ 30° 22′ E. h ? m. $h_r$ 1·1 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | 1·5 | 1·5 | 26 | 1 | 1 |
| June ... ... | 10·0 | 9·0 | 27 | 2 | 2 |
| July ... ... | 11·0 | 11·0 | 14 | 1 | 1 |
| August ... | 75·2 | 38·5 | 15 | 10 | 10 |
| September... | 14·0 | 6·5 | 3 | 3 | 3 |
| October ... | 4·2 | 3·8 | 7 | 2 | 1 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| Total ... | 115·9 | — | — | 19 | 18 |

## Rainfall Stations in the SUDAN *(continued)*.

### El Obeid District (Kordofan).

φ 13° 11′ N. λ 30° 14′ E. h 585 m. $h_r$ 1·3 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 1·6 | 1·6 | 22 | 1 | 1 |
| May ... ... | 5·5 | 5·5 | 26 | 1 | 1 |
| June... ... | 20·0 | 20·0 | 30 | 1 | 1 |
| July ... ... | 33·0 | 17·0 | 26 | 4 | 4 |
| August ... | 111·0 | 43·5 | 15 | 6 | 6 |
| September .. | 46·0 | 24·0 | 18 | 4 | 4 |
| October ... | 67·0 | 35·0 | 8 | 4 | 4 |
| November .. | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 284·1 | — | — | 21 | 21 |

### El Nahud (Kordofan).

φ °′ ″ N. λ °′ ″ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March . ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 3·5 | 3·5 | 20 | 1 | 1 |
| May ... ... | 22·0 | 22·0 | 26 | 1 | 1 |
| June ... ... | 0·0 | 0·0 | — | — | — |
| July ... ... | 11·5 | 6·2 | 11 | 3 | 3 |
| August ... | 54·9 | 26·0 | 23 | 6 | 6 |
| September... | 29·5 | 8·0 | 19 | 6 | 5 |
| October ... | 6·0 | 6·0 | 8 | 1 | 1 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 127·4 | — | — | 18 | 17 |

### Abwong (R. Sobat).

φ 9° 18′ N. λ 31° 52 E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 0·0 | 0·0 | — | — | — |
| May ... ... | *0·0* | 0·0 | — | — | — |
| June ... ... | No observations. | | | | |
| July ... ... | | | | | |
| August ... | | | | | |
| September . | | | | | |
| October ... | | | | | |
| November . | | | | | |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | *0·0* | — | — | — | — |

### Fort Bruce (R. Sobat).

φ 6° 50′ N. λ 33° 8′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | Commenced September 14, 1913. | | | | |
| February ... | | | | | |
| March ... | | | | | |
| April ... ... | | | | | |
| May ... ... | | | | | |
| June ... ... | | | | | |
| July ... ... | | | | | |
| August ... | | | | | |
| September... | *9·5* | 9·5 | 19 | 1 | 1 |
| October ... | 97·8 | 37·0 | 17 | 10 | 10 |
| November... | 21·2 | 8·0 | 26 | 5 | 4 |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL... | — | — | — | — | — |

### Bonjak Post (R. Sobat).

φ 7° 30′ N. λ 33° 15′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | Commenced June 26, 1913. | | | | |
| February ... | | | | | |
| March ... | | | | | |
| April ... ... | | | | | |
| May ... ... | | | | | |
| June ... ... | *49·7* | 28·5 | 26 | 3 | 3 |
| July ... ... | 189·0 | 54·0 | 23 | 13 | 12 |
| August ... | 133·4 | 50·7 | 16 | 15 | 11 |
| September. . | 91·2 | 54·5 | 18 | 7 | 6 |
| October ... | 54·0 | 26·0 | 10 | 9 | 7 |
| November... | 22·5 | 17·0 | 14 | 3 | 3 |
| December... | 0·5 | 0·5 | 31 | 1 | — |
| TOTAL... | *540·3* | — | — | *51* | *42* |

## Rainfall Stations in the SUDAN (continued).

### AKOBO POST (R. Sobat).

φ 7° 48′ N. λ 33° 3′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January ... | Commenced June 19, 1913. | | | | | Commenced July 5, 1913. | | | | | | | | |
| February ... | | | | | | | | | | | | | | |
| March ... | | | | | | | | | | | | | | |
| April ... | | | | | | | | | | | | | | |
| May ... | | | | | | | | | | | | | | |
| June ... | 92·7 | 61·5 | 29 | 7 | 6 | | | | | | | | | |
| July ... | 144·6 | 52·0 | 24 | 12 | 8 | 2 | — | 3 | 4·5 | 16·5 | — | — | — | 1 |
| August ... | 149·6 | 52·5 | 4 | 12 | 10 | 2 | 1 | 4 | — | 23 | — | 1 | — | — |
| September... | 102·1 | 43·0 | 19 | 10 | 9 | 4 | — | 15 | 1 | 7 | — | 2 | — | 1 |
| October ... | 92·0 | 40·0 | 8 | 12 | 11 | 1 | — | 9 | 4 | 11 | 1 | 1 | 1 | 3 |
| November... | 1·4 | 1·0 | 14 | 2 | 1 | 13 | — | 4 | — | 11 | 1 | — | — | 1 |
| December... | 0·0 | 0·0 | — | — | — | 20 | 3 | 1 | — | 5 | — | — | — | 2 |
| TOTAL ... | 582·4 | — | — | 55 | 45 | 42 | 4 | 36 | 9·5 | 73·5 | 2 | 4 | 1 | 8 |

