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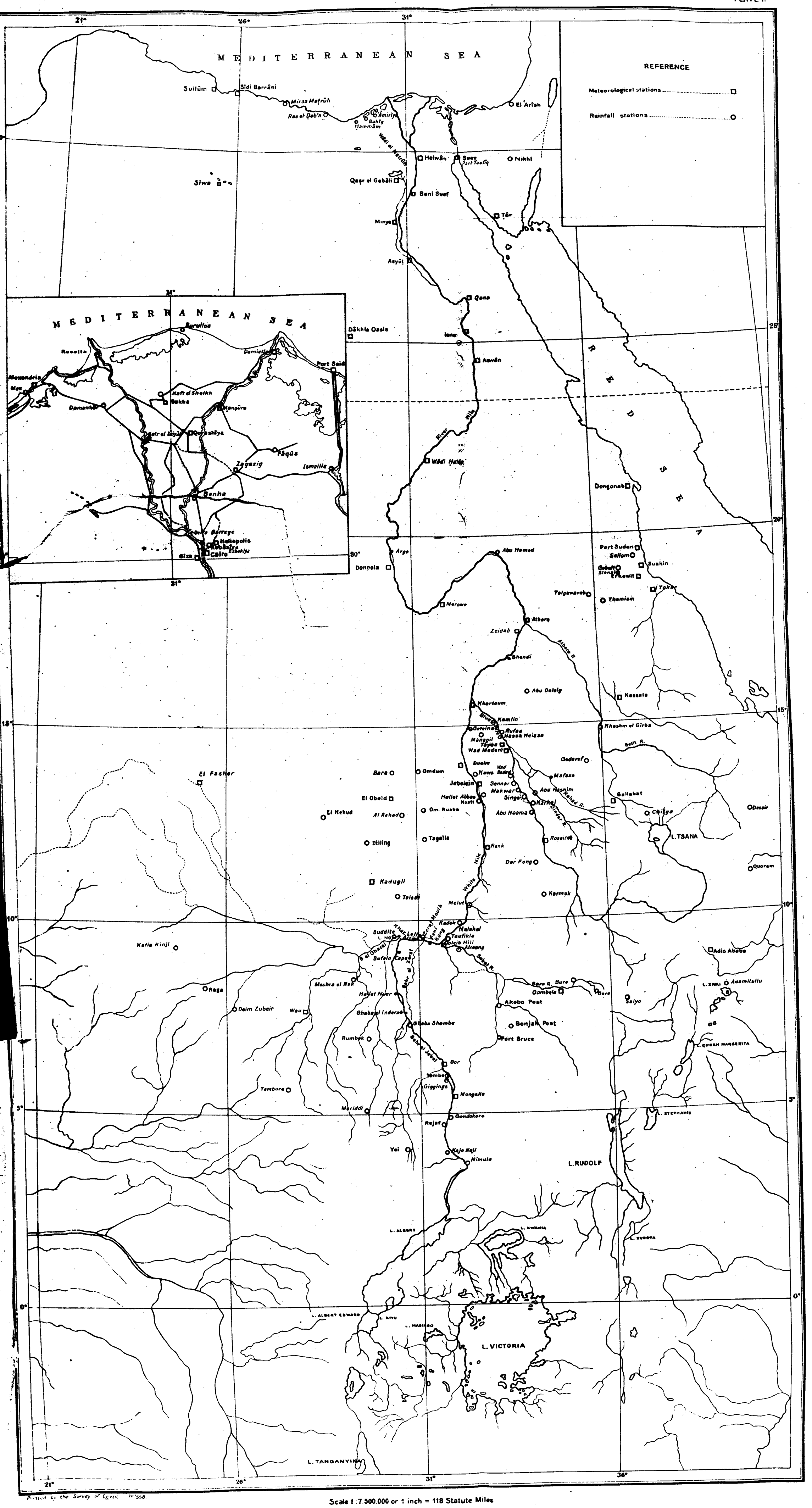
MAP SHOWING METEOROLOGICAL AND RAINFALL STATIONS

PLATE I.



Printed by the Survey of Egypt 50/558.

ERRATA.

Annual Report for 1913.

Page 53. Vapour Pressure, for "30 h." read "20 h."

,, 193. Beni Suef. Column 2, Mean Temperature, for "18·3" read "20·0."

,, 202. No. 31 Beni Suef. Temperature, mean, for "18·3" read "20·0" and Temperature, mean minimum, for "10·0" read "10·9."

Annual Report for 1914.

Page 28. Northerly Component in August, hour 11, for "+1" read "—1."

,, 28. Northerly Component in October, hour 15, for "+12" read "+2."

,, 33. April 6 and 7 in Declination, 2nd line, for "Maximum" read "Minimum."

,, 33. October 28 and 29 in Horizontal Intensity, correct as follows :—

Two Maxima 0·30029 at 4 h. 22 m. on October 28 and at 6 h. 50 m. on October 29.

Minimum 0·29901 at 20 h. 3 m. on October 28.

Range 128 γ.

,, 55. Tor, Vapour Pressure, for "30 h." read "20 h."

CONTENTS.

	Page.
Introduction and Explanation of the Tables.	VII
The Weather of Egypt during 1916	XI
Differences from Normal by Districts ...	XII

Helwân Observatory :—

Standard Pressure	3
Temperature	6
Relative Humidity	9
Vapour Pressure	11
Wind Velocity and Direction	13
Clouds	16
Actinometric Observations	19
Duration of Sunshine	20
Rainfall	21
Evaporation...	22
Miscellaneous Phenomena	23
Climatological Factors	24
Terrestrial Magnetism	25

Monthly Bulletins :—

Alexandria (Kom el Nadûra)	34
Khartoum (Gordon College)	40

Monthly Summaries :—

Candia and Damietta	48-49
Port Said and Alexandria (Kom el Nadûra)	50-51
Sakha and Mansûra	52-53
Qurashîya and Zagazig	54-55
Benha and Heliopolis	56-57
Abbâsîya and Cairo (Ezbekîya)	58-59

Monthly Summaries (*continued*) :—

	Page.
Gîza and Suez	60-61
Helwân and Qasr el Gebali	62-63
Beni Suef and Tor	64-65
Minya and Asyût	66-67
Qena and Esna	68-69
Aswân and Wadi Halfa	70-71
Dongonab and Port Sudan	72-73
Dongola and Suakin	74-75
Gebeit and Erkowit	76-77
Merowe and Tokar	78-79
Atbara and Zeidab	80-81
Khartoum (Research Farm) and Khartoum (Gordon College)	82-83
Kassalla and Tayiba	84-85
Wad Medani and Dueim	86-87
El Obeid and Singa	88-89
Gallabat and Roseires	90-91
Kadugli and Malakal	92-93
Kafia Kingi and Doleib Hill	94-95
Gambela and Wau	96-97
Mongalla and Harrar	98-99

Yearly Summary :—

Duration of Sunshine at Alexandria, Port Said, Qurashîya, and Khartoum	104-105

Rainfall Tables for Stations in :—

Lower Egypt	108-109
The Sudan	110-119
Abyssinia	119

INTRODUCTION AND EXPLANATION OF THE TABLES.

The procedure adopted in the 1915 Annual Report of omitting for the sake of economy a considerable amount of detailed information, namely the bulletins of second and third order stations except those of Alexandria and Khartoum, is followed in this report. Although not printed the full observations from each station are available for anyone who wishes to consult them, and copies will be sent to anyone desirous of investigating any point more fully than can be done from the data here published.

PART I. HELWAN OBSERVATORY.

The first part of the report contains the observations made under the supervision of Mr. H. Knox-Shaw at Helwân Observatory, which is the first order station for Egypt. They are presented in the same manner as in former years.

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

PRESSURE.—A Sprüng-Fuess barograph standardised by comparison with a Fuess station barometer which has itself been compared with a normal barometer. A Richard large scale aneroid barograph has been used on the few occasions of failure of the Sprüng-Fuess.

TEMPERATURE AND HUMIDITY.—Callender recorders with open wound platinum thermometers standardised by comparison with mercury thermometers; as auxiliary recorders Richard thermograph and hygrograph.

WIND.—A Kew pattern 9-inch cup anemograph, the height of the cups being twenty metres above ground level. The factor 2·2 is used in the reduction.

DURATION OF SUNSHINE.—A Campbell-Stokes Sunshine recorder. As is usual with these instruments even on a perfectly clear day there is a considerable interval both after sunrise and before sunset when the sun's rays are not powerful enough to burn the card. The recorded percentage of possible hours of sunshine is thus always less than the actual.

EVAPORATION.—A Wild evaporimeter in a double-louvred screen. Experiments have been made (*see* "Evaporation in Egypt and the Sudan," Survey Department Paper No. 15, by B.F.E. Keeling) connecting such measures of evaporation with the evaporation from open surfaces of water under various conditions.

EXPOSURE OF INSTRUMENTS.—The standard instruments are exposed in double-louvred screens of the Egyptian pattern, similar to those used in the second and third order stations in Egypt, except that the latter are rather smaller and in most cases single-louvred. Comparisons made in the past have shown that the temperatures recorded in these screens agree very closely with those given by the Assmann ventilated psychrometer, and further comparisons are being carried out.

TERRESTRIAL MAGNETISM.—A set of Watson magnetographs standardised 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.—Observations were discontinued from the beginning of 1915. The electrograph had been running for eight years.

GENERAL.—Those mean-for-the-day values of Temperature, Relative Humidity and Vapour Pressure which are 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 part of the report are Helwân local time, which is two hours and five minutes fast on Greenwich mean time.

Normal values for Helwân Observatory will be found in the Annual Meteorological Report for 1910, Part I.

PART II. SECOND AND THIRD ORDER AND RAINFALL STATIONS.

The observations contained in this part of the report were taken under the supervision of Mr. H.E. Hurst as Director of the Meteorological Service.

MONTHLY BULLETINS in the form agreed on by the International Meteorological Committee In 1879 are given for Alexandria and Khartoum, the observations taken at the other stations being published in the form of *Monthly Summaries* only. A *Yearly Summary* is also given including observations from the Cyprus stations, which by arrangement with the British Meteorological Office are reduced fn this office for publication in the Cyprus blue-book. The report also contains tables of the duration of sunshine for those stations equipped with sunshine recorders, and *Rainfall Tables* for a number of stations in Lower Egypt, the Sudan and Abyssinia.

The stations for which Monthly Summaries are published are given in the following table, and their positions are shown on the map printed as a frontispiece.

STATIONS.	Order of Station.	Year of Commencement.	Latitude.		Longitude.		Altitude.	OBSERVATIONS MADE OR SUPPLIED BY
			°	′	°	′	m.	
Candia	II	1908	35	20	25	8	27·1	Prof. N. Nysterakis.
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 (Kôm el Nadûra) ...	II	1871	31	12	29	53	32	Officer of Ports and Lighthouses Administration.
Sakha	III	1907	31	7	30	57	6	Engineer, Domains Administration.
Mansûra	III	1914	31	3	31	23	7	Headmaster, Farm School.
Qurashiya	II	1907	30	51	31	7	7·6	Engineer, Domains Administration.
Zagazig	II	1913	30	35	31	30	11·2	L'Ingénieur en Chef de la Municipalité.
Benha	III	1912	30	28	31	11	13·6	Messrs. E. Mallison and Co.
Heliopolis	III	1908	30	6	31	19	41	Clerk of the Heliopolis Oasis Co., Ltd.
Abbasiya	II	1867	30	5	31	17	29·9	Physical Department Staff.
Cairo (Ezbekîya)	III	1909	30	3	31	15	22	Physical Department Staff.
Giza	II	1902	30	2	31	13	27·6	Survey Department Staff.
Suez	II	1886	29	56	32	33	3·4	Official, Suez Canal Company.
Helwân	I	1904	29	52	31	20	115·6	Observatory Staff.
Qasr el Gebali	III	1907	29	29	30	38	7·6	Engineer, Domains Administration.
Beni Suef	III	1901	29	3	31	6	28·4	Irrigation Department Staff.
Tôr	II	1905	28	14	33	37	1·9	Official, Quarantine Station.
Minya	III	1907	28	6	30	46	43	Mudiriya Staff.
Asyût	II	1900	27	11	31	13	55·4	Asyût Barrage Staff.
Qena	III	1913	26	10	32	43	73	Qena Mudiriya Staff.
Esna	III	1907	25	18	32	34	82	Irrigation Department Staff.
Aswân	II	1900	24	2	32	53	90·6	Aswân Reservoir Staff.
Wadi Halfa	II	1900	21	55	31	19	126·3	Medical Officer, Egyptian Army.
Dongonab	III	1908	21	6	37	8	5	Clerk of the Marine Biologist.
Port Sudan	II	1905	19	37	37	13	5·5	Civil Medical Officer.
Dongola	III	1911	19	8	30	28	236	Medical Officer, Civil Hospital.
Suakin	III	1900	19	7	37	20	4·5	Medical Officer, Egyptian Army.
Gebeit	III	1916	18	56	36	51	800	General Manager, Sudan Government Railways, Atbara.
Erkowit	III	1908	18	50	37	6	1093·5	Mamur of Erkowit.
Merowe	II	1905	18	29	31	50	255·1	Medical Officer, Egyptian Army.
Tokar	III	1913	18	25	37	40	18	Supt. of Agriculture, Red Sea Province.
Atbara	II	1902	17	40	33	58	354·5	Medical Officer, Egyptian Army.
Zeidab	III	1913	17	23	33	55	365	Manager of Sudan Plantations Syndicate.
Khartoum (Research Farm) ...	III	1913	15	40	32	34	390	The Principal, Central Research Farm.
Khartoum (Gordon College) ...	I	1908	15	37	32	33	390	Gordon College Staff.
Kassala	II	1900	15	28	36	24	507·8	Medical Officer, Egyptian Army.
Tayiba	III	1913	14	20	33	23	410	Inspector, Gezira Agricultural Station.
Wad Medani	II	1900	14	24	33	31	407·6	Medical Officer, Egyptian Army.
Dueim	II	1902	14	0	32	20	383·3	Civil Medical Officer.
El Obeid	II	1901	13	11	30	14	568·9	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	762·5	Medical Officer, Egyptian Army.
Roseires	II	1904	11	51	34	23	469·9	" " " "
Kadugli	III	1910	11	2	29	45	503	Mamûr and Clerk of Markaz.
Malakal	II	1915	9	35	31	37	393·6	Medical Officer, Egyptian Army.
Kafia Kingi	III	1910	9	22	24	8	596	Mamûr of Kafia Kingi.
Doleib Hill	III	1903	9	18	31	38	† 391	American Mission Staff.
Gambela	III	1908	8	15	34	35	410	Supt., Gambela Custom.
Wau	II	1902	7	42	28	3	* 440	Medical Officer, Egyptian Army.
Mongalla	II	1903	5	11	31	47	† 439	" " "
Harrar	III	1908	9	42	42	30	1850	J. Gerolimato, Esq., C.M.G.

The altitudes given are those of the station barometer found by levelling.

* Barometric altitude.

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

The following symbols and conventions have been employed :—

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

● = rain.
✱ = snow.
▲ = hail.
⸝ = gale.
< = lightning (without thunder).
⊤ = thunder (without lightning).
ꓘ = 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.

For the designation of time in the remarks :

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

Figures based on incomplete information have been printed in italics. The extreme readings are indicated by **heavy type.**

The observations are taken at 8^h, 14^h and 20^h Egyptian standard time, which ist wo hours fast on Greenwich mean time. The maximum temperature is read at 20^h at second order stations ; at third order stations it is read at 8^h and entered as for the previous day. The minimum temperature is read at 8^h and entered as for the same day. The rainfall and the evaporation are recorded at 8^h and entered as for the previous day. All observations have been corrected for instrumental errors.

With the depletion of staff during the war, inspection of stations became increasingly difficult, and fewer inspections were made even than in 1915.

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.	$(8^h + 14^h + 20^h + \text{min.})/4$	$(8^h + 20^h)/2$	$(8^h + 14^h + 20^h)$
Twice „	$(8^h + 20^h)/2$	„	$(8^h + 20^h)/2$
Once „	(Max. + Min.)/2	8^h	—

Corrections to the means so derived to reduce them to true daily means have been published as follows :—for Abbâsîya in the Introduction to the Annual Meteorological Report for 1905, Part II, for Helwân in that of the Report for 1910, Part I, and for Khartoum in that of the Report for 1911, Part II.

Normal values for the various stations will be found in the Annual Meteorological Report for 1907, Part II. In many cases these are based on only a very few years of observation, and it is intended in the next annual report to publish values based on more extended series of observations.

PRESSURE.—The barometric readings have been reduced to 0°C and mean gravity, *i.e.* the published figures are standard pressure, as in Part I of this report. The mean reduction to mean sea-level for the month or for the year is given at the top of the tables for the various stations.

HUMIDITY.—In computing humidities, Jelinck's Psychrometertafeln (Leipzig 1911) 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 to fall below 10 or even 5 per cent, on which occasions an extension of the tables based on the same formula is employed.

WIND.—The wind force is given throughout the report in terms of numbers on the Beaufort Scale irrespective of whether the wind has been estimated or measured by an anemometer, except in the monthly bulletins of Helwân and Alexandria where the actual velocity is given. Where the wind force is estimated, the values in many cases appear to be higher than would be expected on comparison with the values for stations similarly situated, where the force is obtained by conversion of anemometer readings. There is probably a general tendency on the part of observers to over-estimate wind force, and of anemometers to record too low, chiefly owing to the difficulty of obtaining good exposures for them. The following table gives the adopted conversion from this scale to kilometres per hour and miles per hour :—

Scale 0–10.	Kilometres per hour.	Miles per hour.
0	0– 2	0– 1
1	2– 7	1– 4
2	7–14	4– 9
3	14–21	9–13
4	21–29	13–18
5	29–38	18–24
6	38–47	24–29
7	47–57	29–35
8	57–69	35–43
9	69–82	43–51
10	82–96	51–60

At the following stations the wind recorded is that measured by anemometers, which, except for Alexandria, were of the Robinson Cup pattern. At the other stations the wind was estimated.

List of Stations equipped with anemometers during 1916.

Candia	Qurashîya	Helwân	Wadi Halfa	Malakal
Alexandria	Gîza	Tor	Dongonab	Mongalla.

The observations at Alexandria are from a Dines Pressure Tube anemometer which is known to have been recording too low.

EVAPORATION.—The evaporation is measured in a screen with either a Wild or a Piche evaporimeter. The particular instrument employed is mentioned in the case of each station. The figures given are those actually measured by the instrument at the station. The factors to convert from one instrument to the other and to the evaporation from a surface of open water depend on the particular type of screen in use.

An account of some experiments on this point is given in "Evaporation in Egypt and the Sudan," by B.F.E. Keeling, Survey Department Paper No. 15 (1909). Further experiments are being carried out, as evaporation is a very important element in Egypt. An approximate factor for conversion from evaporation measured with a Wild evaporimeter to that measured with a Piche is 1.4.

SUNSHINE.—The duration of sunshine was measured at Alexandria, Port Said, Qurashîya and Khartoum by means of Campbell-Stokes sunshine recorders and the results are given in separate tables.

EXPOSURE OF INSTRUMENTS.—The thermometers and evaporimeters are exposed in louvred screens, full descriptions of which are given in "Instructions for Meteorological Observers in Egypt and the Sudan." The type in use in Egypt is louvred on three sides but open to the north except for wire gauze; in the Sudan type there are louvres on all four sides. The type in use at most of the Egyptian stations differs from the standard screen at Helwân Observatory in being slightly smaller and in being single-louvred instead of double-louvred. A few of the Egyptian stations have double-louvred screens. Comparisons in the past with an Assmann ventilated psychrometer have shown that the temperatures in all these screens differ but very slightly from those given by the psychrometer. The type of screen seems however to have a larger effect on the evaporation recorded and further experiments are being carried out to determine how large this is.

February, 1921.

H. KNOX-SHAW,
Director, Meteorological Service.

THE WEATHER OF EGYPT DURING 1916.

JANUARY.—During most of the month the Delta was under the influence of depressions over the Mediterranean, resulting in strong winds, a velocity of 100 kms/hr. being recorded at Alexandria on the 25th. The maximum temperature was below normal, but except for the last week during which the temperature fell to zero at Gîza and hoar frost was observed on the ground, the minimum temperature was above normal. Rainfall was considerably above normal.

FEBRUARY.—Pressure and temperature were above normal and the pressure system was very little disturbed by depressions. No exceptionally hot or cold days were experienced. On a few occasions only, for short periods, strong northerly winds occurred on the coast. Rainfall was below normal, and the humidity during the month above normal.

MARCH.—Temperatures were above normal practically throughout the month, and on four occasions very high maximum temperatures were reached, as much as 15°C above normal being attained at Helwân on the 29th. These heat waves were associated with southerly winds caused by the advance of depressions along the coast. The pressure was below normal through Egypt and the Sudan, and except over Middle Egypt the rainfall also was below normal.

APRIL.—The weather during the month was often disturbed by depressions crossing the Mediterranean, that of the 13th being very deep and followed by strong northwesterly winds. Temperatures for the first three weeks were about normal, but subsequently were considerably above normal, the period 23rd to 26th being exceptionally hot. For the month the temperature was above normal, while the pressure and rainfall were below normal.

MAY.—The weather during most of the month was anticyclonic. During the period 13th to 17th an extensive low-pressure area developed and remained stationary west of Egypt, with an area of high-pressure situated to the east. The temperature gradually increased until on the 17th a maximum temperature of 46°C was reached at Helwân, and 45° in Cairo. This is the highest on record for May. On the passage of the depression cold northeast winds blew and there was a rapid fall in temperature. For the month pressure and temperature were both above normal. There was no rain.

JUNE.—The month was exceptional in the matter of temperature; except for a few days in the early part of the month the temperature was continuously above normal. Middle Egypt was more affected by the hot weather than the coastal regions. The mean temperature in Cairo was the highest recorded for the last sixteen years. The mean pressure and humidity were both below normal.

JULY.—The weather was of a settled character. During the first half of the month the pressure was below normal and the temperature was above normal. Higher pressure during the remainder of the month was accompanied by cooler weather, although the mean-of-day temperature remained above normal. On the whole pressure and humidity were below normal, and temperature above.

AUGUST.—The weather was settled and cool with the pressure above normal, except on a few occasions, and no extreme temperatures were recorded. The mean temperature and humidity during the month were slightly below normal.

SEPTEMBER.—The temperature for the first three weeks was about normal, but the last week was much cooler. For the whole month, pressure humidity and mean temperature were all approximately normal.

OCTOBER.—The weather was settled and cool. The pressure was considerably above normal and the temperature below. The mean humidity except on the coast was above normal. There was no rain.

NOVEMBER.—The mean pressure was below normal, and except during the first week temperatures were above normal. With the exception of a short break, the remainder of the month was exceptionally hot. Over Lower Egypt a local disturbance caused rain and thunderstorms on the 2nd, 3rd, and 4th, and during the passage of a heat-wave thunderstorms with heavy rain were experienced between Aswân and Qena from the 20th to the 22nd, a very unusual occurrence in those regions. Temperature and rainfall were above normal.

DECEMBER.—The exceptionally warm weather which commenced early in November was maintained during the whole of this month. The weather was very settled and there was a striking absence of the usual depressions. Pressure and rainfall were both below normal. The mean temperature for the month was much above normal.

THE YEAR.—The mean pressure was normal on the coast. Throughout the rest of Egypt and the Sudan, except in the south, it was below normal. The temperature throughout Egypt was above normal, in the Sudan it was below. The rainfall, except on the coast, was considerably above normal, being nearly 50 per cent above normal in South Sudan.

Differences from Normal by Districts.

1916.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
						PRESSURE IN MILLIMETRES.							
1. Mediterranean Coast	+0·20	+0·95	−1·50	−1·00	+0·40	−1·45	−0·35	+0·90	−0·05	+2·55	−0·20	−0·40	0·00
2. Middle Egypt	−0·50	+0·10	−2·80	−1·63	−0·07	−2·17	−1·17	+0·23	−0·90	+1·67	−1·27	−1·67	−0·85
3. Upper Egypt...	+0·60	−0·50	−2·27	−1·80	−0·70	−2·80	−1·60	−0·20	−0·57	+1·27	−1·43	−1·53	−0·96
4. North Sudan...	+1·18	−0·52	−1·35	−1·35	−0·42	−1·02	−0·92	0·00	−0·22	+0·25	−1·02	−1·02	−0·53
5. Red Sea	+0·30	+0·10	−1·00	−1·30	−0·80	−2·10	−1·70	−0·10	−0·90	+0·20	−0·80	−1·50	−0·80
6. Central Sudan	+1·27	−0·57	−1·10	−1·17	−0·70	−1·37	−1·07	−0·30	−0·43	−0·07	−1·20	−1·00	−0·64
7. South Sudan...	+1·07	−0·77	−0·97	−0·13	+0·30	−0·43	+0·23	+0·53	+0·60	+0·60	−0·13	+0·40	+0·11
						TEMPERATURE (MAXIMUM + MINIMUM) /2 IN DEGREES CENTIGRADE.							
1. Mediterranean Coast	−0·2	+0·7	+2·0	+1·0	+1·4	+1·8	+1·4	−0·2	+0·2	−0·8	+1·6	+2·4	+0·9
2. Middle Egypt	−0·8	−0·1	+2·5	+0·6	+1·0	+2·4	+0·8	−1·0	−0·6	−1·6	+1·6	+2·1	+0·6
3. Upper Egypt...	−1·5	+0·8	+3·1	−0·5	+0·7	+1·7	+1·4	+0·3	−0·7	−1·5	+2·0	+1·6	+0·6
4. North Sudan...	−2·5	0·0	+1·1	+1·2	+0·1	−0·2	−0·6	−1·2	−0·9	−0·7	+0·6	+0·4	−0·2
5. Red Sea	−1·5	−1·2	+0·6	+0·4	+0·2	+2·2	+2·9	+0·9	+0·2	−0·1	+0·2	+0·6	+0·4
6. Central Sudan	−1·9	0·0	+0·4	+0·8	−0·6	−0·6	−0·9	−0·4	−0·6	−1·3	−1·0	−0·9	−0·6
7. South Sudan...	−1·1	+0·3	+1·0	+1·0	+0·3	−0·3	−0·7	−0·9	−0·8	−0·3	−0·5	−0·8	−0·2
						RAINFALL IN MILLIMETRES.							Total
1. Mediterranean Coast	+41	+ 2	− 6	+12	− 5	− 1	0	0	− 1	− 9	−25	−33	− 25
2. Middle Egypt	+ 7	+ 2	+ 6	− 5	− 2	0	0	0	0	− 2	− 1	+ 6	+ 11
3. Upper Egypt...	—	—	—	—	—	—	—	—	—	—	—	—	—
4. North Sudan...	0	0	0	+ 5	0	+35	+23	+ 5	− 14	− 6	0	0	+ 48
5. Red Sea	− 9	− 6	− 2	0	+12	0	+ 3	+ 3	0	−11	+91	6	+ 75
6. Central Sudan	0	− 1	− 3	− 5	+ 7	+32	+17	+23	− 1	− 8	− 1	0	+ 60
7. South Sudan...	− 2	− 6	+ 4	+38	+ 2	+96	+73	+65	+110	+18	− 2	+28	+424

In the above table, the districts are represented by the following stations :—

DISTRICT.	STATIONS.
1. Mediterranean Coast	Alexandria, Port Said.
2. Middle Egypt	Qurashiya, Helwân, Giza.
3. Upper Egypt	Asyût, Aswân, Wady Halfa.
4. North Sudan	Merowe, Atbara, Khartoum, Kassala.
5. Red Sea	Port Sudan.
6. Central Sudan...	Wad Medani, El Obeid, Roseires.
7. South Sudan	Wau, Mongalla, Malakal.

These are essentially the same as in 1915.
For rainfall, the stations are much more numerous, all available rainfall stations being included.

HELWAN OBSERVATORY.

STANDARD PRESSURE

(in millimetres).

HELWAN.

1916.

The pressures published are Standard Pressures, *i.e.* they have been reduced to 0°C. and mean gravity, the correction which has been applied for reduction to mean gravity being — 1·00 m.m.

The height of the barometer above sea-level is 115·6 metres, and the following are the mean corrections for each month to be applied to reduce to pressures at sea-level.

Month.	Altitude Correction.
	m.m.
January	+ 10·45
February	+ 10·33
March	+ 10·10
April	+ 10·03
May	+ 9·89
June	+ 9·70
July	+ 9·70
August	+ 9·78
September	+ 9·88
October	+ 10·05
November	+ 10·07
December	+ 10·24

STANDARD PRESSURE.

MEAN OF DAY.

700 mm. +

1916.

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	54·15	54·98	51·52	46·84	50·19	50·16	46·28	48·41	46·93	49·86	49·54	52·02
2	51·36	54·52	46·63	46·73	50·79	50·54	44·28	48·74	49·36	49·40	47·71	52·85
3	47·93	55·80	45·31	48·10	49·83	48·47	45·03	48·35	49·22	50·18	46·74	53·27
4	49·15	55·64	44·55	49·27	49·20	46·53	46·78	47·44	47·65	51·12	49·58	52·70
5	52·31	55·65	45·65	50·09	50·27	46·20	45·88	47·16	47·87	52·60	52·88	52·00
6	54·10	55·40	46·56	50·50	51·33	49·08	44·80	46·77	49·03	53·10	52·51	51·82
7	51·72	52·71	45·51	48·24	50·18	48·84	45·19	45·38	48·80	51·89	51·02	50·27
8	49·32	46·72	48·57	46·57	49·46	47·32	46·52	45·22	47·95	51·10	51·04	50·55
9	56·41	49·32	47·07	46·07	49·91	46·58	46·51	47·89	47·69	51·25	51·28	52·18
10	57·60	54·32	48·10	46·37	50·37	47·29	45·78	48·58	47·48	52·00	51·85	53·25
11	55·96	51·92	49·01	45·95	49·04	46·57	43·62	47·20	47·67	52·13	51·31	54·18
12	52·59	52·57	51·01	41·42	47·03	44·80	42·59	45·75	48·87	52·33	50·80	52·68
13	47·10	55·44	51·31	37·83	49·10	43·51	42·95	45·34	49·30	53·10	50·45	51·68
14	50·40	53·31	52·13	45·59	45·09	43·47	43·90	46·61	48·42	52·40	49·95	53·07
15	54·41	50·92	51·36	50·77	45·34	44·23	45·09	47·88	48·25	51·25	51·30	54·10
16	53·70	50·94	50·28	50·22	45·12	45·71	45·18	48·87	48·02	52·05	53·92	54·40
17	53·21	51·97	47·26	48·82	46·00	46·43	44·62	47·16	48·57	54·12	53·63	54·49
18	55·49	52·74	47·75	49·59	50·98	45·32	45·98	45·32	48·52	54·65	52·53	53·19
19	55·88	50·98	48·48	53·10	49·65	44·58	48·25	46·23	49·24	53·64	52·84	53·29
20	55·77	49·74	49·98	53·12	49·16	45·01	47·03	47·46	49·01	54·00	53·30	54·02
21	57·83	51·23	50·61	52·55	49·69	44·37	45·02	46·22	48·06	55·44	52·10	52·57
22	55·67	51·76	51·47	50·02	50·62	43·28	44·95	46·51	47·23	55·52	51·85	50·64
23	51·08	53·67	51·53	48·58	51·49	43·70	45·46	46·86	47·55	53·94	51·31	49·27
24	51·10	55·81	51·24	48·27	50·76	44·05	45·11	46·15	49·79	53·12	51·02	50·19
25	53·17	50·39	51·60	48·74	49·72	44·38	44·62	46·66	51·29	53·47	50·55	51·35
26	54·99	54·84	49·88	47·12	49·11	44·46	45·52	46·64	50·47	53·61	49·93	50·72
27	53·83	51·18	48·43	49·48	48·82	44·17	46·30	45·92	48·92	52·55	49·92	50·77
28	56·57	50·01	48·40	48·21	48·20	44·87	45·95	45·66	48·51	52·66	50·82	51·66
29	57·39	51·67	48·80	49·04	47·04	46·04	45·74	46·80	49·82	53·33	52·30	52·54
30	55·91	—	47·81	49·85	48·51	47·48	46·34	47·69	50·69	54·29	52·35	53·88
31	55·41	—	47·45	—	49·60	—	47·74	46·37	—	53·18	—	53·90
Mean	53·60	52·83	48·88	48·24	49·07	45·91	45·45	46·88	48·67	52·69	51·21	52·37

STANDARD PRESSURE.

(In millimetres).

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1916.

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 ...	+0·05	+0·07	—0·02	—0·18	—0·17	—0·05	+0·17	+0·48	+0·76	+0·87	+0·58	+0·02	—0·44	—0·68	—0·79	—0·67	—0·56	—0·37	—0·09	+0·10	+0·23	+0·29	+0·23	+0·10	53·60
February ...	+0·10	—0·03	—0·12	—0·18	—0·17	+0·01	+0·25	+0·61	+0·84	+0·88	+0·77	+0·44	—0·09	—0·47	—0·67	—0·75	—0·69	—0·56	—0·35	—0·09	+0·04	+0·11	+0·11	+0·06	52·83
March ...	+0·22	+0·02	—0·17	—0·28	—0·22	—0·02	+0·29	+0·59	+0·78	+0·82	+0·66	+0·35	—0·03	—0·42	—0·69	—0·76	—0·73	—0·61	—0·44	—0·09	+0·12	+0·22	+0·20	+0·17	48·88
April... ...	—0·03	—0·19	—0·31	—0·32	—0·18	+0·04	+0·29	+0·57	+0·74	+0·80	+0·64	+0·30	—0·04	—0·35	—0·63	—0·78	—0·80	—0·68	—0·53	—0·09	+0·26	+0·44	+0·43	+0·31	48·24
May	+0·23	+0·12	—0·04	—0·01	+0·11	+0·27	+0·48	+0·67	+0·66	+0·62	+0·49	+0·19	—0·14	—0·48	—0·74	—0·95	—0·99	—0·90	—0·63	—0·22	+0·13	+0·37	+0·46	+0·41	49·07
June	+0·32	+0·21	+0·12	+0·13	+0·22	+0·35	+0·54	+0·68	+0·64	+0·54	+0·42	+0·12	—0·20	—0·51	—0·78	—0·99	—1·05	—0·97	—0·68	—0·25	+0·11	+0·38	+0·40	+0·34	45·91
July	+0·22	+0·09	+0·05	+0·04	+0·10	+0·27	+0·49	+0·63	+0·62	+0·60	+0·42	+0·17	—0·13	—0·47	—0·73	—0·92	—1·01	—0·90	—0·64	—0·24	+0·13	+0·42	+0·46	+0·36	45·45
August ...	+0·19	+0·12	+0·01	+0·02	+0·10	+0·30	+0·45	+0·62	+0·68	+0·67	+0·47	+0·18	—0·13	—0·49	—0·74	—0·89	—0·97	—0·93	—0·63	—0·20	+0·15	+0·34	+0·39	+0·26	46·88
Sebtember .	+0·13	+0·01	—0·07	—0·08	+0·02	+0·16	+0·32	+0·44	+0·52	+0·55	+0·33	+0·03	—0·27	—0·65	—0·81	—0·85	—0·83	—0·70	—0·36	+0·13	+0·48	+0·57	+0·56	+0·41	48·67
October ...	+0·15	+0·04	—0·10	—0·11	—0·03	+0·08	+0·32	+0·64	+0·76	+0·69	+0·41	+0·03	—0·39	—0·72	—0·88	—0·89	—0·77	—0·55	—0·19	+0·11	+0·28	+0·38	+0·37	+0·27	52·69
November .	+0·08	—0·01	—0·09	—0·14	—0·09	+0·09	+0·30	+0·58	+0·78	+0·76	+0·45	—0·06	—0·47	—0·68	—0·80	—0·71	—0·58	—0·41	—0·12	+0·16	+0·26	+0·29	+0·30	+0·18	51·21
December...	—0·02	0·00	—0·04	—0·17	—0·18	—0·01	+0·28	+0·60	+0·92	+0·92	+0·53	—0·02	—0·42	—0·66	—0·69	—0·64	—0·51	—0·34	—0·10	+0·07	+0·15	+0·18	+0·12	+0·03	52·37
Mean	+0·14	+0·04	—0·07	—0·11	—0·04	+0·12	+0·35	+0·59	+0·73	+0·73	+0·51	+0·15	—0·23	—0·55	—0·75	—0·82	—0·79	—0·66	—0·40	—0·05	+0·19	+0·33	+0·34	+0·24	49·65

TEMPERATURE (°C)

Mean of Day.

1916.

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	15·45	13·23	16·00	18·30	21·02	23·99	29·07	31·08	27·56	24·55	20·21	17·33
2	13·67	12·75	21·98	17·35	22·71	25·16	28·28	30·43	27·25	24·51	20·12	16·94
3	11·30	12·38	24·79	16·78	24·51	29·08	29·54	28·40	25·93	22·92	18·30	16·73
4	11·13	15·33	20·83	17·12	24·71	33·79	28·93	27·12	25·02	22·85	18·83	17·22
5	10·55	16·26	21·20	16·68	24·05	34·05	30·09	27·08	25·09	21·71	19·15	17·90
6	10·86	15·01	18·88	18·40	23·55	26·67	30·90	27·47	25·46	20·27	18·88	18·52
7	11·36	14·76	20·52	22·55	27·08	25·26	30·44	27·34	25·32	20·44	20·08	18·00
8	10·78	14·40	20·16	24·22	23·32	27·00	30·71	26·79	26·21	20·52	20·35	16·50
9	11·44	13·11	19·46	23·08	23·56	27·53	29·77	26·65	27·60	21·40	19·96	17·69
10	13·70	14·29	16·83	19·12	24·08	28·20	29·84	25·80	26·50	21·70	21·38	18·20
11	14·69	15·69	14·31	18·38	26·53	29·42	31·46	24·71	26·05	22·09	23·94	17·30
12	14·88	15·58	15·02	22·92	30·29	29·81	32·01	25·44	26·10	22·57	24·30	18·03
13	15·57	14·80	16·22	22·52	31·24	31·11	31·80	25·38	26·78	21·95	24·33	18·04
14	11·46	15·79	17·60	18·67	33·20	30·64	32·74	27·25	29·15	22·83	23·92	16·10
15	12·25	13·17	19·28	19·47	34·80	31·18	29·93	28·23	28·01	24·36	24·08	16·84
16	11·76	13·12	19·84	23·14	36·02	31·95	28·78	27·25	29·08	24·25	21·72	19·42
17	10·97	31·61	23·03	26·70	34·15	31·15	29·48	27·47	26·13	23·05	20·50	17·82
18	11·96	14·79	16·79	20·68	26·51	28·00	29·01	28·25	25·13	21·44	19·01	16·52
19	13·31	14·34	15·07	16·87	23·81	29·44	30·00	29·53	24·61	21·11	18·76	15·82
20	11·51	13·60	14·68	20·17	22·71	32·36	26·53	28·13	25·56	21·26	21·15	16·88
21	11·44	16·18	15·85	22·31	22·57	34·28	26·95	29·13	25·61	20·95	22·70	17·82
22	10·95	17·18	17·94	23·55	22·34	34·80	28·90	26·47	27·15	21·57	24·09	18·46
23	9·68	14·71	20·82	24·74	20·39	35·04	28·47	26·02	25·72	22·05	21·31	17·81
24	9·67	14·24	22·49	27·13	20·48	32·51	26·87	27·37	24·70	21·62	21·55	15·79
25	9·16	14·51	19·14	27·30	21·45	29·38	27·74	29·68	22·32	21·60	22·30	15·03
26	9·27	16·02	19·27	30·25	22·97	29·70	28·20	26·45	23·12	22·64	21·39	14·12
27	8·64	17·32	20·99	22·94	23·75	30·47	29·31	25·59	22·01	23·32	19·70	14·75
28	9·66	15·76	25·27	22·92	26·03	30·11	29·62	27·10	21·74	22·59	18·72	14·79
29	10·84	14·53	28·82	21·82	30·26	30·68	27·44	28·48	21·81	20·91	19·89	15·34
30	12·81	—	27·07	20·77	24·41	30·77	27·96	28·91	22·67	20·20	18·57	13·48
31	12·38	—	18·42	—	23·46	—	29·00	26·21	—	20·45	—	13·28
Mean	11·71	14·71	19·63	21·56	25·68	30·12	29·35	27·46	25·50	22·05	20·97	16·72

TEMPERATURE (°C).

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1916.

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 ...	−1·82	−2·12	−2·51	−2·68	−3·00	−3·06	−3·43	−3·03	−1·92	−0·29	+1·27	+2·64	+3·67	+3·97	+4·42	+3·82	+3·02	+2·04	+1·28	+0·65	−0·05	−0·53	−1·03	−1·28	11·71
February ...	−2·09	−2·63	−3·32	−3·54	−3·71	−4·02	−4·28	−3·27	−2·09	+0·08	+1·90	+3·25	+4·18	+4·37	+4·86	+4·60	+3·80	+2·69	+1·77	+0·86	+0·11	−0·64	−1·20	−1·77	14·71
March ...	−3·33	−3·74	−3·90	−4·54	−5·13	−5·27	−4·85	−3·37	−1·35	+0·55	+2·77	+3·97	+4·96	+5·40	+5·70	+5·49	+4·75	+3·68	+2·28	+1·05	+0·05	−0·87	−1·81	−2·54	19·63
April	−3·40	−4·14	−4·68	−5·35	−5·74	−5·94	−5·16	−3·27	−1·33	+0·71	+2·87	+4·37	+5·49	+5·94	+6·38	+6·01	+5·32	+4·22	+2·60	+0·98	−0·09	−1·05	−2·00	−2·68	21·56
May	−4·73	−5·45	−5·71	−6·23	−6·72	−6·43	−5·05	−3·14	−0·85	+1·42	+3·50	+4·99	+6·10	+6·64	+7·03	+7·12	+6·42	+5·18	+3·23	+1·36	−0·40	−1·81	−2·82	−3·73	25·68
June	−4·73	−5·57	−6·26	−6·95	−7·61	−7·11	−5·76	−3·75	−1·17	+1·54	+3·52	+5·18	+6·39	+7·03	+7·41	+7·39	+6·75	+5·61	+3·73	+1·82	−0·02	−1·29	−2·68	−3·52	30·12
July	−3·89	−4·62	−5·59	−6·10	−6·34	−6·36	−5·46	−3·94	−2·02	+0·34	+2·74	+4·08	+5·28	+6·06	+6·51	+6·50	+6·13	+5·16	+3·74	+2·30	+0·79	−0·52	−1·95	−2·92	29·35
August ...	−3·74	−4·25	−4·82	−5·36	−5·86	−5·96	−4·56	−3·05	−0·95	+1·06	+2·63	+3·88	+4·89	+5·40	+5·70	+5·71	+5·32	+4·53	+3·27	+1·80	+0·40	−0·94	−2·08	−3·06	27·46
September ..	−3·15	−3·60	−4·10	−4·4	−4·82	−5·06	−4·21	−2·55	−0·64	+1·03	+2·77	+4·02	+4·80	+5·22	+5·51	+5·21	+4·61	+3·44	+1·97	+0·83	−0·61	−1·55	−2·15	−2·73	25·50
October ...	−2·91	−3·44	−3·80	−4·16	−4·57	−4·71	−4·20	−2·24	−0·49	+1·48	+2·89	+3·85	+4·61	+5·09	+5·01	+4·72	+3·97	+2·76	+1·72	+0·53	−0·44	−1·21	−1·91	−2·44	22·05
November ..	−2·31	−2·69	−3·14	−3·61	−3·84	−3·93	−3·94	−2·75	−1·38	+0·41	+2·70	+3·79	+4·66	+4·83	+4·99	+4·54	+3·48	+2·34	+1·13	−0·16	−0·71	−1·19	−1·55	−1·89	20·97
December ...	−2·06	−2·51	−2·94	−3·19	−3·40	−3·70	−3·09	−3·02	−1·27	+0·16	+2·21	+3·23	+4·30	+4·70	+4·83	+4·23	+2·96	+1·92	+1·32	+0·50	−0·18	−0·85	−1·36	−1·86	16·72
Mean	−3·18	−3·73	−4·23	−4·67	−5·06	−5·13	−4·56	−3·11	−1·29	+0·71	+2·65	+3·94	+4·95	+5·39	+5·70	+5·45	+4·71	+3·63	+2·34	+1·07	−0·09	−1·04	−1·88	−2·53	22·12

MAXIMUM AND MINIMUM TEMPERATURE (°C.).

1916.