### Raga (Bahr el Ghazal).

φ 8° 15′ N. λ 25° 35′ E. h ? m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 20·5 | 13·0 | 27 | 2 | 2 |
| April ... | 114·5 | 29·0 | 23 | 7 | 7 |
| May ... | 37·0 | 17·5 | 25 | 4 | 4 |
| June ... | 93·8 | 61·5 | 21 | 11 | 7 |
| July ... | 115·3 | 24·2 | 25 | 15 | 14 |
| August ... | 267·5 | 57·0 | 17 | 16 | 14 |
| September... | 90·0 | 41·5 | 4 | 9 | 7 |
| October ... | 91·6 | 25·0 | 11 | 11 | 11 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 830·2 | — | — | 75 | 66 |

### Meshra el Rek (Bahr el Ghazal).

φ 8° 27′ N. λ 29° 16′ E. h ? m. $h_r$ 1·6 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... | 25·5 | 25·5 | 22 | 1 | 1 |
| May ... | 30·5 | 18·5 | 29 | 3 | 3 |
| June ... | 127·0 | 65·0 | 29 | 2 | 2 |
| July ... | 121·5 | 62·5 | 29 | 2 | 2 |
| August ... | 54·0 | 25·0 | 18 | 3 | 3 |
| September... | 166·0 | 60·0 | 24 | 6 | 6 |
| October ... | 117·0 | 56·0 | 14 | 4 | 4 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 641·5 | — | — | 21 | 21 |

### Rumbek (Bahr el Ghazal).

φ 6° 49′ N. λ 29° 39′ E. h ? m. $h_r$ 1·2 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | Drops | Drops | 5 | — | — |
| March ... | 4·6 | 3·0 | 31 | 2 | 2 |
| April ... | 124·7 | 35·0 | 21 | 13 | 11 |
| May ... | 116·6 | 60·7 | 7 | 8 | 5 |
| June ... | 65·0 | 22·0 | 29 | 8 | 6 |
| July ... | 176·4 | 47·5 | 9 | 11 | 11 |
| August ... | 139·0 | 70·0 | 20 | 10 | 10 |
| September.. | 66·0 | 30·0 | 23 | 5 | 5 |
| October ... | 66·3 | 28·0 | 10 | 5 | 5 |
| November.. | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 758·6 | — | — | 62 | 55 |

## Rainfall Stations in the SUDAN (*continued*).

### Deim Zubeir (Bahr el Ghazal).

φ 7° 33′ N. λ 26° 5′ E. h ? m. $h_r$ 1.1 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 63·0 | 17·0 | 27 | 7 | 7 |
| May ... ... | 75·0 | 22·0 | 30 | 7 | 7 |
| June ... ... | 176·5 | 52·0 | 29 | 8 | 8 |
| July ... ... | 135·0 | 57·0 | 25 | 10 | 10 |
| August ... | 162·0 | 91·0 | 12 | 9 | 9 |
| September . | 85·0 | 28·0 | 12 | 8 | 8 |
| October ... | 134·0 | 55·0 | 10 | 6 | 6 |
| November... | 0·0 | 0·0 | — | — | — |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 830·5 | — | — | 55 | 55 |

### Ghaba Shambe (Bahr el Jebel).

φ 7° 7′ N. λ 30° 46′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 0·0 | 0·0 | — | — | — |
| April ... ... | 72·0 | 32·0 | 23 | 4 | 4 |
| May ... ... | 176·0 | 51·0 | 23 | 8 | 8 |
| June ... ... | 20·0 | 10·0 | 19, 25 | 2 | 2 |
| July ... ... | 75·0 | 25·0 | 30 | 6 | 6 |
| August ... | 62·0 | 37·0 | 21 | 2 | 2 |
| September . | 43·0 | 22·0 | 10 | 3 | 3 |
| October ... | 65·0 | 25·0 | 6 | 4 | 4 |
| November... | 8·0 | 8·0 | 17 | 1 | 1 |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 521·0 | — | — | 30 | 30 |

### Bor (Bahr el Jebel).

φ 6° 12′ N. λ 31° 33′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | 0·0 | 0·0 | — | — | — |
| March ... | 13·0 | 5·5 | 29 | 3 | 3 |
| April... ... | 96·3 | 45·0 | 30 | 9 | 9 |
| May ... ... | 33·0 | 16·0 | 18 | 5 | 5 |
| June ... ... | 92·6 | 36·0 | 12 | 6 | 6 |
| July ... ... | 121·4 | 34·0 | 5 | 7 | 7 |
| August ... | 80·2 | 35·0 | 15 | 3 | 3 |
| September .. | 22·4 | 11·6 | 7 | 3 | 3 |
| October ... | 66·5 | 21·5 | 12 | 8 | 8 |
| November... | 19·3 | 6·5 | 11 | 5 | 5 |
| December... | 0·0 | 0·0 | — | — | — |
| TOTAL ... | 544·7 | — | — | 49 | 49 |

### Giggings (Bahr el Jebel).

φ 5° 42′ N. λ 31° 44′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | 0·0 | 0·0 | — | — | — |
| February ... | *0·0* | 0·0 | — | — | — |
| March ... | Station abandoned and superseded by Sheikh Tombé. | | | | |
| April... ... | | | | | |
| May ... ... | — | — | — | — | — |
| June ... ... | — | — | — | — | — |
| July ... ... | — | — | — | — | — |
| August ... | — | — | — | — | — |
| September... | — | — | — | — | — |
| October ... | — | — | — | — | — |
| November... | — | — | — | — | — |
| December... | — | — | — | — | — |
| TOTAL ... | — | — | — | — | — |

### Sheikh Tombé (Bahr el Jebel).

φ ° ′ ? N. λ ° ′ ? E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January ... | *0·0* | 0·0 | Commenced January 1, 1913. | | |
| February ... | *0·0* | 0·0 | — | — | — |
| March ... | *37·2* | 34·2 | 25 | 2 | 2 |
| April... ... | 69·3 | 37·5 | 23 | 6 | 6 |
| May ... ... | 132·4 | 43·0 | 31 | 8 | 7 |
| June ... ... | 72·0 | 41·0 | 8 | 2 | 2 |
| July ... ... | 206·7 | 114·7 | 6 | 5 | 5 |
| August ... | 19·5 | 16·0 | 21 | 3 | 3 |
| September... | 6·0 | 6·0 | 19 | 1 | 1 |
| October ... | 21·0 | 7·0 | 11, 19, 26 | 3 | 3 |
| November... | 3·5 | 3·5 | 16 | 1 | 1 |
| December... | 3·5 | 3·5 | 29 | 1 | 1 |
| TOTAL... | 571·1 | — | — | 32 | 31 |

# Rainfall Stations in ABYSSINIA.

## Goré.

φ 8° 10′ N. λ 35° 38′ E. h 2134 m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥ 0·1 (mm. of rain) | Days with ≥ 1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 11·9 | 6·1 | 19 | 4 | 3 | — | 8 | 14 | 9 | — | — | — | — | — |
| February | 107·9 | 20·3 | 14 | 18 | 15 | — | 4 | 12 | 10 | 2 | — | — | — | — |
| March | 88·8 | 35·2 | 24 | 5 | 5 | 6 | 11 | 9 | 3 | 2 | — | — | — | — |
| April | 171·0 | 20·7 | 26 | 19 | 19 | 1 | 4 | 12 | 10 | 3 | — | — | — | — |
| May | 143·0 | 25·2 | 8 | 20 | 18 | — | 4 | 12 | 11 | 4 | — | — | — | — |
| June | 141·1 | 19·1 | 30 | 18 | 16 | 11 | 2 | 8 | 7 | 1 | — | — | 1 | — |
| July | 419·9 | 49·1 | 8 | 30 | 30 | — | 1 | 8 | 12 | 10 | — | — | — | — |
| August | 327·8 | 27·4 | 31 | 28 | 28 | — | — | 4 | 9 | 13 | 4 | 1 | — | — |
| September | 233·3 | 19·1 | 20 | 26 | 26 | — | — | 2 | 6 | 11 | 10 | 1 | — | — |
| October | 54·8 | 19·8 | 6 | 8 | 8 | 2 | 9 | 9 | 6 | 5 | — | — | — | — |
| November | 0·0 | 0·0 | — | — | — | 10 | 11 | 9 | — | — | — | — | — | — |
| December | 0·0 | 0·0 | — | — | — | 5 | 12 | 12 | 2 | — | — | — | — | — |
| Total | 1699·5 | — | — | 176 | 168 | 35 | 66 | 111 | 85 | 51 | 14 | 2 | 1 | — |

## Saiyo.

φ 7° 55′ N. λ 36° 36′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥ 0·1 (mm. of rain) | Days with ≥ 1·0 (mm. of rain) | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 25·1 | 9·4 | 28 | 5 | 5 | Observations could not be obtained. | | | | | | | | |
| February | 3·4 | 3·4 | 22 | 1 | 1 | | | | | | | | | |
| March | 5·7 | 5·4 | 7 | 2 | 1 | | | | | | | | | |
| April | 36·4 | 13·2 | 19 | 9 | 7 | | | | | | | | | |
| May | 108·3 | 16·4 | 26 | 18 | 14 | | | | | | | | | |
| June | 76·0 | 15·2 | 17 | 16 | 13 | | | | | | | | | |
| July | 85·8 | 16·2 | 27 | 15 | 13 | | | | | | | | | |
| August | 120·3 | 15·2 | 13 | 26 | 22 | | | | | | | | | |
| September | 24·9 | 8·4 | 3 | 8 | 6 | | | | | | | | | |
| October | 18·2 | 5·4 | 21 | 6 | 5 | | | | | | | | | |
| November | 11·0 | 5·4 | 1 | 4 | 3 | | | | | | | | | |
| December | 8·9 | 3·0 | 17 | 4 | 4 | | | | | | | | | |
| Total | 524·0 | — | — | 114 | 94 | — | — | — | — | — | — | — | — | — |