DAYS OF MONTH	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
1	19·2	11·4	18·5	8·9	21·1	10·4	25·6	13·9	29·6	15·4	31·5	17·0
2	19·4	9·6	17·6	9·3	28·6	15·7	24·3	13·4	31·0	15·8	33·9	18·7
3	13·7	9·7	17·7	7·3	33·4	18·5	22·2	11·3	33·3	16·2	39·7	19·7
4	15·3	8·7	23·0	4·9	25·9	14·1	23·3	11·3	32·5	18·2	41·3	25·7
5	14·3	6·9	19·5	13·3	27·8	14·9	22·1	11·1	31·9	15·3	44·6	24·5
6	16·9	5·6	18·4	11·8	27·0	11·6	25·1	11·4	31·9	15·7	34·8	20·6
7	14·8	8·5	20·9	9·6	30·1	10·7	31·4	13·3	36·6	17·0	33·6	18·8
8	14·4	8·0	21·5	6·9	26·9	11·7	33·4	16·3	30·9	16·8	34·1	18·3
9	17·2	8·0	17·5	10·0	25·3	12·9	31·0	13·8	30·3	16·0	34·6	20·0
10	20·6	7·9	20·3	8·4	21·9	13·9	24·2	14·4	31·7	17·2	36·3	19·3
11	21·5	7·4	23·3	8·5	19·9	8·4	25·0	12·4	33·8	17·1	36·4	20·2
12	21·3	7·9	21·3	10·5	20·7	9·5	30·6	13·6	39·3	22·4	38·5	19·8
13	19·1	13·2	20·0	10·1	22·2	10·2	29·7	20·2	40·5	21·9	39·1	20·7
14	17·5	6·4	22·0	10·5	24·0	10·0	24·0	13·3	41·8	25·9	38·3	21·5
15	17·4	8·1	16·9	11·7	28·1	12·7	27·8	11·6	44·2	22·6	38·7	21·1
16	17·3	6·2	18·6	7·3	27·9	13·2	30·6	15·4	44·7	26·7	39·2	21·7
17	15·7	6·7	19·1	8·2	30·0	15·8	33·3	17·7	46·0	23·0	39·9	21·6
18	16·9	8·0	21·2	9·1	22·1	14·2	29·9	17·7	34·5	21·3	36·7	20·9
19	18·2	10·4	21·3	10·0	19·1	11·4	22·7	10·4	30·9	19·1	39·5	21·2
20	16·0	7·9	19·2	8·1	19·8	9·9	26·3	12·1	29·7	16·7	42·4	23·3
21	15·5	8·4	21·6	10·7	21·7	9·8	29·9	14·6	30·4	17·3	43·9	25·4
22	17·4	5·9	24·1	12·3	24·7	10·1	32·8	15·0	30·0	16·4	45·0	25·3
23	16·4	4·4	20·2	10·7	29·7	14·7	35·3	14·0	26·4	16·1	43·8	23·7
24	16·0	4·7	18·5	8·7	30·0	15·8	35·2	17·4	27·4	14·4	41·2	24·7
25	12·8	6·9	20·0	9·4	28·4	12·9	30·9	16·7	29·7	15·6	38·6	22·6
26	16·0	4·0	22·3	9·3	26·3	14·0	41·0	16·9	30·7	16·4	38·6	22·4
27	13·2	6·9	24·1	12·0	28·4	12·2	32·4	17·7	31·6	15·1	37·6	22·3
28	15·5	3·5	21·1	10·6	33·4	17·1	31·8	17·3	33·6	17·5	38·7	22·6
29	15·7	4·9	19·4	9·1	37·6	20·9	29·9	16·8	39·5	20·6	38·5	23·2
30	18·7	6·6	—	—	31·6	23·6	29·0	15·1	31·3	20·1	38·2	21·3
31	18·0	5·3	—	—	29·4	15·5	—	—	30·8	16·5	—	—
Mean	16·84	7·35	20·31	9·56	26·52	13·43	29·22	14·54	33·76	18·27	38·57	21·60
Extreme for month	21·5	3·5	24·1	4·9	37·6	8·4	41·0	10·4	46·0	14·4	45·0	17·0

DAYS OF MONTH	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
1	37·4	20·7	39·3	22·1	34·9	21·1	30·7	18·6	25·6	14·6	21·0	14·0
2	35·0	21·8	35·9	22·8	34·0	20·1	31·9	18·4	25·6	15·7	22·9	11·3
3	37·3	23·5	34·0	22·0	31·3	22·1	29·3	17·4	23·8	14·7	22·2	11·6
4	36·4	22·0	34·0	20·8	30·7	20·2	29·2	16·2	24·0	15·2	21·6	13·5
5	36·5	21·6	33·1	21·2	30·5	19·9	27·7	18·5	24·2	14·4	22·9	14·7
6	39·0	22·1	34·1	21·7	30·8	20·7	25·8	15·3	24·2	13·9	24·3	13·4
7	38·7	21·2	34·1	21·1	31·4	19·6	25·7	14·9	26·0	16·0	24·6	13·3
8	38·8	21·4	32·9	21·2	31·9	19·7	25·2	14·7	25·9	15·4	21·4	10·7
9	38·0	21·3	32·9	22·2	34·6	20·9	27·4	15·2	24·9	16·7	24·3	12·6
10	37·5	20·9	32·3	21·6	31·3	21·4	27·1	17·3	27·6	17·3	25·1	11·8
11	39·6	21·6	30·9	21·1	33·6	20·6	29·0	17·6	32·8	18·5	24·0	11·7
12	39·5	22·8	31·5	21·8	32·6	21·9	29·4	18·5	31·9	18·2	24·3	13·0
13	40·1	23·1	31·7	18·3	33·8	19·2	27·8	17·6	32·9	18·1	22·9	13·8
14	39·9	24·1	33·1	21·6	38·3	21·4	30·5	17·2	33·4	15·3	20·9	11·4
15	38·3	24·4	35·2	23·1	35·8	21·9	31·9	17·3	30·6	20·5	23·5	12·7
16	37·0	22·8	34·0	21·2	36·1	21·7	30·8	17·4	27·3	19·3	25·4	15·0
17	36·3	22·6	35·5	20·1	31·4	22·1	29·8	16·1	25·8	17·6	23·7	14·3
18	36·0	21·1	36·0	21·9	31·0	20·4	27·2	17·7	23·4	15·9	24·1	11·8
19	37·7	22·6	37·8	21·7	30·6	20·3	26·8	17·5	23·9	14·1	22·8	10·4
20	33·0	22·2	34·5	21·7	32·1	19·9	27·4	16·0	26·9	17·4	24·0	12·5
21	33·8	21·2	37·3	22·3	33·7	20·6	27·7	17·1	30·0	18·3	24·9	12·4
22	35·6	21·9	32·2	22·0	35·4	20·3	27·9	17·4	30·3	20·4	25·0	13·6
23	35·6	20·6	33·0	20·2	33·9	19·0	29·2	17·0	27·7	16·6	24·0	12·2
24	33·1	21·5	36·3	21·3	30·1	21·7	26·6	17·3	30·2	15·2	20·7	11·4
25	35·5	21·2	37·5	23·1	27·8	19·3	27·9	16·7	29·8	15·6	22·5	10·6
26	36·0	22·2	34·0	20·0	29·3	18·4	29·9	18·8	30·2	15·2	18·1	11·6
27	35·9	22·4	31·6	19·9	26·9	17·2	30·2	19·3	26·0	12·5	19·8	11·9
28	35·1	21·4	35·0	21·7	27·1	16·9	29·5	18·8	26·4	11·5	20·2	10·8
29	34·8	22·2	35·6	21·9	27·8	16·1	26·2	15·7	24·7	15·3	20·5	11·3
30	36·2	20·9	34·9	22·8	29·4	16·5	25·2	15·5	25·7	13·2	17·2	10·5
31	37·7	21·3	32·8	19·4	—	—	26·0	15·8	—	—	19·6	7·7
Mean	36·88	21·95	34·29	21·39	32·00	20·04	28·20	17·12	27·32	16·09	22·53	12·18
Extreme for month	40·1	20·6	39·3	18·3	38·3	16·1	31·9	14·7	33·4	11·5	25·4	7·7

RELATIVE HUMIDITY.

Mean of Day.

1916.

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	66	56	49	60	52	51	41	39	57	45	67	61
2	62	49	32	38	50	46	55	39	54	59	67	65
3	77	39	30	56	34	24	52	48	57	62	72	59
4	85	31	46	54	39	11	45	55	56	61	76	52
5	84	49	35	54	39	26	42	53	55	52	60	58
6	72	70	64	45	50	44	37	53	56	54	50	69
7	53	62	53	32	33	49	37	57	58	52	59	70
8	80	65	43	27	50	41	35	61	50	59	67	59
9	73	77	48	34	43	37	44	56	51	55	69	56
10	63	59	53	50	52	43	42	57	53	55	64	51
11	49	52	55	51	29	34	34	57	59	59	61	56
12	53	35	66	35	20	35	38	49	49	54	54	50
13	45	44	60	27	20	28	41	55	44	52	41	56
14	55	48	51	47	15	32	28	43	40	61	36	75
15	51	78	41	53	20	34	53	44	46	60	43	66
16	52	64	39	33	16	29	54	51	39	54	72	47
17	60	60	24	19	29	34	44	53	58	56	71	47
18	77	56	61	37	53	50	49	52	59	67	59	54
19	72	42	70	50	53	47	47	41	62	67	60	60
20	70	56	61	32	54	37	54	43	56	62	64	44
21	49	52	58	24	54	30	56	42	55	61	58	39
22	46	46	45	36	51	27	46	54	49	64	51	39
23	57	62	31	36	49	21	49	51	59	64	72	37
24	82	50	24	19	49	33	56	48	64	51	55	66
25	60	51	45	17	48	48	50	38	58	67	36	83
26	68	45	53	16	46	41	53	51	55	67	42	90
27	77	40	45	52	43	40	43	60	61	64	36	87
28	65	71	28	52	36	43	44	55	59	61	60	78
29	59	63	23	55	22	36	59	47	51	73	66	72
30	54	—	33	53	52	31	53	37	41	61	64	67
31	62	—	66	—	50	—	42	56	—	57	—	68
Mean	64	54	46	40	40	36	46	50	54	59	58	61

RELATIVE HUMIDITY.

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1916.

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 ...	+ 8	+ 7	+ 7	+ 8	+ 9	+ 8	+10	+13	+11	+ 6	0	− 6	−12	−15	−18	−16	−12	− 8	− 6	− 3	0	+ 2	+ 4	+ 3	64
February ...	+ 9	+12	+15	+14	+14	+14	+16	+16	+15	+ 5	− 4	−12	−17	−19	−21	−20	−17	−13	−11	− 5	− 2	+ 2	+ 6	+ 8	54
March ...	+10	+12	+13	+15	+18	+16	+16	+13	+10	+ 3	− 5	−10	−14	−17	−19	−18	−16	−13	−10	− 6	− 2	+ 1	+ 4	+ 8	46
April	+12	+14	+15	+17	+19	+22	+22	+16	+11	+ 2	− 7	−12	−16	−19	−20	−20	−19	−16	−13	− 8	− 5	− 1	+ 5	+ 9	40
May	+16	+20	+20	+23	+26	+26	+23	+13	+ 3	− 5	−12	−15	−19	−20	−21	−21	−21	−20	−15	−10	− 4	+ 2	+ 7	+12	40
June	+15	+19	+22	+26	+31	+31	+27	+18	+ 6	− 6	−13	−18	−20	−22	−23	−23	−23	−21	−18	−12	− 6	− 1	+ 5	+ 9	36
July	+15	+20	+25	+28	+31	+32	+29	+22	+14	+ 1	−14	−20	−24	−26	−27	−27	−26	−24	−20	−16	− 9	− 1	+ 6	+11	46
August ...	+17	+19	+21	+22	+25	+25	+22	+15	+ 6	− 4	−14	−18	−21	−23	−24	−24	−23	−20	−16	−10	− 4	+ 3	+ 9	+14	50
September .	+17	+17	+18	+20	+22	+23	+20	+14	+ 4	− 6	−14	−18	−21	−24	−25	−24	−22	−18	−13	− 6	0	+ 6	+10	+13	54
October ...	+14	+17	+18	+18	+21	+21	+22	+14	+ 7	− 6	−13	−16	−20	−23	−23	−22	−20	−16	−11	− 5	+ 1	+ 6	+ 9	+12	59
November .	+10	+13	+15	+17	+17	+17	+15	+14	+11	+ 2	− 8	−13	−18	−20	−21	−21	−18	−13	− 7	− 2	+ 3	+ 6	+ 5	+ 5	58
December...	+ 9	+ 9	+10	+11	+11	+12	+13	+12	+ 9	+ 2	− 7	−11	−15	−17	−19	−17	−12	− 8	− 7	− 5	− 2	+ 2	+ 4	+ 7	61
Mean	+12	+15	+16	+18	+20	+20	+19	+15	+ 9	− 1	−10	−14	−18	−21	−22	−21	−19	−16	−13	− 8	− 3	+ 2	+ 6	+ 9	51

VAPOUR PRESSURE.

(In millimetres.)

Mean of Day.

1916.

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8·40	6·02	6·42	8·50	8·68	10·07	11·02	11·99	14·00	9·80	11·64	8·89
2	7·03	5·20	6·22	7·85	8·55	9·21	14·28	12·15	13·52	12·71	11·37	8·90
3	7·70	3·96	6·94	7·38	6·87	6·01	14·17	12·89	13·62	12·32	11·08	8·07
4	8·35	3·92	7·65	7·42	8·17	4·07	11·82	13·63	12·68	12·13	12·08	7·35
5	7·98	6·67	6·53	7·29	7·61	9·32	11·43	13·48	12·43	9·78	9·78	8·75
6	6·84	8·80	9·71	6·42	9·69	10·53	10·42	13·56	12·78	9·19	7·87	10·76
7	5·21	7·37	8·85	6·10	7·33	10·46	10·62	14·24	13·30	9·15	10·00	10·66
8	7·64	7·58	7·20	5·70	9·55	9·66	10·02	14·95	11·71	10·38	11·63	8·10
9	7·28	8·50	7·80	6·39	8·41	9·28	12·31	13·70	12·79	9·91	11·67	8·32
10	7·22	6·66	7·27	7·82	10·31	10·35	11·75	13·35	13·02	10·22	11·88	7·96
11	5·79	6·40	6·43	7·51	6·90	9·58	10·64	12·67	14·13	11·25	12·66	7·79
12	6·48	4·39	8·01	6·21	5·69	9·33	11·72	11·34	11·58	10·28	11·45	7·55
13	5·79	5·42	7·70	5·21	6·05	8·15	11·98	12·27	10·96	9·52	8·59	8·62
14	5.50	6·21	6·80	7·19	5·45	9·22	9·42	10·61	10·92	11·88	7·55	9·90
15	5·38	8·78	6·45	7·82	7·13	10·06	15·32	11·84	11·80	12·54	9·25	9·05
16	5·31	6·94	6·41	6·13	6·60	9·25	14·50	12·62	10·55	12·27	13·53	7·56
17	5·85	6·74	5·08	4·74	9·75	9·89	11·74	13·30	14·18	11·20	12·50	6·85
18	7·96	6·70	8·46	6·18	13·01	12·38	13·27	13·21	13·45	12·06	9·52	6·95
19	8·06	4·78	8·72	6·58	10·96	11·72	13·20	11·12	13·75	11·76	9·35	7·73
20	7·02	6·23	7·30	5·16	10·53	11·03	13·05	11·10	13·24	11·09	11·55	6·28
21	4·78	6·86	7·34	4·62	10·33	10·53	13·66	11·00	12·62	10·64	11·50	6·00
22	4·22	6·34	6·51	6·60	9·41	8·28	12·60	13·08	11·40	11·80	11·09	5·59
23	4·97	7·43	5·42	6·69	8·29	6·90	13·17	11·82	13·08	12·10	13·15	5·66
24	7·33	5·80	4·87	4·57	8·12	10·67	13·76	11·53	14·19	9·40	9·18	8·66
25	5·13	6·06	6·83	3·74	8·67	13·13	12·25	10·48	11·22	12·34	6·38	10·29
26	5·81	5·52	8·26	4·49	8·45	11·15	13·42	12·62	11·07	13·26	6·75	10·75
27	6·42	5·64	7·14	10·18	8·08	11·82	11·95	14·04	11·77	12·94	5·85	10·79
28	5·65	9·10	6·48	9·65	8·03	11·30	12·84	13·68	10·87	11·69	9·30	9·49
29	5·56	7·40	6·77	9·72	6·54	10·44	15·12	12·02	9·49	13·08	10·94	9·22
30	5·80	—	8·13	9·06	11·10	9·22	13·50	10·30	8·00	10·53	9·76	7·51
31	6·31	—	9·90	—	9·85	—	11·45	13·15	—	9·99	—	7·58
Mean	6·41	6·46	7·21	6·76	8·52	9·78	12·46	12·51	12·27	11·20	10·30	8·31

VAPOUR PRESSURE.

(In millimetres.)

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1916.

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 ...	+0·12	−0·09	−0·22	−0·29	−0·38	−0·40	−0·48	0·00	+0·34	+0·61	+0·50	+0·52	+0·17	0·00	−0·23	−0·27	−0·11	+0·09	0·00	+0·03	+0·14	+0·07	+0·05	−0·13	6·41
February ...	+0·30	+0·42	+0·3[illegible]	+0·17	+0·10	−0·02	+0·08	+0·54	+0·90	+0·83	+0·46	−0·14	−0·63	−0·66	−0·65	−0·99	−0·77	−0·47	−0·48	−0·10	+0·04	+0·19	+0·37	+0·42	6·46
March ...	+0·05	−0·02	+0·05	+0·07	+0·15	−0·06	+0·06	+0·51	+1·22	+1·11	+0·79	+0·23	−0·23	−0·71	−0·94	−0·84	−0·62	−0·36	−0·40	−0·14	−0·07	0·00	+0·01	+0·23	7·21
April	+0·6[illegible]	+0·58	+0·47	+0·47	+0·56	+0·98	+1·54	+1·67	+1·77	+1·18	+0·19	−0·21	−0·90	−1·50	−1·53	−1·65	−1·58	−1·29	−1·04	−0·54	−0·40	−0·30	+0·33	+0·65	6·76
May	+1·24	+1·53	+1·31	+1·34	+1·56	+1·75	+2·13	+1·79	+1·05	+0·17	−0·68	−0·80	−1·44	−1·87	−1·88	−2·21	−2·26	−2·34	−1·59	−0·97	−0·29	+0·43	+0·89	+1·16	8·52
June	+1·95	+2·24	+2·46	+2·87	+3·42	+3·82	+4·05	+3·42	+2·15	+0·24	−1·07	−2·11	−2·78	−3·54	−3·62	−3·84	−3·82	−3·50	−2·78	−1·52	−0·54	+0·23	+1·00	+1·26	9·78
July	+2·05	+2·54	+2·83	+3·10	+3·41	+3·67	+3·88	+3·66	+3·52	+1·73	−1·27	−2·38	−3·41	−3·90	−4·36	−4·20	−4·02	−3·74	−2·90	−2·37	−1·01	+0·26	+1·15	+1·86	12·46
August ...	+1·86	+1·84	+1·7[illegible]	+1·63	+1·74	+1·64	+2·10	+1·95	+1·53	+0·30	−1·28	−2·02	−2·45	−2·75	−2·98	−2·80	−2·53	−2·04	−1·46	−0·65	−0·04	+1·01	+1·58	+1·90	12·51
September..	+1·82	+1·64	+1·3[illegible]	+1·41	+1·45	+1·3[illegible]	+1·6[illegible]	+1·78	+1·05	−0·10	−1·07	−1·51	−2·06	−2·56	−2·70	−2·48	−2·14	−1·81	−1·22	−0·15	+0·39	+0·97	+1·39	+1·57	12·27
October ...	+0·84	+0·86	+0·7[illegible]	+0·57	+0·60	+0·62	+1·08	+1·29	+1·46	+0·22	−0·38	−0·64	−1·29	−1·54	−1·69	−1·59	−1·54	−1·11	−0·76	−0·29	+0·23	+0·64	+0·79	+0·84	11·20
November..	+0·38	+0·64	+0·67	+0·58	+0·34	+0·17	+0·16	+0·84	+1·27	+1·06	+0·34	−0·19	−0·76	−1·27	−1·35	−1·53	−1·27	−0·89	−0·41	−0·02	+0·46	+0·51	+0·16	−0·01	10·30
December...	+0·23	+0·03	−0·05	−0·17	−0·18	−0·29	−0·25	+0·11	+0·60	+0·55	+0·39	+0·30	+0·08	−0·12	−0·37	−0·41	−0·13	−0·04	−0·13	−0·21	−0·17	+0·04	+0·05	+0·14	8·31
Mean	+0·96	+1·02	+0·99	+0·98	+1·06	+1·10	+1·34	+1·46	+1·41	+0·66	−0·25	−0·75	−1·31	−1·70	−1·88	−1·90	−1·73	−1·46	−1·10	−0·58	−0·11	+0·34	+0·65	+0·82	9·35

WIND.—Resultant Direction and Velocity for every day.

In degrees E of N and kilometres per hour.

1916.

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. E of N	Vel.
1	18	15·3	43	24·7	19	7·7	316	18·6	36	34·6	2	23·5	334	16·6	16	15·8	349	13·2	39	30·1	1	11·7	10	11·4
2	249	6·4	37	23·6	150	10·4	312	15·6	25	23·8	38	27·0	312	18·6	0	16·0	354	11·0	24	19·6	324	7·0	14	13·9
3	206	12·2	43	21·6	45	7·9	343	9·7	35	27·8	49	30·6	1	21·4	4	16·4	353	14·2	12	17·7	247	5·3	23	13·2
4	206	4·7	98	6·9	33	24·6	339	13·8	34	13·7	72	39·7	0	20·4	338	16·0	348	16·2	16	18·2	308	5·3	42	22·5
5	200	22·2	125	3·0	11	12·4	338	12·8	329	15·7	338	7·4	28	22·4	356	15·1	344	13·8	9	24·6	341	6·9	38	28·9
6	205	10·3	3	10·5	339	11·1	43	12·8	328	9·9	352	25·8	12	20·3	3	14·9	348	16·3	10	20·3	10	10·4	24	15·4
7	182	25·0	46	20·6	29	16·0	15	6·3	334	6·8	341	20·0	358	16·6	342	14·0	6	16·8	0	17·3	45	34·8	349	4·0
8	182	11·5	343	5·2	39	21·4	22	8·3	335	14·0	345	14·2	352	15·5	342	13·7	0	18·1	346	13·2	12	14·8	1	5·1
9	36	5·8	293	13·9	20	7·1	3	15·5	341	14·3	25	17·5	348	16·8	356	19·1	357	18·8	13	13·3	351	8·8	56	3·0
10	29	6·6	47	14·8	324	13·9	337	15·6	18	17·2	9	24·3	354	10·9	330	17·8	336	18·1	25	19·7	44	32·0	101	4·1
11	56	17·3	131	6·1	298	12·5	324	9·0	44	22·5	10	21·6	4	12·7	316	20·3	15	21·4	12	23·5	38	14·0	44	12·9
12	128	2·2	265	4·8	326	6·8	96	12·8	54	26·3	22	24·0	359	15·1	321	17·4	28	29·4	11	19·8	25	14·0	74	2·6
13	176	13·0	18	7·0	1	6·8	229	23·2	63	7·3	19	26·0	1	14·6	346	8·4	26	17·3	16	20·0	26	11·0	359	3·8
14	202	13·8	45	26·2	0	6·1	282	23·0	40	6·0	10	19·0	332	11·5	14	10·8	8	11·6	45	31·6	40	3·6	3	8·0
15	197	8·2	39	8·8	351	3·4	220	9·4	138	4·1	2	17·2	316	18·2	9	13·4	28	17·1	20	16·5	28	6·1	44	2·4
16	190	7·2	297	3·0	81	5·3	100	3·6	203	4·9	8	22·1	334	16·7	359	16·0	342	12·6	330	5·8	44	25·7	45	18·3
17	244	5·3	237	5·0	195	12·2	137	7·5	318	12·1	357	21·1	336	15·7	354	15·8	348	14·6	342	11·7	36	24·2	44	18·7
18	207	0·7	186	8·0	247	20·6	316	15·7	339	25·7	319	17·5	347	12·8	342	12·8	358	16·2	1	18·8	22	23·9	34	11·9
19	324	2·9	237	12·8	308	17·9	314	8·1	359	27·9	17	18·9	18	16·5	7	7·2	359	20·3	356	14·6	43	26·8	27	5·7
20	342	6·5	212	10·6	297	11·9	356	7·1	345	19·3	29	32·2	349	22·3	4	15·4	13	22·7	26	13·8	44	35·9	123	5·0
21	27	18·0	266	1·8	326	3·8	32	17·5	357	22·1	7	20·6	343	18·0	354	12·3	44	34·8	34	28·3	356	3·8	138	5·8
22	67	13·7	2	2·1	15	5·5	46	22·2	355	21·9	21	26·2	346	18·8	357	19·8	45	23·3	32	22·9	40	5·7	140	4·7
23	219	4·0	7	15·1	84	10·4	12	14·1	340	21·2	23	19·4	355	15·0	12	20·9	4	15·4	1	16·6	11	12·1	137	3·6
24	205	4·7	35	18·4	4	7·8	30	18·3	2	20·6	354	20·2	346	16·9	44	35·4	351	10·9	6	17·5	24	12·7	333	7·0
25	297	21·2	34	20·3	35	23·1	42	21·7	10	23·9	330	19·5	7	16·8	44	22·6	337	10·0	30	25·8	42	22·6	300	3·7
26	215	6·8	32	12·7	18	14·3	291	6·6	354	19·4	346	16·5	356	17·0	350	17·6	8	19·3	42	30·2	41	22·7	198	5·6
27	48	2·7	193	6·4	25	11·1	13	25·5	352	13·6	352	15·5	4	18·2	339	16·3	346	17·5	44	35·5	9	6·6	192	1·5
28	8	13·4	330	4·6	60	4·6	40	32·1	21	14·7	1	17·6	351	20·6	13	12·7	336	11·2	12	17·2	359	8·7	170	8·1
29	1	6·3	353	9·1	33	9·6	6	26·2	357	2·8	8	15·9	325	20·5	0	13·6	3	12·9	354	13·2	17	16·9	239	5·8
30	44	12·1	—	—	13	16·9	25	24·6	332	23·5	358	16·7	345	21·2	6	12·8	39	24·4	18	16·8	17	16·0	314	14·2
31	22	13·7	—	—	322	19·8	—	—	9	17·3	—	—	0	20·5	0	14·5	—	—	26	19·1	—	—	206	6·7
Mean	213	1·0	30	6·5	4	7·2	2	9·8	6	15·3	11	19·3	351	16·6	359	14·8	6	16·8	20	18·9	28	13·7	32	5·6

WIND.—Resultant Direction and Velocity for every hour.

In degrees E of N and kilometres per hour.

1916.

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	64	2·0	54	11·6	36	8·6	34	12·0	21	17·2	21	15·0	358	11·8	22	13·4	20	13·8	37	20·4	38	15·4	42	8·1	20	12·0
2	140	1·0	54	9·3	46	8·0	33	8·2	13	13·7	17	12·2	2	12·1	18	10·0	20	11·6	35	17·9	38	14·6	44	7·9	28	10·0
3	122	2·5	49	8·1	44	6·9	3	7·9	25	13·4	8	12·1	4	10·7	13	9·1	18	9·8	26	15·4	37	10·8	52	7·0	26	8·9
4	138	3·4	53	7·4	44	7·1	23	7·4	19	11·3	4	12·2	0	9·0	12	8·1	15	10·4	24	13·8	34	9·4	45	6·9	24	8·2
5	143	3·8	64	5·9	42	5·7	26	6·5	11	10·1	8	11·6	2	9·2	11	7·8	22	10·7	26	12·4	36	9·3	52	6·8	26	7·5
6	148	4·1	65	6·3	50	5·2	31	5·8	10	8·6	12	11·7	353	8·8	14	7·4	20	9·4	26	12·3	39	10·4	52	5·0	27	7·0
7	150	4·2	69	5·1	57	6·0	21	4·9	13	9·9	13	11·6	355	10·8	12	7·7	18	10·4	28	12·6	42	11·0	60	5·7	27	7·2
8	158	3·9	78	5·8	56	2·8	357	4·9	9	12·3	3	13·4	342	13·4	6	9·8	14	13·2	21	14·3	35	10·1	80	3·7	17	7·6
9	168	5·2	76	5·4	291	2·1	329	6·6	11	12·9	4	10·9	340	15·4	359	11·0	9	15·7	17	17·6	26	10·7	89	3·5	9	8·4
10	173	4·5	73	4·1	304	5·8	335	7·0	14	13·1	13	19·6	349	15·9	350	12·2	5	14·4	22	18·2	22	9·7	84	1·2	6	8·9
11	198	5·4	43	3·6	296	8·0	336	7·5	5	12·6	15	19·8	346	16·9	345	12·8	3	17·0	16	19·7	19	10·4	36	3·4	0	9·7
12	197	5·2	338	3·4	305	6·8	323	8·0	2	13·1	12	21·0	343	19·2	337	15·2	352	18·3	9	19·5	13	10·7	1	2·6	352	10·5
13	244	4·8	321	5·6	306	8·7	312	9·9	348	13·2	12	22·0	338	19·9	341	16·9	346	19·3	1	20·2	8	12·3	336	3·4	345	11·9
14	254	6·4	311	7·1	305	10·5	309	11·9	342	14·5	8	22·6	337	20·3	336	18·4	346	20·7	4	21·8	4	13·8	332	4·3	341	13·0
15	275	8·0	325	7·1	313	11·2	317	12·3	345	16·5	5	22·7	337	21·7	335	19·9	347	21·3	4	21·7	12	14·8	328	6·3	342	14·2
16	283	8·1	327	7·8	322	12·8	322	12·9	340	18·3	2	25·3	336	22·8	338	20·8	350	22·3	2	22·5	14	15·6	347	6·7	344	15·4
17	294	5·5	343	8·6	334	13·5	334	14·3	343	19·8	0	26·2	344	24·3	341	20·8	358	23·0	4	22·7	22	17·1	347	7·7	350	16·4
18	326	4·5	350	7·9	350	12·9	349	15·3	353	20·9	4	27·0	348	24·3	352	20·8	358	22·8	4	22·5	27	18·0	350	6·6	357	16·6
19	352	4·1	5	10·1	10	13·4	20	16·1	358	21·8	9	28·0	349	23·0	356	21·7	2	23·0	13	21·5	31	20·2	22	7·5	7	17·2
20	0	3·5	15	11·6	19	15·9	19	19·0	14	23.4	15	28·6	356	22·9	3	23·6	10	23·9	26	25·6	32	20·7	32	8·6	15	18·7
21	32	2·1	32	13·4	30	16·7	24	17·9	18	23·0	16	26·6	2	23·3	12	24·6	17	23·6	34	25·5	32	20·1	38	10·4	22	18·5
22	51	1·9	39	13·3	33	16·0	23	18·5	19	21·1	23	24·2	12	20·1	18	23·2	18	21·3	36	24·6	36	19·7	43	11·1	26	17·6
23	64	3·1	46	13·0	46	12·3	30	18·6	24	19·0	22	20·4	12	17·7	26	20·1	18	18·8	36	22·6	37	16·2	50	10·7	30	15·6
24	60	3·1	45	11·2	22	8·3	28	15·6	20	17·0	25	16·9	10	14·4	22	17·1	26	16·8	36	21·2	34	15·8	48	9·1	29	13·6
Day	213	1·0	30	6·5	4	7·2	2	9·8	6	15·3	11	19·3	351	16·6	359	14·8	6	16·8	20	18·9	28	13·7	32	5·6	10	14·9

WIND VELOCITY

(Kilometres per hour.)

MEAN OF DAY.

1916.

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17·0	24·9	13·0	18·9	35·9	24·8	17·7	16·8	15·1	31·0	13·3	12·3
2	11·9	24·5	15·8	17·2	25·8	28·0	18·7	18·4	14·1	21·0	7·9	15·1
3	15·3	21·8	13·2	11·4	28·8	31·2	22·5	18·3	15·8	18·9	8·1	14·2
4	12·6	10·5	29·7	15·4	24·5	43·2	21·5	17·0	17·1	19·8	11·0	22·6
5	23·5	10·9	18·6	14·5	17·2	13·2	23·7	16·9	15·1	26·2	8·3	29·9
6	13·0	14·0	13·8	14·2	11·0	26·2	21·2	16·5	17·8	21·4	13·1	18·2
7	25·5	20·7	19·7	12·2	9·3	21·3	18·0	14·9	17·9	18·9	34·9	8·6
8	13·5	8·2	22·3	14·0	15·8	17·8	16·4	15·3	18·8	14·0	17·0	8·0
9	8·0	16·8	14·9	18·1	10·6	18·5	17·2	19·6	19·2	14·3	11·0	6·5
10	7·8	16·3	14·8	17·7	18·5	25·4	14·4	19·7	19·2	21·3	32·2	6·8
11	10·3	13·4	18·3	18·1	22·0	22·1	14·9	20·4	22·4	24·6	15·5	13·0
12	7·3	12·7	9·8	18·9	27·4	25·4	17·3	18·1	31·3	20·7	16·2	7·3
13	16·5	10·0	10·2	31·8	13·5	28·2	17·1	12·5	18·5	21·5	15·4	11·0
14	16·0	26·3	10·5	25·5	18·2	19·8	12·9	16·0	15·3	31·8	5·0	11·4
15	9·0	9·8	12·0	15·7	13·2	18·4	18·3	18·4	18·7	17·8	13·8	5·4
16	9·3	11·1	12·5	11·9	13·0	22·9	18·3	17·4	14·9	7·8	25·8	20·2
17	13·9	14·0	20·2	15·3	15·5	22·1	16·8	16·2	15·5	13·5	25·5	18·8
18	9·5	10·5	22·8	21·6	27·9	18·1	14·8	14·0	16·9	18·9	25·0	13·0
19	7·3	19·2	23·0	10·7	28·9	20·1	18·1	10·0	20·5	15·8	27·0	9·1
20	7·7	16·0	14·5	13·8	29·7	33·3	23·0	16·2	23·9	15·1	36·0	7·2
21	19·3	7·1	11·1	18·7	22·3	22·3	18·9	14·7	35·0	29·6	9·1	7·4
22	14·8	12·6	10·2	24·4	22·6	28·9	19·6	20·0	23·9	24·4	11·1	5·9
23	9·9	16·8	14·9	19·2	22·5	22·8	16·3	21·8	16·6	17·9	14·7	7·3
24	9·2	19·7	16·1	20·8	22·3	21·7	17·9	35·6	20·9	18·0	15·3	7·6
25	23·3	21·8	26·4	24·2	24·6	20·4	17·8	24·6	20·4	26·8	23·9	7·7
26	11·6	14·3	17·2	16·3	19·9	17·3	17·3	19·9	20·1	30·8	23·5	7·5
27	10·2	14·7	13·4	29·9	15·5	16·5	18·8	17·5	18·7	35·7	8·6	4·4
28	14·0	8·5	11·2	34·5	17·7	19·4	21·4	14·0	12·0	18·1	11·6	9·4
29	7·4	10·8	14·2	26·8	13·6	17·2	21·5	17·2	13·2	14·3	18·4	13·0
30	12·8	—	26·0	26·1	25·0	17·0	21·9	17·5	24·8	18·1	16·9	14·3
31	15·1	—	20·3	—	19·8	—	20·7	15·6	—	20·4	—	9·1
Mean	13·2	15·1	16·5	19·3	20·3	22·8	18·5	17·8	19·1	20·9	17·2	11·4

WIND VELOCITY.

(In kilometres per hour).

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1916.

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 ...	−1·9	−2·1	−2·0	−2·2	−1·6	−1·9	−2·3	−3·0	−1·2	−0·2	+1·6	+3·4	+5·2	+4·3	+4·7	+4·5	+2·4	−0·8	−1·8	−1·8	−0·8	−1·2	−0·4	+0·1	13·2
February ...	0·0	−2·1	−3·1	−3·7	−3·7	−3·7	−4·7	−4·8	−3·3	−2·7	+0·8	+2·3	+3·7	+4·7	+3·9	+3·8	+2·7	−0·5	+0·7	+2·5	+2·8	+1·8	+1·8	+0·6	15·1
March... ...	−2·6	−2·7	−4·2	−2·8	−3·8	−5·0	−5·0	−6·5	−5·1	−3·7	−1·3	+1·7	+2·3	+3·6	+4·2	+4·7	+4·2	+3·0	+2·3	+4·6	+5·7	+4·2	+2·0	−0·8	16·5
April	−0·5	−3·8	−5·0	−6·5	−7·4	−7·9	−8·3	−7·8	−4·8	−3·4	−0·5	+1·1	+2·2	+3·4	+2·7	+3·4	+3·9	+3·4	+5·3	+7·4	+6·9	+6·8	+5·4	+2·8	19·3
May	+0·5	−3·1	−3·3	−5·9	−8·1	−8·8	−7·4	−4·6	−2·4	−0·1	+0·3	+1·0	+1·7	+2·4	+2·2	+2·4	+3·4	+4·3	+5·2	+6·7	+6·7	+4·5	+2·3	+0·4	20·3
June	−5·2	−7·8	−8·4	−8·3	−8·3	−9·0	−8·0	−5·1	−0·7	+0·6	+1·3	+2·6	+3·0	+3·1	+4·1	+5·4	+6·8	+7·4	+8·0	+8·5	+7·3	+4·1	+0·8	−2·5	22·8
July	−5·3	−5·3	−6·6	−8·5	−8·4	−8·9	−6·8	−3·5	−1·5	−0·8	+0·5	+3·0	+3·3	+4·2	+4·8	+5·9	+6·9	+6·9	+5·7	+6·2	+6·4	+4·2	+1·3	−2·4	18·5
August ...	−2·7	−5·3	−6·8	−8·4	−8·9	−9·0	−8·7	−6·1	−3·5	−2·8	−2·2	+0·1	+2·3	+4·1	+4·8	+5·2	+5·6	+5·0	+5·6	+7·8	+9·5	+8·1	+4·3	+1·1	17·8
September ...	−4·0	−6·2	−8·2	−7·7	−7·1	−8·8	−7·7	−3·8	−0·9	−2·2	+1·7	+2·7	+4·3	+4·8	+5·2	+5·9	+5·8	+5·1	+5·2	+6·1	+6·0	+3·8	+0·9	−0·8	19·1
October ...	+0·5	−2·2	−4·3	−5·8	−7·4	−7·6	−8·1	−5·4	−1·8	−0·8	+0·7	+0·9	+1·7	+3·4	+2·6	+3·4	+3·5	+3·1	+2·3	+6·4	+6·1	+4·9	+2·8	+1·5	20·9
November ...	+0·3	−1·3	−4·2	−5·9	−5·8	−5·3	−4·5	−4·6	−2·5	−2·3	−1·4	−0·5	+0·1	+1·9	+2·7	+2·4	+3·1	+3·8	+5·3	+6·9	+5·2	+4·0	+1·1	+0·6	17·2
December ...	−0·9	−0·4	−0·8	−1·1	−1·6	−2·6	−1·4	−3·9	−3·6	−2·4	−0·1	+0·6	+1·3	+1·0	+2·1	+1·6	+0·8	+0·1	+0·4	+1·2	+2·6	+2·7	+2·6	+1·1	11·4
Mean	−1·8	−3·5	−4·8	−5·6	−6·0	−6·6	−6·1	−4·9	−2·6	−1·8	+0·1	+1·5	+2·6	+3·4	+3·6	+4·0	+4·1	+3·4	+3·7	+5·2	+5·3	+4·0	+2·1	+0·1	17·7

CLOUDS (0—10 scale).

1916.

January.

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

* Additional observations not used in the daily mean.

February.

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

March.

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

* Additional observations not used in the daily mean.

April.

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

CLOUDS (0—10 scale).

1916.

May.

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

* Additional observations not used in the daily mean.

June.

Date	Hours of observation 8	11 *	14	17 *	20	Mean
1	0 —	0 —	0 —	0 —	0 —	0·0
2	0 —	0 —	0 —	0 —	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	0 —	0 —	0 —	0 —	0 —	0·0
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	0 —	0 —	0 —	0 —	0 —	0·0
19	0 —	0 —	0 —	0 —	0 —	0·0
20	0 —	0 —	0 —	0 —	3 Ci.-St.	1·0
21	0 —	1 Ci.	1 Ci.	4 Ci.-St.	8 St.-Cu.	3·0
22	5 Ci.-St.	3 Ci.	1 Ci.	2 Ci.	3 Ci.-St.	3.0
23	4 Ci.-Cu.	2 Ci.	1 Ci.	1 Ci.	0 —	1·7
24	0 —	0 —	0 —	0 —	0 —	0·0
25	0 —	0 —	0 —	0 —	0 —	0·0
26	0 —	0 —	0 —	0 —	0 —	0·0
27	0 —	0 —	0 —	0 —	0 —	0·0
28	0 —	0 —	0 —	0 —	0 —	0·0
29	0 —	0 —	0 —	0 —	0 —	0·0
30	0 —	0 —	0 —	0 —	0 —	0·0
Mean	0·3	0·2	0·1	0·2	0·5	0·3

July.

Date	Hours of observation 8	11 *	14	17 *	20	Mean
1	0 —	0 —	0 —	0 —	0 —	0·0
2	0 —	0 —	0 —	0 —	0 —	0·0
3	7 St.-Cu.	0 —	1 Cu.	1 Ci.	0 —	2·7
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	1 St.	0 —	0 —	0 —	0 —	0·3
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	0 —	0 —	0 —	0 —	0 —	0·0
16	0 —	0 —	0 —	0 —	0 —	0·0
17	8 Cu.	0 —	0 —	0 —	0 —	2·7
18	1 Ci.	1 Ci.	2 Ci.	3 Ci.	1 Ci.	1·3
19	0 —	0 —	0 —	0 —	0 —	0·0
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	0 —	0 —	0 —	0 —	0 —	0·0
25	1 St.	0 —	0 —	0 —	0 —	0·3
26	0 —	0 —	0 —	0 —	0 —	0·0
27	0 —	0 —	0 —	0 —	0 —	0·0
28	0 —	0 —	1 Ci.	0 —	0 —	0·3
29	1 Cu.	0 —	0 —	0 —	0 —	0·3
30	0 —	0 —	0 —	0 —	0 —	0·0
31	0 —	0 —	0 —	0 —	0 —	0·0
Mean	0·6	0·0	0·1	0·1	0·0	0·3

* Additional observations not used in the daily mean.

August.

Date	Hours of observation 8	11 *	14	17 *	20	Mean
1	0 —	0 —	0 —	0 —	0 —	0·0
2	0 —	0 —	0 —	0 —	0 —	0·0
3	0 —	0 —	0 —	0 —	0 —	0·0
4	2 Ci.-St.	0 —	1 Ci.	2 Ci.	0 —	1·0
5	3 St.	0 —	0 —	1 Ci.	0 —	1·0
6	0 —	0 —	0 —	1 Ci.	0 —	0·0
7	0 —	0 —	0 —	0 —	0 —	0·0
8	3 St.	4 St.	3 St.	0 —	0 —	2·0
9	1 St.	0 —	0 —	0 —	0 —	0·3
10	0 —	0 —	0 —	0 —	0 —	0·0
11	8 St.-Cu.	0 —	0 —	0 —	4 St.	4·0
12	6 Cu.	0 —	0 —	0 —	0 —	2·0
13	1 Ci.-St.	0 —	0 —	0 —	0 —	0·3
14	0 —	0 —	0 —	0 —	0 —	0·0
15	0 —	0 —	2 St.	1 St.	0 —	0·7
16	0 —	0 —	0 —	0 —	0 —	0·0
17	0 —	0 —	0 —	0 —	0 —	0·0
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 —	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	2 Ci.	0 —	0 —	0 —	0 —	0·7
28	2 Ci.-Cu.	0 —	0 —	0 —	0 —	0·7
29	0 —	0 —	0 —	0 —	0 —	0·0
30	0 —	0 —	0 —	0 —	0 —	0·0
31	0 —	0 —	0 —	0 —	0 —	0·0
Mean	0·9	0·1	0·2	0·2	0·1	0·4

CLOUDS (0—10 scale).

1916.

September.

Date	Hours of Observation 8	11 *	14	17 *	20	Mean
1	3 St.-Cu.	0 —	0 —	0 —	0 —	1·0
2	0 —	0 —	0 —	0 —	0 —	0·0
3	2 St.	1 St.	1 St.	3 St.	0 —	1·0
4	0 —	3 Ci.-Cu.	3 Ci.-Cu.	2 Ci.-St.	0 —	1·0
5	0 —	5 St.-Cu.	0 —	1 Ci.	0 —	0·0
6	2 Ci.-Cu.	1 Ci.	1 Ci.	1 Ci.	2 Ci.	1·7
7	3 Ci.	4 Cu.	5 Cu.	1 Ci.-St.	0 —	2·7
8	0 —	0 —	0 —	0 —	0 —	0·0
9	4 St.-Cu.	0 —	0 —	0 —	0 —	1·3
10	8 St.-Cu.	0 —	0 —	0 —	0 —	2·7
11	9 St.-Cu.	4 Cu.	1 Cu.	1 Cu.	0 —	3·3
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	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	4 Cu.	0 —	0 —	0 —	0 —	1·3
19	2 Cu.	1 Ci.	1 Ci.	0 —	0 —	1·0
20	1 Cu.	3 Cu.	0 —	0 —	0 —	0·3
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	0 —	0 —	0 —	0 —	0 —	0·0
25	0 —	3 Ci.-Cu.	2 Ci.	1 Ci.	0 —	0·7
26	1 St.	0 —	0 —	2 Ci.-Cu.	1 Ci.-Cu.	0·7
27	3 Cu.	8 Cu.	1 Ci.-Cu.	0 —	0 —	1·3
28	4 Cu.	5 Cu.	4 Cu.	1 Cu.	0 —	2·7
29	0 —	4 Cu.	3 Cu.	0 —	0 —	1·0
30	0 —	0 —	0 —	0 —	0 —	0·0
Mean	1·6	1·4	0·7	0·4	0·1	0·8

* Additional observations not used in the daily mean.

October.

Date	Hours of Observation 8	11 *	14	17 *	20	Mean
1	0 —	0 —	0 —	0 —	0 —	0·0
2	0 —	0 —	0 —	0 —	0 —	0·0
3	2 St.	0 —	0 —	0 —	0 —	0·7
4	0 —	5 Cu.	3 Cu.	1 Ci.-Cu.	1 Ci.	1·3
5	0 —	0 —	1 Ci.	2 Ci.	0 —	0·3
6	0 —	0 —	0 —	0 —	0 —	0·0
7	2 Ci.	0 —	0 —	0 —	0 —	0·7
8	0 —	1 St.	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	0 —	0 —	1 Ci.	1 Ci.	0 —	0·3
16	4 Ci.	0 —	0 —	1 Ci.	0 —	1·3
17	2 St.	0 —	0 —	0 —	0 —	0·7
18	5 Cu.	0 —	0 —	0 —	0 —	1·7
19	0 —	3 Cu.	0 —	0 —	0 —	0·0
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	0 —	0 —	0 —	0 —	0 —	0·0
25	0 —	0 —	1 Ci.	0 —	0 —	0·3
26	0 —	0 —	0 —	1 Ci.	0 —	0·0
27	3 Ci.	3 Ci.	0 —	0 —	0 —	1·0
28	7 Ci.	7 Ci.	3 Ci.-Cu.	0 —	0 —	3·3
29	0 —	0 —	1 Ci.	1 Ci.	0 —	0·3
30	0 —	0 —	0	0 —	0 —	0·0
31	2 Ci.	0 —	0	0 —	0 —	0·7
Mean	0·9	0·6	0·3	0·2	0·0	0·4

November.

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

* Additional observations not used in the daily mean.

December.

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

ACTINOMETRIC OBSERVATIONS.

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

1916.