## Rainfall Stations in ABYSSINIA *(continued).*

### Adamitullu (Lake Zwai).

φ 8° 0′ N. λ 39° 0′ E. h ? m. $h_r$ ? m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥0·1 (mm. of rain) | Days with ≥1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 0·0 | 0·0 | — | — | — | 2·5 | 26·5 | 1 | — | — | — | — | — | 1 |
| February | 44·8 | 16·8 | 21 | 8 | 5 | 0·5 | 16·5 | 6 | — | — | — | — | — | 5 |
| March | 54·2 | 24·6 | 29 | 7 | 5 | 2·5 | 17·5 | 3 | — | — | 1·5 | 0·5 | — | 6 |
| April | 35·4 | 9·8 | 27 | 11 | 7 | 2 | 10 | 2 | — | — | 5 | — | — | 11 |
| May | 112·6 | 28·4 | 11 | 13 | 9 | 1 | 1·5 | 0·5 | — | 4·5 | 15·5 | 2 | — | 6 |
| June | 100·6 | 25·0 | 28 | 19 | 12 | — | — | 1 | — | 0·5 | 20 | 6·5 | — | 2 |
| July | 105·0 | 22·2 | 18 | 20 | 13 | — | 1 | 1 | — | 0·5 | 23·5 | 2 | — | 3 |
| August | 132·8 | 46·5 | 30 | 20 | 12 | — | 0·5 | 0·5 | — | 0·5 | 19·5 | 6 | — | 4 |
| September | 21·0 | 4·8 | 8 | 10 | 7 | — | 0·5 | 0·5 | — | 3·5 | 19 | 2·5 | — | 4 |
| October | 51·9 | 49·4 | 2 | 4 | 2 | 3·5 | 18·5 | 2 | — | — | 2·5 | 1·5 | — | 3 |
| November | 0·0 | 0·0 | — | — | — | 6·5 | 19 | 2·5 | — | — | — | — | — | 2 |
| December | 0·0 | 0·0 | — | — | — | 8 | 18 | 2 | — | — | — | — | — | 3 |
| Total | 658·3 | — | — | 112 | 72 | 26·5 | 129·5 | 22 | — | 9·5 | 106·5 | 21 | — | 50 |

### Dessié.

φ 12° 30′ N. λ 39° 45′ E. h 2300 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥ 0·1 (mm. of rain) | Days with ≥ 1·0 (mm. of rain) | N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 6·0 | 6·0 | 1 | 1 | 1 | — | — | — | 17 | — | 9 | — | 5 | — |
| February | 65·0 | 21·0 | 13 | 9 | 9 | — | 21 | — | — | — | — | — | 7 | — |
| March | 57·0 | 16·0 | 27 | 8 | 8 | — | 8 | — | — | — | 19 | — | 4 | — |
| April | 69·0 | 23·5 | 12 | 8 | 8 | 9 | 5 | — | 5 | 1 | 4 | — | 6 | — |
| May | 52·5 | 28·5 | 7 | 4 | 4 | 10 | — | — | 6 | — | 3 | — | 12 | — |
| June | 0·0 | 0·0 | — | — | — | 13 | 4 | — | 4 | — | 2 | — | 7 | — |
| July | 165·0 | 42·0 | 28 | 8 | 8 | 16 | 4 | — | 1 | — | — | — | 10 | — |
| August | 212·5 | 25·0 | 15 | 21 | 21 | 18 | 11 | — | — | — | — | — | 2 | — |
| September | 0·0 | 0·0 | — | — | — | 13 | 6 | — | — | — | — | — | 11 | — |
| October | 31·0 | 15·0 | 5 | 3 | 3 | 19 | 5 | — | — | — | — | — | 7 | — |
| November | 0·0 | 0·0 | — | — | — | 19 | 10 | — | — | — | — | — | 1 | — |
| December | 0·0 | 0·0 | — | — | — | 14 | 11 | — | — | — | — | — | 6 | — |
| Total | 658·0 | — | — | 62 | 62 | 131 | 85 | — | 33 | 1 | 37 | — | 78 | — |

## Rainfall Stations in ABYSSINIA *(continued).*

### Quoram.

11° 1′ N. λ 39° 45′ E. h 2300 m. $h_r$ 1·0 m.

| MONTH | RAINFALL mm. Total | Maximum of one day Amount | Maximum of one day Date | Days with ≥ 0·1 mm. of rain | Days with ≥ 1·0 mm. of rain | WIND DIRECTIONS OBSERVED N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 44·0 | 16·0 | 18 | 5 | 5 | — | 17 | — | 14 | — | — | — | — | — |
| February | 61·0 | 39·0 | 18 | 5 | 5 | — | 18 | — | 10 | — | — | — | — | — |
| March | 57·0 | 33·0 | 25 | 3 | 3 | — | 12 | — | 19 | — | — | — | — | — |
| April | 113·0 | 38·0 | 12 | 5 | 5 | — | 23 | — | 7 | — | — | — | — | — |
| May | 57·0 | 27·0 | 9 | 3 | 3 | — | 28 | — | 3 | — | — | — | — | — |
| June | 0·0 | 0·0 | — | — | — | — | 30 | — | — | — | — | — | — | — |
| July | 79·0 | 25·0 | 27 | 6 | 6 | — | 25 | — | 6 | — | — | — | — | — |
| August | 172·0 | 20·0 | 27 | 17 | 17 | — | — | — | 31 | — | — | — | — | — |
| September | 37·0 | 18·0 | 14 | 3 | 3 | — | 10 | — | 20 | — | — | — | — | — |
| October | 0·0 | 0·0 | — | — | — | — | 20 | — | 11 | — | — | — | — | — |
| November | 0·0 | 0·0 | — | — | — | — | 15 | — | 15 | — | — | — | — | — |
| December | 115·0 | 50·0 | 24, 25 | 3 | 3 | — | 10 | — | 21 | — | — | — | — | — |
| TOTAL | 735·0 | — | — | 50 | 50 | — | 208 | — | 157 | — | — | — | — | — |

### ADIS ABABA (Bank of Abyssinia).

φ = 9° 2′ N. λ = 38° 45′ E. h = 2400 m. $h_r$ = 1·0 m.

| MONTH | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Maximum 1 day Date | Days with ≥ 0·1 mm. of rain | Days with ≥ 1·0 mm. of rain |
|---|---|---|---|---|---|
| **1913** | | | | | |
| January | 0·0 | 0·0 | — | — | — |
| February | 64·0 | 32·0 | 4 | 4 | 4 |
| March | 64·0 | 23·0 | 22 | 3 | 3 |
| April | 109·0 | 44·0 | 1 | 8 | 8 |
| May | 90·0 | 26·0 | 13 | 7 | 7 |
| June | 103·0 | 21·0 | 26 | 10 | 10 |
| July | 199·0 | 21·0 | 10 | 23 | 23 |
| August | 306·0 | 75·0 | 4 | 24 | 24 |
| September | 124·0 | 16·0 | 7 | 13 | 13 |
| October | 0·0 | 0·0 | — | — | — |
| November | 0·0 | 0·0 | — | — | — |
| December | 0·0 | 0·0 | — | — | — |
| YEAR | 1059·0 | — | — | 92 | 92 |

### ADIS ABABA (Italian Legation).

φ = 9° 2′ N. λ = 38° 45′ E. h = 2450 m. $h_t$ = 1·5 m. $h_r$ = 1·0 m.

| MONTH | Rainfall (mm.) Total mm. | Maximum 1 day Amount | Maximum 1 day Date | Days with ≥ 0·1 mm. of rain | Days with ≥ 1·0 mm. of rain | Wind-Direction: Number of observations in which the wind-direction was recorded as N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1913** | | | | | | | | | | | | | | |
| January | 0·0 | — | — | — | — | — | — | — | — | — | 31 | — | — | — |
| February | 66·0 | 30·0 | 5 | 5 | 5 | — | — | — | — | — | 28 | — | — | — |
| March | 69·0 | 14·0 | 3, 28 | 8 | 8 | — | — | — | — | — | — | — | 31 | — |
| April | 95·0 | 25·0 | 2 | 10 | 10 | — | — | — | — | — | — | — | 30 | — |
| May | 126·0 | 35·0 | 16 | 8 | 8 | — | — | — | — | — | — | — | 31 | — |
| June | 106·0 | — | — | — | — | — | — | — | — | — | — | — | 30 | — |
| July | 185·0 | 25·0 | 9 | 18 | 18 | — | — | — | — | — | — | — | 31 | — |
| August | 316·0 | — | — | — | — | — | — | — | — | — | — | — | 31 | — |
| September | 145·0 | — | — | — | — | — | — | — | — | — | — | — | 30 | — |
| October | 0·0 | — | — | — | — | — | — | — | — | — | — | — | 31 | — |
| November | 0·0 | — | — | — | — | — | 30 | — | — | — | — | — | — | — |
| December | 0·0 | — | — | — | — | — | 31 | — | — | — | — | — | — | — |
| YEAR | 1108·0 | — | — | 49 | 49 | — | 61 | — | — | — | 89 | — | 245 | — |

# SHORT CATALOGUE

OF THE

# MAPS, PLANS, AND PUBLICATIONS

ISSUED BY THE

SURVEY DEPARTMENT, MINISTRY OF FINANCE, EGYPT.

## MAPS AND PLANS.

The following is a general list of the maps and plans offered for sale by the Survey Department. A booklet giving details of all sheets printed may be obtained free, on application either personally or by letter at the Headquarters of the Department, Giza (Mudiria), or at the Geological Museum, Public Works Ministry Gardens, Cairo, where all maps and plans are for sale, or through any bookseller.

Except where specially stated, the price of each map-sheet is 50 milliemes on paper, and 65 milliemes on cloth, and they are sent post free by the Department.

The reference marks denote: (*) map is in Arabic only; (†) map is in English only; (*†) map bears place-names both in Arabic and English; (*) (†) map can be obtained either in Arabic or English.

### Town Maps.

The following list gives particulars of the maps published.