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	26·6	37·0	10·4	32·2	51·3	19·1	34·4	53·1	18·7	39·0	57·1	18·1	39·3	54·8	15·5	43·8	60·0	16·2
2	24·3	36·7	12·4	28·7	44·9	16·2	32·0	38·9	6·9	35·1	50·9	15·8	42·8	60·0	17·2	45·0	60·6	15·6
3	15·8	35·3	19·3	29·2	45·5	16·3	40·3	54·0	13·7	30·9	44·0	13·1	46·5	65·6	19·1	50·6	66·7	16·1
4	21·8	32·8	11·0	30·0	42·3	12·3	33·4	45·2	11·8	37·2	55·0	17·8	45·4	62·7	17·3	52·1	68·8	16·7
5	15·4	33·9	18·5	Drops and Clouds.			34·4	49·0	14·6	35·3	53·2	17·9	43·7	60·5	16·8	55·0	71·8	16·8
6	19·3	26·8	7·5	25·1	35·2	10·1	37·8	54·1	16·3	33·5	45·8	12·3	43·0	59·8	16·8	45·0	60·5	15·5
7	21·5	32·7	11·2	31·6	48·0	16·4	40·9	57·4	17·4	41·0	56·8	15·8	48·5	66·2	17·7	44·0	59·4	15·4
8	21·5	35·0	13·5	33·8	53·0	19·2	40·6	60·7	20·1	44·3	62·0	17·7	42·8	60·7	17·9	45·1	60·5	15·4
9	28·4	44·6	16·2	21·5	32·0	10·5	26·8	32·4	5·6	41·7	57·2	15·5	42·0	58·4	16·4	46·1	61·7	15·6
10	31·0	47·6	16·6	31·0	46·5	15·5	35·4	54·7	19·3	35·5	51·2	15·7	43·5	60·4	16·9	47·5	62·9	15·4
11	33·6	52·8	19·2	35·6	54·8	19·2	26·4	36·8	10·4	38·2	57·1	18·9	45·2	62·8	17·6	47·3	63·5	16·2
12	25·1	37·0	11·9	34·5	54·7	20·2	32·0	48·9	16·9	30·8	35·3	4·5	49·7	65·6	15·9	49·7	65·7	16·0
13	18·1	37·0	18·1	30·6	47·0	16·4	33·5	49·9	16·4	31·7	42·7	11·0	49·5	63·9	15·4	50·1	65·9	15·8
14	27·0	44·3	17·3	28·9	42·0	13·1	37·7	56·6	18·9	34·4	51·5	17·1	50·5	66·3	15·8	49·9	65·3	15·4
15	29·6	49·6	20·0	Rain and Clouds.			37·0	53·4	16·4	39·4	57·8	18·4	53·8	70·1	16·3	49·8	65·8	16·0
16	25·9	40·2	14·3	28·3	44·2	15·9	37·5	55·6	17·1	39·9	55·6	15·7	54·5	70·3	15·8	49·7	65·2	15·5
17	27·5	44·9	17·4	24·8	35·8	11·0	41·7	60·0	18·3	43·4	59·5	16·1	55·1	71·4	16·3	51·2	67·8	16·6
18	21·4	30·2	8·8	33·6	52·8	19·2	27·0	36·3	9·3	30·5	40·2	9·7	46·6	63·7	17·1	45·0	58·0	13·0
19	19·8	30·0	10·2	34·5	53·8	19·3	28·0	41·0	13·0	36·2	54·1	17·9	43·1	59·7	16·6	47·7	60·4	12·7
20	19·6	30·1	10·5	21·9	28·1	6·2	31·2	47·7	16·5	37·0	52·0	15·0	40·0	56·3	16·3	53·3	68·7	15·4
21	29·5	49·7	20·2	33·9	52·9	19·0	35·0	53·4	18·4	42·2	61·0	18·8	41·6	58·0	16·4	51·9	65·1	13·2
22	28·5	46·1	17·6	35·6	54·0	18·4	37·4	55·3	17·9	46·0	64·8	18·8	42·1	59·3	17·2	54·5	68·6	14·1
23	28·0	46·6	18·6	32·0	49·2	17·2	39·0	55·3	16·3	44·3	59·4	15·1	38·9	55·1	16·2	54·7	71·0	16·3
24	18·0	20·1	2·1	30·5	47·7	17·2	40·0	55·6	15·6	47·4	64·7	17·3	39·2	55·4	16·2	52·4	68·6	16·2
25	18·3	28·1	9·8	33·7	53·2	19·5	41·0	59·0	18·0	40·4	67·0	17·6	42·0	59·0	17·0	47·3	61·3	14·0
26	27·0	46·0	19·0	35·5	55·0	19·5	37·5	53·3	15·8	50·6	66·4	15·8	41·6	57·4	15·8	47·3	61·1	13·8
27	17·8	29·2	11·4	33·2	48·4	15·2	38·0	53·8	14·9	41·1	56·6	15·5	42·6	58·2	15·6	48·7	64·7	16·0
28	28·2	46·0	17·8	28·8	42·0	13·2	41·0	56·5	14·9	39·8	53·8	14·0	36·1	62·2	16·1	50·3	66·3	16·0
29	29·5	48·7	19·2	31·6	48·7	17·1	40·2	62·0	15·8	42·4	60·1	17·7	50·2	67·0	16·8	46·9	58·8	11·9
30	30·4	47·8	17·4	—	—	—	44·0	59·2	15·2	40·1	56·6	16·5	42·4	58·0	15·6	49·8	65·7	15·9
31	30·5	48·4	17·9	—	—	—	38·3	56·2	17·9	—	—	—	43·2	59·3	16·1	—	—	—
Mean	24·51	39·20	14·69	30·76	46·78	16·02	36·42	51·85	15·43	39·28	54·98	15·70	45·01	61·58	16·57	49·06	64·35	15·29

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	48·1	63·9	15·8	50·7	66·9	16·2	46·6	64·1	17·5	42·1	58·7	16·6	36·7	52·6	15·9	30·4	45·2	14·8
2	44·8	58·6	13·8	47·3	64·6	17·3	44·8	60·8	16·0	42·5	58·8	16·3	35·5	51·7	16·2	34·7	53·3	18·6
3	46·8	60·2	13·4	43·3	58·1	14·8	43·4	60·9	17·5	41·8	60·6	18·8	33·2	48·8	15·6	34·5	53·4	18·9
4	47·6	63·8	16·2	45·0	62·0	17·0	44·0	63·7	19·7	36·8	50·0	13·2	20·5	32·1	11·6	32·0	49·2	17·2
5	47·2	60·5	13·3	45·0	61·7	16·7	41·0	57·6	16·6	38·0	54·2	16·2	28·5	36·8	8·3	34·8	53·5	18·7
6	48·2	61·8	13·6	43·8	58·6	14·8	43·5	61·3	17·8	39·2	58·1	18·9	32·4	47·0	14·6	36·4	55·6	19·2
7	49·9	65·6	15·7	43·5	58·1	14·6	45·4	65·0	16·6	36·0	50·5	14·5	37·8	56·9	19·1	25·2	30·0	4·8
8	50·1	66·2	16·1	45·2	61·9	16·7	44·3	62·0	17·7	37·9	56·7	18·8	38·1	57·1	19·0	33·5	52·2	18·7
9	47·2	61·0	13·8	45·0	61·8	16·8	43·9	59·2	15·3	39·7	59·0	19·3	36·9	55·9	19·0	34·3	52·0	17·7
10	46·4	60·0	13·6	42·3	57·8	15·5	43·0	60·6	17·6	39·6	57·8	18·2	30·0	57·7	18·7	34·9	53·5	18·6
11	51·0	66·0	15·0	43·0	60·0	17·0	45·8	63·7	17·9	40·9	59·8	18·9	42·5	59·5	17·0	33·5	49·8	16·3
12	51·3	67·0	15·7	43·0	59·7	16·7	43·2	58·9	15·7	39·5	55·9	16·4	42·4	59·7	17·3	34·2	52·7	18·5
13	49·2	62·8	13·6	42·3	57·1	14·8	46·2	64·7	18·5	40·9	59·8	18·9	42·5	59·0	16·5	34·2	52·3	18·1
14	51·6	67·1	15·5	43·6	58·1	14·5	50·0	67·7	17·7	42·4	61·0	18·6	43·0	62·7	19·7	32·2	52·3	19·1
15	49·1	64·8	15·7	47·4	64·1	16·7	47·5	64·9	17·4	41·0	55·1	14·1	33·6	44·7	11·1	33·4	52·1	18·7
16	45·6	59·3	13·7	44·2	59·1	14·9	49·4	67·6	18·2	40·3	54·7	14·4	38·0	55·3	17·3	37·0	55·7	18·7
17	47·5	63·5	16·0	45·7	60·6	14·9	41·6	57·2	15·6	41·7	60·0	18·3	37·7	56·7	19·0	35·0	53·7	18·7
18	47·0	62·7	15·7	47·0	63·7	16·7	41·4	57·2	15·8	37·4	53·7	16·3	30·5	43·7	13·2	32·2	49·0	16·8
19	48·0	61·4	13·4	49·5	66·7	17·2	42·7	60·6	17·9	36·7	52·9	16·2	35·0	53·1	18·1	32·0	47·9	15·9
20	43·2	57·2	14·0	46·9	64·0	17·1	42·2	57·8	15·6	39·5	58·0	18·5	33·7	46·5	12·8	32·4	48·0	15·6
21	45·4	62·3	16·9	48·5	66·3	17·8	44·4	62·6	18·2	39·5	58·4	18·9	41·0	59·7	18·7	35·0	53·8	18·8
22	46·9	62·4	15·5	45·0	62·2	17·2	47·6	66·8	19·2	39·7	58·0	18·3	29·8	35·7	5·9	34·8	53·8	19·0
23	45·0	59·0	14·0	44·7	62·1	17·4	46·7	65·8	19·1	37·5	52·8	15·3	36·5	52·2	15·7	31·9	48·0	16·1
24	43·3	57·8	14·5	48·3	66·7	18·4	40·0	56·2	16·2	39·3	58·2	18·9	41·1	59·7	18·6	32·7	52·0	19·3
25	47·0	63·0	16·0	49·0	65·6	16·6	38·3	54·9	16·6	40·6	59·4	18·8	40·5	59·1	18·6	34·5	54·7	20·2
26	48·0	63·9	15·9	44·0	58·8	14·8	42·1	60·7	18·6	41·1	59·0	17·9	41·0	59·8	18·8	19·8	23·4	3·6
27	46·0	60·4	14·4	43·5	60·7	17·2	39·5	58·7	19·2	41·4	59·0	17·6	31·8	42·2	10·4	26·0	35·8	9·8
28	46·7	63·2	16·5	46·6	65·0	18·4	38·2	55·0	16·8	40·8	59·8	19·0	28·0	34·7	6·7	30·5	48·6	18·1
29	46·0	62·0	16·0	44·2	58·8	14·6	41·1	60·9	19·8	37·5	55·3	17·8	36·9	55·6	18·7	26·3	38·2	11·9
30	45·0	58·2	13·2	46·8	64·7	17·9	42·2	61·0	18·8	35·7	52·5	16·8	35·5	54·1	18·6	30·0	50·1	20·1
31	48·5	64·0	15·5	45·6	64·0	18·4	—	—	—	38·6	57·8	19·2	—	—	—	21·5	27·9	6·4
Mean	47·34	62·24	14·90	45·48	61·92	16·44	43·67	61·27	17·60	39·54	56·95	17·42	35·99	51·68	15·69	31·96	48·31	16·35

DURATION OF SUNSHINE.

1916.

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	7 20	10 13	9 12	10 45	8 31	11 31	9 40	12 28	11 50	13 20	12 42	13 57	13 12	14 03	12 10	13 36	10 30	12 48	9 52	11 54	8 50	11 00	0 39	10 20
2	8 52	10 14	9 17	10 46	0 00	11 33	9 24	12 30	12 00	13 21	12 51	13 57	12 40	14 02	12 05	13 34	11 10	12 46	9 30	11 51	7 29	10 58	9 00	10 20
3	0 20	10 15	9 28	10 48	6 13	11 36	9 50	12 33	9 48	13 23	12 20	13 58	11 10	14 02	12 22	13 34	11 00	12 45	9 36	11 50	7 06	10 57	8 11	10 19
4	1 12	10 15	8 45	10 50	4 41	11 38	10 38	12 34	10 20	13 24	12 28	13 58	12 36	14 02	12 25	13 32	11 04	12 43	9 25	11 48	6 00	10 55	7 10	10 18
5	4 05	10 15	0 46	10 52	4 20	11 39	10 42	12 36	12 16	13 25	12 12	13 59	13 05	14 01	12 15	13 30	11 00	12 40	9 30	11 47	7 25	10 53	8 56	10 17
6	2 58	10 16	7 34	10 53	0 22	11 41	7 21	12 37	11 57	13 27	12 20	14 00	12 40	14 01	12 15	13 29	10 53	12 39	8 54	11 45	8 55	10 52	8 40	10 17
7	0 35	10 17	0 15	10 54	7 35	11 42	6 20	12 30	11 50	13 29	12 32	14 01	12 57	14 01	12 05	13 28	11 00	12 38	9 24	11 42	8 57	10 51	7 30	10 16
8	2 42	10 18	6 00	10 56	0 30	11 44	8 31	12 41	11 52	13 29	12 25	14 01	13 00	13 59	11 54	13 27	11 12	12 36	0 07	11 41	0 06	10 49	8 32	10 16
9	0 25	10 18	4 52	10 57	2 52	11 46	0 15	12 43	12 27	13 31	13 00	14 02	12 05	13 59	11 54	13 25	10 30	12 33	0 18	11 39	8 00	10 48	8 53	10 15
10	9 25	10 10	0 16	10 59	8 55	11 47	10 33	12 45	12 05	13 33	13 00	14 02	12 50	13 58	12 00	13 23	10 11	12 32	9 15	11 38	9 00	10 46	8 40	10 15
11	9 37	10 20	9 40	11 01	6 50	11 50	10 43	12 46	12 53	13 34	12 47	14 02	12 57	13 57	10 26	13 21	8 23	12 30	9 15	11 36	9 09	10 44	9 10	10 14
12	3 31	10 21	8 26	11 03	9 35	11 52	4 48	12 48	12 04	13 35	13 08	14 03	13 00	13 57	11 18	13 20	10 42	12 29	9 15	11 34	9 09	10 43	8 50	10 13
13	0 00	10 22	9 00	11 03	9 25	11 54	0 43	12 50	7 54	13 36	13 10	14 03	13 00	13 55	12 17	13 19	10 42	12 26	9 15	11 33	9 25	10 42	8 24	10 14
14	4 47	10 23	9 02	11 05	9 45	11 55	4 02	12 51	10 55	13 38	13 14	14 04	12 54	13 55	12 18	13 17	10 12	12 25	9 00	11 31	9 12	10 41	7 36	10 13
15	9 18	10 24	0 00	11 07	9 55	11 57	10 52	12 54	9 56	13 39	13 00	14 04	11 35	13 55	11 55	13 15	10 15	12 23	9 10	11 28	6 11	10 39	8 33	10 12
16	8 42	10 25	7 45	11 09	4 16	12 00	11 38	12 55	10 50	13 40	13 04	14 04	11 33	13 54	12 15	13 14	10 15	12 22	9 00	11 27	6 47	10 37	8 15	10 13
17	6 00	10 26	7 07	11 11	9 42	12 01	12 00	12 57	12 20	13 42	12 51	14 05	10 56	13 52	12 00	13 12	10 10	12 19	9 00	11 25	8 45	10 36	8 40	10 12
18	1 27	10 27	9 27	11 12	2 29	12 03	3 26	12 59	10 45	13 43	12 40	14 04	12 10	13 52	11 36	13 11	10 12	12 17	9 02	11 23	6 45	10 35	9 13	10 11
19	4 42	10 28	9 34	11 14	7 20	12 04	11 23	13 00	8 38	13 44	12 27	14 04	12 30	13 50	12 14	13 09	10 00	12 16	—	11 22	8 12	10 33	8 47	10 12
20	4 11	10 30	1 09	11 16	9 11	12 06	12 10	13 02	12 15	13 45	12 07	14 04	12 30	13 50	12 00	13 08	9 50	12 15	9 33	11 20	7 35	10 33	8 00	10 11
21	9 23	10 31	7 23	11 18	10 06	12 09	12 11	13 04	12 23	13 46	10 52	14 05	12 20	13 49	11 50	13 06	10 10	12 12	9 36	11 18	8 09	10 32	9 07	10 12
22	9 34	10 31	7 28	11 19	10 30	12 10	11 39	13 05	11 44	13 47	11 48	14 05	12 23	13 48	11 45	13 04	10 07	12 10	9 30	11 17	3 34	10 30	8 47	10 11
23	8 05	10 32	9 13	11 21	10 30	12 12	11 00	13 07	12 20	13 49	11 34	14 04	12 45	13 46	12 06	13 03	9 35	12 09	8 50	11 15	8 28	10 29	8 52	10 12
24	5 25	10 34	9 06	11 23	9 08	12 15	11 35	13 08	12 07	13 49	12 47	14 04	12 30	13 45	11 42	13 01	9 20	12 06	9 30	11 13	9 00	10 28	6 45	10 11
25	3 09	10 35	8 17	11 25	8 03	12 16	11 40	13 10	11 34	13 50	11 45	14 04	12 37	13 44	11 53	13 00	9 15	12 04	9 24	11 12	9 24	10 26	6 45	10 12
26	3 00	10 37	8 36	11 26	8 18	12 18	8 55	13 12	12 31	13 51	12 12	14 05	11 08	13 43	11 50	12 58	9 36	12 03	9 22	11 10	9 24	10 26	1 30	10 11
27	2 41	10 38	5 19	11 28	10 15	12 19	10 18	13 13	12 32	13 52	12 30	14 04	12 32	13 42	11 40	12 57	9 34	12 01	9 10	11 08	7 25	10 25	3 00	10 12
28	8 45	10 40	4 27	11 30	8 35	12 21	2 54	13 15	12 30	13 54	12 27	14 04	12 30	13 41	11 27	12 55	9 00	12 00	8 40	11 06	8 28	10 24	7 33	10 13
29	9 27	10 41	6 36	11 30	8 48	12 24	10 50	13 17	12 42	13 54	13 00	14 04	12 04	13 39	11 45	12 52	9 43	11 57	9 08	11 04	8 50	10 23	5 42	10 12
30	9 26	10 43	—	—	9 53	12 25	12 12	13 18	11 30	13 55	13 04	14 03	12 00	13 39	11 51	12 51	9 46	11 56	9 20	11 03	8 54	10 21	4 41	10 13
31	9 25	10 43	—	—	10 19	12 27	—	—	13 02	13 55	—	—	12 07	13 37	11 50	12 49	—	—	9 20	11 02	—	—	6 28	10 14
Mean	5 44	10 26	7 19	11 08	7 54	11 59	9 14	12 54	11 36	13 39	12 32	14 02	12 24	13 52	11 55	13 14	10 11	12 22	9 16	11 27	8 07	10 39	7 27	10 14
Mean percentage	54·9		65·7		65·9		71·6		85·0		89·3		89·4		90·1		82·3		80·9		76·2		72·8	

RAINFALL.

(In millimetres.)

1916.

		14h	20h	8h	Total*	Total for month
January	3	2·9	1·8	9·2	13·9	—
"	4	0·4	2·3	—	2·7	—
"	5	Drops	Drops	—	0·0	—
"	7	—	—	3·7	3·7	—
"	16	—	—	Drops	0·0	—
"	18	—	Drops	—	0·0	—
"	20	Drops	—	—	0·0	—
"	23	—	Drops	0·6	0·6	—
"	24	—	2·1	—	2·1	—
"	26	Drops	Drops	0·6	0·6	—
"	27	Drops	2·4	Drops	2·4	26·0
February	5	Drops	Drops	1·3	1·3	—
"	9	0·3	—	—	0·3	—
"	14	—	—	1·1	1·1	—
"	15	0·3	0·3	—	0·6	—
"	16	—	Drops	—	0·0	—
"	27	Drops	—	—	0·0	3·3
March	18	—	0·7	25·1	25·8	—
"	19	—	Drops	—	0·0	—
"	29	—	—	Drops	0·0	25·8
April	12	—	Drops	Drops	0·0	—
November	4	Drops	Drops	—	0.0	—
December	25	—	4·0	0·6	4·6	—
"	26	Drops	1·1	—	1·1	—
"	27	Drops	0·4	—	0·4	6·1
	TOTAL	3·9	15·1	42·2	—	61·2

* From 8 h. to 8 h next day.

EVAPORATION (in millimetres)

(*See* page .)

DAY'S TOTAL FROM 8 h. to 8 h.

1916

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	3·0	3·9	4·3	6·2	8·9	8·8	12·4	10·8	7·8	6·8	2·7	2·1
2	3·4	3·7	4·7	4·9	8·4	11·5	10·0	9·0	7·4	6·5	3·4	3·6
3	1·3	4·4	5·2	4·2	10·4	17·1	9·9	7·8	6·9	5·8	1·8	3·4
4	1·0	3·0	7·9	4·8	8·9	14·8	9·0	8·5	6·3	6·5	2·7	4·2
5	2·0	1·3	4·5	4·1	10·4	12·0	11·1	7·3	6·7	6·6	3·7	4·0
6	1·2	2·1	5·2	4·7	7·5	10·2	12·6	7·3	7·0	5·8	4·3	2·6
7	2·0	2·6	6·0	7·0	8·7	10·0	10·7	7·5	6·7	5·2	4·8	2·2
8	0·6	[illegible]	6·2	7·4	7·7	11·0	11·5	6·8	7·2	4·5	3·1	2·2
9	1·3	2·2	3·9	8·5	8·6	10·0	9·8	7·5	7·8	5·7	3·6	2·0
10	2·1	2·8	3·8	5·7	9·0	11·2	10·8	7·6	7·1	5·6	3·8	1·9
11	3·0	2·7	5·0	6·6	6·6	11·2	10·4	8·4	7·5	6·4	4·6	2·6
12	2·2	5·0	2·8	7·8	10·6	15·1	11·0	7·4	7·7	7·5	6·1	2·0
13	2·0	3·9	3·2	6·2	8·7	15·3	12·5	5·8	8·0	6·8	6·1	2·6
14	1·7	3·5	4·8	7·1	12·2	13·1	12·4	8·5	10·0	6·0	4·0	2·5
15	1·4	0·4	4·8	4·6	9·8	13·0	9·1	8·6	8·5	6·1	4·1	2·0
16	1·4	2·8	5·2	5·7	10·0	13·4	10·2	7·6	10·2	4·5	3·6	4·8
17	2·0	2·8	4·4	8·1	10·9	13·9	10·5	7·5	5·5	5·8	3·9	3·2
18	1·2	2·0	2·9	6·9	9·5	10·7	8·8	8·2	5·9	5·0	5·1	2·7
19	1·4	4·8	3·4	5·5	8·1	10·8	9·8	7·4	6·5	5·4	4·8	2·7
20	1·9	2·0	3·9	7·2	7·2	19·0	8·4	8·8	7·2	4·4	3·9	2·2
21	3·0	2·4	3·2	8·1	7·6	15·8	7·8	9·6	8·0	5·8	4·0	3·0
22	2·6	3·1	4·6	7·4	8·2	19·2	9·0	7·4	7·4	4·7	4·2	3·4
23	2·4	3·4	5·2	10·7	7·6	17·2	9·0	8·0	7·1	5·7	3·2	2·1
24	0·6	3·4	6·7	10·9	7·5	12·6	7·5	11·7	6·5	5·6	6·8	2·0
25	2·9	3·6	7·4	12·4	7·5	9·8	8·4	9·3	6·6	4·9	7·5	0·5
26	1·6	4·1	4·9	9·6	7·9	10·4	8·6	8·5	5·9	5·3	7·2	0·4
27	0·9	2·7	6·2	8·1	9·1	10·1	9·1	6·7	5·4	6·1	4·8	0·7
28	2·0	2·3	5·7	6·6	9·2	12·2	8·6	6·4	6·0	5·0	3·2	1·4
29	2·0	3·0	6·5	7·6	8·9	11·3	8·7	10·4	6·6	4·2	3·6	2·2
30	2·1	—	8·2	6·8	8·8	11·0	10·4	9·8	7·9	4·5	3·9	3·1
31	3·0	—	4·8	—	8·0	—	10·4	6·9	—	4·4	—	1·2
Sum	59·2	84·8	158·5	211·4	274·4	341·7	308·4	253·0	215·3	173·1	128·5	75·5
Mean	1·91	2·92	5·11	7·05	8·85	11·39	9·95	8·16	7·18	5·58	4·28	2·44

MISCELLANEOUS PHENOMENA.

1916.

January	25.	a. and p.
"	28.	7^{02}
February	7.	m
"	14.	18^{55}—20^{15}
"	29.	10^{25}
March	3.	a. and p.
"	4.	11^{40}—24^{h}
"	18.	13^{45}—19^{45}
"	30.	10^{30}—12^{30}
April	6.	13^{05}—13^{25}
"	8.	20^{12}
"	13.	10^{30}—19^{h}
"	15.	20^{h}
May	14.	14^{h}
"	15.	n.
June	3.	^{2} p.
"	4.	^{2} a. and n.
"	21.	19^{24}—21^{30}
July	30.	p.
"	31.	p.
August	24.	11^{45}—21^{30}
"	25.	p.
November	2.	N.W. 18^{06}—19^{55}
"	4.	13^{35}
"	27.	13^{50}
December	3.	18^{40}
"	25.	16^{43}, 16^{45}—17^{14}, S 19^{45}.
"	28.	N 20^{h}

CLIMATOLOGICAL FACTORS

TEMPERATURE.

1916.

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 1915	16·2	12·9	20·8	16·4	21·6	11·4	10·2	22·3	12·2	10·1	27·1	23	7·9	1	19·2	1·2
January 1916	11·7	8·7	15·7	12·4	16·8	7·4	9·4	15·6	8·6	7·0	21·5	11	3·5	28	18·0	0·9
February „	14·7	11·4	19·1	15·6	20·3	9·6	10·7	17·3	12·4	4·9	24·1	22–27	4·9	4	19·2	1·1
March „	19·6	16·3	25·0	20·7	26·5	13·4	13·1	28·8	14·3	14·5	37·6	29	8·4	11	29·2	2·3
April „	21·6	18·3	27·5	22·5	29·2	14.5	14·7	30·2	16·7	13·5	41·0	26	10·4	19	30·6	2·2
May „	25·7	22·5	32·3	27·0	33·8	18·3	15·5	36·0	20·4	15·6	46·0	17	14·4	24	31·6	1·9
June „	30·1	26·4	37·2	31·9	38·6	21·6	17·0	35·0	24·0	11·0	45·0	22	17·0	1	28·0	1·6
July „	29·4	25·4	35·4	31·6	36·9	22·0	14·9	32·7	26·5	6·2	40·1	13	20·6	23	19·5	1·0
August „	27·5	24·4	32·9	29·3	34·3	21·4	12·9	31·1	24·7	6·4	39·3	1	18·3	13	21·0	1·1
September „	25·5	23·0	30·7	26·3	32·0	20·0	12·0	29·2	21·7	7·5	38·3	14	16·1	29	22·2	1·0
October „	22·0	19·8	27·1	22·6	28·3	17·1	11·2	24·6	20·2	4·4	31·9	15	14·7	8	17·2	0·7
November „	21·0	18·2	25·8	21·1	27·3	16·1	11·2	24·3	18·3	6·0	33·4	14	11·5	28	21·9	1·0
December „	16·7	13·7	21·4	17·2	22·5	12·2	10·3	19·4	13·3	6·1	25·4	16	7·7	31	17·7	0·9
Civil year	22·1	19·0	27·5	23·2	28·9	16·1	12·8	36·0	8·6	27·4	46·0	May 17th	3·5	Jan. 28th	42·5	1·3
Meteor. year	22·1	18·9	27·5	23·1	28·8	16·1	12·7	May 16th	Jan. 27th	—	—	—	—	—	—	1·3

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

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

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

MONTHS	Vapour Pressure Mean mm.	Relative Humidity				Rain		Cloudiness 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 1915	8·5	79	43	64	64	3·5	2	3·3	229·2	72·3	83	16·2	32	55·1
January 1916	6·4	77	49	61	64	26·0	7	4·7	177·5	54·9	59	13·2	213	53·6
February „	6·5	70	36	49	54	3·3	4	3·3	212·2	65·7	85	15·1	30	52·8
March „	7·2	59	29	40	46	25·8	1	3·1	244·9	65·9	158	16·5	4	48·9
April „	6·8	56	21	32	40	Drops	0	3·2	277·2	71·6	211	19·3	2	48·2
May „	8·5	53	20	30	40	0·0	0	1·8	359·8	85·0	274	20·3	6	49·1
June „	9·8	54	14	24	36	0·0	0	0·3	376·2	89·5	382	22·8	11	45·9
July „	12·5	68	20	30	46	0·0	0	0·3	384·3	89·4	308	18·5	351	45·4
August „	12·5	65	27	42	50	0·0	0	0·4	369·4	90·1	253	17·8	359	46·9
September „	12·3	68	30	48	54	0·0	0	0·8	305·3	82·3	215	19·1	6	48·7
October „	11·2	73	36	54	59	0·0	0	0·4	278·2	80·9	173	20·9	20	52·7
November „	10·3	72	38	56	58	Drops	0	2·9	243·6	76·2	128	17·2	28	51·2
December „	8·3	73	44	56	61	6·1	3	3·2	230·8	72·8	76	11·4	32	52·4
Civil year	9·4	66	30	43	51	61·2	15	2·0	3459·4	77·0	2322	17·7	358	49·6
Meteor. year.	9·4	66	30	44	51	58·6	14	2·0	3457·8	77·0	2329	18·1	358	49·9

* These are true means, *see* page VII.

NOTES.—Minimum vapour pressure ... ... 0·3 mm. April 25, at 16h.
Maximum „ „ ... ... 20·2 mm. July 13, at 8h.
Minimum relative humidity ... ... 1% April 25, at 16h.
Of the rainfall ... ... 25·8 mm. fell on March 18.
Maximum evaporation ... ... 19·2 mm. June 22.
Minimum standard pressure ... ... 734·0 mm. April 12, at 1h.
Maximum „ „ ... ... 758·8 mm. January 21, at 10h.

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
1916																											
January	−0·5	−0·4	−0·2	−0·1	0·0	+0·2	+0·2	−0·1	−1·2	−1·7	−0·6	+1·4	+2·1	+1·7	+1·0	+0·4	+0·1	+0·2	+0·3	+0·1	−0·3	−0·5	−0·4	−0·8	−0·5	29	1°57·'3
February	−0·7	−0·6	−0·4	−0·3	−0·1	+0·1	+0·3	+0·4	−0·5	−1·4	−1·5	−0·6	+0·7	+1·5	+1·5	+1·3	+1·0	+0·6	+0·6	0·0	−0·3	−0·5	−1·0	−0·8	−0·6	29	1 57·8
March	−1·0	−1·0	−0·8	−0·7	−0·5	−0·6	−0·4	−1·1	−2·2	−2·4	−1·3	+0·3	+2·0	+3·1	+3·0	+2·1	+1·2	+0·7	+0·9	+0·6	−0·2	−0·4	−0·7	−0·8	−0·9	27	1 56·4
April	−0·6	−0·7	−0·5	−0·4	−0·5	−0·5	−1·2	−2·6	−3·7	−3·8	−1·9	+0·7	+2·7	+3·7	+3·8	+2·9	+1·8	+0·7	+0·5	+0·5	0·0	−0·3	−0·5	−0·4	−0·5	29	1 55·4
May	−0·4	−0·5	−0·7	−0·7	−0·6	−1·3	−2·8	−3·7	−3·4	−2·2	0·0	+2·2	+3·5	+3·6	+3·3	+2·6	+1·5	+0·5	+0·2	+0·1	0·0	−0·3	−0·2	−0·3	−0·4	31	1 55·0
June	−0·4	−0·6	−0·6	−0·6	−0·6	−1·0	−2·8	−3·8	−4·0	−3·0	−1·0	+1·0	+2·7	+3·5	+3·7	+3·2	+2·4	+1·4	+0·5	+0·4	+0·4	0·0	−0·2	−0·4	−0·4	30	1 54·6
July	−0·5	−0·3	−0·4	−0·4	−0·5	−0·7	−2·6	−3·9	−4·0	−3·0	−0·9	+1·4	+2·8	+3·5	+3·5	+3·1	+2·2	+1·3	+0·6	+0·5	+0·3	0·0	−0·4	−0·5	−0·5	30	1 52·7
August	−0·5	−0·5	−0·5	−0·7	−0·8	−1·1	−2·5	−3·7	−3·7	−2·3	+0·2	+2·5	+3·3	+3·6	+3·3	+2·5	+1·4	+0·5	+0·2	+0·2	−0·1	−0·3	−0·4	−0·3	−0·6	30	1 50·9
September	−0·3	−0·5	−0·6	−0·5	−0·6	−0·8	−1·5	−3·0	−3·6	−2·2	+0·5	+2·8	+3·7	+3·7	+2·7	+1·4	+0·3	+0·1	+0·2	+0·3	−0·3	−0·3	−0·4	−0·6	−0·4	29	1 50·8
October	−0·6	−0·5	−0·4	−0·2	0·0	+0·2	−0·1	−1·3	−2·6	−2·2	−0·7	+1·2	+2·5	+2·9	+2·3	+1·3	+0·5	+0·5	+0·4	−0·1	−0·4	−0·6	−0·6	−0·6	−0·5	30	1 51·5
November	−1·0	−0·9	−0·6	−0·2	+0·2	+0·4	+0·2	−0·4	−1·2	−1·3	−0·5	+0·9	+1·8	+1·9	+1·3	+0·9	+0·8	+0·7	0·0	−0·1	−0·6	−0·9	−0·0	−0·8	−1·1	29	1 50·5
December	−0·9	−0·6	−0·3	−0·2	0·0	+0·3	+0·4	+0·2	−0·3	−0·7	−0·1	+1·2	+1·5	+1·0	+0·3	+0·1	0·0	+0·4	0·0	−0·3	−0·5	−0·6	−0·8	−0·8	−0·8	31	1 51·6
Mean	−0·6	−0·6	−0·5	−0·4	−0·3	−0·4	−1·1	−1·9	−2·5	−2·2	−0·6	+1·2	+2·5	+2·8	+2·5	+1·8	+1·1	+0·6	+0·4	+0·2	−0·2	−0·4	−0·5	−0·6	−0·6	30	1 53·7

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

HORIZONTAL INTENSITY.

(The unit = 1 γ = 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
1916																											γ
January	−2	−1	+1	+2	0	+3	+5	+9	+8	+1	−3	+1	+6	+8	+5	+2	−2	−7	−5	−5	−3	−6	−7	−1	−5	29	29994
February	−6	−5	−4	−4	−5	−3	+1	+8	+14	+17	+16	+15	+15	+10	+3	−2	−5	−6	−8	−8	−9	−11	−7	−8	−6	29	30014
March	−3	−5	−7	−6	−7	−6	−3	−1	−1	+1	+8	+18	+23	+22	+16	+7	−1	−5	−10	−12	−10	−9	−9	−6	−1	26	29985
April	−6	−4	−3	−1	−1	−4	−2	−5	−6	−3	+4	+16	+23	+23	+18	+9	0	−8	−10	−8	−8	−6	−6	−5	−4	29	29997
May	−4	−3	−5	−4	−2	−4	−8	−15	−14	−7	+6	+19	+29	+28	+22	+13	+1	−8	−13	−13	−9	−7	−7	−6	−4	31	29998
June	−2	−3	−3	−3	−3	−1	−1	−7	−12	−11	−3	+9	+18	+22	+20	+13	+2	−7	−10	−9	−7	−4	−4	−2	−2	30	29996
July	−3	−2	−2	+1	+1	+2	−1	−7	−14	−17	−11	+1	+14	+20	+20	+15	+6	−7	−10	−5	−2	−2	0	−1	−2	30	29977
August...	−1	+2	+1	0	0	+1	0	−8	−17	−18	−9	+2	+11	+19	+21	+14	+4	−4	−6	−4	−2	0	+2	+3	+1	30	29968
September	+6	+2	+2	+2	+1	+1	0	−7	−16	−16	−10	0	+13	+19	+20	+12	+1	−6	−10	−7	−6	−4	0	0	+7	30	29963
October	+2	+1	0	0	0	0	+2	−2	−5	−5	+1	+13	+18	+17	+10	0	−9	−9	−12	−7	−7	−4	+2	0	+3	30	29961
November	−1	0	0	−3	−2	−2	+3	+6	+7	+9	+10	+13	+16	+8	−2	−6	−11	−10	−9	−7	−7	−3	−2	−3	0	29	29970
December	−3	−5	−3	−2	−1	+2	+6	+9	+9	+6	+3	+7	+7	+5	0	−4	−7	−8	−7	−8	−5	−5	−5	−4	−2	31	29994
Mean	−2	−2	−2	−2	−2	−1	0	−2	−4	−4	+1	+9	+16	+17	+13	+6	−2	−7	−9	−8	−7	−5	−4	−3	−1	30	29985

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=1 γ =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
1916																											γ
January	+3	+1	0	+1	+2	+1	+2	+3	+5	0	−8	−13	−10	−5	−1	+2	+3	+2	+4	+3	+3	+4	+5	+3	+4	30	26005
February	+2	+2	+2	+2	+2	+2	+2	+2	+3	0	−4	−10	−12	−7	−3	0	+1	+2	+2	+2	+2	+2	+1	+2	+2	29	26021
March	+3	+6	+5	+6	+6	+5	+6	+7	+4	−4	−13	−19	−18	−12	−4	+2	+4	+3	+3	+4	+4	+4	+4	+4	+3	27	26005
April	+4	+6	+6	+5	+6	+7	+9	+9	+5	−6	−19	−23	−19	−13	−5	+1	+4	+4	+2	+2	+4	+4	+5	+5	+5	29	26013
May	+3	+5	+5	+4	+4	+7	+8	+6	−1	−10	−18	−20	−16	−9	−2	+3	+6	+7	+4	+1	+1	+2	+2	+3	+3	31	26031
June	+4	+6	+5	+5	+5	+8	+11	+8	+1	−9	−17	−19	−17	−13	−7	0	+4	+7	+5	+3	+4	+4	+4	+4	+4	25	26028
July	+5	+6	+5	+5	+5	+7	+10	+7	+1	−7	−16	−18	−17	−14	−7	−1	+4	+7	+5	+2	+3	+4	+4	+5	+5	30	26027
August...	+5	+4	+4	+4	+4	+5	+7	+6	0	−9	−17	−16	−14	−10	−4	+3	+5	+6	+4	+2	+3	+4	+4	+5	+5	30	26028
September	+3	+4	+4	+3	+4	+4	+6	+7	+3	−9	−18	−19	−15	−8	−2	+3	+6	+5	+4	+4	+4	+4	+3	+4	+3	30	26025
October	+4	+3	+3	+3	+3	+3	+4	+7	+3	−6	−14	−18	−17	−10	−1	+3	+4	+3	+5	+4	+4	+4	+4	+5	+4	28	26038
November	+3	+2	+2	+3	+2	+3	+2	+2	−1	−6	−13	−17	−14	−6	−1	+2	+3	+3	+4	+3	+3	+3	+3	+4	+3	29	26030
December	+1	+1	0	0	0	0	0	−1	0	−2	−7	−11	−7	−2	+2	+3	+2	+4	+4	+4	+3	+3	+3	+3	+3	31	26065
Mean	+4	+4	+4	+4	+4	+5	+6	+6	+2	−5	−13	−17	−14	−9	−3	+2	+4	+5	+4	+3	+4	+4	+4	+4	+4	29	26026

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
1916																										
January	+0·3	+0·1	0·0	0·0	+0·2	−0·1	−0·1	−0·3	−0·1	0·0	−0·3	−0·9	−1·0	−0·8	−0·3	+0·1	+0·3	+0·6	+0·6	+0·5	+0·4	+0·6	+0·8	+0·3	+0·6	40° 55′·5
February	+0·5	+0·5	+0·4	+0·4	+0·5	+0·4	+0·1	−0·3	−0·6	−0·9	−1·1	−1·4	−1·6	−1·0	−0·3	+0·2	+0·4	+0·5	+0·6	+0·6	+0·7	+0·8	+0·5	+0·6	+0·5	55·4
March	+0·3	+0·6	+0·7	+0·7	+0·8	+0·6	+0·5	+0·4	+0·2	−0·4	−1·4	−2·3	−2·5	−2·1	−1·2	−0·3	+0·2	+0·4	+0·7	+0·9	+0·8	+0·7	+0·7	+0·5	+0·2	56·1
April	+0·6	+0·0	+0·6	+0·4	+0·4	+0·7	+0·7	+0·8	+0·6	−0·2	−1·5	−2·4	−2·6	−2·2	−1·4	−0·5	+0·2	+0·7	+0·7	+0·6	+0·7	+0·6	+0·6	+0·6	+0·5	55·9
May	+0·4	+0·5	+0·6	+0·5	+0·4	+0·7	+1·0	+1·2	+0·7	−0·3	−1·5	−2·4	−2·7	−2·2	−1·4	−0·5	+0·3	+0·9	+1·0	+0·8	+0·6	+0·5	+0·5	+0·5	+0·4	57·0
June	+0·3	+0·5	+0·4	+0·4	+0·4	+0·5	+0·7	+0·8	+0·7	0·0	−1·0	−1·8	−2·2	−2·2	−1·7	−0·8	+0·1	+0·8	+0·8	+0·6	+0·6	+0·4	+0·4	+0·3	+0·3	57·0
July	+0·5	+0·4	+0·4	+0·2	+0·2	+0·3	+0·7	+0·8	+0·8	+0·5	−0·5	−1·3	−2·0	−2·1	−1·7	−1·0	−0·2	+0·8	+0·9	+0·3	+0·2	+0·3	+0·2	+0·3	+0·4	58·0
August...	+0·4	+0·2	+0·2	+0·3	+0·3	+0·3	+0·5	+0·9	+1·0	+0·4	−0·6	−1·2	−1·5	−1·7	−1·5	−0·6	+0·1	+0·6	+0·6	+0·4	+0·3	+0·3	+0·2	+0·2	+0·3	58·5
September	−0·1	+0·2	+0·2	+0·1	+0·2	+0·2	+0·4	+0·9	+1·1	+0·3	−0·6	−1·3	−1·7	−1·6	−1·3	−0·5	+0·3	+0·6	+0·8	+0·7	+0·6	+0·5	+0·2	+0·3	−0·2	58·6
October...	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·1	+0·5	+0·5	−0·1	−1·0	−1·9	−2·2	−1·6	−0·7	+0·2	+0·7	+0·7	+1·0	+0·6	+0·6	+0·4	+0·1	+0·3	0·0	59·6
November	+0·3	+0·2	+0·2	+0·4	+0·3	+0·3	0·0	−0·2	−0·4	−0·9	−1·4	−1·8	−1·8	−0·8	+0·1	+0·5	+0·8	+0·8	+0·8	+0·6	+0·6	+0·4	+0·3	+0·5	+0·2	58·5
December	+0·2	+0·3	+0·1	+0·1	0·0	−0·1	−0·4	−0·6	−0·5	−0·5	−0·7	−1·2	−0·9	−0·5	+0·1	+0·4	+0·5	+0·7	+0·6	+0·7	+0·5	+0·5	+0·5	+0·4	+0·3	59·5
Mean	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·4	+0·3	−0·2	−1·0	−1·7	−1·9	−1·6	−1·0	−0·3	+0·3	+0·6	+0·7	+0·6	+0·5	+0·5	+0·4	+0·4	+0·3	40° 57′·5

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 = 1 γ = 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.	
1916																										γ
January	−2	−1	+1	+2	−1	+3	+5	+8	+8	+1	−3	0	+5	+7	+4	+2	−2	−7	−5	−5	−3	−6	−7	−1	−5	29977
February	−6	−5	−4	−4	−5	−4	0	+7	+14	+17	+16	+15	+14	+9	+2	−3	−6	−7	−9	−9	−10	−12	−7	−8	−6	29997
March	−3	−5	−7	−6	−7	−6	−3	−1	−1	+2	+8	+17	+22	+21	+15	+6	−1	−5	−10	−12	−10	−10	−10	−6	−1	29968
April	−6	−4	−3	−1	−1	−4	−1	−4	−5	−2	+5	+16	+22	+22	+17	+8	0	−8	−10	−8	−8	−6	−6	−4	−4	29980
May	−4	−2	−5	−4	−2	−4	−7	−14	−13	−6	+6	+19	+28	+27	+21	+13	+1	−8	−13	−13	−9	−7	−7	−5	−4	29981
June	−2	−3	−3	−3	−3	0	0	−6	−10	−10	−3	+8	+17	+21	+19	+12	+2	−7	−9	−9	−7	−3	−3	−2	−2	29979
July	−3	−2	−2	+1	+1	+2	0	−6	−13	−16	−11	0	+13	+19	+19	+14	+6	−7	−11	−5	−2	−2	0	−1	−2	29961
August	−1	+2	+1	0	0	+1	0	−8	−17	−18	−10	+1	+10	+17	+19	+12	+3	−5	−7	−5	−3	0	+2	+3	+1	29953
September	+7	+3	+3	+3	+2	+2	+1	−6	−15	−15	−10	0	+12	+18	+20	+12	+1	−6	−10	−7	−5	−3	+1	+1	+8	29947
October	+2	+1	0	0	0	0	+2	−1	−4	−4	+1	+13	+18	+16	+9	0	−9	−9	−12	−7	−7	−4	+2	0	+3	29945
November	−1	0	0	−3	−3	−3	+2	+6	+7	+9	+10	+12	+15	+7	−3	−7	−12	−11	−9	−7	−7	−3	−2	−3	0	29955
December	−3	−5	−3	−2	−1	+2	+6	+9	+9	+6	+3	+7	+7	+5	0	−4	−7	−8	−7	−8	−5	−5	−5	−4	−2	29978
Mean	−1	−1	−1	−1	−1	0	+1	−1	−3	−3	+1	+9	+16	+16	+12	+6	−2	−7	−9	−8	−6	−5	−3	−2	−1	29968

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

WESTERLY COMPONENT OF THE MAGNETIC INTENSITY.

(The unit = 1 γ = 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.	
1916																										γ
January	−5	−4	−2	−2	−1	+1	+1	−1	−11	−16	−6	+11	+18	+14	+8	+3	0	+1	+2	0	−3	−5	−4	−8	−5	1024
February	−6	−5	−3	−2	−1	+1	+3	+4	−4	−11	−12	−4	+7	+14	+13	+12	+9	+5	+5	0	−3	−4	−9	−7	−5	1028
March	−9	−9	−7	−6	−4	−5	−3	−10	−19	−21	−11	+3	+18	+28	+27	+19	+11	+6	+8	+5	−2	−4	−6	−7	−8	1015
April	−6	−6	−5	−4	−5	−5	−11	−23	−33	−33	−17	+6	+24	+33	+34	+25	+15	+6	+4	+4	−1	−3	−5	−4	−5	1007
May	−4	−5	−7	−7	−6	−12	−25	−33	−31	−20	0	+10	+31	+32	+29	+22	+12	+3	+1	0	−1	−4	−3	−3	−4	1004
June	−4	−6	−6	−6	−6	−9	−25	−34	−36	−27	−9	+9	+24	+31	+33	+28	+21	+12	+4	+3	+3	0	−2	−4	−4	1000
July	−5	−3	−4	−4	−5	−6	−23	−35	−36	−27	−9	+12	+24	+31	+31	+27	+19	+11	+4	+4	+2	−1	−4	−5	−5	983
August	−5	−5	−5	−7	−7	−10	−22	−33	−33	−21	+1	+20	+29	+32	+29	+22	+12	+4	+1	+1	−1	−3	−4	−3	−6	967
September	−3	−5	−6	−5	−6	−7	−14	−27	−32	−20	+4	+24	+32	+32	+24	+12	+2	0	+1	+2	−3	−3	−4	−6	−4	966
October	−6	−5	−4	−2	0	+1	−1	−12	−23	−20	−6	+10	+22	+25	+20	+11	+4	+4	+3	−2	−4	−6	−6	−6	−5	972
November	−9	−8	−5	−2	+2	+4	+2	−3	−10	−11	−4	+8	+16	+17	+11	+8	+7	+6	0	−1	−5	−8	−8	−7	−9	963
December	−7	−5	−2	−1	0	+3	+4	+3	−2	−5	0	+11	+14	+9	+3	+1	0	+4	0	−2	−4	−5	−7	−7	−7	973
Mean	−6	−6	−5	−4	−3	−4	−10	−17	−23	−20	−6	+11	+21	+25	+22	+16	+9	+5	+3	+1	−2	−4	−5	−6	−6	992

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

HER. WIN.

TERRESTRIAL MAGNETISM.

DECLINATION (Westerly).

Daily Means.

1° +

1916.

(The unit is one minute of arc).

DAYS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	′	′	′	′	′	′	′	′	′	′	′	°
1	57·9	58·0	57·4	55·5	55·7	54·6	53·1*	51·1	—	51·3	51·2	51·0
2	57·9	57·8	57·4	55·5	55·8	54·7	53·5	51·7	51·2	51·9	51·2	51·4
3	57·7	58·0	57·1	55·9	55·2	54·7	52·5	51·1	50·9	52·1	50·8	51·4
4	57·9	58·1	56·7	55·9	55·5	55·1	52·8	51·0	51·0	51·7	50·2	51·5
5	57·6	58·0	56·9	56·2	55·3	54·9	52·6	51·8	50·8	51·8	50·0	51·7
6	57·9	57·9	56·7	56·1	55·5	55·0	52·7	51·4	50·4	51·4*	49·8	51·7
7	57·6	58·1	56·6	55·7	54·8	54·5	52·8	50·8	50·1	51·0	50·3	51·6
8	57·8	57·8	56·6*	55·4	55·4	54·6	52·2	50·6	50·8	50·8	50·5	51·8
9	58·0	57·9	55·5*	55·3	55·1	54·4	52·5	51·3	51·0	51·2	50·6	51·7
10	58·0	58·2	55·6*	55·5	55·5	55·0	52·5	51·0	51·3	51·2	50·8	51·8
11	56·9	58·0	56·6	55·4	55·0	55·3	53·1	51·0	50·8	51·3	50·9	51·4
12	56·4*	57·8	57·0	55·2	55·2	54·6	52·9	51·4	50·2	51·1	50·4*	52·0
13	57·3	57·8	56·6	55·6	55·4	54·5	52·9	51·2	50·6	50·6	50·4	51·4
14	57·3	57·7	56·7	55·9	55·3	54·7	53·2	51·5	50·9	50·8	50·8	51·9
15	—	58·1	56·3	54·9	54·9	54·9	52·9	51·0	51·3	51·6	50·5	51·4
16	57·2	58·1	56·6	55·1	55·5	54·8	53·4	51·2	51·1	51·3	50·9	51·6
17	57·0	57·9	55·6	55·1	55·2	55·0	52·9	51·2	50·6	51·6	50·9	51·1
18	57·5	57·3	55·8	55·5	55·3	55·1	52·8	51·5	50·8	51·9	50·8	51·9
19	57·2	57·8	56·3	55·5	55·5	54·6	52·7	51·1	51·0	52·1	50·6	51·7
20	57·6	57·3	56·4	55·5	54·9	54·5	52·5	51·0	50·8	52·2	50·8	51·8
21	56·9	57·8	56·2	56·0	55·1	54·1	52·6	50·6	51·1	51·5	50·6	51·4
22	57·0	57·6	55·9	55·5	54·6	54·2	52·8	50·5	51·0	51·7	50·3	51·8
23	56·6	57·4	56·7	55·6	54·3	53·8	53·0	50·5	50·4	51·6	50·5	51·5
24	56·6	57·3	56·2	55·0	54·3	54·4	52·5	50·0	50·9	51·6	50·6	51·8
25	56·9	57·4	55·5	55·0*	54·3	54·4	52·9	50·5	50·9	51·6	50·1	51·5
26	57·1	57·7	56·1	54·1	54·4	54·7	52·6	50·9	51·0	52·0	50·0	51·8
27	56·9	57·4	56·3	55·3	54·2	54·7	52·4	49·1*	50·2	51·5	50·1	51·4
28	57·0	57·6	56·2	54·9	54·3	54·4	52·3	49·6	50·9	51·9	50·1	51·9
29	57·1	57·8	56·1*	54·6	54·6	54·6	52·7	50·3	50·7	51·6	50·3	51·5
30	57·1	—	55·2	54·5	54·7	53·7	52·4	50·0	50·9	51·7	49·8	51·0
31	57·3	—	55·6	—	54·5	—	52·5	50·3	—	52·0	—	51·3
Mean	57·3	57·8	56·3	55·4	55·0	54·6	52·7	50·8	50·8	51·5	50·5	51·6

* These days are disturbed.