Cairo (*†), 164 sheets, scale 1 : 1,000 (including Gezîra).
Alexandria (*†), 213 sheets, scale 1 : 1,000.
Alexandria (*) (†). 20 sheets, scale 1 : 5,000.
Mit Ghamr (*†), 4 sheets, scale 1 : 1,000.
Mansûra (*†), 16 sheets, scale 1 : 1,000.
Suez (*†), 20 sheets, scale 1 : 1,000.
Suez (*†), 1 sheet, scale 1 : 2,500.
Sohag (*†). 6 sheets, 1 : 1,000.
Tanta (*†). 15 sheets, scale 1 : 1,000.
Tanta (*†, 31 sheets, scale 1 : 500.
Girga (*†), 6 sheets, scale 1 : 1,000.
Aswân (*†), 23 sheets, scale 1 : 1,000.
Port Said (in French), 1 sheet, scale 1 : 5,000.
Zagazig (*†), 20 sheets, scale 1 : 1,000.
Damanhûr (*†), 14 sheets, scale 1 : 1,000.
Benha (*†), 25 sheets, scale 1 : 1,000.
Fayûm (*†), 26 sheets in all, of which 8 are printed, scale 1 : 1,000.
Giza (*†), 9 sheets, scale 1 : 1,000.

£ 1 = 975 milliemes; $ 1 = 200 milliemes; Mk. 1 = 48 milliemes; Fr. 1 = 38 milliemes.

## Cadastral Maps.

These are maps of the villages showing each *hod* and plot of land. They are printed in Arabic only. In ordering, the name of the village and the numbers of *hod* and plot should be given. The following list gives the particulars of the maps for each mudiria (province):—

Beheira mudiria (*), 3,300 sheets, scale 1 : 2,500.
Gharbîa mudiria (*), 3,482 sheets, scale 1 : 4,000 and 1 : 2,500.
Daqahlîa mudiria (*), 2,237 sheets, scale 1 : 2,500.
Sharqîa mudiria (*), 2,974 sheets, scale 1 : 2,500.
Menufîa mudiria (*), 2,183 sheets, scale 1 : 4,000 and 1 : 2,500.
Qaliubîa mudiria (*), 778 sheets, scale 1 : 2,500.
Gîza mudiria (*), 766 sheets, scale 1 : 4,000.
Fayûm mudiria (*), 2,289 sheets, scale 1 : 2,500.
Beni Suef mudiria (*), 942 sheets, scale 1 : 2,500.
Minia mudiria (*), 1,656 sheets, scale 1 : 2,500.
Assiût mudiria, including Kharga Oasis (*), 2,582 sheets, scale 1 : 2,500.
Girga mudiria (*), 1,313 sheets, scale 1 : 2,500.
Qena mudiria (*), 1,575 sheets, scale 1 : 2,500.
Aswân mudiria (*), 1,076 sheets, scale 1 : 2,500.

## Topographical Maps.

Scale 1 : 10,000 (10 cm. = 1 kilometre; 6·3 inches = 1 mile).—The names on these maps are in most cases in Arabic and English. The following table shows the number of sheets published :—

Beheira mudiria (*), 260 sheets (old series).
Beheira mudiria (*†), 222 sheets (new series).
Gharbîa mudiria (*†), 157 sheets (old series).
Gharbîa mudiria (*†), 89 sheets (new series).
Sharqîa mudiria (*†), 102 sheets.
Daqahlîa mudiria (*†), 20 sheets.
Menufîa mudiria (*†), 75 sheets.
Qaliubîa mudiria (*†), 68 sheets.
Gîza mudiria (*†), 90 sheets (first edition).
Gîza mudiria (*†), 13 sheets (second edition).
Fayûm mudiria (*†), 126 sheets.
Beni Suef mudiria (*†), 18 sheets.
Assiût mudiria, including Kharga Oasis (*†), 72 sheets.
Aswân mudiria (*†), 63 sheets.
Aswân or First Cataract (†), 6 sheets.

Scale 1 : 25,000 (4 cm. = 1 kilometre; 2·5 inches = 1 mile).— A provisional map of part of Gharbîa, Beheira, and Daqahlîa provinces has been published on this scale, in 175 sheets.

Scale 1 : 50,000 (2 cm. = 1 kilometre; 1·3 inches = 1 mile).—These maps are printed in three colours. Names are given in English, and as a rule in Arabic as well. This series is completed for the whole of the cultivated area of the Nile Valley and Delta. There are 164 sheets. The second edition is now in progress, of which 90 sheets have already been printed.

Scale 1 : 250,000 (1 cm.=5 kilometres ; 1 inch=8 miles).—The first six sheets of this series, embracing the area from the Mediterranean sea to El Fashn, have already been printed. Price, 100 milliemes per sheet.

Scale 1 : 1,000,000 (1 cm.= 10 kilometres ; 1 inch=16 miles).—The six sheets of this map, covering the whole of Egypt, have now been published. The names are in English. The price of each sheet is 50 and 65 milliemes for paper and cloth editions respectively, or the whole can be obtained mounted on cloth, varnished, and fitted with rollers for 550 milliemes.

## Special Maps on Various Scales.

Map of Cairo and Environs (†), 1 sheet, scale 1 : 75,000. Price, mounted and folded for the use of tourists, 100 milliemes.
Map of the Delta (*), 4 sheets, scale 1: 200,000. Price, 75 milliemes per sheet, or the complete map mounted on cloth, varnished, and fitted with rollers, 700 milliemes.
The same map in English but on scale 1 : 250,000 at the same price.
Map of the Delta (†), 4 sheets, scale 1 : 200,000, showing telephone lines. Price as the one above.
Lower Egypt and Fayûm (†), scale 1 : 250,000, mounted on rollers, price 850 milliemes.
Lower Egypt and the Fayûm, 1913 (latest edition) (†), 1 sheet, scale 1 : 500,000. Price 100 milliemes.
Lower Egypt, showing lines of communication (†), 1 sheet, scale 1 : 500,000.
Map of Menufia mudiria (*), scale 1:50,000, in two sheets mounted together on cloth and fitted with rollers. Price, 850 milliemes.
Kharga Oasis (†), 1 sheet, scale 1 : 500,000.
Dakhla Oasis (†), 1 sheet, scale 1 : 500,000.
Baharia Oasis (†), 1 sheet, scale 1 : 500,000.
Farafra and Iddalia Oases (†), 1 sheet, scale 1 : 500,000.
Provisional map of the Eastern Desert of Egypt, East Qena-Aswân to Red Sea (†), 20 sheets, scale 1 : 100,000.
Provisional map of the Eastern Desert of Egypt, between Qus, Sayala, and Red Sea (†), 2 sheets, scale 1 : 500,000.
Provisional map of a part of the Eastern Desert Oilfield (†), 1 sheet, scale 1 : 100,000. Price, 100 milliemes on paper and 150 milliemes on cloth.
Mersa Matruh chart (†), 1 sheet, scale 1 : 4,500.
Mersa Matruh topographical map (†), 1 sheet, scale 1 : 10,000.
Mersa Matruh and Ras Allam Rum (†), 2 sheets, scale 1 : 25,000.
Aqaba-Rafa, 1906 (*†), 3 sheets, scale 1 : 100,000.
Aqaba-Rafa, 1906 (*) (†), 1 sheet, scale 1 : 500,000 (paper, 25 milliemes ; cloth, 40 milliemes).
The Nile Valley from Aswân to Sudan boundary (†), 1 sheet, scale 1:250,000.
Port d'Alexandrie (French), 3 sheets, scale 1 : 4,000.

## ATLASES AND SCHOOL-MAPS.

The following Wall Maps and Atlases, published in Arabic for use of schools, etc., by the Survey Department on behalf of the Ministry of Education, are on sale at the undermentioned prices:—

### Wall Maps.

*Supplied printed in colours, mounted and fitted with rollers.*

| Ref. No. | TITLE. | SCALE. | SIZE. | PRICE. |
|---|---|---|---|---|
| | | | Metres. | M.lls. |
| 1 | Lower Egypt* ... ... ... ... ... ... ... ... ... | 1 : 200,000 | 1·90×1·78 | 700 |
| 2 | Orographical Map of the Nile Basin* ... ... ... (*New and revised edition.*) | 1 : 2,500,000 | 1·35×1·75 | " |
| 3 | Political Map of Egypt* ... ... ... ... ... ... | 1 : 750,000 | 1·75×1·75 | " |
| 4 | Political Map of Africa ... ... ... ... ... ... | 1 : 6,000,000 | 1·75×1·85 | " |
| 5 | Physical Map of Africa ... ... ... ... ... ... | 1 : 6,000,000 | 1·75×1·85 | " |
| 6 | Political Map of Asia ... ... ... ... ... ... ... | 1 : 6,000,000 | 2·05×1·85 | " |
| 7 | Physical Map of Asia ... ... ... ... ... ... ... | 1 : 6,000,000 | 2·05×1·85 | " |
| 8 | Map of Western Europe ... ... ... ... ... ... | 1 : 1,500,000 | 2·25×1·85 | " |
| 9 | Map of the Mediterranean Basin ... ... ... ... | 1 : 3,000,000 | 1·80×1·20 | 500 |
| 10 | Political Map of Europe ... ... ... ... ... ... | 1 : 3,000,000 | 2·25×1·85 | 700 |
| 11 | Physical Map of Europe ... ... ... ... ... ... | 1 : 3,000,000 | 2·25×1·85 | " |
| 12 | The World on Mercator's Projection ... ... ... | — | 2·05×1·85 | " |
| 13 | Western Hemisphere ... ... ... ... ... ... ... | — | 1·65×1·80 | " |
| 14 | Eastern Hemisphere ... ... ... ... ... ... ... | — | 1·65×1·80 | " |
| 15 | Physical Map of the British Isles ... ... ... ... | 1 : 750,000 | 1·75×1·75 | " |
| 16 | Political Map of North America ... ... ... ... | 1 : 6,000,000 | 2·05×1·85 | " |
| 17 | Physical Map of North America ... ... ... ... | 1 : 6,000,000 | 2·05×1·85 | " |
| 18 | Political Map of South America ... ... ... ... | 1 : 6,000,000 | 2·05×1·85 | " |
| 19 | Physical Map of South America ... ... ... ... | 1 : 6,000,000 | 2·05×1·85 | " |
| 20 | Political Map of Australia ... ... ... ... ... ... | 1 : 6,000,000 | 2·05×1·85 | " |
| 21 | Physical Map of the Basin of Pacific Ocean ... ... (*This map shows the new Panama Canal and its relations to the Pacific ports.*) | 1 : 5,000,000 | 2·05×1·85 | " |
| 22 | The Ottoman Empire and Neighbouring Countries. (*Political Map showing the Boundaries as they were before the recent war.*) | 1 : 5,000,000 | 1·35×1·20 | 500 |
| | **Atlases.** | | | |
| 23 | Elementary Atlas of Egypt (third edition) ... ... | — | — | 50 |
| 24 | Atlas of the World, Part I †... ... ... ... ... ... *Contains the following maps:— Egypt, the Anglo-Egyptian Sudan, Africa Political, Africa Physical, 8 half-page maps of Africa, Asia Political, Asia Physical. The Ottoman Empire and Neighbouring Countries, and Europe Political.* | — | — | 200 |
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* An English edition of the first three maps is also obtainable.