TERRESTRIAL MAGNETISM.

HORIZONTAL INTENSITY.

Daily Means.

29900 γ +

1916.

(The unit = 1 γ = 10^{-5} C.G.S. units).

DAYS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	100	115	104	81	99	80	68*	86	66	42	72	65
2	101	114	114	94	106	92	79	75	66	53	75	70
3	101	115	96	101	95	95	74	60	51	56	59	75
4	97	123	—	108	102	103	82	75	53	64	47	85
5	89	117	83	114	107	108	75	79	51	69	34	92
6	104	115	90	108	102	102	72	58	59	24*	46	89
7	99	118	74	106	102	93	77	61	58	23	49	95
8	105	115	69*	100	93	88	74	69	60	28	59	87
9	104	108	32*	102	98	87	45	71	67	46	62	92
10	105	112	47*	111	106	93	63	72	83	52	64	94
11	79	119	79	106	94	108	68	78	63	45	65	93
12	60*	115	87	107	93	101	71	84	55	45	59*	95
13	77	114	87	111	102	95	73	83	51	32	66	92
14	—	119	92	119	100	103	73	76	66	26	68	97
15	87	119	93	93	101	98	76	75	62	45	75	92
16	82	121	101	91	110	102	89	85	58	57	82	88
17	92	125	69	100	105	104	80	86	45	63	85	84
18	96	106	63	87	102	108	75	91	55	71	78	94
19	102	105	74	104	108	96	82	86	61	80	79	98
20	97	113	83	116	110	87	81	67	67	76	82	99
21	88	116	81	107	97	87	80	70	73	68	80	100
22	90	110	89	108	75	83	90	77	80	70	80	103
23	85	112	93	104	82	79	84	52	68	74	72	113
24	87	104	85	108	79	89	74	47	65	76	78	119
25	84	112	83	92*	90	108	78	59	73	74	85	111
26	90	114	75	61	94	100	80	75	77	85	90	104
27	95	118	89	73	93	99	83	01*	56	78	90	92
28	97	109	99	70	99	93	79	25	64	84	73	95
29	99	112	78*	53	104	102	75	37	71	88	75	96
30	97	—	55	82	101	84	87	44	68	81	65	91
31	102	—	68	—	74	—	92	50	—	83	—	98
Mean	93	114	81	97	98	96	77	66	63	60	70	93

* These days are disturbed.

TERRESTRIAL MAGNETISM.

VERTICAL INTENSITY.

Daily Means.

25900 γ +

1916.

(The unit = 1 γ = 10^{-5} C.G.S. units).

DAYS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	91	123	114	109	126	130	130*	124	129	131	133	137
2	90	124	110	105	129	132	129	122	131	130	129	140
3	93	123	111	106	128	128	129	124	131	131	127	142
4	92	120	112	98	129	128	127	119	129	128	130	145
5	95	124	111	99	135	127	128	126	125	131	128	147
6	88	128	112	100	137	135	126	128	122	139*	129	146
7	93	127	113	102	136	137	127	123	122	136	130	151
8	95	124	115*	104	137	137	128	127	124	136	129	156
9	96	126	120*	102	133	134	136	127	123	136	130	160
10	100	124	112*	105	136	134	136	128	123	138	129	163
11	104	120	106	106	138	133	135	132	125	141	131	166
12	109*	120	102	108	135	135	134	130	125	147	136*	163
13	108	119	99	104	134	136	127	129	124	150	137	164
14	109	118	101	107	135	129	132	129	121	152	136	167
15	112	120	95	111	139	131	132	135	123	—	130	168
16	111	120	98	115	137	131	129	127	124	—	131	172
17	112	119	99	115	133	130	128	124	127	148	130	172
18	110	120	102	115	134	127	123	128	126	145	130	171
19	109	119	106	115	127	130	123	128	123	142	127	171
20	108	120	102	113	124	127	121	131	123	141	128	173
21	110	118	104	118	125	130	121	131	123	141	128	172
22	109	119	101	119	125	—	120	132	122	141	128	170
23	108	121	99	123	121	—	120	129	124	140	132	173
24	111	119	103	120	123	—	122	131	127	139	130	175
25	110	119	108	124*	122	—	124	127	127	139	126	180
26	116	119	110	130	120	—	124	127	125	137	131	179
27	116	118	108	133	124	108	126	139*	127	138	127	182
28	115	118	104	136	127	108	129	135	126	133	124	180
29	117	115	107*	137	130	112	128	132	125	132	125	179
30	118	—	106	127	131	119	126	133	127	134	131	180
31	118	—	110	—	137	—	123	128	—	132	—	180
Mean	106	121	106	114	131	128	127	129	125	138	130	165

* These days are disturbed.

MEAN MONTHLY VALUES OF THE MAGNETIC ELEMENTS.

1916.	Declinaiton 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	1° 57'·3	40° 55'·5	0· 29994	0· 26005	0· 29977	0· 01024	0· 39697
February	1 57·8	40 55·4	0· 30014	0· 26021	0· 29997	0· 01028	0· 39723
March	1 56·4	40 56·1	0· 29985	0· 26005	0· 29968	0· 01015	0· 39691
April	1 55·4	40 55·9	0· 29997	0· 26013	0· 29980	0· 01007	0· 39705
May	1 55·0	40 57·0	0· 29998	0· 26031	0· 29981	0· 01004	0· 39717
June	1 54·6	40 57·0	0· 29996	0· 26028	0· 29979	0· 01000	0· 39715
July	1 52·7	40 58·0	0· 29977	0· 26027	0· 29961	0· 00983	0· 39700
August	1 50·9	40 58·5	0· 29968	0· 26028	0· 29953	0· 00967	0· 39694
September	1 50·8	40 58·6	0· 29963	0· 26025	0· 29947	0· 00966	0· 39688
October	1 51·5	40 59·6	0· 29961	0· 26038	0· 29945	0· 00972	0· 39695
November	1 50·5	40 58·5	0· 29970	0· 26030	0· 29955	0· 00963	0· 39696
December	1 51·6	40 59·5	0· 29994	0· 26065	0· 29978	0· 00973	0· 39737
MEAN...	1° 53'·7	40° 57'·5	0· 29985	0· 26026	0· 29968	0· 00992	0· 39705

TERRESTRIAL MAGNETISM.

Description of Principal Magnetic Disturbances during 1916.

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.

All times given are Helwân local time, *i.e.* two hours five minutes fast on Greenwich.

γ = 0·00001 C.G.S. units.

Horizontal Intensity.	Vertical Intensity.	Declination.
January 11 and 12.		
Maximum 0·30034 at 23 h. 28 m. on Jan. 11. Minimum 0·29873 at 1 h. 6 m. on January 12. Range 161 γ.	Maximum 0·26030 at 23 h. 59 m. on Jan. 11. Minimum 0·25988 at 22 h. 54 m. on Jan. 11. Range 42 γ.	Maximum 2° 1′ at 11 h. 59 m. on January 11 Minimum 1° 50′ at 20 h. 54 m. on January 11 Range 11′.
March 8 to 10.		
Sudden decrease of 37 γ at 13 h. 3 m. on March 8. Sudden increase of 46 γ at 16 h. 34 m. on March 10. Maximum 0·30107 at 12 h. 38 m. on March 8. Minimum 0·29778 at 17 h. 42 m. on March 8. Range 329 γ.	Sudden increase of 18 γ at 13 h. 3 m. on March 8. Sudden decrease of 21 γ at 16 h. 34 m. on March 10. Maximum 0·26056 at 17 h. 5 m. on March 8. Minimum 0·25976 at 10 h. 19 m. on March 8. Range 80 γ.	Sudden increase of 2′·4 at 13 h. 3 m. on March 8. Sudden decrease of 2′·5 at 16 h. 34 m. on March 10. Maximum 2° 2′ at 15 h. 0 m. on March 8. Minimum 1° 48′ at 19 h. 17 m. on March 9. Range 14′.
March 29.		
Maximum 0·30044 at 11 h. 27 m. Minimum 0·29883 at 18 h. 17 m. Range 161 γ.	Maximum 0·26027 at 16 h. 50 m. Minimum 0·25971 at 10 h. 32 m. Range 56 γ.	Maximum 2° 1′·5 at 14 h. 38 m. Minimum 1° 50′·5 at 8 h. 48 m. Range 11′.
April 25.		
Maximum 0·30058 at 12 h. 24 m. Minimum 0·29866 at 20 h. 49 m. Range 192 γ.	Maximum 0·26056 at 19 h. 2 m. Minimum 0·25995 at 12 h. 26 m. Range 61 γ.	Maximum 2° 0′·5 at 15 h. 3 m. Minimum 1° 49′·5 at 20 h. 35 m. Range 11′.
July 1.		
Sudden increase of 55 γ at 1 h. 25 m. Maximum 0·30048 at 2 h. 32 m. Minimum 0·29917 at 12 h. 10 m. Range 131 γ.	Sudden decrease of 23 γ at 1 h. 26 m. Maximum 0·26051 at 2 h. 48 m. Minimum 0·26008 at 10 h. 54 m. Range 43 γ.	Sudden decrease of 1′·8 at 1 h. 26 m. Maximum 1° 56′·5 at 11 h. 31 m. Minimum 1° 48′ at 7 h. 20 m. Range 8′·5.
August 26 and 27.		
Sudden increase of 69 γ at 21 h. 49 m. on August 26. Maximum 0·30046 at 21 h. 49 m. on Aug. 26. Minimum 0·29840 at 7 h. 48 m. on August 27. Range 206 γ.	Sudden decrease of 26 γ at 21 h. 49 m. on August 26. Two Maxima 0·26058 at 0 h. 34 m. and at 4 h. 35 m. on August 27. Minimum 0·26008 at 21 h. 52m. on August 26. Range 50 γ.	Sudden decrease of 1′·5 at 21 h. 49 m. on August 26. Maximum 1° 56′ at 13 h. 14 m. on August 26. Minimum 1° 45′ at 3 h. 7 m. on August 27. Range 11′.
October 6.		
Maximum 0·29990 at 1 h. 41 m. Minimum 0·29801 at 17 h. 24 m. Range 189 γ.	Maximum 0·26063 at 17 h. 24 m. Minimum 0·26024 at 11 h. 15 m. Range 39 γ.	Maximum 1° 56′ at 14 h. 0 m. Minimum 1° 40′ at 22 h. 13 m. Range 16′.
November 12.		
Sudden decrease of 78 γ at 21 h. 15 m. Maximum 0·30022 at 20 h. 42 m. Minimum 0·29901 at 16 h. 5 m. Range 121 γ.	Sudden increase of 39 γ at 21 h. 15 m. Maximum 0·26072 at 21 h. 15 m. Minimum 0·26025 at 11 h. 38 m. Range 47 γ.	Sudden increase of 2′·3 at 21 h. 14 m. Maximum 1° 53′·5 at 15 h. 20 m. Minimum 1° 47′·5 at 22 h. 18 m. Range 6′.

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_b = + 2·9 mm.

January 1916.

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.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	63·7	61·8	61·7	21·2	15·6	17·7	18·9	17·0	55	48	62	8·2	7·8	8·9	6	5	5	Calm	0	NNW	8	Calm	0	Drops	2·0
2	58·7	57·3	56·8	19·1	12·2	12·8	15·8	15·4	73	73	66	8·0	9·7	8·6	5	6	6	Calm	0	W	13	WSW	9	10·0	1·0
3	54·8	52·8	53·9	16·7	10·7	11·9	15·2	10·8	63	66	66	9·5	8·5	8·7	10	10	10	SW	12	NNW	21	Calm	0	17·0	1·2
4	54·2	55·2	57·0	16·2	9·5	14·0	15·8	15·1	70	60	56	8·4	8·0	7·2	9	8	7	WNW	12	NW	24	WNW	24	10·0	1·8
5	56·9	55·8	57·9	15·7	9·3	10·1	13·0	12·7	76	78	66	7·0	8·7	7·2	10	10	10	SW	20	WSW	27	W	17	23·0	1·6
6	59·6	60·3	61·1	18·1	8·9	14·4	16·0	15·2	67	57	56	8·2	7·8	7·2	8	9	10	WNW	20	NW	20	W	14	3·0	1·8
7	59·1	55·8	54·9	16·8	9·9	10·5	16·2	10·8	72	40	90	6·8	6·6	8·6	9	4	10	SW	14	SW	17	SW	21	2·0	1·4
8	54·4	56·9	60·7	15·8	9·2	9·9	13·8	11·7	94	71	79	8·5	8·3	8·1	10	5	0	Calm	0	Calm	0	Calm	0	0·0	0·4
9	64·5	63·8	65·5	18·2	8·5	10·7	17·0	13·2	83	60	74	7·9	8·6	8·3	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·2
10	66·1	65·2	66·2	20·1	9·6	11·7	19·0	14·2	86	56	76	8·7	9·1	9·1	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·0
11	66·0	63·6	64·2	20·8	10·0	12·9	20·1	14·9	86	57	80	9·4	10·2	10·0	0	6	2	Calm	0	Calm	0	Calm	0	0·0	1·0
12	61·8	59·3	58·5	16·0	11·4	12·8	15·1	14·8	89	86	81	9·7	11·0	10·1	10	10	10	Calm	0	Calm	0	Calm	0	Drops	0·6
13	55·5	49·6	54·0	20·2	12·0	13·6	10·1	14·0	71	43	39	8·2	6·9	4·6	10	10	10	S	4	SSW	14	WSW	45	1·0	3·7
14	55·0	56·7	59·3	17·6	7·7	9·8	[illegible]	14·8	61	51	69	8·2	6·8	8·6	10	9	8	W	21	WNW	24	Calm	0	2·0	2·0
15	61·7	61·0	61·2	17·2	8·3	10·3	16·1	13·9	65	42	55	6·1	5·6	6·2	0	1	0	Calm	0	WSW	7	Calm	0	0·0	2·5
16	60·8	59·5	59·4	16·6	7·7	10·0	15·6	14·9	60	48	51	5·5	6·3	6·3	0	4	2	SW	3	WSW	17	WSW	4	Drops	2·6
17	58·8	59·3	61·0	17·2	9·0	11·1	16·1	15·1	84	62	69	8·3	8·5	8·8	10	4	8	NNW	12	NNW	10	N	15	7·0	1·7
18	63·1	62·2	62·0	6·8	7·6	15·3	16·2	15·0	54	57	61	6·9	7·8	7·7	10	10	8	NNW	9	NW	12	WNW	10	0·0	2·2
19	63·5	62·8	63·0	20·1	14·3	15·4	17·8	15·1	55	59	58	7·1	8·4	7·4	7	7	7	NNW	4	Calm	0	NW	3	0·0	2·2
20	63·2	59·0	64·2	18·6	14·1	15·2	16·0	15·1	54	61	66	7·0	8·6	8·4	1	3	8	NNW	14	N	12	NNE	3	0·0	2·2
21	66·9	66·8	66·8	18·2	11·4	14·2	16·6	13·4	53	42	53	6·4	5·9	6·0	8	9	8	Calm	0	Calm	0	Calm	0	0·0	1·5
22	64·8	62·7	61·7	17·6	10·3	12·3	16·8	13·1	62	40	54	6·0	6·5	6·1	6	7	2	Calm	0	W	6	Calm	0	Drops	2·4
23	59·3	57·9	57·9	14·0	9·2	10·2	10·0	10·0	62	64	64	5·8	6·3	6·3	3	10	7	SSW	5	Calm	0	Calm	0	2·0	1·2
24	58·2	58·5	59·4	17·7	8·5	13·6	16·2	13·0	69	65	88	8·0	9·0	9·7	3	5	8	NW	3	NW	17	W	7	1·0	3·0
25	59·2	60·2	62·4	14·7	6·5	11·3	12·8	12·8	62	61	56	6·3	6·8	6·2	7	9	3	NW	48	NNW	39	NNW	25	1·0	4·0
26	62·9	61·4	60·9	18·2	7·2	14·0	17·1	14·1	66	55	68	7·8	7·9	8·2	9	3	4	WNW	14	W	27	NW	20	Drops	3·8
27	61·5	60·7	62·5	15·3	10·9	13·0	13·1	11·9	52	54	57	5·8	6·1	5·9	10	7	6	NNW	9	NNW	10	N	7	Drops	2·4
28	65·0	65·3	66·1	17·6	9·7	13·6	15·3	14·0	49	40	49	5·7	5·9	6·1	3	6	6	Calm	0	Calm	0	Calm	0	0·0	1·9
29	66·0	64·6	65·0	19·3	11·1	14·1	18·1	14·1	54	45	59	6·4	7·0	[illegible]	4	5	5	Calm	0	NW	6	Calm	0	Drops	1·0
30	64·4	63·0	64·2	20·2	9·7	12·0	18·8	14·3	63	48	64	6·5	7·8	7·8	0	2	2	Calm	0	Calm	0	Calm	0	0·0	1·0
31	64·5	63·4	64·6	20·2	11·1	13·0	16·1	13·3	87	66	66	9·6	9·1	9·7	9	4	2	Calm	0	Calm	0	Calm	0	0·0	1·3
Month	61·10	60·11	61·14	17·8	10·0	12·6	16·2	13·8	70	57	66	7·5	7·8	7·7	6·0	6·1	5·6	—	7·2	—	10·7	—	7·2	109·0	1·86

Remarks:—1 ●² 21⁵⁰–21⁵⁵, ⌒ N 22h.—2 ● 3³⁰–3³⁵, 13³⁰–18⁵⁰, ● 9h–9⁴⁰, ●² 9⁴⁵–11³⁰, 20³⁰–20⁴⁵, E 20h.—3 ●² 3h–8h, 17⁷–14⁴⁰, 21h–21⁴, ⛈ ●² 8⁵–9³⁰, 9⁴⁰–10h, ⛈ 17⁵⁰–20h.—4 ●² 0h–5³⁵, 12³⁰–12⁵⁵, ●° 8¹⁰–10h, 10⁵–1…, 20¹⁰–20⁵, 21³⁰–22h.—5 ●² 0¹⁰–0⁴⁵, 3¹⁰–3¹⁵, 4¹⁵–4⁴⁵, 12⁵⁰–13⁴⁰, 17⁵⁵–18⁵, 18²⁵–19⁵⁹, 23²⁵–23³⁵, ●² ▲ 16³⁵–17¹¹, 20⁵⁵–21⁴⁰, ⛈ 17⁵⁵, < 19⁵⁵, ┌ ●² 22¹⁰ 2…, ● 0…–0¹⁰, 6²⁰, ●² 1⁴⁰, 8¹⁵–8²², 9¹⁵–9⁵⁸, all day and night long —7 ●° 2³⁰–2³⁵, 3¹⁰–3¹⁵, 6⁴–6⁵, 16⁵⁸–17³, 17⁵⁵–18⁴⁵.—8 ● 2¹⁰–2¹⁵, ●° 3⁵–3³⁵, 4h–4¹⁵.—13 … 4¹⁰–4¹⁵, 5⁴⁵–6h, 16h–24h.—11 ●° 6³⁵–7h, 8⁰⁵–8⁴⁰, 8⁴²–8⁵⁰, ● 7³⁰–8h, 17²⁰–17³⁰.—17 ●° 7h–7⁴⁵, 12h–12⁵, 15²⁵–15³⁰, 22⁵–22⁴⁰, ●² 8⁶–9⁴, 9²–9⁴², 1…–1…, 1…–18…, ⌒ N 9⁰².—22 ● 23¹⁵–23²⁵.—23 ● 13¹⁰–14²⁰.—24 ●° 0²⁰–0²⁵, 16⁵–16⁵, 19⁴⁰–19⁵⁵, 20¹⁵–20²⁰, ≡² 0¹⁰–0³⁵, 1⁴⁰–1⁵⁰, 6…–6²⁰, ● 2¹⁵–2²⁷.—25 ●° 6h–6³⁰, 1…–1⁵⁵, 6h–17h, ●² 6³⁰–7h, 9¹⁵–10¹⁰, ▲ 11¹⁵–11²⁰, ● 15⁵–15²⁰.—26 ● 22⁵–22¹².—27 ●° 8h–8³.—28 ● 2¹⁰–2²⁵, 4¹⁵–4¹⁸, 5³⁰–5³⁰.—30 … 0h–8h, ⌒ 7h, ● …–7¹⁹.—31 ≋ 8h–11h.

C_h = + 2·9 mm.

February 1916.

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.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	64·8	63·5	63·8	18·2	11·4	14·6	16·6	13·4	55	51	63	6·9	7·2	7·2	5	2	1	Calm	0	NE	6	Calm	0	0·0	1·6
2	63·9	62·3	63·8	19·2	11·4	13·8	15·9	13·9	54	51	59	6·3	6·8	5·9	4	4	3	Calm	0	Calm	0	Calm	0	0·0	1·1
3	65·6	65·0	65·1	[illegible]	10·0	13·4	16·1	12·1	72	[illegible]	73	8·2	7·9	7·7	6	4	1	Calm	0	Calm	0	Calm	0	0·0	1·8
4	63·8	63·0	62·9	21·7	10·6	13·8	21·0	15·8	60	[illegible]	54	7·1	5·1	7·1	1	3	0	Calm	0	Calm	0	Calm	0	0·0	3·3
5	61·5	62·2	62·5	17·7	12·2	14·8	16·2	14·2	51	60	83	6·3	9·1	9·9	10	10	10	S	8	Calm	0	Calm	2	1·0	1·0
6	63·4	63·0	63·1	20·2	12·8	16·4	19·0	16·0	71	55	70	9·9	9·0	9·5	1	3	3	Calm	0	WNW	8	Calm	0	0·0	1·0
7	62·4	60·4	59·6	21·2	13·9	17·0	16·8	15·9	73	[illegible]	84	10·5	10·0	11·3	3	7	8	Calm	0	Calm	0	Calm	0	0·0	1·0
8	56·5	53·8	54·2	20·6	11·3	13·2	16·8	15·3	91	[illegible]	78	10·2	9·9	10·0	8	10	9	Calm	0	Calm	0	NW	8	8·0	0·8
9	55·1	56·9	61·1	17·7	10·8	11·9	16·3	15·7	[illegible]	79	94	10·3	9·7	8·5	10	3	1	WNW	16	NW	12	NW	2	5·0	1·1
10	62·7	62·2	63·0	20·7	11·5	13·2	19·8	15·1	[illegible]	47	74	10·1	8·0	9·5	0	1	8	Calm	0	Calm	0	Calm	0	0·0	1·0
11	61·6	58·2	57·6	20·7	10·0	12·6	19·8	16·8	75	39	41	8·1	6·8	5·8	0	0	0	Calm	0	Calm	0	Calm	0	0·0	2·7
12	58·5	59·7	61·5	18·4	11·8	15·6	17·7	15·4	55	59	62	7·3	7·5	8·1	0	0	0	W	12	W	14	NW	8	0·0	1·6
13	63·4	63·4	63·9	18·3	11·3	12·3	16·7	15·1	75	62	67	8·0	8·8	8·6	9	10	1	Calm	0	Calm	0	Calm	0	0·0	0·5
14	63·7	62·1	61·1	21·2	11·2	15·0	16·8	15·0	69	54	69	8·8	7·7	8·8	5	7	8	Calm	0	Calm	0	Calm	0	0·0	1·3
15	59·7	58·2	57·7	20·2	11·8	13·1	19·1	15·1	81	[illegible]	58	9·0	9·9	7·4	5	2	0	Calm	0	Calm	0	Calm	0	0·0	2·1
16	57·8	57·7	58·6	19·3	12·5	15·1	17·9	14·9	63	48	62	8·1	7·3	7·8	7	3	5	W	12	W	6	Calm	0	2·0	2·3
17	57·8	58·1	60·4	19·2	10·8	12·7	17·8	15·2	74	63	68	8·0	9·6	8·8	3	4	0	SW	7	W	16	Calm	0	0·0	1·3
18	60·4	59·9	58·6	20·4	10·5	13·3	19·8	16·0	74	51	70	8·4	8·7	9·5	0	0	7	Calm	0	WSW	5	Calm	0	0·0	2·6
19	56·8	57·6	58·1	18·2	10·9	13·0	14·3	14·0	68	73	58	7·6	8·8	6·9	0	8	3	Calm	1	W	12	W	12	Drops	2·3
20	56·1	53·9	55·1	18·6	10·3	11·8	17·3	15·9	64	59	71	6·5	8·7	9·5	10	10	4	SSW	4	WSW	26	WNW	35	0·0	2·4
21	58·9	59·1	56·4	21·2	11·1	16·0	20·5	16·1	63	60	69	8·5	10·8	9·4	5	1	5	Calm	0	Calm	0	Calm	0	0·0	1·2
22	59·7	59·0	60·1	21·2	12·5	14·6	19·5	15·8	74	55	73	9·1	9·3	9·7	8	8	3	Calm	0	NW	3	Calm	0	0·0	1·8
23	61·7	62·2	62·9	20·6	14·1	16·0	17·9	14·2	63	55	68	8·5	8·3	8·2	3	2	2	Calm	0	Calm	0	Calm	0	0·0	1·6
24	64·4	63·4	64·6	20·8	11·4	13·2	18·1	15·0	75	[illegible]	61	8·3	8·5	7·7	9	2	0	Calm	0	Calm	0	Calm	0	0·0	1·7
25	65·6	65·4	65·0	19·8	12·8	15·2	17·3	15·2	69	57	70	8·9	8·4	9·0	3	0	0	Calm	0	Calm	0	Calm	0	0·0	1·0
26	63·6	62·2	61·5	22·0	11·0	13·0	20·9	17·2	85	42	48	9·3	7·7	7·1	10	0	3	Calm	0	Calm	0	Calm	0	0·0	2·3
27	58·6	56·0	56·0	22·2	12·2	15·3	20·8	17·1	46	59	77	5·9	9·2	11·1	0	6	10	SSW	6	WNW	33	W	6	0·0	2·6
28	58·0	57·5	58·6	20·2	15·0	16·5	18·8	16·1	80	79	70	11·2	11·2	9·5	7	5	6	NW	2	Calm	0	NNW	4	0·0	1·8
29	59·8	59·8	59·8	19·6	14·7	16·1	16·9	15·2	68	62	67	9·3	8·8	8·6	6	10	10	Calm	0	Calm	0	Calm	0	0·0	1·4
Month	60·87	60·16	60·70	19·9	[illegible]	14·2	18·0	15·3	70	[illegible]	66	8·4	8·5	8·6	4·8	4·3	3·8	—	2·3	—	4·9	—	2·7	14·0	1·66

Remarks:—8 ●² …–1…, 2¹⁰–3¹⁵, 5¹⁰–6¹⁰, 7h–8h, ●° 1³⁰–1⁵⁵.—9 ●² 8⁵–9²², 9⁴⁰–9⁵⁰, ⌒ W 9³⁰, ● 20¹⁰–20³⁰.—16 ●² 20²⁵–20²⁸, ●° 20⁴⁵–20⁵⁰, 21³⁵–21⁴⁰.—19 ● 13¹⁵–13²⁰.—20 ∞ 13h–14h.

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.

$C_h = + 2·9$ mm.

March 1916.

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 (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	60·5	59·3	58·9	21·3	13·2	15·2	17·7	15·2	74	57	60	9·6	8·6	8·9	3	4	0	Calm	0	Calm	0	Calm	0	0·0	2·0
2	55·7	51·9	52·4	24·8	12·5	14·5	25·9	20·3	54	33	53	6·7	7·4	9·3	10	10	10	Calm	0	Calm	0	Calm	0	0·0	3·4
3	54·0	53·2	54·2	24·7	13·9	17·0	21·2	17·7	54	73	87	8·2	13·0	[illegible]	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·5
4	54·0	53·4	55·4	20·2	16·1	17·0	19·0	17·0	82	74	[illegible]	11·8	12·0	11·8	5	10	10	Calm	0	NNE	7	ENE	6	0·0	1·0
5	54·7	54·4	55·4	25·6	16·1	17·3	20·6	17·1	79	62	73	11·6	11·2	10·6	5	2	2	ENE	11	NNE	4	Calm	0	0·0	2·0
6	55·8	54·7	55·6	21·2	14·8	18·0	19·8	16·2	80	73	[illegible]	12·3	12·6	12·1	0	0	7	Calm	0	NNW	3	Calm	0	0·0	0·4
7	54·3	53·6	54·2	20·2	13·3	14·2	18·3	16·9	88	80	93	10·6	12·4	13·3	10	7	2	Calm	0	NE	3	Calm	0	0·0	0·3
8	58·7	57·8	58·0	21·6	13·5	17·5	19·3	16·0	90	71	93	13·4	11·8	13·3	9	5	0	Calm	1	NE	4	Calm	0	0·0	0·5
9	56·4	54·0	53·0	24·6	12·8	13·8	20·3	20·8	96	56	37	11·2	10·0	6·7	10	9	4	Calm	0	S	4	Calm	0	0·0	2·7
10	56·0	56·2	55·7	22·1	13·2	17·2	19·0	15·1	55	57	68	8·1	9·3	8·7	5	4	2	WNW	14	WNW	34	W	4	0·0	2·4
11	55·2	55·8	57·2	19·7	12·4	16·4	17·3	15·9	58	[illegible]	62	8·0	10·2	8·4	9	8	4	W	35	W	36	WNW	23	2·0	1·5
12	59·0	58·7	58·8	21·1	13·8	16·6	20·1	15·9	65	55	70	9·1	9·7	9·4	7	3	2	NW	6	W	19	WNW	9	0·0	2·0
13	59·0	58·8	59·6	21·6	14·1	16·8	19·7	15·9	70	64	70	10·0	11·0	9·6	7	1	1	Calm	0	NW	11	Calm	0	0·0	0·3
14	60·6	59·3	59·3	25·7	11·9	14·1	21·8	18·8	81	51	43	9·7	10·5	6·6	3	0	0	Calm	0	Calm	0	Calm	0	0·0	2·0
15	59·5	59·2	59·8	20·8	13·7	16·4	18·9	16·3	80	65	84	11·1	10·6	11·6	5	7	7	NW	8	NW	12	Calm	0	0·0	1·0
16	59·3	57·1	56·1	24·2	14·4	15·8	21·9	18·7	80	49	73	10·7	9·5	11·7	8	9	8	S	4	SE	4	ESE	3	0·0	2·4
17	54·3	53·6	54·4	22·6	13·6	18·7	21·9	17·2	51	67	87	8·1	13·0	12·7	0	0	4	Calm	0	W	24	W	7	0·0	2·0
18	53·5	53·1	52·5	18·7	15·9	17·2	17·2	15·0	77	76	89	11·2	11·4	11·3	6	10	10	WSW	42	W	40	W	46	6·0	2·0
19	55·6	56·3	56·9	19·9	14·2	15·9	19·1	15·7	61	55	64	8·2	8·9	8·5	6	5	8	WNW	10	NW	25	W	24	0·0	2·9
20	56·8	56·9	57·1	20·1	14·3	15·9	18·8	16·1	62	53	66	8·4	9·6	9·2	8	4	5	NW	24	WNW	24	WNW	25	0·0	2·1
21	57·8	55·6	58·7	21·4	14·8	16·7	20·1	15·7	71	56	81	10·1	9·9	10·7	6	4	4	W	26	W	22	Calm	0	0·0	1·4
22	59·7	58·9	59·3	24·1	12·2	15·1	22·9	17·4	80	39	70	10·2	8·2	10·4	0	0	0	Calm	0	Calm	0	Calm	0	0·0	2·6
23	59·1	58·2	58·3	30·4	12·6	15·8	26·8	21·0	58	28	46	7·8	7·2	8·5	0	0	0	S	7	Calm	0	SE	3	0·0	3·9
24	60·2	60·0	60·8	22·3	15·1	17·9	20·5	17·0	77	72	88	11·8	12·9	12·6	3	8	6	Calm	0	N	14	Calm	0	0·0	0·9
25	61·8	61·7	61·2	20·2	16·3	17·1	18·2	16·2	76	77	88	11·4	12·0	12·1	8	9	10	Calm	0	Calm	2	Calm	0	0·0	0·9
26	59·6	58·4	58·0	21·2	15·7	17·7	20·0	17·1	84	66	70	12·2	11·5	10·2	6	4	0	Calm	0	Calm	0	Calm	0	0·0	0·6
27	57·3	55·4	56·2	25·8	14·2	19·5	21·6	16·2	66	62	70	11·8	11·9	11·0	0	4	0	Calm	0	Calm	0	Calm	0	0·0	2·6
28	55·9	55·3	56·2	33·3	15·3	18·5	32·6	22·6	63	23	72	10·0	8·5	14·6	0	9	7	S	8	Calm	0	Calm	0	0·0	3·4
29	57·6	57·2	57·9	25·2	15·9	20·9	21·0	20·1	67	84	73	12·2	15·4	12·7	7	8	10	Calm	0	NNE	6	NNE	9	Drops	3·0
30	57·1	56·3	57·2	28·3	18·4	19·0	21·8	17·8	[illegible]	71	85	14·0	13·7	12·9	10	0	4	Calm	0	NW	8	N	7	Drops	3·2
31	56·3	54·9	54·5	22·2	15·8	17·7	20·1	17·2	64	71	76	9·7	12·4	11·1	6	7	7	NW	11	WNW	27	NW	32	0·0	1·4
Month	57·27	56·52	56·86	23·1	14·3	16·8	20·7	17·4	72	61	74	10·5	10·8	10·8	5·2	4·9	4·[illegible]	—	6·7	—	10·7	—	6·4	8·0	1·89

Remarks:—7 ≡ ⌓ 0^h–8^h.—8 ≋ ⌓ 0^h–8^h.—9 ≋ ⌓ 0^h–8^h.—11 ●^{2} 8^{55}–9^5, 9^{25}–$9^{?}$.—18 [wind symbol] all day and night long. ●^{0} 8^{10}–$8^{?}$, 9^{30}–9^{40}, 12^{10}–12^{15}, ●^{2} 14^{45}–23^{55}.—19 ●^{2} 0^{45}–0^{50}, 1^{30}–1^{38}, ●^{0} 3^h–3^5.—21 ≋ ⌓ 0^h–8^5.—20 ●^{0} $12^{?}$–12^5, 14^6–14^2, 20^{15}–20^{25}, 22^h–$22^{4?}$, ●^{2} 23^5–23^{30}.—30 ●^{0} 1^{15}–1^{25}, 3^{10}–3^{14} 8^h–8^5, 8^{10}–8^{12}.

$C_h = +2·8$ mm.

April 1916.

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.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	55·0	55·2	54·4	22·6	15·0	17·9	19·8	16·9	85	67	70	12·2	11·5	10·0	5	4	2	NW	12	NW	26	NW	31	0·0	1·0
2	54·0	54·4	55·2	21·4	15·8	17·0	19·0	16·2	61	62	70	8·7	10·1	9·6	7	7	7	NW	15	NW	25	NW	10	0·0	2·0
3	55·8	56·2	57·0	20·7	13·8	16·0	19·0	16·2	58	54	66	7·9	8·9	9·4	6	2	3	NW	0	NW	3	NW	5	0·0	1·9
4	58·0	58·0	58·0	21·7	15·2	16·1	18·8	16·1	64	48	59	6·4	7·0	8·1	4	5	5	NW	5	N	20	NNW	11	0·0	2·2
5	58·5	58·6	58·6	21·2	14·9	16·3	19·1	16·1	61	55	60	8·5	8·9	8·2	6	5	6	NNW	7	W	25	N	5	0·0	1·9
6	58·9	58·8	58·4	20·8	13·7	17·7	18·3	[illegible]	64	64	72	9·7	10·1	10·4	10	10	10	Calm	0	Calm	0	Calm	0	0·0	0·9
7	57·7	55·8	55·4	26·6	14·3	17·2	21·2	19·5	70	73	65	10·2	13·6	10·1	0	4	5	SSE	6	NE	2	E	8	0·0	1·9
8	56·0	55·4	55·2	27·9	15·4	19·9	21·8	18·5	65	69	74	11·2	13·3	11·7	3	4	2	E	4	ENE	8	ENE	5	0·0	1·6
9	55·6	55·1	55·2	25·1	15·1	18·6	20·8	[illegible]	87	68	65	13·9	12·4	[illegible]	3	2	8	Calm	0	NNW	9	Calm	0	0·0	1·0
10	55·0	54·0	55·3	22·3	15·7	18·1	20·5	17·1	61	54	78	9·4	9·8	11·3	5	5	7	W	15	WNW	24	W	20	0·0	1·1
11	54·0	53·9	54·0	23·3	15·4	17·8	21·8	16·8	65	53	72	9·9	10·3	10·2	5	4	0	W	18	W	22	Calm	0	0·0	1·2
12	52·4	48·4	42·8	24·2	12·0	16·0	23·6	19·1	71	36	56	9·6	7·9	9·2	10	10	10	Calm	0	Calm	0	ESE	13	0·0	5·4
13	42·2	42·1	45·0	23·9	15·3	19·8	19·7	16·9	60	65	81	11·4	11·1	11·5	0	5	8	SSW	28	W	38	W	44	2·0	2·4
14	50·8	53·2	55·6	21·3	14·2	17·9	21·0	17·1	73	56	77	11·1	10·8	11·1	5	4	5	WNW	43	W	36	W	31	0·0	1·9
15	58·1	57·4	58·2	23·9	15·2	17·2	23·1	17·4	78	54	85	11·4	11·3	11·8	7	8	0	W	11	W	10	Calm	0	0·0	1·0
16	58·0	56·7	56·7	30·3	14·8	18·9	28·5	22·2	60	30	42	9·8	8·8	8·3	5	7	8	Calm	0	Calm	0	Calm	0	0·0	4·4
17	56·6	60·9	55·3	[illegible]	12·1	20·8	19·7	[illegible]	34	85	97	6·3	14·5	[illegible]	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·1
18	56·4	58·4	59·7	23·2	16·4	18·0	19·1	16·1	75	55	58	[illegible]	[illegible]	7·8	7	4	2	Calm	0	WNW	28	WNW	34	0·0	2·0
19	60·5	60·5	60·3	21·1	15·8	17·6	20·5	16·8	[illegible]	54	56	[illegible]	[illegible]	[illegible]	5	2	1	WNW	23	WNW	22	Calm	0	0·0	1·8
20	60·8	61·0	61·2	25·1	13·7	17·2	22·7	17·8	[illegible]	44	75	7·3	9·2	11·4	0	0	0	Calm	0	Calm	0	Calm	0	0·0	2·2
21	61·7	60·7	61·3	25·3	15·7	20·6	21·9	18·9	51	51	63	9·2	9·9	10·3	0	0	0	Calm	0	Calm	0	Calm	0	0·0	2·0
22	59·7	58·7	58·6	28·2	14·9	17·7	20·9	18·1	77	76	86	11·6	13·9	13·7	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·1
23	57·7	57·2	57·1	28·3	15·5	18·8	21·9	19·1	82	78	[illegible]	13·2	15·2	15·5	0	0	3	Calm	0	Calm	0	Calm	0	0·0	0·9
24	57·7	57·2	[illegible]	24·2	16·8	19·0	22·2	19·1	63	82	[illegible]	15·2	16·2	14·8	7	4	2	Calm	0	Calm	0	Calm	0	0·0	0·9
25	57·6	57·8	57·6	28·3	16·2	20·9	21·1	20·2	59	70	64	10·8	14·1	11·5	0	0	5	Calm	0	Calm	0	ENE	19	0·0	2·4
26	55·4	53·2	56·0	39·4	16·4	20·1	37·8	19·1	56	13	[illegible]	9·9	6·5	14·8	7	7	7	SSE	15	SSW	18	NNW	35	0·0	5·0
27	59·1	58·9	58·8	22·1	16·9	18·1	19·8	17·9	80	73	75	[illegible]	12·6	11·4	3	6	4	NNW	22	NNW	20	N	18	Drops	0·9
28	57·9	58·4	58·3	23·1	16·8	18·1	20·9	18·1	75	75	87	11·7	13·7	13·4	10	10	10	Calm	0	NNW	5	NNE	8	Drops	1·0
29	59·2	58·9	58·7	22·6	16·7	18·9	20·3	17·2	73	74	78	11·8	13·0	11·4	0	4	6	Calm	0	N	2	NNW	12	0·0	1·0
30	59·5	59·4	59·1	22·6	16·7	18·1	20·9	17·0	71	59	70	10·9	10·6	11·7	5	4	6	Calm	0	Calm	0	Calm	0	0·0	0·9
Month	56·66	56·48	56·50	24·6	15·3	18·2	21·5	17·8	67	60	73	10·5	11·2	11·0	4·2	4·2	4·4	—	7·7	—	11·4	—	10·3	2·0	1·89

Remarks:—13 [wind symbol] all day and night long. 8^h–13^{40}, ●^{2} 12^{30}–12^{40}, 21^{30}–23^{45}.—28 ●^{0} 6^{30}–6^{45}, 12^{55}–13^{10}, 14^{25}–14^{28}.

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.

$C_h = + 2·8$ mm.

May 1916.

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	59·8	59·9	59·9	23·2	15·2	19·0	20·9	18·8	74	78	85	12·0	14·4	13·6	0	0	4	Calm	0	Calm	0	Calm	0	0·0	1·0
2	60·4	60·3	60·1	24·2	17·4	19·9	22·0	19·1	83	70	80	14·3	13·7	13·1	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·0
3	59·7	58·8	59·0	24·1	17·4	21·8	21·9	19·8	70	76	80	13·5	14·9	13·6	0	0	0	Calm	0	Calm	0	Calm	0	0·0	0·8
4	59·0	57·5	58·0	25·2	16·7	19·8	23·9	19·8	86	63	86	14·7	13·8	14·7	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·0
5	59·1	59·2	59·2	27·1	18·3	22·0	24·0	20·2	74	62	81	14·5	13·8	14·2	0	0	0	Calm	0	NNW	5	WNW	6	0·0	1·2
6	59·7	59·9	59·9	25·7	18·9	21·2	23·9	19·9	73	67	84	13·6	14·7	14·5	0	0	0	Calm	0	WNW	11	Calm	0	0·0	1·4
7	58·6	58·0	57·2	32·4	16·9	21·9	25·6	19·8	52	45	86	10·2	11·1	14·7	0	0	0	Calm	0	WNW	3	WNW	5	0·0	1·4
8	58·2	57·7	57·9	25·2	18·3	20·0	22·6	19·8	82	77	87	14·3	15·8	14·9	4	2	0	Calm	0	WNW	7	Calm	0	0·0	0·9
9	58·8	58·2	57·7	25·7	17·9	21·3	23·9	20·0	88	75	91	16·6	16·5	15·7	2	2	0	Calm	0	W	5	Calm	0	0·0	1·0
10	59·2	58·9	59·2	25·4	18·8	20·8	23·0	20·7	78	76	92	14·3	15·9	16·6	0	0	0	Calm	0	Calm	0	Calm	0	0·0	0·4
11	59·3	58·2	58·1	27·2	18·9	22·9	26·3	22·1	83	63	81	17·2	15·8	15·9	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·8
12	57·2	55·9	55·8	36·7	19·9	23·7	31·8	23·8	49	30	73	10·6	10·5	15·9	4	7	8	Calm	0	Calm	0	Calm	0	0·0	6·0
13	54·6	53·4	53·2	38·4	21·2	25·1	32·0	26·7	48	36	60	11·2	12·8	15·5	7	10	7	Calm	0	NW	12	Calm	0	0·0	6·7
14	54·1	54·8	55·1	28·2	21·0	22·4	24·7	21·3	80	72	87	16·1	16·6	16·4	7	6	9	Calm	0	Calm	0	Calm	0	0·0	1·0
15	54·4	52·0	51·9	30·3	20·9	23·1	27·8	28·9	83	60	36	17·4	16·5	10·6	2	5	6	Calm	0	NE	—	ESE	—	0·0	6·0
16	51·9	52·6	54·3	32·7	23·1	27·7	26·0	23·5	37	58	79	10·1	14·4	17·0	7	7	8	Calm	—	NNW	—	NW	14	Drops	3·1
17	54·8	55·7	56·5	27·2	23·3	25·1	26·0	21·8	74	76	87	17·4	19·0	17·0	10	0	4	W	20	WNW	19	NNW	41	0·0	1·7
18	58·6	60·6	59·8	25·7	20·6	21·9	23·9	20·8	81	75	76	15·9	16·5	13·8	9	7	7	NW	30	WNW	24	NNW	30	0·0	2·1
19	59·5	58·8	58·1	24·2	19·3	20·8	22·0	19·9	76	67	74	13·8	13·1	12·8	4	3	3	NNW	21	WNW	27	NW	23	0·0	2·4
20	57·7	57·4	58·2	26·2	18·8	20·9	23·6	20·3	74	64	76	13·6	13·9	13·5	7	4	2	WNW	14	WNW	28	NNW	14	0·0	2·0
21	58·5	58·3	58·2	24·2	19·4	21·0	23·4	20·5	74	60	69	13·7	12·8	12·3	4	5	0	NW	26	NW	27	NW	22	0·0	2·4
22	59·1	59·2	59·0	24·6	19·4	21·0	22·6	19·9	67	64	73	12·3	13·0	12·6	0	6	8	N	8	NNW	20	NNW	22	0·0	2·9
23	60·0	60·3	60·2	24·1	16·7	19·3	21·0	18·9	54	50	57	9·0	9·2	9·2	3	4	4	NW	26	WNW	33	N	26	0·0	3·1
24	60·1	60·2	59·2	24·1	17·9	19·8	21·8	19·1	58	53	73	10·1	10·3	11·9	5	2	1	NNW	9	NNW	29	NW	15	0·0	2·2
25	59·3	58·4	58·5	24·2	18·4	21·8	22·7	20·2	60	63	66	11·6	12·8	11·7	3	3	0	NNE	15	NNE	14	N	4	0·0	2·0
26	58·2	57·7	57·6	25·1	18·4	21·0	23·4	20·7	58	58	66	10·8	12·4	11·9	0	0	0	N	12	WNW	22	NW	12	0·0	2·1
27	57·3	57·2	56·7	26·8	18·9	21·9	25·1	21·0	76	61	78	14·7	14·4	14·3	0	0	0	Calm	0	WNW	21	NNW	4	0·0	1·8
28	57·1	56·8	56·2	27·2	18·9	23·0	25·0	22·4	72	62	70	15·0	14·7	14·1	0	0	0	Calm	0	NNW	8	NW	7	0·0	2·9
29	54·9	53·5	54·0	40·4	19·4	24·7	37·9	22·9	41	21	84	9·4	10·2	17·3	0	0	0	S	20	WSW	15	NW	7	0·0	4·0
30	57·1	57·6	58·1	26·2	20·0	21·9	23·0	20·9	69	66	80	13·4	13·7	14·7	4	4	0	WNW	24	N	26	NW	18	0·0	0·9
31	58·1	58·1	58·4	26·3	18·4	21·8	25·0	20·7	71	68	77	13·7	14·2	13·9	0	0	0	NNW	13	NNW	30	NNW	5	0·0	1·4
Month	57·80	57·58	57·59	27·4	19·0	21·9	24·7	21·1	69	62	77	13·4	13·9	14·1	2·6	2·5	2·3	—	7·9	—	13·3	—	9·2	Drops	2·21

Remarks:—17 ●° 5^{55}–6^{h}.