† A limited edition of Part I has been printed on superfine paper and the price is 250 milliemes a copy.

The following Atlas is in preparation, and will be published during 1914.

Atlas of the World, Part III, will contain the following maps :—

Four half-page maps of North America, four half-page maps of South America, the Eastern Hemisphere Physical, the Western Hemisphere Physical, the Basin of the Pacific Ocean, Australia Political, Ancient Egypt (2 maps), and single-page maps of the world showing Rainfall in January and in July, and Temperature in January and in July.

The half-page maps of North and South America will show the Minerals, Industries, Vegetation and Agriculture respectively of each Continent.

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A number of maps have been published in the various Geological reports. Further information may be obtained under the respective headings in the list of Geological Reports, pp. VII and VIII.

## PUBLICATIONS.

The following is a general list of the publications of the Survey Department, and a few others which are for sale at the Headquarters of the Department, Giza (Mudiria), and at the Geological Museum, Public Works Ministry Gardens, Cairo. A booklet giving full details can be obtained, on application either personally or by letter.

Except where specially stated, the publications are 8vo, and in English, and are supplied post free by the Department. They can also be obtained through any bookseller.

### Archæology.

ARCHÆOLOGICAL SURVEY OF NUBIA.

BULLETIN 1.—Dealing with the work (archæological and anatomical) from September 20 to November 30, 1907. English. 39 pp., 27 illustrations. (Out of print.)

BULLETIN 2.—Dealing with the work (archæological and anatomical) from December 1, 1907, to March 31, 1908. English. 69 pp., 52 illustrations. Price, 100 milliemes.

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BULLETIN 7.—Dealing with the work (archæological and anatomical) from November 1, 1910, to February 28, 1911. English. 19 pp., 3 illustrations. Price, 100 milliemes.

ANNUAL REPORT OF THE ARCHÆOLOGICAL SURVEY OF NUBIA, SEASON 1907-8. VOL. I: by GEORGE A. REISNER. Price, with volume of plates, L.E. 2.

ANNUAL REPORT OF THE ARCHÆOLOGICAL SURVEY OF NUBIA, SEASON 1907-8. VOL. II: Report on the Human Remains, by Dr. G. ELLIOT SMITH, F.R.S., and Dr. F. WOOD JONES. Price, with volume of plates, L.E. 2.

ANNUAL REPORT OF THE ARCHÆOLOGICAL SURVEY OF NUBIA, SEASON 1908-1909, by C. M. FIRTH. VOL. I: REPORT ON THE WORK AND CATALOGUE OF GRAVES. VOL. II: Plates and Plans. Price, L.E. 2 the two volumes.

PHILÆ—REPORT ON THE ISLAND AND TEMPLES OF, by CAPT. H. G. LYONS, with introductory note by W. E. GARSTIN. 1896. English. 67 pp., 78 illustrations. (Out of print.)

PHILÆ—REPORT ON THE ISLAND AND TEMPLES OF, by CAPT. H. G. LYONS. 1908. English. 4to, 32 pp., 14 illustrations. Price, 200 milliemes.

## Geography.

RIVER NILE AND ITS BASIN—PHYSIOGRAPHY OF THE, by CAPT. H. G. LYONS. 1906. 411 pp., 14 maps, 34 illustrations. Price, 400 milliemes.

ANNUAL REPORT OF THE ARCHÆOLOGICAL SURVEY OF NUBIA, SEASON 1908-1909, by C. M. FIRTH. VOL. I: REPORT ON THE WORK AND CATALOGUE OF GRAVES. VOL. II: Plates and Plans. Price, L.E. 2 the two volumes.

TURCO-EGYPTIAN BOUNDARY BETWEEN THE VILAYET OF THE HEJAZ AND THE PENINSULA OF SINAI—THE DELIMITATION OF THE, by E. B. H. WADE, together with additions by B. F. E. KEELING and J. I. CRAIG. 1906. (Survey Department Paper, No. 4.) 89 pp., 2 maps. Price, 150 milliemes. *See also* Geology.

## Geology.

ABU ROASH, NEAR THE PYRAMIDS OF GÎZA—CRETACEOUS REGION OF, by H. J. L. BEADNELL. 1902. 48 pp., 2 maps, 19 illust. Price, 200 milliemes.

ARSINOITHERIUM ZITTELI (Beadnell), FROM THE UPPER EOCENE STRATA OF EGYPT—PRELIMINARY NOTE ON, by H. J. L. BEADNELL. 1902. 4 pp., 6 illustrations. Price, 50 milliemes.

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