$C_h = + 2·7$ mm.

June 1916.

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	58·9	59·1	59·4	25·7	19·7	22·6	23·8	21·5	71	75	93	14·5	16·2	17·7	0	0	0	N	7	NW	21	NW	15	0·0	1·9
2	59·8	59·6	59·9	26·2	19·7	22·7	23·9	22·1	71	71	75	14·6	15·5	14·8	0	0	0	N	1	NNE	10	ENE	4	0·0	1·6
3	58·1	58·0	57·0	32·3	19·1	23·8	24·6	23·7	55	69	63	12·0	16·0	13·8	0	0	0	SE	9	NNE	22	E	4	0·0	3·7
4	56·0	54·9	54·2	38·9	20·5	25·0	36·3	25·0	56	28	48	13·2	12·5	11·2	0	0	0	S	9	NE	16	E	19	0·0	6·2
5	55·0	55·2	56·4	29·2	21·6	25·0	24·7	23·1	72	78	75	16·9	18·0	15·7	0	0	0	NE	14	NNE	13	NE	9	0·0	2·7
6	58·4	58·4	58·2	27·1	20·5	22·8	25·0	21·8	80	70	84	16·5	16·6	16·3	0	3	0	NW	7	NW	23	NW	21	0·0	2·3
7	57·7	57·2	56·6	27·5	19·9	23·6	24·8	22·4	77	69	75	16·6	16·2	15·1	0	0	0	NW	14	WNW	30	WNW	12	0·0	1·9
8	56·2	55·1	54·9	29·0	19·8	23·7	27·9	22·4	79	46	83	17·0	12·9	16·8	0	0	0	NW	5	NW	19	NNE	13	0·0	2·6
9	55·7	55·4	56·1	25·4	20·1	22·4	24·0	22·2	79	85	92	15·9	18·8	18·3	7	0	0	NNE	10	NNE	8	NNE	12	0·0	1·6
10	56·7	56·8	56·9	26·2	21·3	23·4	24·0	22·2	83	80	80	17·7	17·7	17·8	0	0	0	NNE	5	NNW	27	NNW	17	0·0	1·5
11	56·0	55·4	54·9	27·2	21·3	23·4	25·1	22·7	82	75	89	17·5	17·7	18·2	0	0	0	NW	12	NW	23	NNW	19	0·0	1·6
12	54·2	53·7	53·1	29·8	21·3	24·6	25·8	23·8	83	78	90	18·9	19·2	19·8	0	0	0	Calm	0	NNW	17	N	15	0·0	1·0
13	52·9	52·5	52·8	30·4	20·7	25·4	27·4	24·7	83	72	94	20·0	19·9	21·7	0	0	0	Calm	0	N	11	NNE	4	0·0	1·4
14	52·6	51·7	52·6	29·0	21·7	24·8	27·0	24·1	77	77	91	17·7	20·3	20·4	0	0	0	N	11	N	7	N	10	0·0	0·8
15	53·0	53·2	53·2	30·4	22·3	26·0	28·0	24·6	74	70	89	18·5	19·7	20·5	0	0	0	Calm	0	NW	10	N	2	0·0	1·3
16	55·1	54·6	54·7	30·4	23·4	27·0	28·6	24·7	75	64	88	19·8	18·6	20·4	0	0	0	N	5	NNW	17	N	12	0·0	1·7
17	55·2	55·4	54·5	29·8	23·4	27·0	27·0	24·6	73	72	81	19·4	19·0	18·6	0	0	0	NW	9	NNW	24	NW	20	0·0	2·3
18	54·0	53·1	52·6	29·8	23·2	26·2	27·9	24·1	74	66	83	18·7	18·4	18·4	0	0	0	WNW	22	WNW	26	NW	26	0·0	2·5
19	53·7	53·4	53·5	28·4	22·7	25·2	27·0	24·2	81	77	92	19·3	20·3	20·7	7	0	4	N	5	N	8	NNE	18	0·0	1·0
20	55·2	54·8	54·6	30·4	22·8	26·5	29·8	26·0	78	63	78	20·1	19·6	19·4	0	0	0	N	6	NNE	9	NE	6	0·0	2·3
21	54·8	53·5	52·8	30·4	25·0	26·7	29·1	26·0	77	71	87	19·9	21·4	21·7	3	3	3	N	4	N	4	N	6	0·0	1·4
22	53·2	52·2	52·4	32·3	24·7	28·7	30·5	27·1	72	63	83	21·1	20·5	22·0	3	0	4	Calm	0	NNE	1	NNE	5	0·0	1·8
23	52·7	52·6	52·7	32·3	25·6	27·0	29·9	26·0	80	65	93	21·3	20·3	23·1	4	2	0	N	2	NNW	15	NW	3	0·0	1·6
24	54·2	52·8	52·8	30·3	24·3	26·7	27·9	25·1	86	79	86	22·5	22·0	20·4	7	0	0	NW	9	WNW	19	NNW	25	0·0	1·7
25	53·2	52·7	52·9	29·3	23·7	25·0	27·7	24·2	82	71	86	19·3	19·5	19·2	8	0	0	NW	20	WNW	31	NW	24	0·0	1·8
26	53·1	52·7	52·9	29·8	23·1	25·1	27·6	24·8	84	72	85	19·8	19·7	19·8	0	0	0	NW	11	WNW	21	NNW	18	0·0	2·2
27	52·6	52·7	52·9	29·8	24·0	25·6	27·9	24·9	72	77	86	17·6	21·6	20·1	0	0	0	NNW	15	NW	25	NW	21	0·0	1·8
28	53·6	53·6	53·6	31·3	24·3	27·1	29·6	25·6	72	67	80	19·3	20·7	19·5	0	0	0	NW	10	NNW	19	WNW	12	0·0	1·1
29	54·4	54·7	54·7	30·5	23·9	26·0	28·9	25·9	86	67	69	21·5	19·7	17·1	0	0	0	W	5	W	10	NW	3	0·0	1·2
30	56·3	56·4	55·9	31·4	23·9	25·7	27·9	25·8	81	65	77	19·8	18·0	19·0	0	0	0	WNW	11	NW	18	NNW	20	0·0	1·3
Month	55·08	54·72	54·66	29·7	22·2	25·2	27·3	24·2	76	69	83	18·2	18·6	18·6	1·3	0·3	0·4	—	7·9	—	16·6	—	13·2	0·0	1·93

Remarks:—

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 = + 2·7 mm.

July 1916.

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	54·8	54·4	53·2	31·4	23·9	26·1	30·2	25·5	84	68	84	21·1	21·8	20·3	0	0	0	WNW	16	NW	20	WNW	29	0·0	2·8
2	52·3	51·9	52·5	30·3	24·5	26·4	29·4	25·6	64	64	87	16·1	19·6	21·2	0	0	8	NW	16	WNW	26	N	15	0·0	2·4
3	53·8	53·9	54·5	29·3	23·9	25·0	27·6	24·8	83	74	86	19·5	20·2	20·0	0	0	2	NW	5	NW	19	NNW	20	0·0	1·2
4	55·5	55·6	55·5	28·7	23·7	25·5	27·4	25·0	82	72	85	19·7	19·5	20·0	0	0	0	NNW	6	NNW	15	NW	17	0·0	1·1
5	55·4	54·6	54·5	31·3	24·4	26·7	29·8	26·1	78	67	71	20·3	21·0	17·7	0	0	0	N	4	NW	18	N	4	0·0	1·0
6	54·3	53·8	53·4	31·3	24·0	25·8	29·4	26·0	86	70	87	21·3	21·4	21·7	0	0	0	NNW	3	N	6	NNW	15	0·0	1·1
7	54·0	54·0	53·7	30·8	24·5	26·2	27·8	25·6	77	73	86	19·3	20·2	21·0	0	0	0	NNW	8	NNW	20	NNW	19	0·0	1·8
8	55·3	55·2	55·0	30·9	23·5	25·9	27·9	25·9	81	74	86	20·1	20·8	21·4	0	0	0	NW	8	NNW	18	NNW	15	0·0	2·0
9	55·3	55·2	54·5	30·2	24·4	25·9	28·0	25·6	77	66	74	19·1	18·4	18·0	0	0	0	NNW	8	NNW	24	N	16	0·0	2·3
10	54·4	54·3	53·4	31·2	23·4	26·8	29·6	25·0	72	61	83	18·7	18·7	19·5	0	0	0	Calm	2	WNW	18	WNW	12	0·0	1·0
11	52·5	51·9	51.0	31·8	23·1	25·1	30·6	26·4	77	56	76	18·1	18·3	19·4	0	0	0	Calm	0	NNW	16	NNW	4	0·0	1·2
12	51·3	51·2	50·7	31·7	24·9	27·2	28·9	26·8	84	73	87	22·6	21·8	22·8	0	0	0	Calm	0	WNW	20	NW	15	0·0	1·2
13	51·8	51·3	51·5	33·9	24·9	27·8	31·8	27·0	80	62	83	22·4	21·8	22·1	0	0	0	Calm	0	NW	15	NNW	10	0·0	1·7
14	51·9	52·1	52·1	33·1	25·4	27·9	30·6	26·8	85	69	89	23·8	22·8	23·2	0	0	0	W	9	NW	19	WNW	21	0·0	1·0
15	53·3	53·6	53·2	31·1	25·0	27·2	29·0	26·2	83	73	82	22·4	21·7	20·6	7	4	0	WNW	5	NNW	30	NNW	22	0·0	1·0
16	53·5	53·2	52·7	31·8	24·7	27·2	31·0	26·0	76	63	86	20·4	21·3	21·5	2	0	0	W	7	WNW	22	WNW	20	0·0	1·8
17	52·2	52·5	52·7	32·3	25·0	27·5	30·0	25·9	81	76	79	22·2	23·8	19·5	0	0	0	WNW	26	NW	22	NNW	22	0·0	2·4
18	53·3	54·4	54·7	31·7	24·5	26·9	30·1	26·2	77	64	71	20·4	20·4	17·8	2	3	2	W	2	WNW	22	NNW	16	0·0	2·4
19	57·0	57·5	57·6	30·2	23·0	26·2	28·6	25·6	77	65	72	19·5	19·0	17·6	0	0	0	Calm	2	N	12	N	8	0·0	2·1
20	56·3	55·3	54·4	29·2	24·5	25·6	27·9	25·6	60	51	54	14·5	14·1	13·1	1	0	0	NNW	22	NNW	32	NNW	26	0·0	5·0
21	53·1	52·7	53·0	30·9	25·0	26·8	28·9	26·2	59	59	66	15·3	17·2	16·5	0	0	0	NNW	26	NW	26	NW	22	0·0	4·0
22	53·5	53·4	53·0	31·3	24·7	26·7	29·0	25·7	73	73	87	19·0	21·7	21·3	0	0	2	NW	14	NW	22	NNW	14	0·0	1·9
23	53·8	54·2	54·4	30·7	24·6	26·6	28·4	25·9	73	69	72	18·9	19·7	17·6	7	0	0	NW	12	NNW	24	NNW	20	0·0	4·1
24	53·8	53·2	52·7	29·8	24·5	25·8	27·8	25·0	70	63	77	17·1	17·4	18·0	5	6	4	WNW	22	NW	25	NNW	22	0·0	2·9
25	53·3	53·4	52·7	30·3	24·4	25·9	28·2	25·2	78	71	84	19·3	20·2	20·1	5	0	3	NW	9	WNW	18	NNW	14	0·0	2·4
26	53·7	54·2	54·5	31·4	25·0	26·7	28·9	25·8	72	67	78	18·8	19·7	19·2	0	0	0	NW	12	WNW	18	WNW	6	0·0	1·9
27	55·2	55·0	54·7	31·3	24·0	26·0	29·2	25·9	77	69	79	19·2	20·9	19·7	5	0	0	WNW	10	NW	21	NW	10	0·0	2·5
28	55·0	54·2	54·0	31·0	24·5	26·9	28·8	26·1	78	67	75	20·6	19·8	18·8	4	0	0	WNW	15	WNW	25	WNW	25	0·0	3·9
29	54·0	53·9	54·0	30 3	25·4	26·8	28·2	26·2	59	60	69	15·5	16·9	17·4	0	0	0	NNW	25	NNW	30	NNW	32	0·0	5·4
30	54·6	55·1	55·4	30·6	25·9	27·6	28·9	26·8	67	61	66	18·4	17·8	17·2	0	0	0	NW	18	NNW	23	NNW	23	0·0	4·4
31	55·6	56·4	56·4	30·3	25·9	27·6	28·9	26·1	68	67	78	18·6	19·7	19·5	0	0	0	NW	12	N	12	NNW	16	0·.	2·9
Month	53·99	53·92	53·73	31·0	24·5	26·5	29·1	25·9	75	67	79	19·4	19·9	19·5	1·2	0·4	0·7	—	11·1	—	20·6	—	17·1	0·0	2·35

Remarks:—

C_h = + 2·8 mm.

August 1916.

1	56·4	57·1	56·2	31·9	24·2	27·8	28·9	26·2	73	68	77	20·4	20·1	19·5	0	0	0	NW	4	N	13	Calm	0	0·0	3·0
2	57·8	57·7	57·2	30·3	24·1	25·9	27·9	25·2	72	65	79	17·6	18·0	18·8	0	0	0	WNW	10	NW	10	NNE	9	0·0	2·0
3	57·3	57·0	56·0	31·3	24·5	25·8	28·8	25·8	71	67	71	17·5	19·8	17·5	0	0	0	WNW	4	WNW	21	WNW	16	0·0	2·2
4	55·7	55·5	55·3	31·7	24·5	26·8	30·0	25·8	71	55	74	18·5	18·3	18·2	4	4	4	WNW	13	WNW	20	WNW	18	0·0	2·0
5	55·7	55·7	55·0	31·3	24·5	26·8	28·8	26·0	66	68	64	17·2	20·0	15·9	3	3	0	WNW	14	WNW	14	WNW	14	0·0	3·2
6	55·5	55·2	55·0	31·3	24·5	26·0	28·9	25·7	76	65	79	19·0	19·4	19·2	2	2	0	NW	6	WNW	19	WNW	16	Drops	2·2
7	53·2	53·1	53·0	32·3	24·6	26·8	29·0	26·0	73	70	78	19·1	20·9	19·4	6	4	4	WNW	8	WNW	21	WNW	16	0·0	2·9
8	52·6	53·1	54·2	31·9	25·0	26·0	29·8	25·1	66	62	77	16·3	19·2	18·1	3	3	2	WNW	14	WNW	21	WNW	21	0·0	3·2
9	55·8	57·4	57·1	29·8	24·3	25·7	27·0	25·0	66	52	63	16·0	14·0	14·8	3	0	0	WNW	14	NNW	24	WNW	12	0·0	3·8
10	57·1	56·6	56·4	28·7	24·0	25·7	26·7	24·6	66	65	64	16·1	16·8	14·7	4	4	4	WNW	12	NNW	24	NNW	30	0·0	5·1
11	55·6	54·8	54·5	28·1	22·9	24·0	26·8	24·0	62	58	69	13·8	15·1	15·3	7	7	8	NW	30	WNW	27	NW	20	0·0	3·2
12	53·6	52·8	52·6	28·7	23·0	24·8	27·6	24·6	66	57	65	15·3	15·7	14·9	4	4	2	WNW	24	WNW	25	WNW	18	0·0	3·2
13	52·8	53·1	53·0	30·8	22·4	25·8	28·6	24·5	57	50	71	14·0	14·3	16·2	3	3	0	NW	13	NW	16	NW	12	0·0	2·3
14	54·6	54·7	55·0	30·3	19·9	23·9	27·0	25·0	75	66	84	16·5	17·5	19·7	0	0	0	—	7	NNW	15	N	8	0·0	1·9
15	56·6	56·7	56·7	29·8	22·4	26·2	27·9	24·7	80	64	78	20·2	17·9	18·0	7	0	0	Calm	0	NNW	11	NW	11	0·0	2·1
16	57·8	57·8	57·0	30·3	23·0	25·8	29·2	25·0	70	54	69	17·1	16·2	16·2	0	0	0	NNE	8	N	18	N	14	0·0	2·3
17	56·5	55·4	54·5	30·5	23·9	25·4	27·7	25·6	75	66	79	18·1	18·2	19·1	0	0	0	N	6	NW	23	NW	16	0·0	2·0
18	53·3	52·8	53·2	31·1	23·9	26·0	28·9	25·6	76	65	75	19·0	19·4	18·2	0	0	0	N	12	N	18	N	12	0·0	2·0
19	54·3	54·6	54·8	31·8	23·4	25·7	28·9	25·0	70	65	77	19·2	19·2	18·2	4	0	0	Calm	0	NNW	16	NNE	13	0·0	2·0
20	56·1	56·0	55·6	31·3	22·9	26·0	29·7	26·0	77	62	78	19·2	19·2	19·4	2	0	0	Calm	1	NNW	17	N	13	0·0	2·1
21	54·5	53·3	54·9	34·1	22·4	26·8	30·8	25·2	50	48	74	13·2	15·9	17·5	0	0	2	W	2	N	19	NW	17	0·0	2·9
22	55·1	54·9	55·4	30·0	23·9	25·8	28·8	24·8	63	54	67	15·4	15·6	15·5	3	3	0	NNW	13	NW	17	NW	13	0·0	4·0
23	55·8	55·4	55·5	29·8	23·5	24·9	27·7	24·9	63	53	70	14·7	14·5	16·4	3	0	0	NNE	5	NNE	10	NNE	8	0·0	2·0
24	55·6	55·5	55·6	29·8	23·0	26·0	28·8	25·7	69	59	73	17·2	17·3	17·7	0	0	0	NE	9	NNE	10	NE	9	0·0	1·0
25	56·3	56·1	56·0	30·7	23·5	25·7	29·7	26·1	79	52	72	19·2	16·2	17·9	0	0	0	Calm	0	NE	9	NE	7	0·0	2·2
26	55·5	55·5	55·0	28·2	23·5	25·6	26·9	24·8	67	50	67	16·2	13·2	15·5	0	0	0	N	10	NNE	24	NE	18	0·0	4·4
27	54·5	53·6	53·6	29·8	23·9	25·2	26·8	24·8	68	66	78	16·1	17·1	18·1	5	7	6	NE	19	N	21	N	14	0·0	2·3
28	54·6	54·2	54·5	29·3	23·6	24·9	26·9	24·6	74	66	75	17·3	17·2	17·2	0	0	0	N	12	NNE	16	NNE	6	0·0	1·9
29	55·1	55·6	55·5	30·2	22·3	25·0	28·2	25·2	80	61	74	18·7	17·3	17·5	0	0	0	Calm	0	N	11	NNE	10	0·0	2·0
30	56·5	57·3	55·3	30·7	21·8	25·0	28·8	24·5	82	65	74	19·3	19·2	16·9	0	0	0	Calm	0	NW	14	NE	11	0·0	2·0
31	54·9	54·3	54·4	30·9	23·2	25·2	28·2	25·6	76	68	79	18·1	19·4	19·1	0	1	1	Calm	0	NW	26	N	14	0·0	2·2
Month	55·38	55·25	55·12	30·5	23·4	25·7	28·4	25·2	71	61	73	17·3	17·5	17·4	2·0	1·5	1·1	—	8·7	—	17·7	—	13·7	Drops	2·57

Remarks:—7 ●° 6^{5}–6^{20}, ⌒ N 6^{15}.—30 ≋ 0^{h}–7^{45}.

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.

$C_h = + 2·8$ mm.

September 1916.

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.	8 h. Vel.	14 h. Direct.	14 h. Vel.	20 h. Direct.	20 h. Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	54·5	55·0	55·7	31·7	24·2	26·7	29·2	25·0	70	67	83	20·5	20·2	19·5	0	0	0	WNW	16	NW	20	N	15	0·0	2·3
2	57·5	58·4	57·7	31·4	23·2	26·6	29·6	25·5	67	60	74	17·4	18·9	17·9	4	0	0	WNW	10	WNW	18	NNE	13	0·0	2·1
3	57·5	57·4	56·7	30·9	23·5	26·0	28·6	24·8	63	55	66	15·6	15·8	15·3	4	4	2	NNW	10	NNW	22	NW	21	0·0	4·0
4	55·5	55·4	55·7	30·3	23·5	25·4	27·0	25·0	64	58	69	14·6	15·3	16·2	3	3	2	NE	9	N	19	N	18	0·0	2·2
5	55·6	55·7	55·0	30·2	23·5	24·8	26·8	25·5	68	59	65	15·0	15·5	15·7	3	4	2	N	10	N	20	NNE	15	0·0	3·0
6	57·8	57·4	57·8	29·8	23·3	24·2	28·8	24·0	67	40	65	15·6	14·2	14·4	4	2	2	NNW	9	NNW	16	N	13	0·0	3·0
7	57·9	57·5	57·2	29·3	22·9	24·7	26·0	24·6	64	57	57	14·0	14·2	13·1	2	0	0	NNE	7	NE	17	NNW	15	0·0	3·1
8	56·4	56·1	56·2	30·7	23·0	24·9	28·4	25·8	71	63	73	16·6	18·1	17·8	0	0	0	Calm	2	NW	22	NNW	16	0·0	2·0
9	56·0	56·2	56·2	30·7	24·5	26·0	28·9	25·1	79	65	86	19·0	19·4	20·4	0	0	0	NNW	15	NNW	18	NNW	9	0·0	2·2
10	55·8	55·1	55·9	29·2	23·8	26·0	27·2	24·2	67	63	72	16·7	17·0	16·0	5	3	5	NW	17	NNW	30	N	29	0·0	4·4
11	56·0	56·4	57·4	29·3	23·4	25·3	28·0	25·6	77	60	72	18·5	19·5	17·6	7	0	2	NE	10	NE	11	NNE	4	0·0	2·7
12	57·9	58·5	58·0	29·4	23·0	25·6	28·0	24·7	79	71	73	16·9	19·9	16·7	0	0	0	Calm	0	N	2	NE	2	0·0	2·7
13	58·0	57·9	57·6	29·3	21·8	25·6	27·3	25·0	74	67	76	18·0	18·0	17·8	1	0	0	Calm	0	Calm	0	Calm	0	0·0	2·0
14	57·0	56·4	57·0	31·5	21·6	24·4	30·6	25·9	75	59	62	16·6	18·3	21·6	0	0	0	S	6	NW	15	NE	6	0·0	3·7
15	56·6	56·5	56·5	33·5	22·8	25·2	29·4	26·4	87	70	73	20·7	21·4	18·6	0	0	0	Calm	0	NE	2	Calm	0	0·0	3·7
16	56·0	56·1	57·0	31·6	23·0	27·5	27·7	25·9	65	74	77	17·6	20·3	18·2	0	3	2	WNW	10	N	21	NE	12	0·0	3·4
17	56·9	56·4	56·7	31·2	24·0	25·1	27·8	24·9	71	65	69	16·7	16·5	16·1	7	4	2	NW	4	NW	14	N	10	0·0	2·3
18	56·5	56·4	57·4	29·9	24·2	25·1	26·8	25·0	66	64	69	15·5	16·7	14·6	2	4	0	N	13	NE	17	N	22	0·0	4·3
19	57·6	57·1	57·8	28·2	24·1	25·0	26·0	23·9	68	61	65	15·9	15·2	14·0	1	0	0	N	19	NNE	18	NNE	10	0·0	4·0
20	58·6	57·6	57·9	27·2	20·9	22·7	25·6	23·9	64	47	60	13·0	11·5	12·5	0	0	0	Calm	0	NNE	4	NNE	4	0·0	2·0
21	58·1	57·2	57·0	29·3	21·5	26·0	25·9	24·9	58	63	75	14·4	16·0	16·6	0	0	0	E	3	ENE	14	ENE	12	0·0	2·1
22	56·8	55·9	55·8	29·7	21·9	25·7	28·2	24·7	71	63	84	17·4	17·9	19·5	0	0	0	NE	2	NNE	4	NE	4	0·0	1·1
23	55·6	55·5	56·3	30·9	22·6	25·8	27·6	24·8	70	71	80	16·3	16·8	18·5	0	0	2	Calm	0	N	17	N	17	Drops	4·0
24	57·8	57·8	58·9	30·4	23·0	24·8	26·8	23·7	59	2	63	13·0	13·6	13·8	3	5	2	N	18	NNW	24	N	15	0·0	4·3
25	59·8	59·4	59·8	27·2	20·9	22·6	23·7	22·3	63	57	59	12·9	12·3	11·2	4	6	5	N	17	NNW	25	N	19	0·0	3·2
26	59·8	59·0	58·8	27·2	21·1	22·9	24·9	22·9	62	57	69	12·8	13·2	14·3	2	8	4	NNE	6	NNE	10	N	8	0·0	3·1
27	57·9	56·9	57·0	25·3	20·9	22·3	25·8	22·2	59	52	64	10·9	12·7	13·1	7	5	4	N	10	NNW	22	NNW	21	0·0	2·9
28	56·5	56·1	57·2	27·1	21·0	22·0	25·2	22·0	54	53	47	11·0	12·9	9·5	4	3	4	NNW	18	NNW	23	N	15	0·0	2·9
29	58·2	58·8	59·0	27·2	21·4	23·0	26·0	22·0	51	52	47	11·9	10·3	9·5	5	1	2	NE	4	NNE	12	NE	4	0·0	2·0
30	59·9	56·2	60·0	27·6	19·4	24·7	25·0	22·3	43	50	52	9·9	9·2	10·3	0	0	0	Calm	0	NNE	7	NNE	4	0·0	2·4
Month	57·28	56·98	57·29	29·8	22·6	27·9	27·2	24·4	67	60	69	15·6	16·1	15·7	2·3	1·8	1·4	—	8·2	—	15·5	—	11·8	Drops	2·90

Remarks:—24 ● 4h-4m.

$C_h = + 2·8$ mm.

October 1916.

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.	8 h. Vel.	14 h. Direct.	14 h. Vel.	20 h. Direct.	20 h. Vel.	Rain (mm.)	Evaporation (mm.)
1	59·7	58·8	59·1	28·6	18·4	23·0	25·0	22·5	59	59	65	11·7	13·2	13·1	0	0	0	Calm	0	NE	9	NE	9	0·0	2·0
2	58·0	58·1	59·0	27·0	19·6	23·9	25·0	22·9	63	61	68	13·8	14·3	13·4	0	1	0	Calm	0	NNE	5	NE	2	0·0	1·2
3	59·2	58·6	58·7	27·3	18·3	22·7	25·0	23·2	73	68	74	14·6	14·8	15·6	2	3	2	NW	6	N	19	N	13	0·0	2·4
4	59·9	60·0	60·2	27·3	21·0	23·0	25·0	22·3	61	54	65	12·8	12·7	12·9	2	2	2	N	5	NE	4	NE	2	0·0	3·1
5	61·3	61·2	61·8	24·7	21·1	22·7	23·0	20·3	55	52	54	10·8	10·8	9·6	3	4	0	NE	6	NNW	23	N	19	0·0	4·2
6	62·2	61·3	62·1	24·8	19·4	20·5	23·7	21·3	55	48	54	9·9	10·3	10·2	4	4	6	N	14	NNW	14	NNE	6	0·0	2·4
7	61·0	60·1	60·1	25·7	19·4	21·1	22·0	21·0	56	54	58	10·4	11·1	10·8	3	4	3	NNE	8	N	20	N	22	0·0	3·4
8	59·0	58·2	59·7	25·3	20·3	21·3	23·8	21·8	62	57	59	11·5	12·3	11·5	3	4	4	N	20	NNW	17	N	17	0·0	3·4
9	59·8	59·5	60·7	26·2	19·9	21·9	24·0	21·1	60	61	65	11·7	13·4	12·1	1	0	0	NNE	6	N	12	NNE	3	0·0	1·0
10	61·0	60·9	61·1	26·1	20·7	21·9	23·7	21·7	59	56	61	11·4	12·2	11·7	3	4	4	NNE	6	NE	8	NNE	6	0·0	2·0
11	61·2	60·6	61·2	26·6	20·5	22·8	25·2	22·1	63	61	76	12·9	14·5	14·9	0	1	0	NE	3	NE	6	NE	11	0·0	1·0
12	61·2	60·6	61·8	26·4	21·3	22·8	24·0	21·5	76	68	63	15·7	15·1	12·0	2	3	1	NE	6	NNE	6	NNE	14	0·0	1·2
13	62·2	61·5	62·3	26·2	20·4	22·4	24·0	21·7	64	61	67	12·8	13·6	12·9	4	3	4	NE	7	N	4	N	6	0·0	1·0
14	62·1	61·2	61·2	26·2	19·4	23·7	24·8	22·6	57	56	66	12·3	13·0	13·3	1	0	0	Calm	0	N	8	NNE	7	0·0	2·0
15	60·0	60·0	59·8	27·8	20·3	23·7	25·0	22·8	72	63	77	15·5	14·8	15·8	0	4	0	NE	4	NE	9	NNE	8	0·0	1·4
16	60·6	60·2	61·2	27·8	18·8	22·6	26·0	23·9	65	64	70	17·0	15·9	14·7	3	0	0	Calm	0	NNE	5	NE	7	0·0	0·7
17	62·0	62·9	63·0	27·1	20·4	23·0	25·7	22·9	82	65	69	17·1	15·8	13·5	2	0	1	NE	1	NNE	6	NNE	12	0·0	2·4
18	64·1	63·0	63·2	26·1	20·5	22·3	24·0	22·8	56	61	72	11·3	13·4	14·3	3	8	3	NNE	12	N	19	N	17	0·0	2·7
19	62·2	62·0	61·7	28·3	21·3	22·8	26·0	22·9	64	56	72	13·2	13·9	14·0	5	2	2	NW	13	NW	17	N	8	0·0	2·6
20	62·0	61·6	63·4	27·8	18·4	21·7	24·2	21·7	71	69	77	13·6	13·5	12·9	2	2	0	Calm	0	N	7	NE	8	0·0	2·4
21	64·8	64·3	65·1	26·2	17·0	21·1	23·0	21·3	69	61	63	12·2	12·8	11·8	0	1	0	Calm	0	NE	4	NNE	4	0·0	1·2
22	65·3	64·9	64·6	26·2	19·9	22·1	24·9	22·3	79	65	73	15·1	15·2	14·6	4	0	0	NE	3	NNE	6	NNW	3	0·0	1·0
23	63·0	61·5	61·9	27·1	21·0	22·8	25·8	22·7	79	63	64	16·2	15·4	13·0	0	0	0	N	19	NE	14	NE	10	0·0	3·2
24	61·6	60·3	61·4	26·7	21·3	22·0	23·7	21·1	63	56	66	12·8	12·0	12·2	7	0	0	NNE	10	NNW	16	NNE	8	0·0	2·9
25	62·8	62·2	63·0	25·4	19·9	21·0	23·2	20·9	67	63	77	12·3	14·4	14·1	5	0	4	NNE	6	NE	1	NNE	7	0·0	1·1
26	63·8	62·3	63·0	26·2	20·1	21·9	23·8	21·9	71	63	76	13·8	13·9	14·7	5	4	2	NE	6	NE	3	NNE	6	0·0	1·1
27	62·8	61·1	61·5	26·4	20·0	24·0	24·6	21·9	79	72	77	15·4	16·5	15·1	0	0	0	Calm	0	NE	7	NNE	5	0·0	1·2
28	61·8	61·3	61·2	28·2	19·4	22·7	24·4	22·7	88	75	84	17·8	16·9	17·3	1	0	0	Calm	0	N	12	N	12	0·0	2·0
29	62·0	61·0	61·7	27·2	21·3	22·9	24·8	21·1	68	56	65	14·1	13·1	11·9	2	4	6	NW	15	NW	19	NNW	9	0·0	3·2
30	63·4	62·4	63·1	26·2	19·9	21·8	22·9	20·8	65	66	67	11·6	12·5	12·1	5	2	3	NW	6	NNW	14	NNE	9	0·0	2·0
31	62·8	61·2	61·1	25·2	19·4	21·0	22·4	20·7	71	65	77	13·1	13·0	13·9	2	2	2	NNE	3	NE	5	NNE	4	0·0	1·9
Month	61·80	61·05	61·58	26·6	20·0	22·4	24·3	21·8	67	61	68	13·4	13·7	13·2	2·4	2·0	1·6	—	6·0	—	10·3	—	8·8	0·0	2·04

Remarks:—

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.

$C_h = +2·8$ mm. **November 1916.**

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	59·0	57·3	57·9	25·8	16·8	23·1	24·0	21·1	66	62	74	13·8	13·8	13·6	3	6	4	Calm	0	NNE	8	NE	3	0·0	1·4
2	56·5	54·9	54·7	26·2	20·0	21·9	24·0	21·1	74	67	83	14·4	14·9	15·4	2	2	10	NE	6	N	5	N	20	19·0	1·4
3	54·8	54·3	55·0	23·8	14·8	17·0	19·1	20·7	89	80	77	12·8	13·1	13·9	10	9	2	Calm	0	NNE	15	NNE	17	Drops	1·0
4	57·3	57·4	58·9	23·7	16·5	20·1	22·1	20·9	82	72	74	14·2	14·3	13·4	10	5	6	NNE	15	NNW	24	N	14	2·0	2·0
5	60·9	60·1	60·7	24·7	17·1	17·1	22·8	19·9	90	54	65	13·0	11·2	11·2	10	8	7	S	3	W	15	Calm	0	Drops	2·2
6	60·7	59·9	60·4	25·2	17·1	18·9	23·7	20·1	81	56	72	13·1	12·0	12·5	10	5	1	Calm	0	WNW	16	Calm	0	0·0	1·1
7	60·4	60·1	60·3	25·2	17·2	19·9	21·2	19·1	73	62	72	12·5	11·6	11·8	4	8	4	Calm	0	NNW	3	ENE	5	0·0	1·4
8	60·3	59·7	59·4	24·2	18·0	21·1	22·1	20·1	68	61	74	12·7	12·1	13·0	3	6	8	NE	3	NE	8	NNE	3	0·0	2·0
9	59·3	58·9	59·9	26·4	19·0	21·7	24·0	20·4	66	57	63	12·8	12·5	11·1	5	7	4	Calm	0	W	21	Calm	0	Drops	1·9
10	61·3	60·6	61·4	26·0	17·4	21·9	22·8	19·8	68	63	75	13·1	12·9	12·9	0	3	1	Calm	0	NE	9	NE	10	0·0	1·0
11	61·3	60·0	60·1	26·4	18·9	22·0	23·2	20·9	76	76	89	14·8	15·9	16·3	1	4	1	ENE	2	NE	11	ENE	10	0·0	1·0
12	60·8	59·1	59·6	25·2	20·0	22·8	23·5	21·7	78	86	84	16·2	17·1	16·2	2	0	3	ENE	2	ENE	5	NNE	10	0·0	2·0
13	60·2	59·1	59·1	28·2	19·3	22·0	23·8	21·2	88	76	88	17·4	16·6	16·5	0	0	0	Calm	0	NE	4	ENE	6	0·0	1·9
14	58·2	56·4	55·9	29·9	17·9	18·9	28·8	23·7	83	42	56	13·4	12·2	12·0	0	0	0	SE	8	E	1	ESE	12	0·0	5·7
15	57·7	59·2	61·0	27·2	18·9	23·1	25·8	20·0	73	55	93	15·3	13·5	11·0	6	5	4	NNW	12	WNW	14	NW	4	0·0	2·2
16	63·3	62·8	63·3	24·7	18·3	20·1	22·3	19·7	69	56	67	12·1	11·3	11·4	0	0	0	Calm	0	NNE	5	Calm	0	0·0	1·9
17	63·5	62·3	62·4	23·7	18·5	19·9	21·0	18·0	62	57	66	10·9	10·5	9·9	7	4	0	Calm	0	NE	7	NE	1	0·0	2·0
18	61·8	59·7	60·4	24·8	17·2	18·4	22·3	19·1	73	59	63	11·5	9·8	10·5	7	3	0	Calm	0	Calm	0	Calm	0	0·0	1·0
19	62·1	61·3	62·7	24·2	16·8	18·9	22·0	19·5	69	64	79	11·2	12·6	11·7	0	0	4	Calm	0	NE	2	ENE	7	0·0	1·9
20	63·6	62·2	62·5	24·7	18·5	19·1	24·0	19·7	72	59	85	11·8	13·0	14·5	7	4	3	ENE	10	ENE	15	ENE	4	0·0	2·1
21	61·4	60·7	60·2	29·3	19·1	22·0	24·8	21·8	78	64	83	15·3	15·0	16·1	6	4	2	E	8	ENE	10	ENE	3	Drops	1·9
22	60·0	59·1	60·0	27·5	19·9	20·7	25·1	21·1	93	73	89	16·8	17·2	16·5	6	4	3	Calm	0	NW	10	Calm	0	0·0	0·9
23	60·8	59·2	60·3	27·2	20·7	21·8	23·1	21·1	76	76	82	14·8	15·8	15·2	4	3	10	Calm	1	NE	9	NNE	12	0·0	1·0
24	60·5	59·1	60·1	25·8	20·9	21·8	24·1	20·9	85	75	82	16·5	16·6	15·0	5	0	0	NE	4	NNE	12	NE	12	0·0	1·2
25	60·4	59·4	60·1	26·2	20·0	22·1	24·0	20·8	80	66	82	15·8	14·6	14·9	0	0	0	NE	6	NE	14	ENE	13	0·0	2·1
26	59·3	58·2	58·3	27·2	19·8	21·8	23·6	24·1	68	64	59	13·2	13·9	13·1	0	0	0	ENE	7	ENE	12	ENE	7	0·0	1·3
27	58·4	57·5	59·3	27·4	18·3	21·0	23·8	19·9	71	67	80	13·7	14·7	13·9	3	4	2	E	3	ENE	8	ENE	6	0·0	1·0
28	59·8	59·1	60·2	24·7	18·0	20·1	23·1	20·1	80	73	83	13·9	15·3	14·5	6	4	2	ENE	4	ENE	2	ENE	2	0·0	1·7
29	61·6	60·8	61·4	24·2	16·4	21·4	22·9	20·1	64	56	67	12·0	12·2	11·8	0	0	1	ENE	6	NNE	3	NE	10	0·0	2·1
30	61·5	61·0	61·4	23·8	16·4	21·0	21·9	19·7	59	53	59	10·9	10·5	10·1	2	4	5	ENE	9	NE	4	ENE	5	0·0	2·0
Month	60·22	59·31	59·90	25·8	18·5	20·7	23·3	20·6	75	64	74	13·7	13·6	13·3	4·0	3·4	2·9	—	3·6	—	9·1	—	6·5	21·0	1·74

Remarks:—2 ☾ 2^h–6^{45}, 17^{20}–18^{24}, ●° 15^{55}–17^{59}, 18^{25}–18^{30}, ●° ☾ 18^{55}–19^{55}, ●² 18^{28}–18^{50}.—3 ☾ all night long, ●² 0^{25}–1^{20}, 3^{15}–3^{40}, ●° 4^h–4^{17}, 5^{30}–6^h, 6^{40}–6^{50}, 9^{30}–9^{35}, ◠ W 7^{05}, ☾ 24^h.—4 ☾ 0^h–4^h, ●° 7^h–7^{20}, 7^{40}–7^{55}, ●² 8^{30}–8^{45}.—5 ●² 7^{30}–8^h, ●° 8^{40}–8^{55}.—6 ≈ 4^h–8^h.—7 ≈ 5^h–8^h.—9 ●° 12^{35}–12^{40}.—12 ☽ 20^h–24^h.—13 ☽ 0^h–7^{30}, ≈ 0^h–7^{50}.—17 ☾ E 20^5–20^{10}.—21 ≈ 20^h–24^h.—22 ≈ 0^h–8^h, ●° 0^{25}–0^{35}.—26 ≈ ☽ 20^h–24^h.—27 ≈ ☽ 0^h–8^h, 20^h–24^h.—28 ≈ ☽ 0^h–8^h.

$C_h = +2·8$ mm. **December 1916.**

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	61·4	59·7	60·6	23·2	18·8	19·8	21·7	19·8	50	59	55	9·6	9·6	9·5	9	6	8	ENE	2	NE	2	NE	3	2·0	2·0
2	62·1	61·1	61·7	28·7	16·2	17·0	20·8	19·1	61	66	61	13·1	10·9	10·1	10	2	6	ENE	12	NE	7	NE	6	0·0	2·2
3	62·5	61·1	61·6	22·9	17·9	18·0	20·9	18·2	59	74	69	9·9	13·4	9·3	4	4	3	ENE	5	NNE	5	NNE	2	0·0	2·0
4	61·8	61·0	61·5	23·2	15·2	16·8	21·8	18·1	72	53	66	10·2	10·3	9·3	9	4	2	Calm	0	NNE	4	NE	2	0·0	1·9
5	61·2	60·5	61·2	23·0	16·8	18·0	21·0	18·9	67	55	63	10·3	10·8	10·3	4	2	2	Calm	0	NE	3	NE	4	0·0	1·4
6	61·4	59·9	60·2	23·2	17·2	19·1	20·4	18·8	63	64	70	10·3	11·4	11·4	3	5	6	NE	5	NE	5	ENE	10	0·0	1·6
7	59·5	57·9	58·2	24·2	16·4	18·8	23·1	18·9	84	65	85	13·5	13·7	13·7	9	9	2	Calm	0	NW	8	Calm	0	16·0	0·9
8	58·2	57·5	59·3	24·4	12·8	17·1	21·8	17·1	78	50	81	11·3	10·8	11·7	6	6	2	Calm	1	Calm	0	Calm	0	0·0	1·0
9	60·4	59·0	59·8	23·9	14·7	16·1	22·2	19·2	80	58	59	10·0	11·5	9·3	0	7	1	SSE	2	W	4	Calm	0	0·0	2·0
10	60·8	60·2	61·9	25·4	14·3	17·8	20·2	17·7	79	71	78	10·7	12·5	11·8	2	2	8	Calm	0	N	5	ENE	2	Drops	2·0
11	63·3	62·0	62·8	25·4	15·0	17·8	21·1	17·1	79	47	71	11·6	8·7	10·3	3	7	2	Calm	0	NE	2	Calm	2	0·0	2·2
12	61·3	59·2	58·5	23·1	12·8	14·9	22·2	17·8	81	40	56	10·1	9·2	8·4	3	2	7	ESE	4	ESE	2	ESE	8	0·0	2·9
13	58·7	59·2	60·4	22·2	13·0	17·8	20·8	18·9	75	65	65	11·4	11·8	10·6	10	4	2	Calm	0	N	10	N	11	0·0	2·4
14	60·7	60·3	61·6	23·7	16·9	18·0	20·3	17·8	69	54	64	10·6	9·5	9·7	4	10	10	Calm	0	Calm	0	Calm	0	0·0	1·6
15	62·5	61·0	61·2	24·6	13·6	14·9	23·7	18·2	69	39	75	8·7	8·5	11·6	0	0	0	Calm	0	Calm	0	Calm	0	Drops	2·0
16	62·7	62·3	63·3	24·2	14·3	15·9	21·1	18·3	78	64	79	10·5	11·8	12·3	0	5	2	SSE	5	Calm	0	ENE	8	0·0	1·0
17	63·1	62·4	62·6	24·2	14·3	16·1	21·3	16·9	68	54	73	9·3	10·2	10·4	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·2
18	61·8	60·2	61·6	23·0	14·0	14·0	21·9	17·1	81	59	75	9·6	9·8	10·6	6	0	0	Calm	2	SSE	2	Calm	0	0·0	2·2
19	61·3	60·6	60·8	23·0	12·0	14·1	22·1	17·5	77	42	57	9·2	8·2	8·4	3	0	0	SSE	6	SSE	5	Calm	0	0·0	3·0
20	61·2	60·5	61·5	24·3	13·2	14·9	23·0	18·0	54	45	62	6·8	9·4	9·5	8	0	0	SE	4	Calm	0	Calm	0	0·0	2·3
21	60·8	58·8	58·9	25·7	13·3	15·2	24·1	18·8	48	33	47	6·1	7·3	7·6	0	0	0	Calm	2	SW	4	Calm	0	0·0	3·2
22	58·7	57·7	56·8	27·8	13·3	14·7	25·1	18·0	50	55	60	6·1	8·3	9·8	5	2	2	Calm	0	Calm	0	Calm	2	Drops	3·3
23	57·1	55·4	57·0	23·7	14·0	14·5	21·0	18·5	63	70	74	7·8	14·7	11·7	10	2	3	SE	2	WNW	8	Calm	0	0·0	1·9
24	57·5	56·7	57·8	21·8	12·8	15·9	20·9	18·0	89	66	72	12·0	12·0	11·0	0	4	4	SW	8	W	17	NW	12	0·0	2·1
25	59·1	58·4	59·5	22·6	15·4	18·1	19·0	17·2	70	68	70	10·8	11·1	10·2	4	3	8	NW	12	N	15	Calm	0	14·0	1·4
26	57·8	56·7	57·4	21·1	13·3	16·0	18·3	17·1	71	78	62	10·1	12·1	8·0	7	8	9	W	14	NW	19	NNW	21	5·0	2·2
27	57·7	57·8	58·8	20·7	14·8	17·3	19·1	17·3	60	61	69	8·8	10·1	10·2	3	2	5	N	11	NNE	11	N	14	0·0	2·0
28	58·7	57·7	58·6	21·1	13·4	15·8	20·1	18·0	83	75	75	11·1	13·1	11·9	4	6	3	SW	12	SW	14	WNW	14	7·0	1·0
29	59·8	59·5	60·4	22·1	14·1	18·2	20·0	17·1	71	65	68	11·0	11·2	9·0	6	7	4	NNW	7	NNW	18	NNW	19	1·0	3·0
30	61·6	60·8	61·4	17·6	14·3	15·7	16·1	15·9	51	55	59	6·7	7·3	8·0	7	7	7	NNW	26	NNW	23	NNW	15	0·0	2·6
31	61·1	59·8	59·6	19·2	12.8	16·3	18·3	17·1	75	65	72	10·4	10·3	10·4	7	9	3	WNW	9	WNW	16	W	17	Drops	2·4
Month	60·51	59·51	60·21	23·4	14·6	16·7	21·1	18·0	70	58	67	9·9	10·6	10·3	4·7	4·0	3·6	—	4·9	—	6·7	—	5·5	45·0	2·03

Remarks:—2 ●² 6^h–6^{23}, 7^{53}–8^h, ◠ E 7^{20}, ≈ 8^h–10^h.—6 ≈ 0^h–8^h.—7 ☾ 0^h–4^h ☾ 4^{10}–6^h, ☾ ●² 6^{10}–6^{40}, ●° 7^4–7^{20}, ◠ 7^{35}–8^h.—10 ●° 8^{25}–8^{29}, 8^{35}–9^h, ◠ N 13^{30}–13^{50}.—13 ≈ 0^h–8^h.—15 ●° 0^{40}–0^{50}.—22 ●° 10^{12}–10^{52}.—23 ●° 0^{20}–0^{30}, 3^{35}–3^{45}, 6^h–6^{10}, 7^{40}–8^h, ◠ E 7^{15}, ☾ 20^h.—25 ●° 9^{35}–9^{45}, 17^h–17^2, 23^{30}–23^{40}, ◠ W 14^{30}, ●² 22^{35}–23^h.—26 ●° 0^h–0^{10}, 5^{30}–5^{45}, 12^{22}–12^{32}, 21^{40}–21^{55}, ☾ 1^h–2^{10} ●² 2^{30}–2^{45}, 14^{32}–14^{39}, ☾ 24^7–5^h, ● 9^{20}–9^{30}.—27 ●² 4^{55}–5^h, ● 5^{50}–5^{53}, ●° 6^h–6^{04}.—28 ☾ E 18^{10}, all night long.—29 ●² 3^{05}–3^{10}, 3^{15}–3^{27}, ● 3^{27}–3^{35}, 3^{40}–3^{45}, ●° 3^{47}–3^{50}, 4^{07}–4^{10}, 8^{55}–9^{05}, 15^{30}–15^{35}, ◠ E 7^{30}, N 8^{06}.—30 ●° 0^{10}–0^{15}, 2^{30}–2^{32}, 4^h–4^{04}, 4^{30}–4^{35}.—31 ●° 15^7–15^{15}.

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.

$C_h = +33·3$ mm.

January 1916.

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	28·4	25·5	26·1	30·2	17·2	19·6	29·4	24·8	42	27	29	7·0	8·2	6·7	0	0	0	NNE	2	N	3	NNW	3	0·0	13·2
2	27·4	24·8	25·6	28·6	15·8	18·1	27·5	22·3	37	23	28	5·6	6·4	5·5	0	0	0	N	4	N	2	N	2	0·0	14·0
3	27·9	26·4	28·1	23·5	14·4	15·4	23·2	19·0	45	23	21	5·8	4·7	3·4	1	—	—	N	4	N	4	N	4	0·0	13·3
4	29·6	28·0	29·3	22·0	12·1	15·4	21·4	17·8	34	20	35	4·5	3·6	5·4	2	0	0	N	4	N	4	N	3	0·0	12·9
5	30·3	27·5	28·9	23·2	10·8	13·1	22·8	18·8	37	21	24	4·2	4·3	3·8	1	0	0	NNE	3	N	3	N	3	0·0	13·9
6	30·2	28·2	28·9	23·5	12·0	14·4	22·4	18·0	23	13	24	2·8	2·7	3·8	0	—	—	N	4	N	4	N	3	0·0	12·8
7	28·9	26·6	27·3	25·3	11·5	14·5	24·8	20·3	20	14	17	3·4	3·5	2·9	1	4	0	N	3	N	3	N	3	0·0	14·4
8	29·0	27·5	28·7	22·7	12·9	14·5	22·0	18·1	25	10	20	3·6	2·6	3·1	2	—	—	N	3	N	3	N	3	0·0	12·7
9	30·0	27·1	28·1	24·1	10·2	12·9	23·5	18·7	33	17	20	3·7	3·6	3·2	1	0	0	N	4	NNE	4	NNE	4	0·0	12·0
10	28·6	26·2	27·4	28·6	11·0	13·0	27·5	21·4	27	19	19	3·6	5·1	3·7	0	0	0	NNE	3	NE	2	NNE	3	0·0	11·2
11	27·6	25·4	25·6	29·4	12·9	16·4	28·7	23·8	37	19	21	5·2	5·5	4·6	0	0	0	NNE	4	N	3	NNE	2	0·0	11·9
12	26·3	24·0	24·3	31·7	14·9	18·8	30·7	23·5	58	24	43	9·3	8·1	9·3	0	0	0	NNE	4	NNE	3	N	2	0·0	9·8
13	25·3	23·0	25·8	34·0	17·0	20·3	32·4	26·0	59	30	39	8·8	10·8	8·8	0	0	0	N	1	Calm	0	Calm	0	0·0	8·1
14	25·7	23·9	25·5	33·9	17·8	21·5	33·2	26·7	51	23	26	9·7	8·6	6·7	0	0	0	N	2	NNW	1	N	3	0·0	13·4
15	26·3	25·1	25·6	34·7	17·1	20·3	33·5	26·5	53	15	29	5·9	5·7	7·4	1	2	0	N	4	NE	3	N	1	0·0	13·8
16	26·4	24·4	25·0	33·1	16·8	19·8	32·2	25·8	33	19	24	5·6	7·6	5·8	3	3	0	N	4	N	2	N	2	0·0	15·0
17	26·8	25·2	27·3	28·3	16·5	17·8	28·0	22·8	28	16	11	4·3	4·5	2·5	0	—	—	N	2	N	5	N	6	0·0	21·2
18	28·8	26·8	27·4	24·2	12·9	14·1	23·4	19·8	27	9	13	3·2	2·6	2·2	—	5	0	N	5	N	4	N	4	0·0	15·6
19	28·9	26·9	27·8	24·9	12·4	14·2	23·8	19·9	27	21	18	3·3	4·6	3·1	0	9	2	N	3	N	5	N	4	0·0	13·5
20	29·0	27·2	28·1	24·7	11·9	14·7	23·7	18·8	30	20	24	3·8	4·3	3·8	5	3	1	N	4	NNE	4	N	3	0·0	13·0
21	29·4	26·7	27·2	24·2	10·0	13·2	23·4	19·0	30	16	23	3·4	3·4	3·7	0	—	0	N	4	NNE	4	N	4	0·0	12·7
22	27·5	25·3	25·9	25·5	8·8	12·6	24·4	20·3	29	4	15	3·1	0·8	2·7	1	3	1	N	3	NE	1	N	3	0·0	11·5
23	26·8	25·1	26·2	25·2	11·9	14·8	24·6	19·5	30	17	21	3·8	4·0	3·4	2	4	1	N	3	NNE	3	N	2	0·0	13·0
24	28·0	27·3	27·9	22·7	11·0	13·1	22·1	18·3	28	9	13	2·8	1·8	2·6	0	—	0	N	4	N	4	N	4	0·0	13·4
25	30·3	27·5	28·6	23·1	9·0	13·7	21·8	17·5	30	15	24	3·6	3·6	3·6	0	0	0	N	4	N	2	N	3	0·0	12·4
26	29·9	27·6	28·2	23·7	9·5	11·5	22·8	17·9	35	13	19	3·6	2·6	3·0	0	2	0	N	4	NNE	4	N	3	0·0	11·6
27	30·0	27·4	28·4	24·6	9·4	12·6	23·7	17·8	19	6	14	2·1	1·3	2·1	0	0	0	N	3	NNE	1	N	3	0·0	12·6
28	29·6	27·5	28·6	26·4	9·6	12·6	25·2	20·3	27	6	13	2·6	1·4	2·3	0	0	0	NNE	3	NNE	4	N	3	0·0	13·0
29	29·7	28·1	27·3	25·1	10·2	13·3	24·0	18·7	23	9	16	2·6	1·6	2·6	0	0	0	N	4	NNE	4	N	4	0·0	12·6
30	28·0	25·6	25·8	28·1	9·5	13·9	26·7	22·3	34	17	16	4·3	4·3	3·4	0	0	0	NNE	3	NE	3	NNE	4	0·0	11·8
31	26·6	24·4	24·9	31·1	13·3	15·4	30·4	23·9	27	11	19	3·6	3·4	4·3	0	0	0	NNE	2	NE	2	NNE	1	0·0	13·2
Month	28·30	26·20	27·03	26·8	12·6	15·3	25·9	20·9	33	16	22	4·[illegible]	4·3	4·1	0·7	1·4	0·2	—	3·4	—	3·0	—	3·0	0·0	13·02

Remarks:—3 ∞ 14h, 20h.—6 ∞ 14h, 20h.—8 ∞ 14h, 20h.—17 ∞ 14h, 20h.—18 ∞ 8h.—21 ∞ 14h.—24 ∞ 14h.

$C_h = -32·8$ mm.

February 1916.

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	23·0	23·7	34·2	15·2	18·3	33·5	25·2	31	10	20	4·9	3·7	4·8	1	3	0	N	2	NE	3	NNE	2	0·0	14·3
2	24·8	22·8	23·8	33·1	15·7	19·3	32·3	25·4	33	14	24	5·5	4·9	5·7	0	0	0	NNE	4	NNE	4	NNE	3	0·0	14·4
3	25·7	24·2	23·7	32·8	15·4	19·1	32·3	26·7	29	14	22	4·8	4·9	5·6	0	3	0	NNE	4	NE	4	NE	1	0·0	15·0
4	27·5	25·0	25·8	33·5	16·8	19·8	33·2	25·8	36	12	20	6·5	4·4	4·9	0	0	0	NE	4	NE	4	N	4	0·0	15·2
5	27·2	24·8	25·4	32·6	15·4	19·3	31·3	26·8	30	13	17	6·4	4·5	4·4	—	3	0	NNE	4	N	5	N	3	0·0	15·0
6	26·2	24·0	24·1	33·5	16·9	21·3	32·2	27·7	47	17	18	8·9	6·4	4·8	—	0	0	NE	4	NE	4	NNE	4	0·0	14·8
7	24·9	22·1	22·3	35·6	18·1	20·6	34·6	28·1	61	13	20	11·0	5·5	5·6	0	0	0	NE	4	NE	5	NNE	3	0·0	15·3
8	23·4	21·0	21·7	34·8	17·6	21·1	34·0	28·1	62	14	22	11·5	5·7	6·1	0	0	0	NNE	3	NE	5	NNE	3	0·0	13·4
9	23·9	21·9	24·3	35·5	18·2	22·1	34·7	22·8	43	14	39	8·4	6·1	7·9	0	0	—	Calm	0	NW	3	N	5	0·0	18·1
10	26·6	24·1	24·7	30·7	16·3	18·8	30·2	24·7	25	11	14	4·0	3·4	3·3	0	0	0	N	4	NNE	4	NNW	3	0·0	16·6
11	25·8	23·4	24·1	31·8	14·9	18·4	31·1	26·6	17	12	21	2·8	4·2	5·3	0	0	0	NNE	3	NNW	3	NNE	3	0·0	14·1
12	25·7	23·6	24·0	34·6	16·3	19·6	34·1	27·8	27	11	14	4·6	4·4	5·8	0	0	0	NNE	4	NNE	4	N	4	0·0	16·5
13	25·6	23·3	23·8	36·4	16·9	20·6	35·8	26·7	27	7	14	4·9	3·1	4·2	0	0	0	N	4	NE	4	NNE	4	0·0	17·5
14	25·0	22·7	22·8	36·0	17·9	21·8	35·6	29·2	43	7	11	8·3	2·9	3·3	0	0	0	NNE	3	ENE	4	NNE	4	0·0	17·8
15	23·8	20·9	21·0	34·9	16·9	20·4	33·5	28·7	51	17	22	9·0	6·5	6·4	0	0	0	N	3	NE	4	N	4	0·0	14·0
16	22·6	21·5	22·7	34·8	20·7	24·1	34·2	28·5	41	18	12	9·2	7·2	3·4	0	3	5	NNE	4	N	4	N	4	0·0	18·6
17	25·2	24·6	25·5	30·3	16·9	17·8	29·7	23·8	29	9	15	3·0	2·9	3·5	2	—	0	N	4	N	4	N	5	0·0	21·3
18	26·6	24·4	24·3	29·6	13·6	16·8	29·1	24·7	22	13	15	3·2	3·8	3·4	2	4	3	N	4	N	4	N	3	0·0	17·3
19	25·8	24·1	25·1	30·1	15·5	18·7	29·3	23·9	12	8	14	2·0	2·4	3·0	1	1	0	N	3	N	3	N	3	0·0	17·8
20	26·3	24·5	25·5	29·6	15·2	18·4	29·0	24·0	17	12	15	2·7	3·4	3·2	1	3	6	N	3	NNE	4	N	4	0·0	16·4
21	27·4	25·7	26·2	29·8	13·0	17·2	29·3	23·5	17	5	11	2·5	1·6	2·5	0	—	0	N	4	NE	5	N	3	0·0	16·5
22	27·4	25·1	25·2	30·2	13·2	17·8	29·7	25·0	26	8	13	3·1	2·6	2·9	1	3	0	NNE	4	N	3	N	4	0·0	16·0
23	27·5	26·4	26·5	28·9	13·6	17·9	28·5	22·1	16	7	11	2·5	2·0	2·3	4	—	0	NE	4	NNE	5	N	4	0·0	15·5
24	28·6	26·4	26·1	27·9	12·1	17·0	27·2	20·9	20	8	19	2·9	2·2	3·4	1	—	0	NNE	5	NNE	5	N	3	0·0	15·8
25	28·1	25·9	26·1	26·9	11·4	15·0	28·2	23·3	24	8	17	3·0	2·4	3·6	1	0	0	N	4	N	5	N	3	0·0	16·7
26	27·4	25·7	25·8	29·2	14·3	17·4	28·4	24·8	15	10	10	2·2	3·0	2·2	0	0	0	N	4	N	3	N	3	0·0	15·0
27	27·4	24·8	24·8	31·0	14·0	19·0	30·2	24·8	17	7	16	2·7	2·3	3·7	0	0	0	NNE	4	N	4	N	4	0·0	16·4
28	26·0	24·7	24·6	32·2	13·9	19·1	31·1	25·7	16	6	11	2·6	2·0	2·7	0	0	0	NNE	3	NE	4	NNE	1	0·0	16·9
29	26·2	24·2	25·3	35·0	16·3	21·4	34·5	27·8	19	6	10	3·7	2·5	2·9	0	—	0	NNE	4	NNE	6	NNE	4	0·0	19·4
Month	26·00	23·96	24·44	32·3	15·6	19·2	31·6	25·7	29	11	17	5·1	3·8	4·1	0·5	1·0	0·5	—	3·6	—	4·1	—	3·4	0·0	16·26

Remarks:—5 ∞ 8h.—9 ∞ 15^{30}, 20h.—17 ∞ 14h.—21 ∞ 14h.—23 ∞ 14h.—24 ∞ 14h.—29 ∞ 9h–15^{30}.

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 = + 32·8 mm.

March 1916.

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	26·4	24·4	24·5	36·1	18·8	24·8	35·6	26·7	17	5	12	4·0	2·0	3·4	0	—	0	ENE	2	NE	6	NNE	3	0·0	21·2
2	25·7	23·7	23·7	36·2	18·9	25·0	35·6	30·6	17	5	6	4·1	2·3	2·0	1	—	0	NNE	4	ENE	5	NNE	4	0·0	20·0
3	23·9	21·1	21·7	38·6	18·5	23·9	38·2	30·6	32	2	6	7·1	1·0	2·0	3	—	0	Calm	0	ENE	5	NNE	4	0·0	24·0
4	22·8	20·0	20·4	38·7	18·8	23·2	37·9	30·9	23	6	12	4·7	3·2	3·8	1	4	0	NNE	2	NE	3	N	2	0·0	17·8
5	21·7	19·4	19·9	39·8	20·8	24·9	38·1	32·7	35	12	13	8·3	6·2	4·8	0	0	0	NNE	2	Calm	0	N	1	0·0	15·4
6	20·8	18·9	19·2	40·6	21·6	26·2	39·4	32·7	37	12	13	9·1	6·2	4·7	0	0	0	NE	1	NNE	1	N	2	0·0	18·8
7	21·5	19·0	20·1	39·4	21·8	26·4	39·0	31·7	32	8	10	8·1	4·0	3·5	0	1	0	NNE	2	NE	4	NNE	2	0·0	22·4
8	22·1	20·7	21·1	39·4	21·9	27·2	39·2	31·3	27	5	15	7·1	2·6	5·1	0	0	0	NNE	2	NE	3	Calm	0	0·0	20·3
9	22·5	20·3	20·5	39·3	22·4	28·0	38·0	29·8	16	5	7	4·5	2·4	2·4	0	0	0	NNE	2	N	3	N	1	0·0	18·9
10	21·6	19·2	19·4	39·0	18·3	24·3	38·6	31·2	10	4	10	2·2	2·1	3·2	0	0	0	N	1	N	3	N	2	0·0	25·4
11	22·7	20·7	21·9	36·2	21·9	25·2	35·4	29·7	9	4	8	2·1	1·7	2·4	0	—	0	N	4	N	4	N	4	0·0	27·2
12	25·1	23·3	24·1	33·1	17·8	21·8	31·9	26·7	11	4	6	2·0	1·2	1·5	0	0	0	NNE	4	NNE	4	N	4	0·0	20·9
13	25·9	24·1	24·4	32·6	13·8	18·2	32·0	24·8	14	6	13	2·2	2·0	3·1	0	0	0	NNE	2	NNW	2	N	2	0·0	18·3
14	26·2	23·9	24·0	34·0	15·3	21·8	33·3	27·7	11	6	9	2·0	2·2	2·4	0	0	0	NE	2	NE	3	NNE	1	0·0	18·5
15	25·4	23·4	23·4	34·7	17·6	22·0	33·9	26·7	16	4	12	3·1	1·6	3·0	0	0	0	NE	2	NE	3	NNE	1	0·0	17·0
16	25·9	23·0	23·6	35·0	16·1	21·0	34·4	27·2	14	4	7	2·5	1·7	1·9	0	0	0	NNE	3	NE	4	NNE	3	0·0	16·4
17	25·5	23·1	23·3	37·0	16·5	23·3	36·1	29·6	13	9	12	2·8	4·1	3·6	0	0	0	NNE	4	N	2	N	3	0·0	17·4
18	25·6	23·8	23·7	36·0	16·8	24·3	35·8	28·2	11	3	9	2·5	1·3	2·7	0	0	0	NNE	4	NE	4	N	2	0·0	21·1
19	26·2	24·1	24·5	33·2	17·8	24·0	32·7	25·8	10	5	9	4·2	1·9	2·3	0	0	0	NNE	4	N	3	NNW	4	0·0	22·6
20	26·8	24·3	24·2	30·7	16·2	19·7	27·7	25·1	23	15	9	3·9	4·0	2·1	0	0	0	NNE	4	NNE	4	N	3	0·0	18·3
21	26·2	24·0	23·7	31·4	14·3	19·6	30·2	22·8	22	7	17	3·7	2·1	3·6	0	0	0	N	4	NNW	3	N	2	0·0	15·4
22	25·3	23·7	23·9	32·6	15·8	20·5	31·7	25·4	15	5	11	2·7	1·8	2·6	0	1	0	N	3	NNW	1	N	3	0·0	17·7
23	25·4	23·0	23·5	34·0	15·6	22·6	33·3	28·4	8	10	14	1·6	4·0	4·0	4	2	0	NNE	5	NNE	3	NNE	3	0·0	18·6
24	25·3	22·8	23·3	35·3	18·1	23·5	34·7	28·3	16	6	10	3·4	2·6	2·9	7	2	0	NNE	4	N	2	NNE	1	0·0	18·0
25	25·2	22·7	22·9	37·4	16·5	24·8	36·0	29·2	7	11	15	1·6	4·8	4·6	1	3	1	N	4	NNE	2	N	3	0·0	17·8
26	24·0	21·8	21·7	38·0	21·6	26·8	37·3	30·3	19	10	14	4·8	5·0	4·6	2	0	0	N	3	Calm	0	NNW	1	0·0	17·1
27	23·6	21·6	21·5	38·3	20·9	26·6	36·7	31·7	25	12	14	6·3	5·4	5·1	0	0	0	NNE	2	N	3	N	2	0·0	20·3
28	23·7	22·1	22·1	38·0	22·2	28·9	37·2	31·3	10	6	9	2·9	2·7	3·3	—	0	0	NNE	5	NNE	4	NNE	4	0·0	23·1
29	25·0	22·9	23·1	37·9	21·2	26·7	37·5	31·2	14	4	7	3·6	2·0	2·5	6	2	0	NE	3	ENE	3	NE	4	0·0	21·0
30	25·6	22·9	22·8	37·4	20·5	25·7	37·0	31·7	20	6	10	4·8	2·8	3·4	1	0	0	NE	3	NE	4	NNE	1	0·0	19·8
31	23·4	20·9	20·9	39·3	21·1	26·0	38·8	31·9	21	7	10	5·2	3·8	3·7	0	0	0	Calm	0	N	4	NNW	2	0·0	21·3
Month	24·42	22·22	22·48	36·4	18·7	24·1	35·6	29·2	18	7	11	4·1	2·9	3·2	0·9	0·6	0·0	—	2·8	—	3·1	—	2·4	0·0	19·74

Remarks:—1 ∞ 14h.—2 ∞ 14h.—3 ∞ 14h.—11 ∞ 14h.—28 ∞ 8h.

C_h = + 32·0 mm.

April 1916.

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	23·2	20·6	20·5	38·2	22·3	29·1	37·3	31·7	9	7	14	2·7	3·4	5·0	0	0	0	NNE	4	NNE	3	NNE	2	0·0	20·3
2	22·8	20·6	20·9	38·5	21·2	27·7	37·0	31·2	7	6	6	2·0	3·0	2·1	0	0	0	NE	3	Calm	0	NNE	2	0·0	18·2
3	23·4	21·1	21·3	39·6	21·4	28·2	38·8	31·9	6	6	11	1·9	3·1	4·0	2	0	0	NE	3	NE	2	Calm	0	0·0	18·8
4	23·0	20·8	20·5	42·7	21·4	30·0	40·2	31·3	11	6	18	3·6	3·1	6·0	0	0	0	ESE	3	Calm	0	NE	1	0·0	16·7
5	22·0	19·6	19·6	43·8	21·2	31·9	42·1	35·8	10	5	11	3·4	3·2	4·8	2	0	0	ESE	4	Calm	0	Calm	0	0·0	19·7
6	22·2	20·1	19·8	43·4	24·1	30·5	42·3	35·5	17	7	10	5·7	4·3	4·3	1	0	0	NNE	4	Calm	0	NNE	4	0·0	22·4
7	22·4	20·0	20·2	42·0	24·4	29·7	41·3	34·9	15	10	15	4·6	5·7	6·3	2	—	0	NE	4	ENE	4	NNE	3	0·0	20·6
8	21·9	20·0	20·2	41·3	24·6	29·8	40·6	33·3	14	8	12	4·5	4·5	4·9	0	0	0	NNE	4	NNE	4	N	2	0·0	24·9
9	22·2	20·1	20·3	41·0	24·2	30·6	40·4	35·3	13	8	8	4·3	4·2	3·5	0	0	0	NNE	4	NNE	4	N	3	0·0	21·9
10	22·6	20·0	19·8	43·4	25·4	32·3	41·4	35·8	16	7	10	5·8	4·0	4·3	0	0	0	Calm	0	Calm	0	NNE	1	0·0	17·8
11	21·9	19·3	19·6	43·4	24·8	31·6	43·0	35·8	10	7	10	3·6	4·7	4·2	0	0	0	NE	2	WNW	2	N	4	0·0	20·9
12	21·1	18·8	18·0	42·6	24·0	31·5	41·5	35·1	5	9	11	1·8	5·4	4·6	0	0	0	NNE	4	E	1	NNE	2	0·0	19·3
13	20·9	17·6	17·0	44·1	23·9	31·2	43·7	34·7	8	5	12	2·8	3·6	5·0	2	10	0	SE	3	S	4	SW	3	0·0	19·7
14	21·6	20·6	23·6	39·1	28·4	33·8	38·9	32·2	30	13	6	11·9	6·9	2·3	7	—	0	SW	5	W	5	N	5	Drops	26·2
15	27·5	25·0	24·6	33·6	24·5	25·3	31·2	28·7	20	8	14	4·6	2·8	4·0	10	10	4	NNE	4	NNE	4	N	4	0·0	18·9
16	25·5	23·2	23·0	37·6	20·5	25·3	36·7	30·3	14	11	12	3·3	5·2	3·9	1	0	0	NNE	4	NNW	1	N	1	0·0	19·5
17	25·8	23·6	23·9	38·8	21·3	27·0	37·8	32·7	15	17	16	3·9	8·5	5·9	1	1	0	NNE	3	NNE	1	NNW	3	0·0	20·7
18	25·1	23·7	22·5	39·5	22·4	28·6	38·7	35·2	10	9	12	5·4	4·8	5·0	1	3	0	NNE	2	N	4	N	3	0·0	24·4
19	24·6	22·3	22·0	39·1	24·5	30·3	38·5	32·2	8	5	10	2·6	2·4	3·7	1	—	0	NNE	4	NNE	6	N	4	0·0	29·0
20	25·6	23·3	23·7	36·8	22·8	28·2	36·4	29·3	10	5	8	3·1	2·4	2·4	0	—	0	NE	5	N	5	N	4	0·0	24·7
21	24·7	22·4	22·7	36·0	17·4	23·8	35·1	28·6	7	4	7	1·5	1·6	2·2	—	0	0	NNE	5	N	3	N	3	0·0	21·8
22	23·3	21·1	21·4	37·0	18·2	26·2	36·0	30·3	6	3	8	1·6	1·2	2·6	0	0	0	NNE	4	NE	2	N	3	0·0	19·4
23	23·2	21·3	21·3	39·4	21·1	28·0	38·8	30·2	6	2	11	1·6	0·9	3·4	0	0	0	N	4	WSW	2	NW	1	0·0	17·4
24	23·2	20·8	20·9	40·3	20·0	29·1	40·1	30·8	9	4	13	2·8	2·5	4·3	0	0	0	NNE	3	Calm	0	Calm	0	0·0	16·8
25	23·2	21·1	21·4	41·4	22·2	28·3	40·1	31·0	14	4	10	3·9	2·2	5·6	3	2	0	NNE	3	Calm	0	NW	1	0·0	16·4
26	22·4	20·0	20·4	42·8	23·2	31·0	40·8	33·7	10	5	8	3·3	2·9	3·1	0	1	0	NNE	3	WNW	1	NNW	1	0·0	17·5
27	22·2	19·7	19·6	43·8	22·1	31·1	43·4	34·1	16	4	9	5·5	2·9	3·7	0	2	0	Calm	0	SW	1	WNW	3	0·0	15·5
28	21·4	19·0	19·6	44·8	24·6	30·4	44·1	37·4	21	10	15	7·0	6·5	7·4	4	7	4	Calm	0	Calm	0	E	4	0·0	18·5
29	22·0	20·6	19·8	40·7	27·8	31·8	39·8	34·7	36	16	23	12·6	9·2	9·6	3	3	0	S	6	S	5	S	4	0·0	19·5
30	23·8	20·5	19·9	40·6	25·4	30·9	30·9	34·1	34	16	19	11·2	9·2	7·4	—	2	1	E	6	Calm	0	NNE	4	Drops	17·0
Month	23·19	20·89	20·99	40·5	23·0	29·4	39·5	32·9	14	8	12	4·4	4·1	4·5	1·4	1·6	0·3	—	3·4	—	2·1	—	2·5	Drops	2[illegible]·15

Remarks:—7 ∞ 14h.—14 ∞∞ 8h–17³⁰.—19 ∞ 8³⁰–15³⁰.—20 ∞ 8¹⁵–16h.—21 ∞ 8h.—29 < E 20h, <.

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 = + 31·4 mm.

May 1916.

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	23·2	21·9	22·1	39·4	25·4	30·7	37·3	29·2	37	21	39	12·0	9·9	11·0	2	8	10	S	5	Calm	0	NNE	5	10·0	11·1
2	24·2	22·1	21·7	39·4	18·4	27·9	38·3	32·7	42	10	16	11·6	5·0	6·1	0	4	0	Calm	0	NE	3	NNE	1	0·0	17·9
3	23·7	22·1	21·7	40·6	25·5	31·3	38·4	33·7	30	13	14	10·3	6·0	5·3	10	10	0	ENE	4	Calm	0	N	1	0·0	17·0
4	24·3	22·1	22·1	40·1	22·9	31·8	37·3	32·0	25	6	14	8·7	3·1	4·8	4	6	0	SSE	3	NW	3	NNE	3	0·0	16·3
5	25·6	23·2	23·4	40·9	22·8	29·2	40·2	33·0	10	3	7	4·0	1·5	2·9	0	2	3	Calm	0	SSW	2	N	2	0·0	19·4
6	25·6	23·9	23·5	40·4	23·8	30·6	39·1	33·5	10	5	6	3·2	2·8	2·4	1	0	0	NNE	2	NNE	3	N	4	0·0	21·3
7	24·3	22·4	22·1	40·9	22·2	31·4	40·7	32·7	11	8	17	3·8	4·4	6·2	1	1	0	NNE	4	Calm	0	NNW	1	0·0	18·2
8	23·3	21·6	21·0	40·9	24·2	29·6	40·0	33·2	12	6	17	3·8	3·4	6·5	4	4	4	N	4	E	2	Calm	0	0·0	19·0
9	23·7	22·3	22·4	40·0	23·9	28·7	39·4	31·9	12	5	17	3·5	2·9	6·1	8	9	10	N	3	Calm	0	Calm	0	0·0	19·1
10	25·2	23·1	23·1	39·6	25·4	29·7	36·8	31·8	10	5	10	3·0	2·2	3·4	4	6	3	N	3	Calm	0	N	1	0·0	20·4
11	25·6	23·3	23·2	39·9	21·6	29·6	37·2	31·3	9	5	15	2·6	2·4	5·2	1	0	0	ENE	1	NNE	2	NW	1	0·0	16·5
12	24·8	22·6	22·4	40·6	21·7	28·6	40·3	31·7	10	5	11	3·9	3·0	4·6	1	2	4	NNW	4	WNW	2	Calm	0	0·0	19·7
13	24·3	22·3	22·0	41·4	25·3	31·7	40·1	32·7	7	3	12	2·3	1·7	4·5	8	7	8	ENE	3	SW	2	Calm	0	0·0	15·9
14	24·9	22·5	22·1	42·1	25·4	29·8	38·2	33·6	25	9	15	8·0	4·4	5·6	10	9	9	S	4	N	1	NNE	2	0·0	16·7
15	23·1	20·8	20·6	42·0	25·9	31·0	40·3	36·2	14	9	16	4·8	5·2	7·3	2	6	5	NNE	1	NE	3	Calm	0	0·0	18·4
16	22·0	19·7	19·8	43·3	29·2	32·8	40·8	36·7	33	14	22	12·0	8·2	10·1	1	4	3	WSW	3	ENE	2	Calm	0	0·0	17·4
17	23·0	20·6	21·4	44·1	28·5	34·1	43·0	34·2	29	16	30	11·5	10·4	12·1	1	5	8	SSE	4	Calm	0	E	1	0·0	19·5
18	23·7	21·0	21·1	42·0	29·3	31·7	40·7	37·3	30	19	18	12·6	10·8	8·8	6	1	3	S	4	NE	1	S	4	0·0	18·7
19	22·1	19·7	19·9	43·1	30·3	36·2	42·4	36·1	23	13	20	10·5	8·1	9·0	0	8	—	WSW	4	NNE	1	ESE	2	Drops	16·8
20	23·4	20·9	20·6	41·3	26·4	30·9	40·4	35·8	42	20	24	13·8	11·0	10·4	10	—	0	S	3	NW	3	S	2	3·3	14·1
21	22·6	20·6	20·3	42·6	24·0	30·7	40·8	36·3	51	16	19	16·7	8·9	8·9	—	1	0	S	1	Calm	0	S	6	Drops	15·6
22	22·7	21·0	20·9	43·1	29·1	33·7	41·8	33·3	31	18	27	12·3	10·7	10·4	1	3	10	S	2	SW	2	N	4	0·6	17·2
23	23·0	20·3	19·7	42·2	22·9	32·3	41·3	35·9	14	10	16	4·9	5·9	7·1	1	—	0	NNE	3	NE	4	N	3	0·0	26·9
24	22·1	19·8	19.5	41·5	26·6	31·4	40·7	35·8	7	7	6	2·5	3·7	2·8	—	0	0	N	5	NNE	3	NW	4	0·0	28·1
25	22·6	20·3	20·0	42·0	23·8	30·1	39·8	35·8	10	8	10	3·2	4·1	4·5	1	0	0	N	3	NE	2	NW	1	0·0	22·1
26	23·9	20·9	20·5	42·0	27·2	30·3	40·7	34·5	44	15	17	14·2	8·6	6·8	—	—	0	WSW	4	Calm	0	N	1	0·0	18·7
27	23·1	20·2	20·0	42·6	27·3	31·0	42·2	36·4	12	8	9	4·1	4·7	4·3	—	—	0	WSW	2	NE	4	N	3	0·0	27·2
28	24·4	21·3	20·7	40·0	29·9	33·2	39·1	33·7	12	14	14	4·4	7·2	5·3	—	—	0	ENE	4	N	1	N	3	0·0	21·2
29	24·0	21·9	21·5	41·5	26·5	32·6	39·8	34·3	8	6	9	3·1	3·5	3·7	—	—	0	SE	3	NNE	1	N	1	0·0	21·6
30	22·8	20·7	20·3	41·1	22·9	30·3	40·7	33·2	10	6	14	3·3	3·2	5·6	1	2	0	NNE	3	Calm	0	Calm	0	0·0	19·2
31	21·6	20·4	19·9	42·9	22·3	31·1	41·4	33·6	8	4	15	2·8	2·5	5·6	2	2	0	N	2	Calm	0	NW	1	0·0	23·3
Month	23·04	21·47	21·27	41·4	25·2	31·1	40·0	34·0	21	10	16	7·0	5·5	6·4	3·2	4·0	2·7	—	2·9	—	1·5	—	1·8	13·9	19·18

Remarks.—1 ●° 0^{h}, K ● NNE 15^{45}–16^{h}.—17 ∞ SE 15^{30}–16^{30}, 21^{h}, < N, S, and SW 20^{h}.—18 < SE 20^{h}.—19 ∞ SE 20^{h}.—20 ∞ 14^{h}, < E 20^{h}.—21 ∞ 8^{h}, K ● 23^{30}–23^{50}.—22 ●° SE 1^{h}, K ∞^{2} 17^{h}–18^{30}.—23 ∞ 14^{h}.—24 ∞ 8^{h}.—26 ∞^{2} S 1^{h}, ∞ 8^{h}, 14^{h}.—27 ∞ 8^{h}, 14^{h}.—28 ∞ 8^{h}, 14^{h}.—29 ∞^{2} 8^{h}, 14^{h}

C_h = + 32·0 mm.

June 1916.

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	22·9	21·4	20·8	42·1	27·1	31·2	39·8	34·7	10	6	11	3·2	3·5	4·7	0	0	0	NNW	3	Calm	0	NNW	1	0·0	22·6
2	22·7	21·1	20·7	42·5	25·2	29·8	42·1	33·7	12	4	18	3·8	2·7	6·9	1	1	0	NNE	1	WNW	2	Calm	0	0·0	19·4
3	21·8	20·3	19·6	42·6	25·6	32·0	41·2	38·3	8	4	12	2·7	2·6	6·0	1	4	9	Calm	0	NNE	2	Calm	0	Drops	22·5
4	21·9	20·2	19·4	43·0	31·6	33·6	41·3	38·4	33	13	16	12·7	7·7	8·1	4	10	10	SSW	4	Calm	0	S	5	0·0	19·8
5	22·4	21·5	21·8	42·0	28·9	32·4	39·8	34·3	30	20	33	12·9	11·3	13·2	3	6	8	S	4	SSW	3	SSW	6	19·3	13·4
6	23·9	23·0	22·4	37·5	22·0	27·7	35·1	32·6	65	32	45	17·8	13·4	16·5	4	2	0	S	5	SSW	4	S	3	0·0	11·0
7	23·8	21·7	22·4	40·2	25·5	30·6	38·3	32·7	47	21	35	15·3	10·7	12·7	4	8	10	SW	4	WNW	2	NNE	5	Drops	12·7
8	21·6	19·6	19·1	42·3	28·3	31·7	40·8	34·6	36	10	18	12·4	6·0	7·4	—	0	0	WNW	3	NW	1	NNW	1	0·0	16·1
9	20·5	19·2	18·5	42·9	26·3	31·2	41·3	34·5	36	10	25	12·2	5·9	10·0	0	0	0	SW	4	S	1	SW	2	0·0	16·1
10	22·3	20·2	19·9	41·2	27·5	30·7	40·0	35·9	42	16	19	13·8	9·1	8·8	—	10	0	SW	5	SW	4	SW	4	0·0	17·4
11	21·4	19·6	19·4	42·3	27·9	30·9	40·7	36·7	43	10	17	14·2	5·9	8·0	—	8	2	SW	5	W	2	ENE	3	0·0	16·8
12	21·9	19·7	19·6	41·2	29·6	32·6	39·0	35·4	34	14	15	12·4	7·1	6·5	3	8	4	SE	5	Calm	0	Calm	0	0·0	14·2
13	22·5	20·4	20·0	40·4	27·4	29·3	39·4	34·3	52	14	19	15·7	7·5	7·6	5	6	1	S	5	Calm	0	SW	2	0·0	14·3
14	22·0	20·2	20·2	41·0	25·5	30·3	40·1	33·8	46	15	22	14·5	8·4	8·7	1	2	0	S	5	S	3	S	4	0·0	17·6
15	23·5	20·9	21·8	39·9	28·0	32·2	38·8	29·7	39	24	46	14·1	12·5	14·2	1	8	10	S	5	SW	4	S	5	0·0	15·5
16	23·7	21·8	21·7	39·4	27·6	29·2	38·5	32·3	50	25	36	14·9	13·0	13·1	7	2	—	S	4	SSW	2	S	7	0·0	14·0
17	25·6	23·5	22·8	38·4	28·3	30·1	37·4	31·7	51	27	38	16·0	12·9	13·1	4	4	—	S	6	SSW	5	S	5	0·0	15·3
18	24·5	22·2	21·7	40·4	25·9	27·2	39·0	32·9	59	23	33	15·9	12·1	12·4	7	2	8	S	6	WSW	3	S	7	Drops	12·9
19	23·7	21·4	21·5	39·3	25·0	28·6	38·4	34·2	52	25	32	15·1	12·7	12·9	6	10	2	S	6	W	4	W	1	0·0	17·1
20	25·7	23·1	23·5	38·0	26·2	27·3	36·7	31·5	59	26	34	16·0	12·1	11·9	—	3	2	S	7	S	2	SW	1	0·0	23·5
21	24·3	22·3	22·0	40·3	27·3	32·2	38·8	34·2	32	19	28	11·6	9·9	11·1	2	8	—	SW	4	SSW	1	WSW	3	Drops	14·2
22	23·8	22·3	22·1	39·0	26·9	31·3	38·3	32·9	43	23	36	14·7	11·4	13·3	3	2	—	S	4	SW	4	SW	5	0·0	16·9
23	24·1	21·4	20·8	40·9	25·7	28·3	40·0	35·9	51	21	24	14·5	11·7	10·6	0	2	—	SSW	4	W	4	S	4	Drops	16·1
24	23·0	21·2	20·5	40·5	25·6	30·7	38·7	35·1	42	21	26	13·8	11·0	10·7	0	0	0	SW	5	WSW	4	SSW	3	0·0	17·8
25	23·4	21·5	20·6	40·3	27·5	30·1	39·2	33·3	45	23	27	14·1	12·2	10·4	10	—	—	SSW	5	SW	4	SSW	4	0·0	17·7
26	22·9	21·3	22·3	39·6	28·6	31·2	38·7	30·0	48	24	46	16·0	12·5	14·5	10	—	—	S	5	SW	4	S	8	0·0	17·9
27	24·7	23·1	22·6	36·6	25·0	27·3	35·3	32·2	57	33	39	15·5	13·9	14·1	10	10	—	SSE	6	SSW	4	SSW	4	0·0	12·0
28	23·7	22·1	22·3	38·5	25·5	26·5	36·8	26·6	61	30	70	15·6	13·7	18·1	10	8	—	SW	5	W	2	SW	2	2·1	7·6
29	25·5	24·0	24·7	37·7	23·4	26·8	36·6	29·7	69	31	48	18·2	14·2	14·7	9	6	—	SSE	3	SW	1	NW	1	0·8	9·6
30	28·1	24·7	24·7	38·6	22·4	23·8	36·4	31·3	79	25	41	17·3	11·7	13·9	9	8	—	S	5	SE	4	S	3	0·0	11·5
Month	23·39	21·50	21·31	40·3	26·6	29·9	38·9	33·4	45	20	30	13·6	10·0	11·1	4·4	4·9	—	—	4·4	—	2·5	—	3·3	22·2	15·78

Remarks.—4 ∞^{2} S 23^{h}.—5 K ∞ E 19^{15}–19^{30}, ● 21^{h} 21^{30}, K E.—6 ●^{2} K S 1^{30}, < SE 19^{30}.—7 ∞ ● N 20^{h}.—8 ∞ 8^{h}.—9 ∞^{2} SW 0^{h}.—10 ∞ 8^{h}.—11 ∞ 8^{h}, ∞ S 21^{30}.—15 ∞ SW 16^{45}–17^{50}, K S, NW and E.—16 ∞ S 19^{h}–20^{15}.—17 ∞ S 16^{h}, 20^{h}.—18 ●° K S 20^{h}.—19 T E 16^{h}.—20 ∞ S 7^{h}, 8^{h}.—21 < E and SE 19^{30}, ∞ 20^{h} < S 21^{30}.—22 ● 0^{45}, ∞ N 20^{15}–20^{40}.—26 ∞ 14^{h}, ∞^{2} S 19^{30}–20^{30}.—27 ∞ 20^{h}.—28 ∞ K ● S 15^{45}–16^{30}, < E and SE 20^{h}, ∞ 20^{h}.—29 < E and SW 20^{h}, ∞ 20^{h}.—30 ∞ 20^{h}.

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 = + 32·2 mm.

July 1916.

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.	Cloud 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	23·2	21·1	41·1	26·3	31·0	38·9	34·4	47	24	34	15·8	12·8	13·7	0	4	0	SW	4	SW	1	Calm	0	0·0	14·2
2	23·0	21·8	20·9	37·9	25·0	27·2	35·8	31·3	57	27	39	15·4	11·7	13·4	10	10	0	SW	6	WSW	4	WSW	4	0·0	14·0
3	23·1	22·1	21·6	39·9	26·4	29·3	38·8	33·2	54	13	29	10·3	6·6	11·0	2	3	2	S	5	NW	3	S	4	0·0	15·7
4	23·6	22·3	21·7	41·3	27·5	31·5	40·2	33·6	42	10	26	14·5	5·6	10·2	0	1	0	SW	4	Calm	0	Calm	0	0·0	15·3
5	22·5	21·5	21·0	42·0	25·9	31·6	40·7	34·9	34	12	14	11·8	6·6	6·1	1	2	6	SW	3	WNW	2	WSW	2	0·0	16·9
6	24·3	23·3	23·0	38·0	26·4	27·7	36·4	32·9	59	27	34	16·3	12·4	12·8	10	8	10	S	6	SSW	3	S	5	0·0	15·7
7	25·4	22·9	22·4	40·1	27·1	29·1	38·6	31·2	54	20	37	16·2	10·3	12·4	1	4	6	S	5	SW	3	S	6	0·0	14·3
8	25·3	23·6	23·1	39·4	25·7	27·7	38·3	33·3	55	22	34	15·1	11·3	13·1	8	3	2	SSW	5	W	3	SW	4	0·0	14·0
9	24·9	22·9	22·4	39·9	26·6	28·0	38·3	35·3	59	22	23	16·5	11·1	9·7	9	4	10	SW	4	SW	2	SW	2	0·0	16·9
10	23·6	21·4	20·9	41·8	27·9	32·1	40·6	37·0	42	22	25	14·9	12·2	11·7	2	1	10	WSW	4	SW	3	S	4	0·0	19·2
11	23·5	20·7	20·2	40·0	28·0	28·2	39·3	33·5	55	23	39	15·5	12·5	15·0	10	1	0	S	8	SSW	5	S	6	0·0	18·4
12	22·1	20·3	20·7	40·6	27·1	31·2	39·8	33·9	30	18	35	12·0	10·3	13·8	0	2	—	SW	4	WSW	4	SSW	7	0·0	18·2
13	23·4	22·7	23·6	36·1	24·5	28·3	34·1	31·2	55	30	38	15·6	12·0	12·9	9	4	10	SSW	4	S	3	S	6	0·0	13·8
14	24·5	23·5	23·9	37·5	24·8	26·5	37·2	32·6	65	26	36	16·5	12·3	13·3	10	10	10	S	4	SW	3	S	6	0·0	14·2
15	26·4	24·6	23·5	37·2	25·1	27·1	37·0	31·8	61	26	34	16·3	12·2	12·0	10	10	10	S	6	WSW	4	SSW	4	0·0	16·5
16	25·0	22·9	22·0	38·5	25·3	29·2	37·6	26·2	51	23	62	15·4	11·3	15·7	8	10	10	WSW	3	SW	4	W	3	3·6	9·6
17	23·3	22·4	21·9	38·2	21·9	26·1	37·1	31·3	64	29	35	16·1	13·7	12·0	10	3	0	SSW	5	SW	4	S	6	0·0	14·0
18	24·9	23·2	23·3	37·7	24·0	26·3	36·8	31·2	65	27	41	16·5	12·6	13·8	6	3	0	S	4	SW	4	S	5	0·0	15·1
19	25·5	24·4	23·7	34·9	26·0	27·3	33·4	27·1	62	36	51	16·8	13·9	13·5	10	10	10	SSW	4	S	4	S	6	0·0	12·4
20	23·5	22·1	21·6	33·1	24·0	25·7	31·8	29·9	72	42	43	17·6	14·5	13·5	9	10	0	SSW	5	SW	4	S	4	0 0	11·1
21	23·0	21·0	21·0	37·5	23·7	27·5	36·0	33·1	57	30	34	15·6	13·4	12·6	3	4	0	S	5	S	6	S	4	0·0	14·4
22	23·3	21·3	21·5	38·0	26·1	27·7	35·8	33·3	61	31	35	16·7	13·6	13·2	6	4	0	SSW	5	S	5	S	3	0·0	13·5
23	23·4	21·4	22·1	38·9	25·8	28·1	37·5	26·7	56	28	72	15·7	13·5	18·8	2	4	10	S	5	S	4	E	1	0·3	11·0
24	21·4	22·1	21·1	36·5	25·2	28·4	28·5	25·5	50	58	57	16·5	16·6	13·8	4	8	10	SW	4	SE	7	SW	6	Drops	10·8
25	22·8	21·5	21·5	35·0	23·6	25·6	33·6	29·7	71	41	54	17·4	15·7	16·6	10	4	10	SW	4	SSW	5	SSW	6	Drops	10·8
26	24·2	22·6	22·9	36·2	24·5	26·1	35·3	31·6	72	35	41	17·9	14·6	14·1	9	6	0	S	5	SSW	4	S	2	0·0	9·1
27	24·2	22·9	23·2	37·2	24·8	26·6	35·8	29·7	74	36	54	19·0	15·7	16·6	10	5	0	S	4	WSW	3	S	4	Drops	10·1
28	25·4	25·2	22·4	32·9	22·3	—	30·3	28·0	—	38	64	—	18·5	18·0	7	4	0	Calm	0	S	3	SSW	2	Drops	6·1
29	24·8	23·3	22·1	35·0	—	25·7	33·6	30·5	78	42	47	19·0	16·1	15·3	10	7	0	SSW	4	SW	1	S	3	0·0	11·2
30	24·7	25·3	22·8	35·4	24·8	27·0	21·6	24·2	68	91	81	17·9	17·4	18·1	1	10	0	S	3	NE	2	ESE	1	29·5	5·2
31	24·6	23·2	22·8	33·2	21·6	25·5	31·7	29·6	75	54	64	18·6	18·8	19·7	5	4	0	SSW	3	SW	2	SSE	1	0.0	5·9
Month	24·00	22·63	22·13	37·8	25·3	28·0	35·8	31·2	59	32	42	16·2	12·9	13·8	6·2	5·3	4·2	—	4·4	—	3·4	—	3·8	33·4	13·15

Remarks:—11 ∞ S 15^h–16^h.—12 ∞ SSW 19^{45}–20^h.—13 < NNW and NE 19^h–20^{30}.—16 $∞^2$ SE 15^h–16^h, K ● 16^h–16^{20}.—23 ∞ E and NE 18^{30}, ∞ ● E 19^{30}–19^{50}.—24 ∞ SE 13^{30}–15^h.—26 < S and SE 20^h.—27 K ● N and NW 19^h.—28 ●° 7^h–9^h.—30 ∞ NE 12^{45}, $●^2$ 12^{55}–14^h, K N and NE 13^h–14^h, ● 14^h–17^h.—31 < S and SE 19^{45}.

C_h = + 32·2 mm.

August 1916.

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.	Cloud 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	25·8	24·4	24·8	35·1	23·6	25·3	34·0	25·0	75	38	75	18·0	14·9	17·6	2	5	0	SSW	3	SSW	4	SSW	5	0·0	9·4
2	27·5	25·0	24·8	35·2	24·8	20·6	33·8	30·2	71	40	51	18·3	15·7	16·1	4	1	0	SW	2	SSW	2	SSE	2	0·0	9·1
3	26·2	24·4	24·6	38·0	26·5	30·3	37·3	23·8	52	33	62	16·6	15·3	20·2	1	5	0	SW	4	ENE	1	ENE	1	37·9	9·5
4	25·7	24·7	24·4	29·2	22·8	24·6	28·1	25·9	70	63	78	16·1	17·7	19·3	10	10	0	S	1	SW	1	S	2	Drops	3·5
5	26·6	24·6	23·9	34·2	23·6	26·2	33·2	30·7	77	40	57	19·5	17·3	18·8	1	1	0	S	4	SSW	2	S	1	0 0	7·7
6	25·4	23·8	24·3	36·0	24·6	27·2	35·3	28·2	73	37	68	19·6	15·4	19·2	9	3	4	SW	2	SSW	2	SW	1	0 5	7·3
7	24·8	23·2	22·9	36·0	22·5	24·9	33·7	30·2	83	39	57	10·3	15·0	18·2	9	3	4	SSW	4	SW	2	SSW	3	0·0	7·5
8	24·2	22·0	21·9	37·0	23·1	28·6	36·2	32·2	65	33	41	19·0	14·8	14·7	1	3	2	SSW	2	WSW	1	SSW	1	0·0	9·9
9	25·2	24·5	24·3	32·2	20·5	27·7	31·2	29·0	59	40	52	16·3	15·5	16·3	5	10	8	SSW	1	SSW	4	S	3	0·0	9·9
10	26·1	25·1	24·3	33·7	25·6	27·7	33·2	27·5	60	46	71	18·2	17·3	19·3	9	10	8	SSW	2	S	5	S	6	0·0	11·2
11	25·7	23·7	23·0	36·2	25·1	27·8	34·7	30·2	58	61	76	15·9	25·1	24·1	3	1	0	S	3	SSW	4	S	4	0·0	13·5
12	24·4	22·1	21·4	37·2	26·1	28·2	36·3	32·7	68	32	41	19·4	14·4	15·1	6	1	9	SSW	5	SSW	1	S	5	0.0	13·3
13	24·5	23·1	22·4	35·7	26·1	27·2	35·3	30·4	62	35	50	16·6	15·0	16·1	2	3	8	SW	5	SSW	4	S	6	0·0	12·5
14	25·4	22·9	23·9	36·0	26·1	27·2	35·0	29·7	67	38	52	18·1	15·6	16·2	5	7	5	SSW	2	S	1	SSE	3	0·0	9·3
15	25·4	23·5	23·4	36·0	25·6	28·5	35·3	30·7	65	37	49	18·8	15·4	16·0	2	6	0	S	2	Calm	0	S	1	0·0	12·4
16	25·3	23·8	23·7	36·2	25·6	27·9	35·4	25·2	69	39	88	19·2	16·5	20·9	1	2	0	SSW	1	SSW	1	Calm	0	8·2	7·4
17	24·6	23·1	23·7	35·9	22·0	20·3	35·4	25·7	79	40	74	20·2	16·7	18·1	9	10	0	SSW	1	SW	1	E	6	Drops	7·7
18	24·1	23·1	23·3	34·8	24·0	27·2	34·2	29·8	68	37	54	18·3	14·7	16·7	4	1	0	SW	3	SSW	3	SSW	2	0·0	10·5
19	25·8	24·6	24·8	28·2	25·1	25·2	26·2	24·8	86	67	78	20·5	16·9	18·1	10	10	0	SSE	1	SSW	1	SSE	1	4·0	3·2
20	24·2	23·0	22·4	36·6	22·0	24·8	35·7	31·4	80	34	50	18·5	14·8	17·2	10	0	0	SSW	1	Calm	0	S	2	0·0	6·6
21	22·1	20·2	19·8	40·1	24·8	30·5	38·8	33·6	56	20	37	18·3	10·4	14·3	3	0	0	SW	1	E	1	S	2	0·0	11·7
22	22·1	20·4	20·9	39·9	27·6	30·2	39·3	33·1	55	15	38	17·8	8·5	14·3	0	0	0	WSW	2	WSW	2	S	4	0·0	14·0
23	22·9	21·4	21·0	37·6	26·5	27·3	36·9	32·2	72	30	48	19·6	14·0	16·9	4	4	0	SSW	5	SW	4	S	4	0·0	13·7
24	23·2	20·7	21·1	37·1	26·1	27·7	35·7	31·5	65	32	45	17·8	13·8	15·5	9	8	0	SSW	5	SW	1	S	6	0·0	12·7
25	23·7	21·6	21·5	37·5	26·5	28·7	36·8	32·6	63	30	36	18·5	13·5	13·1	10	1	0	SW	2	S	1	S	3	0·0	12·3
26	22·8	21·1	21·3	39·1	27·1	30·8	38·7	33·8	51	25	39	16·8	13·3	15·2	1	1	0	SW	2	SW	2	S	2	0·0	13·3
27	22·7	22·9	23·1	30·0	27·6	28·3	27·7	24·8	61	59	68	17·4	16·1	15·8	10	10	0	SW	1	S	7	S	6	6·7	7·0
28	24·9	22·8	23·2	31·6	21·0	22·9	30·7	26·3	88	49	77	18·0	16·0	19·6	9	8	0	S	1	SSW	1	S	1	Drops	4·8
29	25·7	22·8	24·0	34·5	22·9	26·7	33·3	30·2	60	34	51	18·0	12·9	16·1	5	3	0	SSW	2	SW	3	S	2	0·0	9·9
30	25·8	23·4	23·5	35·6	26·5	28·7	34·8	24·3	60	38	60	17·4	15·3	18·1	8	8	0	WSW	1	NW	1	S	2	Drops	6·3
31	24·9	23·6	23·9	32·5	23·1	25·7	31·7	27·9	77	45	63	18·0	15·7	17·5	9	5	0	SW	3	SW	4	SW	1	—	7·7
Month	24·76	23·08	23·08	35·3	24·7	27·3	34·3	29·2	68	39	59	18·2	15·3	17·2	5·5	4·5	1·5	—	2·4	—	2·2	—	2·8	57·3	9·51

Remarks:—1 < S 19^{30}, NE 20^h.—3 $●^2$ 19^{45}–22^{30}, 23^h–0^h, K E and NE. < S… 4 $●^2$ 0^h–0^{30}, ● 7^{45}–8^{15}.—5 < SE-NE 19^h.—6 < NE 20^h, K $●^c$ S 22^h.—15 ∞° 19^h, < S-SW and W 19^{15}–21^{30}.—16 K E and SE 18^{10}, ∞° K ● E 19^{15}–19^{45}, 22^{15}.—17 < E and SE 18^{30}, ●° 23^h.—19 < E and NE 8^h, ●° 8^{10}–8^{45}, 10^{15}–11^h.—27 ∞ 10^{45}–11^{50}, ●° 19^{50}.—28 ●° 5^h–7^h, 14^{15}.—30 K S 14^h, ∞ 16^{40}–17^{10}, ●° 17^{10}, K S and W 17^{30}, ∞ ●° 23^h.

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.

$C_h = +32·2$ mm.

September 1916.

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	26·6	25·5	25·7	33·6	20·0	24·7	33·2	28·2	77	39	62	17·6	14·4	17·7	10	2	0	WSW	1	WSW	1	Calm	0	0·0	6·3
2	28·0	26·1	24·7	30·8	24·7	28·7	35·8	29·8	59	34	54	17·2	14·7	16·9	1	3	0	WSW	2	Calm	0	SE	1	Drops	8·8
3	24·6	22·6	20·4	30·0	24·8	30·8	37·8	33·7	53	22	28	17·6	10·7	11·0	1	1	0	SW	1	N	4	NNE	1	0·0	15·6
4	24·2	22·0	22·2	37·0	24·7	27·4	36·7	32·6	55	28	40	14·7	13·0	14·8	0	0	0	SW	5	SW	2	S	4	0·0	12·1
5	25·5	24·0	24·0	35·6	25·3	28·2	34·1	30·8	61	33	42	17·5	13·1	14·1	4	9	1	SSW	7	ANW	3	SW	1	0·0	10·7
6	25·2	22·8	22·4	38·4	25·0	28·7	37·2	32·5	53	25	30	15·4	11·9	11·1	0	0	0	SW	3	NW	1	Calm	0	0·0	13·0
7	24·2	22·0	21·2	38·2	24·5	26·6	37·5	31·7	72	17	33	18·5	8·2	11·4	5	1	1	NE	1	NNE	1	Calm	0	0·0	14·4
8	24·7	22·9	23·2	39·5	24·6	26·7	36·0	31·2	57	25	46	14·8	11·2	15·6	3	0	1	SW	5	WSW	2	S	3	0·0	12·1
9	25·1	22·7	22·6	35·5	24·7	28·3	37·8	32·1	63	29	46	17·8	13·8	16·2	0	0	0	SW	4	WSW	2	SW	1	0·0	11·4
10	23·7	21·7	21·2	40·0	26·1	29·7	39·3	30·3	54	21	41	16·6	11·4	13·1	0	1	1	WSW	2	W	1	NNW	1	0·0	11·5
11	23·1	21·2	20·6	40·6	25·1	29·7	38·9	33·3	51	17	50	15·6	9·2	11·3	1	3	1	SW	3	Calm	0	S	2	0·0	13·4
12	23·7	22·4	22·7	37·4	20·8	29·2	37·0	28·8	56	27	59	16·9	12·8	14·4	5	4	4	S	6	SSW	3	S	4	3·6	11·8
13	24·6	22·7	22·3	38·2	25·2	28·5	37·2	31·9	53	28	42	15·3	13·4	14·8	1	1	10	SW	3	SW	3	S	5	0·0	11·2
14	24·1	22·0	21·6	38·6	27·0	31·2	38·1	33·1	41	25	40	13·8	12·7	15·0	4	2	0	WSW	3	WSW	3	S	2	0·0	12·5
15	23·2	21·7	22·3	38·6	25·7	28·3	37·4	32·8	44	22	30	12·7	10·5	11·1	4	3	0	SSW	4	Calm	0	SSW	2	0·0	13·7
16	23·5	22·2	22·6	37·6	25·6	28·1	36·7	31·6	56	27	38	15·7	12·4	13·2	10	6	0	SSW	5	WSW	4	S	2	0·0	10·9
17	24·0	21·6	22·0	38·0	24·5	28·2	35·6	31·3	58	30	39	16·4	12·9	13·2	10	1	0	S	1	Calm	0	E	5	Drops	11·0
18	23·0	21·9	25·9	39·1	26·9	29·3	38·5	21·7	59	27	93	15·2	13·6	17·0	3	8	10	SW	3	WSW	3	E	5	7·4	8·7
19	24·0	22·4	22·5	37·2	21·0	25·3	36·5	30·3	79	32	53	18·6	14·5	16·9	8	4	0	S	4	W	1	Calm	0	Drops	9·1
20	24·3	21·4	23·5	38·7	25·3	30·1	37·8	26·7	51	29	72	16·1	14·2	18·0	2	4	10	SW	3	WSW	2	S	3	9·1	6·7
21	25·3	23·1	23·6	36·0	23·7	25·8	35·4	31·1	82	33	51	20·3	14·0	17·2	5	4	0	SSE	1	S	3	SSW	3	0·0	8·3
22	25·8	23·7	23·6	37·7	25·8	28·3	37·0	31·3	65	25	48	18·4	11·9	16·3	5	2	0	SW	2	SSE	2	SSW	4	0·0	10·0
23	25·4	23·2	23·2	38·5	25·0	26·9	35·8	28·8	68	28	51	17·7	12·4	14·0	5	5	0	SW	2	Calm	0	Calm	0	0·0	9·4
24	26·4	22·9	23·3	37·2	25·4	28·1	36·3	31·8	60	31	44	16·8	14·0	15·3	4	2	0	S	6	WSW	4	S	3	0·0	12·2
25	24·7	22·6	23·0	39·6	27·5	30·2	38·3	32·7	59	18	31	15·9	9·6	11·5	1	2	0	SSW	4	Calm	0	S	3	0·0	12·2
26	25·4	22·9	23·7	38·4	27·0	30·2	36·8	30·3	37	15	40	11·6	7·1	13·0	1	2	0	WSW	2	Calm	0	S	5	0·0	12·1
27	24·5	22·4	22·2	37·5	25·1	27·6	37·1	29·3	28	16	38	7·8	7·6	11·7	1	4	0	W	1	Calm	0	Calm	0	0·0	12·4
28	24·4	21·8	22·5	37·3	23·1	27·0	36·1	30·2	25	14	31	6·7	6·3	9·8	1	2	0	NNE	1	Calm	0	Calm	0	0·0	13·5
29	24·3	21·9	21·8	38·0	24·2	27·6	37·3	31·5	44	13	21	12·2	6·1	7·1	1	2	0	Calm	0	Calm	0	Calm	0	0·0	14·7
30	24·1	21·5	21·8	38·0	23·1	27·8	37·2	33·2	18	16	16	4·8	7·3	6·[illegible]	1	3	3	N	3	ENE	2	N	3	0·0	18·7
Month	24·65	22·50	22·74	37·9	24·9	28·2	36·9	30·8	54	25	43	15·2	11·5	13·7	3·2	2·7	1·4	—	2·9	—	1·6	—	2·1	20·1	11·61

Remarks:—2 ☾ E, S and SW 19h, ●° 20h.—4 ∞ 3h.—5 ∞ 7h40–10h.—12 ∞ ☈ ● ENE 18h–18h30, ☈ E 20h–21h30.—13 ☾ SE 18h30–20h30.—15 ☾ N, NE and E 19h–20h.—16 ∞ S 5h, ☾ NE 19h.—17 ∞ ●° 17h45–21h30, ☾ E and S 19h–20h.—18 ☈ N, S, E and W.—19 ∞ ● ☈ SSE 16h–17h30.—20 ☈ W and NW 20h.—30 ☾ S 20h.

$C_h = +32·2$ mm.

October 1916.

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	23·6	21·3	21·8	38·1	24·7	29·1	37·0	32·8	13	17	27	3·0	8·1	9·9	0	1	4	N	3	N	3	NNE	1	0·0	16·8
2	22·9	20·7	21·6	39·0	25·4	29·1	38·6	32·7	23	15	17	6·0	7·6	6·[illegible]	2	4	2	NNE	4	NNE	4	N	1	0·0	16·0
3	23·1	20·9	21·3	39·2	25·7	31·1	38·2	32·7	43	18	14	14·4	9·3	5·4	1	5	0	Calm	0	NE	1	N	3	0·0	14·0
4	23·2	21·0	21·7	39·2	25·7	31·2	38·2	32·7	45	17	16	15·3	9·0	5·9	0	0	4	Calm	0	E	2	NNE	3	0·0	13·8
5	23·5	21·3	22·1	38·8	24·1	30·0	37·9	33·2	46	0	12	14·4	4·3	4·4	0	3	3	Calm	0	ENE	2	ENE	1	0·0	18·4
6	24·7	22·5	23·2	38·0	23·1	27·5	37·6	30·3	35	13	35	9·4	6·1	11·1	0	1	0	Calm	0	N	2	Calm	0	0·0	17·4
7	24·0	21·7	22·5	39·5	25·1	28·3	38·8	33·6	25	16	21	7·1	8·4	8·2	2	2	1	N	4	Calm	0	NNE	1	0·0	16·0
8	24·0	21·0	22·8	38·5	26·1	28·2	37·0	34·2	23	21	21	6·5	10·1	8·5	1	4	10	N	2	E	3	E	5	Drops	14·4
9	25·2	23·2	23·9	39·5	25·9	28·2	35·8	30·7	53	29	45	14·9	12·8	14·8	3	4	4	S	4	ESE	3	Calm	0	0·0	9·8
10	25·7	23·4	24·7	36·3	25·6	30·4	34·3	30·4	40	29	46	14·7	11·5	14·7	5	8	10	W	2	E	3	SSW	5	Drops	10·1
11	25·2	23·2	23·9	38·0	23·4	27·4	36·8	31·5	43	13	19	11·9	6·2	6·8	2	7	2	NW	2	ENE	3	NE	2	0·0	14·1
12	24·8	22·4	23·3	38·0	24·6	27·9	37·3	31·3	23	14	29	6·4	6·8	9·8	2	2	0	NNE	4	NE	3	NNE	2	0·0	17·1
13	25·1	23·0	23·7	38·3	24·8	28·2	37·6	30·9	22	13	29	6·4	6·5	9·4	1	3	3	NNE	4	Calm	0	N	3	0·0	16·0
14	24·9	23·0	23·6	38·4	24·5	28·7	37·3	31·7	22	13	29	6·4	6·3	10·0	3	4	4	N	1	NE	1	Calm	0	Drops	12·4
15	25·8	23·5	24·0	38·0	25·3	29·2	36·7	31·3	46	25	38	13·8	11·5	12·9	2	4	0	ESE	3	Calm	0	Calm	0	0·0	9·9
16	25·1	23·9	24·6	38·0	24·3	29·1	35·7	31·1	50	25	35	14·7	10·7	11·8	5	5	0	Calm	0	NE	1	SE	1	0·0	10·6
17	26·4	24·0	24·7	37·4	24·3	29·6	37·0	30·8	29	11	26	8·0	5·0	8·6	1	2	0	NE	3	Calm	0	N	2	0·0	15·0
18	26·4	23·7	24·4	36·8	25·3	30·2	35·9	30·7	31	13	25	9·8	5·8	8·4	0	0	0	E	2	Calm	0	N	2	0·0	15·8
19	25·6	23·2	23·7	36·3	24·4	29·3	35·4	28·3	24	6	21	7·4	2·7	5·9	0	1	0	NNE	3	NNE	2	Calm	0	0·0	14·6
20	24·9	22·8	23·8	36·3	22·7	27·2	35·5	30·1	34	7	11	9·0	3·0	3·5	0	0	0	Calm	0	NE	3	Calm	0	0·0	16·6
21	26·3	24·0	24·9	35·9	21·8	28·3	35·2	29·3	25	15	23	7·2	6·3	6·0	1	1	0	ENE	1	Calm	0	N	2	0·0	14·0
22	26·4	23·5	24·3	35·3	21·5	26·7	34·6	28·3	29	6	21	7·4	2·6	6·0	0	0	0	Calm	0	N	1	N	1	0·0	17·0
23	25·0	22·6	23·5	35·8	20·6	25·9	34·9	27·9	27	10	21	6·6	4·1	6·0	0	2	0	NNE	3	NE	1	NNE	2	0·0	15·9
24	23·9	21·6	22·6	37·4	20·6	25·5	36·9	29·9	19	10	19	4·5	4·4	5·9	0	0	0	N	3	W	2	N	2	0·0	13·5
25	24·7	22·2	23·5	38·3	20·8	26·3	38·1	29·9	23	10	24	5·8	5·2	7·0	0	0	0	NNE	1	W	2	N	1	0·0	14·5
26	24·7	22·3	23·5	37·0	22·5	27·4	36·6	30·7	24	19	23	6·4	9·1	7·7	0	1	0	NNE	2	NE	1	NNE	2	0·0	14·0
27	24·6	22·4	23·8	37·4	21·9	26·6	36·4	30·7	38	15	22	9·8	6·8	7·3	0	0	0	NE	3	NNE	3	N	2	0·0	14·9
28	25·6	23·2	23·9	37·8	20·0	26·1	36·6	29·6	31	12	22	7·5	5·3	6·9	0	0	0	Calm	0	Calm	0	Calm	0	0·0	11·0
29	24·8	23·2	23·5	37·9	20·9	27·2	36·9	29·7	32	12	36	8·5	5·6	11·3	0	2	0	S	1	Calm	0	N	1	0·0	10·8
30	26·0	23·8	23·9	36·3	23·5	27·5	35·8	31·9	54	28	32	14·5	12·1	11·3	1	2	0	Calm	0	Calm	0	NNE	3	0·0	9·5
31	25·2	22·7	23·2	36·4	25·0	29·8	35·7	31·7	39	27	34	12·2	11·6	11·7	0	3	0	E	2	N	2	N	1	0·0	12·5
Month	24·88	22·62	23·42	37·6	23·7	28·3	36·7	31·0	33	16	26	9·4	7·3	8·5	1·0	2·5	1·5	—	1·8		1·5	—	1·6	Drops	14·11

Remarks:—8 ∞ NE 16h30–17h, ●° ☾ E 18h–20h.—9 ☾ SSE 20h.—10 ☾ W 19h30.—13 ☾ S 21h.—14 ☾ E 20h, ●° 23h.—15 ●° 6h.—28 ☾ E 18h30–20h.—29 ☾ E and SE 18h30–20h.—31 ☾ SSE 20h.

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 = + 32·8 mm. **November 1916.**

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	23·7	21·2	22·1	37·9	25·9	28·3	35·4	31·4	25	22	34	7·2	9·6	11·6	1	5	1	N	4	NE	2	ENE	3	0·0	13·5
2	23·0	21·1	22·6	35·5	24·6	27·3	34·1	30·2	19	16	20	4·9	6·5	6·4	4	3	7	N	4	N	1	N	3	0·0	19·6
3	24·8	22·6	24·3	31·6	22·2	23·9	31·0	26·4	23	11	20	5·1	3·6	5·	4	1	0	N	5	N	3	N	1	0·0	18·5
4	27·3	24·9	26·1	30·0	20·6	22·7	29·2	24·8	32	15	25	6·5	4·6	5·6	1	0	0	N	4	Calm	0	N	2	0·0	16·5
5	27·8	24·7	25·8	30·6	18·0	22·4	29 5	24·8	33	13	23	6·5	4·1	5·3	0	0	0	N	4	N	3	Calm	0	0·0	15·0
6	26·0	23·4	24·3	33·3	18·2	22·3	33·0	27·0	27	13	2	5·4	5·6	5·4	0	0	0	N	1	N	2	NW	1	0·0	15·6
7	24·9	22·4	23·4	35·7	19·8	24·0	35·2	28·7	28	19	25	6·2	8·1	7·3	0	1	1	NNE	1	Calm	0	N	3	0·0	14·1
8	24·9	22·8	23·5	34·4	22·0	25·2	33·9	30·0	29	21	21	6·9	8·4	6 5	1	2	0	N	3	NNE	3	N	3	0·0	17·9
9	25·2	23·0	24·3	34·6	22·9	25·3	34·1	29·6	31	23	20	7·3	9·2	6·3	6	1	0	N	3	N	3	N	3	0·0	16·0
10	25·2	23·4	24·2	36·6	22·4	26·7	35·4	29·7	37	17	35	9·6	7·6	10·8	1	3	0	NNE	4	ENE	2	Calm	0	0·0	14·7
11	25·8	23·5	24·4	35·1	22·3	26·9	34·7	28·8	39	16	29	10·2	6·6	8·6	3	2	0	NNE	4	NNE	3	NNE	2	0·0	14·1
12	24·4	21·9	22·8	35·8	20·5	26·2	35·0	29·9	41	18	25	10·2	7·8	7·9	0	0	0	NNE	4	N	2	N	3	0·0	12·9
13	24·8	22·7	23·7	36·8	21·9	25·4	35·3	29·8	44	17	27	10·3	7·2	8·3	0	1	0	Calm	0	Calm	0	Calm	0	0·0	12·8
14	25·4	22·9	23·9	37·0	21·5	27·1	35·6	30·5	32	15	23	8·6	6 7	7·4	1	2	0	NE	1	NE	2	N	2	0·0	14·5
15	25·7	23·3	24·1	36·9	23·1	27·7	35·8	30·4	36	16	23	9·6	7·4	7 6	1	2	0	NE	2	ENE	2	N	3	0·0	15·7
16	26·4	24·1	25·1	35·9	22·5	25·1	35·3	28 8	36	14	23	10·3	6·1	6·8	—	1	0	ENE	2	NNE	3	N	2	0·0	15·6
17	26·1	23·5	24·4	36·9	21·5	26·6	35·0	28·1	41	13	21	10·6	5·3	5·9	0	1	0	E	2	N	1	NNE	2	0·0	13·9
18	25·3	22·2	23·6	35·2	20·2	26·8	34·6	29·2	37	14	22	9·5	6·6	6·8	0	0	0	ENE	3	NE	4	NNE	1	0·0	14·0
19	25·9	23·9	24·8	36·5	21·0	26·3	35·5	28·0	29	13	31	7·2	5·4	8·8	1	0	0	NE	1	NNE	1	N	1	0·0	14·4
20	26·2	23·6	24·8	35·5	20·8	25·4	34·7	30·0	28	13	18	6·7	5·6	5·6	0	3	1	NE	3	NNE	1	N	3	0·0	17·9
21	25·8	23·5	25·0	35·7	22·8	25·7	35·1	29·2	31	14	25	7·5	6·0	7·6	0	6	9	NNE	3	ENE	3	N	3	0·0	18·0
22	26·9	23 8	24·5	35·4	22·8	26·7	34·7	27·5	37	19	33	9·4	7·9	8·8	5	7	0	NNE	3	NNE	3	NNE	2	0·0	17·1
23	26·5	23·3	24·4	33·2	21·3	25·4	32·7	26·7	26	15	23	6·2	5·7	5·9	0	0	0	N	3	NNW	2	NNW	2	0·0	15·7
24	24·8	22·1	23·3	33·8	18·8	23·8	33·1	26·2	23	12	21	5·1	4·4	5·3	0	0	0	N	3	NW	2	NNW	2	0·0	12·9
25	23·5	20·8	22·2	35·1	19·3	23·8	34·4	25·9	30	11	30	6·5	4·4	7·4	0	0	0	N	1	NNW	2	Calm	0	0·0	11·1
26	23·1	21·3	22·0	36·3	17·8	24·3	35·6	26·7	31	12	35	7·0	5·4	8·9	0	0	0	NE	2	NW	2	Calm	0	0·0	10·8
27	22·8	20·8	22·4	35·7	19·1	22·8	35·0	26 5	38	15	29	7·8	6·6	7·3	0	0	0	NE	1	NW	1	Calm	0	0·0	10·3
28	23·6	21·1	22·4	36·0	19·8	24·9	34·2	28·7	44	19	27	10·2	7·5	8·0	0	0	0	NE	3	NNW	1	NE	2	0·0	11·2
29	24·4	22·3	23·3	34·5	20·6	25·1	35·8	28·5	43	20	26	10·1	7·8	7·5	0	0	0	NE	2	NE	1	N	2	0·0	11·1
30	24·5	22·8	24·2	33·4	20·2	25·2	32·6	27·2	41	20	32	9·7	7·6	8·5	0	0	0	NE	3	NNW	1	Calm	0	0·0	11·9
Month	25·16	22·76	23·80	35·0	21·1	25·4	34·1	28·3	33	16	26	8·0	6·5	7·3	1·0	1·4	0·6	—	2·6	—	1·9	—	1·7	0·0	14·58

Remarks:—16 ∞ 8h.

C_h = + 33·3 mm. **December 1916.**

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	25·6	23·4	25·2	31·6	19·6	22·6	31·2	25·1	39	20	33	7·9	6·8	7·8	0	0	0	NNE	2	ENE	2	NNE	3	0·0	12·5
2	25·9	23·9	25·0	31·5	17·5	21·6	31·0	24·9	29	15	30	5·6	5·0	7·6	0	0	0	NNE	3	NNE	3	NNE	2	0·0	13·5
3	26·5	24·4	25·1	30·8	17·8	22·5	30·1	24·6	31	14	32	6·2	4·6	7·6	0	0	0	NNE	3	N	3	N	1	0·0	12·0
4	25·8	23·4	24·5	31·2	17·6	21·1	30·5	26·1	34	22	34	6·2	7·1	8·3	0	0	0	N	1	N	3	NNW	3	0·0	13·3
5	25·8	23·3	24·5	32·6	18·1	21·3	32·3	25·2	33	20	27	6·2	7·4	6·3	0	0	0	NNE	3	NNW	1	N	3	0·0	13·8
6	25·7	22·8	23·5	32·4	18·1	22·0	31·5	25·7	33	18	28	6·1	6·3	6·6	0	0	0	N	4	NW	3	N	2	0·0	12·4
7	25·2	22·2	23·2	32·6	17·8	22·1	32·3	27·2	34	24	26	6·6	8·5	7·6	0	0	0	N	4	N	3	N	1	0·0	12·3
8	24·7	22·6	23·7	33·3	19·6	21·9	32·0	26·2	35	20	40	6·8	7·1	10·0	0	0	0	N	4	NNE	3	N	1	0·0	13·0
9	25·8	23·6	24·7	32·4	18·9	22·4	31·5	26·2	33	21	29	6·7	7·1	7·2	0	0	0	N	3	NNE	3	N	3	0·0	13·1
10	26·5	24·3	25·0	31·7	18·4	21·7	31·2	25·8	33	23	31	6·4	7·6	7 6	0	0	0	N	5	N	4	N	1	0·0	12·1
11	26·0	24·2	24·6	31·4	20·0	22·2	30·9	25·3	46	30	40	9·0	9·9	9·7	0	1	0	N	4	N	4	N	3	0·0	14·7
12	26·0	23·4	24·4	29·6	18·4	21·1	29·3	23·1	19	26	28	3·6	8·0	5·7	0	0	0	N	5	N	4	N	3	0·0	13·1
13	26·1	24·0	24·5	29·1	15·7	20·3	28·7	22·9	26	24	38	4·5	7·0	7·7	0	1	0	N	4	N	3	N	3	0·0	12·1
14	26·3	24·2	25·3	31·0	16·1	21·1	30·6	23·8	42	22	26	7·7	7·3	5·7	1	1	0	NNE	4	ENE	4	N	3	0·0	12·7
15	28·2	25·2	26·4	31·0	16·3	19·7	30·3	24·5	26	18	24	4·4	5·8	5·5	1	—	0	NNE	4	NE	5	N	4	0·0	15·1
16	28·4	25·7	27·0	30·3	17·4	20·8	29·8	23·8	31	20	16	5·6	6·3	3·6	1	2	0	NNE	4	NNE	5	N	4	0·0	16·4
17	28·3	25·5	26·5	29·8	15·6	19·2	29·3	21·9	28	10	28	4·6	3·1	5·5	2	1	0	NNE	4	NNE	4	N	4	0·0	14·8
18	27·1	25·5	26·5	29·5	15·0	18·1	29·1	22·4	33	21	33	5·1	6·5	6·5	1	0	0	N	4	N	4	N	1	0·0	12·4
19	27·7	25·3	26·4	29·5	14·6	17·4	28·5	24·4	39	22	22	5·8	6·3	4·9	2	5	0	NNE	4	NNE	1	N	4	0·0	13·1
20	28·3	25·8	26·4	30·5	15·4	20·2	29·9	23·3	38	17	30	6·7	5·5	6·4	6	7	0	N	4	NE	1	N	1	0·0	11·3
21	27·7	25·1	26·1	30·3	16·0	19·6	29·8	23·2	42	22	25	7·2	6·9	5·2	3	1	0	N	4	N	2	N	3	0·0	11·8
22	28·1	24·3	24·9	29·5	15·4	18·4	29·1	21·9	37	12	23	5·8	3·6	4·5	0	0	0	Calm	0	N	4	N	2	0·0	12·2
23	25·7	23·2	23·8	29·9	14·9	18·9	29·0	21·9	23	17	43	3·7	5·2	8·4	2	6	0	N	3	Calm	0	Calm	0	0·0	10·0
24	25·5	23·1	24·5	31·0	15·8	18·9	30·5	23·8	33	14	20	5·4	4·7	4·3	6	4	0	Calm	0	NW	1	N	3	0·0	11·6
25	26·4	25·0	26·1	28·4	13·9	16·0	27·6	23·8	31	8	15	4·1	2·2	3·3	0	0	0	N	2	N	4	N	1	0·0	15·8
26	28·2	26·2	27·0	25·0	13·2	16·7	24·4	19·6	36	16	26	5·1	3·6	4·3	0	1	0	N	4	N	5	N	4	0·0	12·9
27	27·6	25·8	26·0	23·9	10·9	15·1	23·5	19·8	37	16	20	4·7	3·5	3·4	2	0	0	N	4	N	5	N	4	0·0	11·2
28	27·2	24·6	25·5	25·5	10·9	15·0	25·0	18·2	37	18	41	4·7	4·4	6·3	0	2	0	NNE	3	NNE	4	N	4	0·0	11·4
29	27·9	25·5	26·1	26·4	10·7	15·2	26·0	20·4	37	20	31	4·7	4·9	5·5	1	1	0	N	4	NE	4	N	4	0·0	10·8
30	27·6	25·8	26·9	26·9	12·5	17·3	26·3	21·7	37	25	31	5·4	6·2	5·9	0	0	0	N	4	N	2	N	3	0·0	10·4
31	28·3	26·0	26·6	27·0	13·2	15·3	26·4	22·6	35	19	24	4·5	4·9	4·6	0	0	0	NNE	4	NE	3	NNE	4	0·0	11·6
Month	26·78	24·43	25·35	29·9	16·0	19·5	29·3	23·5	34	19	29	5·7	5·9	6·2	0·9	1·1	0·6	—	3·4	—	3·1	—	2·6	0·0	12·71

Remarks:—15 ∞ 14h.

MONTHLY SUMMARIES.

Summary of Meteorological Observations

$\varphi = 35° 20'$ N. $\lambda = 25° 8'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8h.	14 h.	20 h.	Mean
1916																			
January	761·66	11·8	—	11·7	11·8	14·4	9·4	19·2	9	5·8	28	63	—	64	64	6·4	—	6·6	6·5
February	59·98	12·3	—	12·8	12·6	16·0	9·5	20·5	25,26	7·4	19,23,24	70	—	68	69	7·4	—	7·5	7·4
March	57·37	15·3	—	15·0	15·2	18·5	11·3	25·3	27	8·4	1,12	64	—	69	66	8·3	—	8·8	8·6
April	56·74	17·0	—	16·1	16·6	19·4	12·4	29·3	21	8·9	12	54	—	59	56	7·7	—	7·9	7·8
May	58·44	22·6	—	20·2	21·4	24·2	16·3	30·2	11	14·1	18	48	—	67	58	9·8	—	11·9	10·8
June	57·34	27·1	—	25·2	26·2	28·8	21·0	36·8	16	16·0	5	47	—	52	50	12·7	—	12·4	12·6
July	55·63	28·5	—	27·0	27·8	30·4	23·7	37·9	16	19·2	18	51	—	55	53	14·4	—	14·5	14·4
August	56·23	26·0	—	25·0	25·5	27·6	21·8	30·2	6,20	18·8	23	54	—	64	59	13·4	—	15·0	14·2
September	58·22	23·7	—	23·1	23·4	25·9	19·6	31·8	21	14·1	29	56	—	63	60	12·0	—	13·2	12·6
October...	62·36	20·3	—	19·7	20·0	24·0	16·8	30·9	27	13·6	25	55	—	63	59	9·9	—	10·8	10·4
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	59·61	15·2	—	15·8	15·5	19·0	13·2	23·0	21	9·4	31	68	—	67	68	8·8	—	9·1	9·0
Year	758·51	20·0	—	19·2	19·6	22·6	15·9	—	—	—	—	57	—	63	60	10·1	—	10·7	10·4

Summary of Meteorological Observations

$\varphi = 31° 25'$ N. $\lambda = 31° 49'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	12·2	15·6	8·7	18·3	1	6·7	9,17	—	—	—	—	—	—	—	—
February	—	—	—	—	14·4	17·6	11·2	23·0	27	8·8	20	—	—	—	—	—	—	—	—
March	—	—	—	—	17·5	20·4	14·6	25·4	16	10·4	22	—	—	—	—	—	—	—	—
April	—	—	—	—	19·0	22·2	15·8	28·7	16	11·7	20	—	—	—	—	—	—	—	—
May	—	—	—	—	23·0	26·5	19·5	36·8	15	15·8	5	—	—	—	—	—	—	—	—
June	—	—	—	—	26·9	30·7	23·1	35·1	21,22	18·3	1	—	—	—	—	—	—	—	—
July	—	—	—	—	27·4	30·9	24·0	35·5	13	21·6	25	—	—	—	—	—	—	—	—
August...	—	—	—	—	25·7	29·1	22·3	31·0	21	20·5	14	—	—	—	—	—	—	—	—
September	—	—	—	—	24·8	27·5	22·0	31·4	15	17·9	28	—	—	—	—	—	—	—	—
October...	—	—	—	—	21·8	24·1	19·4	25·6	10	16·6	25	—	—	—	—	—	—	—	—
November	—	—	—	—	20·8	22·9	18·6	24·7	21	16·0	18	—	—	—	—	—	—	—	—
December	—	—	—	—	17·0	19·7	14·4	21·5	6	10·8	31	—	—	—	—	—	—	—	—
Year	—	—	—	—	20·9	23·9	17·8	—	—	—	—	—	—	—	—	—	—	—	—

at CANDIA for the year 1916.

H = 27·1 m. h_t = 11·0 m. h_r = 12·1 m. C_h = + 2·4 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
6·6	—	5·5	6·0	197·3	44·0	13	18	16	1·6	19·5	7·5	—	1·5	9	9	3·5	5	6	6·97
5·3	—	5·5	5·4	82·5	14·4	1	16	12	1·3	5	2	1	2	14·5	17	2·5	1	13	3·13
5·2	—	4·8	5·0	0·9	0·9	10	1	—	1·3	9	4	1	—	10·5	12·5	3	6	16	3·87
5·1	—	4·6	4·8	12·3	4·5	12	6	4	1·3	11	8·5	2	3	11	4	4·5	5	11	4·63
3·4	—	3·0	3·2	2·1	1·2	17	2	1	0·9	9·5	10·5	1·5	3·5	4	1	1·5	9·5	21	4·77
0·7	—	0·4	0·6	0·0	0·0	—	—	—	0·9	10·5	5	0·5	3·5	4	1	—	8·5	27	7·24
0·1	—	0·1	0·1	0·0	0·0	—	—	—	1·0	7	6·5	1	—	—	0·5	3	25	19	7·47
0·5	—	1·0	0·8	0·8	0·8	6	1	—	1·0	9	2·5	—	—	1	1	—	23·5	24	6·75
2·4	—	1·3	1·8	40·9	39·6	22	2	2	1·0	12·5	1	—	1	2·5	2·5	0·5	10	29	6·06
3·1	—	1·5	2·3	10·9	7·6	20	2	2	0·9	5·5	1	0·5	3·5	4	5	3	7·5	32	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7·3	—	5·8	6·6	49·8	24·4	31	11	9	1·2	12·5	1	—	2·5	17	3·5	3	4·5	18	4·17
3·6	—	3·0	3·3	397·5	—	—	59	46	1·1	111	49·5	7·5	20·5	77·5	57	24·5	105·5	216	5·51

at DAMIETTA for the year 1916.

H = 2·2 m. h_t = 2·0 m. h_r = 1·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	
5·2	—	—	—	46·2	9·0	25	10	8	2·9	3	—	—	2·5	4·5	13·5	2·5	2	3	—
3·3	—	—	—	10·3	4·5	4	5	3	2·4	0·5	2	2·5	2·5	6	9	1	3·5	2	—
3·5	—	—	—	28·3	25·5	17	4	2	2·8	4	1·5	1	8	1	7	1	4·5	3	—
2·9	—	—	—	2·3	2·3	12	1	1	2·9	3	3·5	0·5	5	2·5	4·5	3·5	4·5	3	—
1·5	—	—	—	0·0	0·0	—	—	—	2·5	5·5	2·5	—	4	2	3	—	10	4	—
0·2	—	—	—	0·0	0·0	—	—	—	2·2	8	3	1	2	—	—	2	10	4	—
0·7	—	—	—	0·0	0·0	—	—	—	1·9	3·5	—	—	—	—	—	2	16·5	9	—
1·9	—	—	—	0·0	0·0	—	—	—	1·7	2	—	—	—	0·5	4	5·5	11	8	—
2·0	—	—	—	Drops	Drops	23	—	—	2·0	5	2·5	1	—	—	4	4	8·5	5	—
2·1	—	—	—	0·8	0·8	2	1	—	1·6	15	2	—	—	—	2	3	2	7	—
2·2	—	—	—	Drops	Drops	2,4	—	—	2·0	8·5	6	3·5	1·5	1	3	—	2·5	4	—
2·5	—	—	—	27·9	5·3	25	8	7	1·5	2	2	0·5	3	4·5	7·5	1·5	1	9	—
2·3	—	—	—	115·8	—	—	29	21	2·2	60	25	10	28·5	22	57·5	26	76	61	—

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	763·14	12·2	—	13·6	12·9	17·9	10·2	21·9	1	6·1	26	77	—	75	76	8·2	—	8·7	8·4
February	62·88	14·2	—	15·3	14·8	19·6	12·4	26·1	27	10·2	17	79	—	78	78	9·5	—	10·1	9·8
March	59·25	17·2	—	17·5	17·4	21·7	15·0	28·7	29	11·2	6	82	—	83	82	12·1	—	12·4	12·2
April	58·70	19·3	—	18·8	19·0	23·3	16·5	28·0	17	13·4	12	69	—	73	71	11·6	—	11·8	11·7
May	59·52	23·2	—	22·2	22·7	27·1	19·5	36·5	17	13·0	9	67	—	73	70	14·2	—	14·4	14·3
June	56·40	27·1	—	25·7	26·4	30·4	22·7	34·0	22, 23	18·7	10	71	—	79	75	18·8	—	19·6	19·2
July	55·41	28·1	—	27·0	27·6	32·0	24·6	36·6	15	23·1	12	74	—	79	76	21·0	—	20·9	21·0
August	57·02	26·5	—	25·9	26·2	30·6	23·5	32·9	18	20·6	14	73	—	75	74	18·7	—	18·6	18·6
September	58·86	25·4	—	25·1	25·2	29·5	22·9	31 6	15, 16	20·1	28, 29, 30	71	—	71	71	17·0	—	17·0	17·0
October...	63·19	22·4	—	22·5	22·4	27·0	19·8	29·5	2	15·6	24	74	—	72	73	14·8	—	14·6	14·7
November	61·84	21·6	—	21·5	21·6	25·1	17·9	27·8	15	13·4	7	75	—	75	75	14·3	—	14·4	14·4
December	62·45	16·6	—	17·9	17·2	22·5	13·8	26·3	6	10·1	22	80	—	75	78	11·2	—	11·5	11·4
Year	759·89	21·2	—	21·1	21·1	25·6	18·2	—	—	—	—	74	—	76	75	14·3	—	14·5	14·4

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	44 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916.																			
January	760·78	12·6	16·2	13·8	13·2	17·8	10·0	21·2	1	6·5	25	70	57	66	68	7·5	7·8	7·7	7·7
February	60·58	14·2	18·0	15·3	14·8	19·9	11·8	22·2	27	10·0	3, 11	70	56	66	68	8·4	8·5	8·6	8·5
March	56·88	16·8	20·7	17·4	17·3	23·1	14·3	33·3	28	11·9	14	72	61	74	73	10·3	10·8	10·8	10·6
April	56·55	18·2	21·5	17·8	18·2	24·6	15·3	39·4	26	12·1	17	67	60	73	70	10·5	11·2	11·0	10·9
May	57·68	21·9	24·7	21·1	21·7	27·4	19·0	40·4	29	15·2	1	69	62	77	73	13·4	13·9	14·1	13·8
June	54·82	25·2	27·3	24·2	24·7	29·7	22·2	38·9	4	19·1	3	76	69	83	80	18·2	18·6	18·6	18·5
July	53·88	26·5	29·1	25·9	26·5	31·0	24·5	33·9	13	23·0	19	75	67	79	77	19·4	19·9	19·5	19·6
August	55·25	25·7	28·4	25·2	25·7	30·5	23·4	34·1	21	19·9	14	71	61	73	72	17·3	17·5	17·4	17·4
September	57·16	27·9	27·2	24·4	25·5	29·8	22·6	34·5	14	19·4	30	66	60	69	68	15·6	16·1	15·7	15·8
October...	61·48	22·4	24·3	21·8	22·1	26·6	20·0	28·6	1	17·0	21	67	61	68	68	13·4	13·7	13·2	13·4
November	59·81	20·7	23·3	20·6	20·8	25·8	18·5	29·9	14	14·8	3	75	64	74	74	13·7	13·6	13·3	13·5
December	60·08	16·7	21·1	18·0	17·6	23·4	14·6	28·7	2	12·8	Several dates	70	58	67	68	9·9	10·6	10·3	10·3
Year	757·91	20·7	23·5	20·5	20·7	25·8	18·0	—	—	—	—	71	61	72	72	13·1	13·5	13·3	13·3

t PORT SAID for the year 1916.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation mm. per day
									Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
5·1	—	2·6	3·8	49·9	30·0	25	6	6	2·3	2	3	4	3	2	15	9	14	10	1·63
5·5	—	1·1	3·3	8·4	6·0	5	2	2	2·0	7	4	9	2	1	11·5	6·5	7	10	1·72
4·3	—	2·2	3·2	7·5	5·0	18	2	2	2·7	6·5	9·5	13	2·5	6	4	6	9·5	5	1·91
4·2	—	1·8	3·0	1·5	1·5	13	1	1	2·9	10	8	12·5	2	3·5	6·5	7	6·5	4	2·76
3·6	—	1·5	2·6	0·0	0·0	—	—	—	2·1	16·5	13	3·5	5	—	6	5	10	3	2·78
1·3	—	0·0	0·6	0·0	0·0	—	—	—	1·5	11	5·5	1·5	0·5	—	4·5	14	13	10	2·32
2·6	—	0·3	1·4	0·0	0·0	—	—	—	1·4	2	1	—	—	—	1·5	25	16·5	16	2·35
3·2	—	0·4	1·8	0·0	0·0	—	—	—	1·4	8·5	—	2·5	0·5	—	4	23	6·5	17	2·46
2·4	—	1·3	1·8	0·0	0·0	—	—	—	1·9	11·5	6	2·5	—	1	1	20	12	6	2·70
3·5	—	1·6	2·6	0·0	0·0	—	—	—	1·6	11·5	19·5	1	—	1	—	5	15	9	2·25
4·9	—	1·9	3·4	7·0	4·0	4	2	2	2·2	2	22	11	—	2	3	5	4	10	1·98
5·6	—	3·2	4·4	10·2	4·0	26	4	4	1·3	4·5	8·5	1	5	8·5	5·5	2	4	23	1·39
3·8	—	1·5	2·7	84·5	—	—	17	17	1·9	93	100	61·5	20·5	25	62·5	127·5	118	123	2·19

t ALEXANDRIA (Kôm el Nadûra) for the year 1916.

H = 32·0 m. h_t = 1·7 m. h_r = 2·0 m. C_h = + 2·8 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation mm. per day
									Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
6·0	6·1	5·6	5·9	109·0	47·0	3	12	12	1·6	9	0·5	—	—	2	10	13	17·5	41	1·86
4·8	4·3	3·8	4·3	14·0	8·0	8	4	4	0·8	0·5	1	—	—	2	3	11	8·5	61	1·66
5·2	4·9	4·6	4·9	8·0	6·0	18	2	2	1·6	4·5	5	1·5	2·5	4	0·5	15·5	13·5	46	1·89
4·2	4·2	4·4	4·3	2·0	2·0	13	1	1	1·9	8·5	3	4	1·5	2	1	14	17	39	1·89
2·6	2·5	2·3	2·5	Drops	Drops	16	—	—	1·9	13·5	2	0·5	0·5	1	0·5	9·5	27·5	38	2·21
1·3	0·3	0·4	0·7	0·0	0·0	—	—	—	2·3	29·5	11	2·5	1	1	—	6·5	34·5	4	1·93
1·2	0·4	0·7	0·8	0·0	0·0	—	—	—	2·9	25	—	—	—	—	—	13	50	5	2·35
2·0	1·5	1·1	1·5	Drops	Drops	6	—	—	2·5	25·5	12·5	—	—	—	—	13·5	32·5	8	2·57
2·3	1·8	1·4	1·8	Drops	Drops	23	—	—	2·2	37	21	2	—	1	—	2	17	10	2·90
2·4	2·0	1·6	2·0	0·0	0·0	—	—	—	1·6	37·5	39	—	—	—	—	—	8·5	8	2·04
4·0	3·4	2·9	3·4	21·0	19·0	2	2	2	1·3	9·5	35	15·5	1·5	1	—	3	4·5	20	1·74
4·7	4·0	3·6	4·1	45·0	16·0	7	6	6	1·2	11·5	15	4·5	6	2·5	4	6	9·5	34	2·03
3·4	3·0	2·7	3·0	190·0	—	—	27	27	1·8	211·5	145	30·5	13	16·5	19	107	240·5	314	2·09

Summary of Meteorological Observations

$\varphi = 31° 7' N.$ $\lambda = 30° 57'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916.																			
January	—	9·6	15·5	10·4	10·5	17·2	6·4	20·5	11, 19	3·9	26	82	64	81	82	7·2	8·5	7·6	7·8
February	—	10·4	18·9	12·0	11·9	20·6	6·4	25·5	27	3·9	4	87	57	84	86	8·1	9·2	8·7	8·7
March	—	15·3	23·6	14·2	15·9	25·0	10·5	33·6	29	6·3	14	86	55	86	86	11·1	11·9	10·3	11·1
April	—	18·9	25·5	17·2	18·3	27·2	11·5	36·3	26	8·3	20	75	54	82	78	12·2	13·0	12·0	12·4
May	—	22·8	30·7	21·1	22·4	32·1	14·8	43·7	16	9·6	1	69	46	71	70	14·2	15·2	13·1	14·2
June	—	27·0	34·7	24·6	26·0	35·9	17·9	42·8	16	12·5	4	64	43	68	66	16·9	17·5	15·6	16·7
July	—	27·5	33·2	26·6	26·8	34·2	19·9	39·7	13	17·8	11	74	50	72	73	20·0	18·9	18·7	19·2
August	—	25·5	31·1	26·1	25·2	32·0	18·1	37·0	21	13·4	16	81	57	76	78	19·5	19·2	19·0	19·2
September	—	24·9	20·6	23·6	23·6	30·8	16·3	37·0	16	12·9	29	72	55	74	73	16·8	17·0	15·9	16·6
October...	—	20·0	26·2	20·7	20·2	27·0	13·8	29·2	1	11·7	25	84	56	81	82	14·6	14·1	14·7	14·5
November	—	16·8	24·3	17·1	17·8	24·9	12·9	28·8	14	10·8	10	90	63	88	89	12·8	14·3	12·7	13·3
December	—	12·8	21·2	14·5	14·6	22·0	9·9	25·1	13	7·5	31	89	63	84	86	9·7	11·7	10·2	10·5
Year	—	19·3	26·2	19·0	19·4	27·4	13·2	—	—	—	—	79	55	79	79	13·6	14·2	13·2	13·7

Summary of Meteorological Observations

$\varphi = 31° 3' N.$ $\lambda = 31° 23'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916.																			
January	—	11·9	16·2	—	12·9	17·2	8·6	19·7	1, 3	4·9	25, 29	76	72	—	—	7·9	9·9	—	—
February	—	11·7	18·0	—	—	—	7·8	—	—	4·6	1	79	61	—	—	8·1	9·3	—	—
March	—	15·9	21·6	—	—	—	11·7	—	—	8·4	1	78	55	—	—	10·5	10·6	—	—
April	—	19·4	24·1	—	19·4	25·7	13·0	34·6	26	10·1	9, 19	66	54	—	—	11·2	12·1	—	—
May	—	23·9	29·5	—	23·7	31·5	15·9	44·7	16	12·6	7	60	46	—	—	13·2	14·1	—	—
June	—	27·7	35·2	—	27·8	36·5	19·1	41·6	23	14·5	1	74	60	—	—	20·3	25·2	—	—
July	—	26·9	33·1	—	28·1	35·7	20·5	39·7	14	18·8	10	77	58	—	—	20·4	21·6	—	—
August	—	25·9	29·3	—	26·7	33·1	20·3	35·8	22	17·6	24	79	76	—	—	19·7	23·2	—	—
September	—	24·2	27·4	—	24·2	31·1	17·3	36·0	16	15·0	30	69	62	—	—	15·3	16·9	—	—
October...	—	20·5	24·3	—	21·2	27·7	14·7	29·9	15, 16	12·4	14	65	61	—	—	11·7	13·8	—	—
November	—	18·8	23·2	—	21·2	26·5	15·8	29·2	19	11·4	30	78	67	—	—	12·6	14·1	—	—
December	—	14·1	19·2	—	16·6	22·9	10·4	25·9	22	6·1	20	79	65	—	—	9·4	10·8	—	—
Year	—	20·1	25·1	—	22·2	28·8	14·6	—	—	—	—	73	61	—	—	13·4	15·1	—	—

at SAKHA for the year 1916.

$H = 6{\cdot}0$ m. $h_t = 1{\cdot}8$ m. $h_r = 0{\cdot}9$ m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Pichi
2·2	3·8	3·4	3·1	46·3	15·0	27	9	7	2·1	11	10·5	—	—	—	—	0·5	17	54	2·06
2·2	1·9	0·6	1·6	18·0	10·0	9	2	2	1·4	2	16	—	—	—	—	0·5	10·5	58	2·60
1·8	0·6	0·6	1·0	5·2	3·0	11	3	2	1·3	6·5	6·5	—	—	—	—	—	25	55	3·14
0·9	0·3	0·0	0·1	4·0	3·5	13	2	1	1·5	10·5	5·5	—	—	—	—	—	25	49	5·21
0·5	0·3	0·4	0·6	0·0	0·0	—	—	—	1·7	9	7·5	—	—	—	—	—	26·5	50	5·94
0·2	0·6	0·1	0·3	0·0	0·0	—	—	—	1·7	6·5	9·5	—	7	—	—	—	25	42	5·90
0·3	0·3	0·6	0·4	0·0	0·0	—	—	—	1·8	9·5	6·5	—	11	—	—	0·5	32·5	33	5·35
0·3	0·5	0·3	0·3	0·0	0·0	—	—	—	1·5	4·5	4·5	—	13	—	—	—	31	40	4·01
0·2	0·5	0·3	0·3	0·0	0·0	—	—	—	1·0	5·5	3	—	8	—	—	—	22·5	51	3·64
0·5	0·1	0·2	0·3	0·0	0·0	—	—	—	1·5	9	6·5	—	20	—	4	—	20·5	33	2·72
1·6	0·5	1·2	1·1	4·3	3·1	3	2	2	0·7	4	0·5	—	7	—	6	—	11·5	61	2·18
1·7	1·7	1·3	1·6	32·9	13·4	26	6	5	1·0	6·5	1·5	—	3	—	13	—	11	58	1·85
1·0	1·0	0·8	0·9	110·7	—	—	24	19	1·4	84·5	78	—	69	—	23	1·5	258	584	3·72

at MANSURA for the year 1916.

$H = 7{\cdot}0$ m. $h_t = 1{\cdot}5$ m. $h_r = 1{\cdot}0$ m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
3·8	4·1	—	—	22·2	4·5	26	10	10	2·0	10	4	2	11	9	12	8	6	—	1·90
1·7	1·0	—	—	13·4	5·0	5	3	3	1·4	8	8	9	3	12	7	7	4	—	2·11
3·4	3·0	—	—	26·2	19·8	18	3	3	1·9	6	13	4	11	—	17	4	7	—	2·78
2·3	2·2	—	—	Drops	Drops	13, 14	—	—	3·1	5	13	—	9	—	14	6	13	—	3·43
1·4	1·1	—	—	0·0	0·0	—	—	—	2·0	10	12	10	2	2	4	6	16	—	4·73
0·2	0·0	—	—	0·0	0·0	—	—	—	1·7	10	20	4	1	—	2	8	15	—	6·23
0·0	0·0	—	—	0·0	0·0	—	—	—	1·5	1	6	—	2	—	1	12	40	—	5·92
0·0	0·0	—	—	0·0	0·0	—	—	—	1·0	1	4	—	—	2	2	36	17	—	4·54
0·2	0·0	—	—	0·0	0·0	—	—	—	1·5	9	7	4	1	5	3	23	8	—	4·42
0·0	0·0	—	—	0·0	0·0	—	—	—	1·3	14	5	10	2	6	—	22	3	—	2·92
0·0	0·0	—	—	0·0	0.0	—	—	—	1·0	8	15	8	—	2	2	18	7	—	2·43
0·0	0·0	—	—	9·5	6·0	26	3	3	1·6	4	5	10	4	10	12	14	3	—	1·90
1·1	1·0	—	—	71·3	—	—	19	19	1·7	86	112	61	46	48	76	164	139	—	3·61

Summary of Meteorological Observations

$\varphi = 30° 51'$ N. $\lambda = 31° 7'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916.																			
January	762·86	9·0	16·7	10·2	10·4	16·0	5·5	20·5	2	1·3	9	89	63	84	86	7·6	8·9	7·8	8·1
February	62·61	11·2	19·6	12·3	12·3	20·5	6·1	25·0	27	1·0	4	85	53	81	83	8·4	9·0	8·5	8·6
March	58·76	16·3	24·3	15·9	16·8	25·4	10·7	34·0	29	5·7	14	79	45	75	77	10·8	9·9	10·1	10·3
April	58·17	19·8	27·0	17·9	19·1	28·1	11·8	37·8	26	6·6	20	67	45	70	68	11·3	11·9	10·6	11·3
May	59·18	24·0	32·1	22·2	23·2	33·2	14·7	45·3	16	10·8	1	65	44	70	68	14·3	15·7	13·9	14·6
June	56·01	27·9	36·8	26·6	27·3	37·7	17·9	43·0	5	12·6	1	65	43	67	66	18·1	19·8	17·1	18·3
July	55·18	27·8	35·6	27·1	27·4	36·4	19·3	40·8	14	17·4	21	75	51	77	76	20·9	22·0	20·5	21·1
August	56·73	26·3	33·1	25·1	25·5	33·8	17·6	37·8	1	15·7	31	79	60	82	80	20·0	22·4	19·4	20·6
September	58·62	24·8	31·2	22·2	23·7	32·0	16·6	37·3	14	13·0	29	74	53	84	79	17·3	17·8	16·7	17·3
October	62·08	20·7	27·8	17·9	20·0	28·5	13·4	31·5	16, 17	11·1	25	81	54	90	86	14·5	14·8	13·7	14·3
November	61·50	18·0	25·5	17·1	18·3	26·3	12·7	29·6	14	7·4	27	88	60	93	90	13·5	14·5	13·5	13·8
December	62·18	12·8	21·9	13·7	14·4	23·2	9·0	27·5	22	6·0	31	93	62	89	91	10·2	12·0	10·4	10·9
Year	759·56	16·9	27·6	19·0	19·9	28·6	12·9	—	—	—	—	78	53	80	79	13·9	14·9	13·5	14·1

Summary of Meteorological Observations

$\varphi = 30° 35'$ N. $\lambda = 31° 30'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	762·78	8·0	16·5	10·4	10·1	17·5	5·4	20·0	1	1·2	29	82	56	80	81	6·6	7·8	7·5	7·3
February	62·50	9·9	18·9	12·6	11·8	20·2	5·8	25·2	27	1·2	4	82	48	76	79	7·4	7·6	8·2	7·7
March	58·51	14·6	24·3	16·5	16·4	25·4	10·4	34·6	29	6·2	14	79	40	69	74	9·4	8·6	9·6	9·2
April	57·83	18·2	26·6	18·4	15·7	27·6	11·6	39·7	26	7·8	20	66	31	57	62	10·1	7·8	8·7	8·9
May	58·62	22·5	32·0	23·2	23·2	32·9	15·3	44·1	17	10·6	1	60	26	50	55	11·8	9·0	10·4	10·4
June	55·56	25·5	36·5	27·2	27·0	37·2	18·6	42·5	5	13·9	1	65	22	45	55	15·6	10·3	12·1	12·7
July	*54·77*	25·9	*34.8*	*27·5*	*27·0*	35·6	19·8	39·7	14	17·1	1	74	*30*	*55*	*64*	18·3	*12·5*	*14·9*	*15·2*
August	56·30	24·7	32·3	25·2	25·2	33·1	18·5	36·2	1	16·3	14	73	38	63	68	16·9	13·6	14·9	15·1
September	58·09	22·9	30·2	22·3	23·2	31·0	17·2	35·4	14	13·5	28	78	43	73	76	16·3	13·7	14·7	14·9
October	62·32	18·9	26·9	18·8	19·6	27·7	13·9	31·3	16	11·8	30	84	46	80	82	13·6	12·0	12·9	12·8
November	60·95	16·8	25·3	17·7	18·2	26·2	13·1	30·2	14	7·8	27	88	52	83	80	12·5	12·3	12·6	12·5
December	61·71	11·2	21·7	15·0	13·1	24·5	—	27·1	11	—	—	88	52	80	84	8·7	10·0	10·1	9·6
Year	759·14	18·3	27·2	19·6	19·5	28·2	13·6	—	—	—	—	77	40	68	72	12·3	10·4	11·4	11·4

t QURASHIYA for the year 1916.

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

Clouds (0 - 10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0 10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
5·5	6·3	2·0	4·6	14·7	5·0	20	7	3	0·9	1·5	2·5	1·5	1	1	10·5	8·5	5·5	55	1·99
4·4	4·8	1·0	3·6	11·6	5·2	8	3	3	0·8	2·5	5	—	—	1·5	5·5	7	3·5	62	2·41
3·3	4·7	1·2	3·1	8·6	3·8	18	3	3	1·0	3·5	14·5	4·5	3·5	—	0·5	6·5	9	51	3·53
3·0	4·5	1·2	2·9	0·8	0·8	13	1	—	1·4	10·5	8	13	3	0·5	6·5	7	10·5	31	5·78
2·2	1·8	1·0	1·7	0·0	0·0	—	—	—	1·2	20·5	13·5	6	7·5	1·5	0·5	2	15·5	26	7·55
0·0	0·0	0·2	0·1	0·0	0·0	—	—	—	0·9	10	24	6·5	1·5	—	—	4	8	36	9·04
0·3	0·3	0·0	0·2	0·0	0·0	—	—	—	1·2	29·5	13	—	—	—	—	2	23·5	25	6·92
2·6	1·0	0·2	1·1	0·0	0·0	—	—	—	0·8	28	7	1·5	1	1	0·5	2·5	14·5	37	5·19
1·3	2·1	0·2	1·2	0·0	0·0	—	—	—	1·0	31	15·5	2	—	—	—	2	12·5	27	4·05
2·2	1·6	0·2	1·3	0·0	0·0	—	—	—	0·7	16	15	2	0·5	1	0·5	0·5	8·5	41	3·52
2·5	3·9	1·0	2·5	7·4	5·4	2	2	2	0·7	7·5	17	8·5	0·5	1	0·5	—	1	54	2·56
4·2	4·1	1·6	3·3	7·7	4·8	26	3	2	0·5	6	4	0·5	1·5	1·5	3	6·5	5	65	2·04
2·6	2·9	0·9	2·1	51·1	—	—	19	13	0·9	166·5	159	46	25	9	34	48·5	117	518	4·60

at ZAGAZIG for the year 1916.

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

Clouds (0—10)				Rainfall (mm.)			Date with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day.
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	Scale 0·10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
2·7	4·8	2·0	3·4	11·0	3·0	25	6	4	1·0	4·5	1	2	1	7·5	15	22	6	34	1·15
2·3	4·3	1·2	2·6	1·1	1·1	5	1	1	1·0	7·5	0·5	6·5	0·5	7·5	7	19	4·5	34	1·60
3·4	3·7	1·3	2·8	4·1	4·1	18	1	1	0·9	12·5	10	7·5	4·5	4	5	20	2·5	27	2·69
2·1	3·7	1·5	2·4	0·0	0·0	—	—	—	1·0	21·5	6·5	16·5	1·5	6·5	2	19	6·5	10	4·16
1·5	1·9	1·1	1·5	0·0	0·0	—	—	—	0·9	31·5	6	9·5	3	0·5	1	5·5	22	14	5·40
0·4	0·1	0·3	0·3	0·0	0·0	—	—	—	0·7	30	1	7·5	—	—	—	3	18·5	30	6·08
1·8	0·2	0·1	0·7	0·0	0·0	—	—	—	0·9	29·5	0·5	—	—	2	—	4·5	29·5	19	4·30
1·2	1·2	0·5	1·0	0·0	0·0	—	—	—	0·7	19	1	3	—	—	—	1·5	36·5	32	3·04
1·7	2·3	1·1	1·7	0·0	0·0	—	—	—	0·8	19·5	—	—	2·5	0·5	—	13·5	29	25	2·20
2·7	1·7	1·1	1·8	0·0	0·0	—	—	—	0·4	11	—	1	2	—	—	8	14	57	1·78
4·0	4·0	2·8	3·6	1·2	1·2	4	1	1	0·4	12·5	2	5	0·5	0·5	—	6·5	6	57	1·37
2·4	3·3	0·5	2·1	0·0	0·0	—	—	—	0·1	1	—	—	1	—	3·5	0·5	6	81	1·05
2·2	2·6	1·2	2·0	18·2	—	—	9	7	0·7	200	28·5	58·5	16·5	29	33·5	123	181	420	2·90

Summary of Meteorological Observations

$\varphi = 30° 28'$ N. $\lambda = 31° 11'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	9·0	16·4	—	11·9	17·4	6·4	20·4	10	1·3	5	88	60	—	—	7·5	8·3	—	—
February	—	10·8	19·3	—	13·4	20·3	6·6	25·9	27	2·3	4	60	54	—	—	8·6	9·0	—	—
March	—	16·2	24·7	—	18·3	25·7	10·9	3[illegible]·6	29	5·6	14	81	46	—	—	11·1	10·5	—	—
April	—	19·2	27·3	—	20·2	28·4	12·0	40·6	26	8·9	12	70	39	—	—	11·6	10·6	—	—
May	—	23·6	32·8	—	24·3	34·0	15·7	44·9	13	10·6	1	68	37	—	—	14·7	13·7	—	—
June	—	27·2	37·2	—	28·9	38·4	16·4	45·4	23	14·5	1	68	30	—	—	18·3	14·2	—	—
July	—	26·9	36·2	—	29·1	37·4	20·8	41·3	14	19·1	1,27	78	35	—	—	20·6	15·6	—	—
August	—	26·0	33·6	—	27·1	34·8	19·4	38·3	1	17·5	14	76	46	—	—	19·0	17·8	—	—
September	—	24·4	31·1	—	25·2	32·0	18·3	37·0	16	13·8	30	77	47	—	—	17·5	15·7	—	—
October...	—	20·5	27·4	—	21·6	28·2	14·9	31·5	16	12·8	25	82	52	—	—	14·6	14·0	—	—
November	—	18·0	25·5	—	20·2	26·3	14·0	30·6	14	9·5	27	88	55	—	—	13·5	13·3	—	—
December	—	12·9	21·7	—	16·3	22·6	10·0	25·6	22	7·6	19,31	91	51	—	—	10·0	10·7	—	—
Year	—	19·6	27·8	—	21·4	28·8	14·0	—	—	—	—	80	46	—	—	13·9	12·8	—	—

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	9·6	16·9	13·1	11·8	17·6	7·6	21·1	10	3·4	31	83	51	74	77	7·1	7·2	8·3	7·5
February	—	11·6	19·6	14·7	13·6	20·3	8·7	24·5	4	3·6	4	77	41	67	72	7·8	6·8	8·4	7·7
March	—	17·3	25·6	20·0	18·8	26·4	12·5	35·1	29	9·5	1,14	76	54	63	70	11·1	12·8	10·7	11·5
April	—	19·8	28·1	22·0	20·8	28·9	13·3	40·5	26	9·7	6	69	36	63	64	11·8	10·0	11·5	11·1
May	—	23·9	32·9	26·6	24·3	33·5	15·9	44·5	17	11·6	1	67	36	53	60	14·5	13·4	13·5	13·8
June	—	26·5	37·3	31·3	29·0	37·9	20·8	43·0	22,23	16·5	1	70	33	51	60	17·7	15·7	17·3	16·9
July	—	26·5	36·0	31·2	28·9	36·7	21·9	40·0	14	20·6	1	76	36	51	64	19·4	15·8	17·1	17·4
August	—	25·8	33·4	28·8	27·3	33·8	21·1	37·0	1	19·4	23	75	46	61	68	18·4	17·1	17·9	17·8
September	—	23·3	31·0	25·9	24·9	31·5	19·4	36·7	14	14·8	30	73	46	68	73	16·5	15·3	16·9	16·2
October...	—	19·5	27·5	22·2	21·2	27·9	15·7	36·8	1,2	13·5	31	79	43	74	76	13·3	11·6	14·8	13·2
November	—	17·5	26·1	20·9	19·8	26·8	14·5	33·8	14	9·6	27	85	40	71	78	12·5	12·2	13·0	12·6
December	—	13·9	22·4	16·9	16·1	23·1	11·1	27·1	21	8·6	5,19	79	45	70	74	9·3	9·0	10·0	9·4
Year	—	19·6	28·1	22·8	21·4	28·7	15·2	—	—	—	—	76	43	64	70	13·3	12·2	13·3	12·9

t BENHA for the year 1916.

l = 13·8 m. h_t = 1·6 m. h_r = 1·3 m.

Clouds (0–10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
5·1	6·5	—	—	12·0	3·0	6, 26	5	5	2·3	1·5	9	4	3·5	2·5	13	10·5	7	1	2·85
5·0	5·9	—	—	9·0	9·0	5	1	1	2·3	5·5	13	6	3	3·5	11	10·5	7·5	—	3·58
4·8	5·5	—	—	12·0	9·0	18	2	2	2·5	2·5	15	9	4·5	—	10·5	8·5	12	—	5·30
4·2	4·6	—	—	0·0	0·0	—	—	—	2·4	5	12·5	10	5	1	7·5	6·5	11·5	—	7·85
3·7	2·5	—	—	0·0	0·0	—	—	—	2·1	8·5	20	7·5	6·5	1·5	3	4	9	—	9·79
0·2	0·1	—	—	0·0	0·0	—	—	—	2·0	6·5	28	8	2	—	1	4·5	9	—	11·95
2·8	0·4	—	—	0·0	0·0	—	—	—	1·8	12	19·5	5	—	—	1	8	19·5	—	9·19
3·2	1·0	—	—	0·0	0·0	—	—	—	1·9	9·5	13·5	5·5	1·5	1	3	9	19	—	7·20
1·4	2·5	—	—	0·0	0·0	—	—	—	1·8	9·5	22	5·5	0·5	—	3·5	10	9	—	5·80
3·4	1·8	—	—	0·0	0·0	—	—	—	1·7	9·5	32	5	1	0·5	2·5	3·5	7	—	4·36
4·8	5·3	—	—	15·2	15·2	4	1	1	1·4	6	27	13	1·5	1·5	3	2·5	4·5	1	3·21
5·9	5·6	—	—	24·0	15·0	26	2	2	1·6	3·5	8·5	6·5	5	4	15	11·5	7	—	2·98
3·7	3·5	—	—	72·2	—	—	11	11	2·0	77·5	220	85	34	15·5	74	95	119	2	6·17

at HELIOPOLIS for the year 1916.

H = 41·0 m. h_t = 1·5 m.

Clouds (0–10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
4·5	5·3	3·9	4·6	—	—	—	—	—	1·7	11	—	7	—	24	—	7	—	41	3·26
3·2	3·7	1·0	2·6	—	—	—	—	—	1·0	16	—	2	—	1	—	10	—	58	4·01
2·9	2·7	1·0	2·2	—	—	—	—	—	0·8	19	—	2	—	2	—	9	—	70	6·85
2·7	3·1	1·2	2·3	—	—	—	—	—	1·5	2	—	14	—	7	—	10	—	57	9·18
1·9	1·3	1·2	1·5	—	—	—	—	—	2·3	51	—	14	—	—	—	7	—	21	11·98
1·4	0·4	0·5	0·8	—	—	—	—	—	2·0	62	—	4	—	—	—	1	—	23	15·20
2·7	0·8	0·4	1·3	—	—	—	—	—	1·3	55	—	—	—	—	—	6	—	32	11·42
2·4	0·6	0·4	1·1	—	—	—	—	—	1·4	55	—	—	—	—	—	—	—	38	9·78
2·8	1·6	0·5	1·6	—	—	—	—	—	1·6	59	—	1	—	—	—	5	—	34	7·84
2·3	0·6	0·3	1·2	—	—	—	—	—	1·6	58	—	—	—	—	—	—	—	35	6·52
4·1	3·2	2·2	3·2	—	—	—	—	—	1·4	18	22	2	—	1	—	9	4	34	5·04
3·4	3·5	1·9	2·9	—	—	—	—	—	1·0	3	6	9	1	10	1	12	4	47	3·96
2·9	2·2	1·2	2·1	—	—	—	—	—	1·5	391	28	55	1	45	1	76	8	493	7·92

Summary of Meteorological Observations

$\varphi = 30° 5' N.$ $\lambda = 31° 17' E.$ of Greenwich.

Month	Mean Standard Pressure (mm)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm) 8 h.	14 h.	20 h.	Mean
1916																			
January	761·20	8·6	16·0	12·0	11·0	17·0	7·3	20·8	1	3·6	23	78	59	78	78	7·2	7·7	8·1	7·7
February	60·49	10·4	18·8	14·4	13·0	20·0	8·5	24·7	27	3·6	4	84	48	72	78	7·8	7·8	8·7	8·1
March	56·51	15·6	24·5	19·3	18·0	25·7	12·7	34·3	29	9·5	14	74	39	58	65	9·7	8·9	9·7	9·4
April	55·92	18·4	27·2	20·9	20·2	28·5	14·4	39·0	26	10·5	4	64	29	48	56	10·2	7·6	8·8	8·9
May	56·70	22·6	32·2	25·6	24·5	35·5	17·7	43·5	17	13·8	1	60	26	41	50	12·2	9·2	9·9	10·4
June	53·49	25·9	37·3	30·4	28·7	38·4	21·1	44·0	22	16·5	1	65	18	34	50	16·0	8·8	11·0	11·9
July	52·96	25·7	35·2	29·7	28·3	36·7	22·5	39·9	14	21·2	5, 21, 27	76	29	42	59	18·5	12·1	13·1	14·6
August	54·40	24·8	32·6	27·6	26·6	34·0	21·3	38·2	1	19·5	26, 31	72	37	53	62	16·7	13·7	14·4	14·9
September	56·30	22·4	30·3	24·9	24·4	31·2	19·8	36·3	14, 16	15·6	30	80	40	61	70	16·1	13·0	14·2	14·4
October...	60·42	18·4	27·0	21·1	20·6	27·7	16·0	39·3	1	13·5	25	85	45	68	76	13·4	11·9	12·7	12·7
November	59·60	16·4	25·1	19·6	18·9	26·4	11·6	32·1	13	10·0	27	87	49	72	80	12·1	11·5	12·2	11·9
December	59·97	12·4	20·7	16·2	15·1	22·1	11·2	25·0	7, 16	9·2	19	87	54	76	82	9·2	9·8	10·4	9·8
Year	757·29	18·5	27·2	21·8	20·8	28·4	15·	—	—	—	—	76	39	59	67	12·4	10·2	11·1	11·2

Summary of Meteorological Observations

$\varphi = 30° 3' N.$ $\lambda = 31° 15' E.$ of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20	Mean
1916																			
January	—	9·0	—	—	12·6	18·4	6·9	21·9	11	3·1	23	82	—	—	—	7·0	—	—	—
February	—	10·9	—	—	14·8	21·3	8·2	24·9	27	3·1	4	80	—	—	—	7·8	—	—	—
March	—	16·3	—	—	19·3	26·2	12·4	34·4	29	8·8	1	72	—	—	—	9·8	—	—	—
April	—	18·9	—	—	21·4	29·0	13·7	40·6	26	9·4	14	67	—	—	—	11·1	—	—	—
May	—	23·3	—	—	25·5	33·9	17·1	44·7	17	12·7	31	60	—	—	—	12·3	—	—	—
June	—	26·3	—	—	29·6	38·2	21·0	43·1	22	16·2	1	65	—	—	—	16·3	—	—	—
July	—	26·4	—	—	29·4	36·8	22·1	40·2	14	20·5	8	72	—	—	—	18·4	—	—	—
August	—	25·3	—	—	27·6	34·4	20·8	38·0	1	19·0	13	69	—	—	—	16·4	—	—	—
September	—	23·7	—	—	25·8	32·3	19·3	37·9	16	14·5	30	74	—	—	—	16·0	—	—	—
October...	—	19·6	—	—	22·2	28·7	15·8	31·5	15	14·1	25, 31	79	—	—	—	13·3	—	—	—
November	—	17·2	—	—	20·7	27·1	14·3	32·3	14	10·6	27	84	—	—	—	12·2	—	—	—
December	—	13·2	—	—	17·1	23·3	10·9	26·2	16	8·7	19	82	—	—	—	9·2	—	—	—
Year	—	19·2	—	—	22·2	29·1	15·2	—	—	—	—	74	—	—	—	12·5	—	—	—

at ABBASIYA for the year 1916.

H = 29·9 m. h_t = 2·0 m. h_r = 1·0 m. C_h = + 2·6 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
4·4	4·6	3·2	4·1	13·8	6·6	3	9	4	2·9	8	—	—	1	45	8	7	2	22	—
4·7	3·9	1·9	3·5	8·3	5·2	5	4	3	3·1	24	—	1	1	29	—	10	6	16	—
3·7	4·5	1·6	3·3	15·7	15·7	18	1	1	3·3	34	1	1	1	14	6	25	4	10	—
3·6	4·1	2·4	3·4	0·5	0·5	12	1	—	3·9	38	2	4	1	8	2	31	4	—	—
2·3	2·3	1·6	2·1	0·0	0·0		—	—	3·7	47	2	—	1	2	5	26	8	2	—
0·5	0·2	0·7	0·5	0·0	0·0	—	—	—	3·9	61	2	—	—	1	1	8	17	—	—
1·8	0·4	0·1	0·8	0·0	0·0	—	—	—	3·5	51	—	—	—	—	2	19	20	1	—
2·0	0·6	0·2	0·9	0·0	0·0	—	—	—	3·3	32	—	2	—	—	1	35	22	1	—
2·0	1·2	0·3	1·2	0·0	0·0	—	—	—	2·4	57	6	2	—	—	—	15	10	—	—
2·1	1·4	0·6	1·2	0·0	0·0	—	—	—	2·7	59	14	8	—	—	—	—	10	2	—
4·8	4·0	1·9	3·6	2·5	2·5	4	1	1	3·1	66	—	—	—	5	2	5	5	7	—
4·0	4·1	2·1	3·4	1·5	1·5	26	1	1	2·5	33	3	1	2	19	10	10	4	11	—
3·0	2·6	1·3	2·3	42·3	—	—	17	10	3·2	507	30	19	7	123	37	191	112	72	—

at CAIRO (EZBEKIYA) for the year 1916.

H = 22·0 m. h_t = 1·5 m. h_r = 1·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
4·8	—	—	—	0·7	6·2	3	9	3	1·5	2	—	—	—	14	4	—	—	11	2·13
3·3	—	—	—	9·4	7·8	5	3	2	1·2	6	—	—	—	7	3	1	—	12	2·88
3·8	—	—	—	12·7	12·7	18	1	1	1·0	7	3	1	1	4	2	1	—	12	4·36
3·2	—	—	—	Drops	Drops	12	—	—	0·9	3	1	—	—	1·5	2·5	2	6	14	6·12
3·1	—	—	—	0·0	0·0	—	—	—	1·1	8	3	—	—	—	2	1	4	13	7·33
0·7	—	—	—	0·0	0·0	—	—	—	1·2	14	4·5	0·5	—	—	—	1	3	7	8·83
1·8	—	—	—	0·0	0·0	—	—	—	1·1	19	—	—	—	—	—	—	2	10	7·23
2·0	—	—	—	0·0	0·0	—	—	—	1·2	13·5	1	—	—	1	—	—	2·5	13	5·72
2·7	—	—	—	0·0	0·0	—	—	—	0·8	9	—	—	—	—	—	—	8	13	5·23
2·6	—	—	—	0·0	0·0	—	—	—	0·7	13	1	—	—	—	—	—	3	14	4·19
4·1	—	—	—	0·6	0·0	4	1	1	0·8	10	1	—	—	2	—	—	3	14	2·81
3·0	—	—	—	0·2	0·2	26	1	—	1·0	—	1	—	3	6	3·5	0·5	2	15	2·27
3·0	—	—	—	41·6	—	—	15	7	1·0	104·5	15·5	1·5	4	35·5	17	6·5	33·5	148	4·92

Summary of Meteorological Observations

$\varphi = 30° 2'$ N. $\lambda = 31° 13'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8	14 h.	20 h.	Mean
1916																			
January	761·60	8·3	16·8	10·6	10·2	17·8	5·2	20·6	11	0·4	23	86	48	79	82	7·0	6·9	7·4	7·1
February	60·90	10·2	19·7	13·4	12·4	20·7	6·4	24·8	27	1·1	3	83	42	71	77	7·7	7·0	8·1	7·6
March	56·95	15·6	24·9	17·7	17·2	25·8	10·6	34·1	29	6·4	14	77	36	66	72	10·0	8·1	9·8	9·3
April	56·33	18·4	27·4	20·4	19·4	28·5	11·6	40·5	26	7·4	20	65	26	48	56	10·2	6·7	8·2	8·4
May	57·09	22·7	32·3	24·5	23·7	33·1	15·3	44·7	16	12·2	24	61	25	44	52	12·2	8·6	10·0	10·3
June	53·92	25·5	35·9	29·2	27·4	36·8	19·2	43·0	5	13·5	1	66	21	36	51	15·9	9·4	10·7	12·0
July	53·48	26·1	34·7	28·4	27·4	35·5	20·4	39·3	14	18·4	1	73	29	45	59	18·2	11·9	12·9	14·3
August	55·00	25·1	32·4	26·4	25·7	33·2	19·0	36·4	1	16·7	14	71	37	56	64	16·8	13·1	14·2	14·7
September	56·66	23·0	29·8	23·5	23·5	30·4	17·6	35·2	16	13·1	30	80	44	63	74	16·8	13·8	14·7	15·1
October...	60·80	19·4	26·9	20·6	20·3	27·3	14·2	29·6	2, 15	11·0	28	85	48	74	80	14·1	12·5	13·3	13·3
November	59·43	17·2	25·3	19·0	18·8	26·2	13·8	32·1	14	8·7	27	87	49	78	82	12·7	11·5	12·0	12·3
December	60·17	12·3	22·0	14·7	14·6	23·0	9·2	26·8	3	5·9	19	89	49	82	86	9·5	9·6	10·3	9·8
Year	757·69	16·6	27·3	20·7	20·0	28·2	13·5	—	—	—	—	77	38	62	70	12·6	9·9	11·0	11·2

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	17 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	17 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	17 h.	Mean
1916																			
January	764·09	11·4	*17·5*	15·8	13·8	18·5	9·0	23·0	13	5·0	23,26	72	*45*	55	64	7·2	*6·6*	7·3	7·2
February	*63·27*	13·4	20·0	*18·1*	15·4	21·2	9·6	25·0	22	5·0	4	72	42	*49*	*60*	8·2	7·3	*7·5*	7·8
March	59·28	17·7	25·3	23·6	20·1	27·0	13·2	35·0	29	10·0	Several dates	64	36	39	52	9·7	8·6	8·5	9·1
April	*58·40*	20·5	27·9	*26·0*	22·4	29·8	15·0	38·0	24,26	12·0	Several dates	56	29	*32*	*44*	10·0	8·1	*7·8*	*8·9*
May	*59·09*	23·6	32·2	*29·6*	26·0	33·7	18·3	39·0	12,17	16·0	Several dates	57	30	*39*	*38*	12·4	10·7	*12·2*	*12·3*
June	55·84	27·5	38·0	35·0	30·8	39·6	21·9	45·0	21,22	17·0	1	57	17	20	38	15·4	8·4	8·7	12·0
July	55·10	27·8	37·2	35·1	31·0	38·9	23·1	43·0	13	21·0	1,11,25	66	23	27	46	18·1	11·0	11·2	14·6
August	56·62	26·4	*35·0*	33·0	29·4	36·8	22·1	40·0	1	20·0	28,31	64	*27*	32	48	16·2	*11·1*	12·0	14·1
September	58·38	24·6	33·1	30·5	27·5	34·6	20·4	41·0	16	16·0	30	67	31	36	52	15·4	11·6	11·6	13·5
October...	*62·66*	21·1	29·1	*26·4*	23·6	30·3	16·8	36·0	16	14·0	31	74	40	*43*	*60*	13·6	12·0	*11·5*	*12·6*
November	*61·38*	19·0	27·1	*24·5*	22·4	28·8	15·9	31·0	13	10·0	27	76	45	*59*	*63*	12·4	11·9	*11·4*	*11·9*
December	*62·62*	14·5	*22·5*	*20·0*	17·6	24·2	10·9	27·0	7,13	8·0	19,20	73	*44*	*53*	*63*	8·9	*9·0*	*9·1*	*9·0*
Year	759·73	20·6	28·7	26·5	23·3	30·3	16·3	—	—	—	—	66	34	40	53	12·3	9·7	9·9	11·1

at GIZA for the year 1916.

H = 27·8 m. h_t = 1·9 m. h_r = 0·9 m. C_h = + 2·4 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
5·1	5·2	2·0	4·1	8·2	4·2	3	6	2	0·7	5·5	1	—	—	4·5	26·5	9	28·5	18	1·78
4·8	3·7	2·3	3·6	10·1	7·0	5	2	2	0·7	18·5	—	—	0·5	7·5	19	2	23·5	16	2·43
4·7	3·7	1·0	3·1	5·2	5·2	18	1	1	0·9	18	4	—	1·5	3	9	1·5	36	19	4·01
3·7	3·6	3·1	3·5	Drops	Drops	12	—	—	1·1	28	4·5	0·5	1·5	2	8	6·5	25	14	6·36
2·7	1·5	1·8	2·0	0·0	0·0	—	—	—	1·1	37	6	—	—	1·5	2·5	2	28	16	7·75
1·2	0·1	0·9	0·7	0·0	0·0	—	—	—	1·2	59·5	4	—	—	—	—	—	24·5	2	9·98
1·6	0·2	0·0	0·6	0·0	0·0	—	—	—	1·0	82	—	—	—	—	—	—	—	11	7·52
1·9	0·3	0·2	0·8	0·0	0·0	—	—	—	0·9	69·5	2	—	—	—	—	—	14·5	16	5·92
2·4	0·7	0·0	1·0	0·0	0·0	—	—	—	0·9	33·5	1	—	—	—	—	—	39·5	15	4·21
1·8	0·3	0·0	0·7	0·0	0·0	—	—	—	0·9	38	0·5	—	—	—	—	—	41·5	9	3·47
4·4	3·2	1·5	3·0	3·8	3·8	4	1	1	0·8	25·5	4·5	—	—	—	1	—	30	24	2·67
3·2	3·1	0·9	2·4	1·6	1·6	25	1	1	0·5	13·5	—	—	1	6	12·5	3	26	31	2·08
3·1	2·1	1·1	2·1	28·9	—	—	11	7	0·9	419·5	27·5	0·5	4·5	24·5	78·5	24	320	191	4·85

at SUEZ for the year 1916.

H = 3·4 m. h_t = 1·8 m. h_r = 3·2 m. C_h = + 0·3 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
8 h.	14 h.	17 h.	Mean	Total mm.	Maximum 1 day Amount	Maximum 1 day Date	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
3·0	3·9	4·2	3·6	6·1	2·1	7	7	3	1·4	14	5·5	9	3	3·5	5	13·5	11·5	23	—
1·9	2·8	2·8	2·1	2·8	2·3	5	3	1	0·8	24	9	3·5	1	5·5	4·5	7	1·5	27	—
1·8	3·1	2·6	2·2	2·9	2·0	19	1	1	1·2	21	15·5	3	—	6·5	5·5	9·5	4	20	—
0·9	2·1	1·6	1·2	Drops	Drops	7, 13, 14	—	—	1·2	28	11·5	4	—	2·5	6·5	8	[illegible]	17	—
0·9	0·2	1·2	1·0	0·0	0·0	—	—	—	1·0	32	13·5	—	—	—	3·5	1·5	8·5	30	—
0·0	0·0	0·3	0·2	0·0	0·0	—	—	—	0·8	26·5	13·5	—	—	—	—	1	14	32	—
1·2	0·0	0·0	0·6	0·0	0·0	—	—	—	0·6	30	16	0·5	—	—	—	—	13·5	31	—
0·5	0·0	0·0	0·3	0·0	0·0	—	—	—	0·6	23	11·5	1·5	—	2	—	2·[illegible]	12	35	—
0·6	0·0	0·0	0·3	0·0	0·0	—	—	—	0·6	27·5	10	—	—	—	—	—	15·5	34	—
0·5	0·0	0·0	0·2	0·0	0·0	—	—	—	0·6	29	10	0·5	—	—	—	1	18·5	30	—
2·7	1·9	0·6	1·6	0·0	0·0	—	—	—	0·7	19	9	2·5	—	4	—	—	12·5	36	—
1·8	0·9	1·1	1·4	5·2	4·0	29	2	2	0·6	17·5	11	2·5	1·5	1·5	2	0·5	10·5	40	—
1·3	1·2	1·2	1·2	17·0	—	—	13	7	0·8	291·5	134	27	5·5	25·5	27	44	131·5	364	—

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	753·58	8·8	15·6	12·3	11·0	16·8	7·4	21·5	11	3·5	28	76	49	61	68	6·4	6·3	6·6	6·4
February	52·85	11·6	18·9	15·4	13·9	20·3	9·6	24·1	22, 27	4·9	4	68	37	50	59	7·0	5·8	6·5	6·4
March	48·91	16·4	25·0	20·5	18·8	26·5	13·4	37·6	29	8·4	11	59	28	42	50	7·8	6·3	7·3	7·1
April	48·28	18·5	27·4	22·3	20·7	29·2	14·5	41·0	26	10·4	19	55	20	34	44	8·3	5·2	6·6	6·7
May	49·06	22·8	32·2	26·0	25·0	33·8	18·3	46·0	17	14·4	24	52	20	31	42	10·1	6·7	7·8	8·2
June	45·89	26·4	37·2	31·7	29·2	38·6	21·9	45·0	22	17·0	1	53	14	25	39	13·0	6·2	8·5	9·2
July	45·43	25·5	35·4	31·5	28·6	36·9	22·0	49·1	13	20·6	23	67	20	30	48	16·0	8·5	10·1	11·5
August	46·87	24·7	32·9	29·1	27·0	34·3	21·4	39·3	1	18·3	13	64	26	40	52	14·5	9·6	11·8	12·0
September	48·63	23·0	30·8	26·2	25·0	32·0	20·0	38·3	14	16·1	29	68	30	48	58	14·1	9·7	12·1	12·0
October...	52·71	20·0	27·2	22·3	21·6	28·3	17·1	31·9	2, 15	14·7	8	71	35	57	64	12·4	9·4	11·4	11·1
November	51·23	18·4	25·7	21·1	20·3	27·3	16·1	33·4	14	11·5	28	71	33	55	63	11·0	9·1	10·2	10·1
December	52·37	13·8	21·3	17·2	16·1	22·5	12·2	25·4	16	7·7	31	71	44	56	64	8·3	8·2	8·1	8·2
Year	749·65	19·2	27·5	23·0	21·4	28·0	16·1	—	—	—8	—	65	30	44	54	10·7	7·6	8·9	9·1

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	8·7	17·2	11·6	10·8	18·0	5·6	20·4	7, 13	0·5	23	80	60	79	80	6·7	8·7	8·0	7·8
February	—	11·0	20·0	13·6	12·8	20·4	6·4	25·0	27	2·5	4	57	55	86	84	8·6	9·6	9·2	9·1
March	—	15·9	25·6	18·6	17·6	26·3	10·5	29·7	31	5·2	21	79	53	72	76	10·6	13·0	11·5	11·7
April	—	19·7	29·0	21·5	20·8	29·8	12·9	41·5	26	9·2	Several dates	68	50	63	66	11·6	14·8	12·0	12·8
May	758·46	24·0	34·3	26·0	25·3	34·9	17·0	46·4	16	13·5	25, 26, 27	61	39	55	58	13·6	15·8	13·5	14·3
June	54·95	28·4	38·5	30·9	29·6	39·5	20·7	45·9	22	16·5	3	57	39	44	50	16·3	15·2	14·7	15·4
July	54·46	28·7	38·5	30·1	29·7	39·1	21·4	42·5	14	19·0	1	61	33	54	58	17·6	16·8	17·3	17·2
August	56·14	27·2	36·3	28·7	28·1	36·8	20·3	41·6	1	18·0	27	61	34	52	56	16·5	15·0	15·2	15·6
September	57·81	25·2	33·8	26·0	26·0	34·3	19·0	41·5	16	13·6	30	65	33	54	60	15·4	12·8	13·4	13·9
October...	61·77	20·7	28·7	21·8	21·7	28·8	15·7	35·2	2	13·0	30	73	36	60	66	13·1	10·6	11·6	11·6
November	60·39	17·8	26·5	19·8	19·6	26·9	14·4	31·6	13	9·6	27	77	41	67	72	11·7	10·3	11·5	11·2
December	61·69	12·2	22·4	15·0	14·8	22·9	9·6	25·2	16	6·4	31	83	41	72	78	8·7	8·2	9·2	8·7
Year ...	—	20·0	29·2	22·0	21·4	29·8	14·5	—	—	—	—	71	42	63	67	12·5	12·6	12·3	12·5

HELWAN for the year 1916.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
4·7	6·1	3·4	4·7	26·0	13·9	3	7	5	2·4	20	41·5	6	5	17·5	13·5	11	7·5	1	1·91
2·9	4·4	2·6	3·3	3·3	1·3	5	4	2	2·8	18	26	5	7	7	8·5	5·5	10	—	2·92
3·2	4·6	1·7	3·2	25·8	25·8	18	1	1	2·9	17·5	22·5	6	6·5	5	5	9	21·5	—	5·11
3·0	3·4	3·1	3·2	Drops	Drops	12	—	—	3·4	23	17·5	4·5	5	4·5	7·5	7·5	20·5	—	7·05
1·7	2·0	1·8	1·8	0·0	0·0	—	—	—	3·6	35·5	20·5	3	2	3	4	2·5	22·5	—	8·85
0·3	0·1	0·4	0·3	0·0	0·0	—	—	—	4·0	47	21	2	1	—	—	2	17	—	12·72
0·6	0·1	0·0	0·2	0·0	0·0	—	—	—	3·5	51·5	5·5	—	—	—	—	1·5	34·5	—	9·95
0·9	0·2	0·1	0·4	0·0	0·0	—	—	—	3·3	50	11	2	1	—	1	0·5	27·5	—	8·16
1·6	0·7	0·1	0·8	0·0	0·0	—	—	—	3·6	53	17	0·5	—	—	—	—	19·5	—	7·18
0·9	0·3	0·0	0·4	0·0	0·0	—	—	—	3·7	53	32·5	—	—	—	—	—	5·5	2	5·58
2·5	4·0	2·4	3·0	Drops	Drops	4	—	—	3·2	22	40	3	0·5	1·5	1·5	3·5	18	—	4·28
3·3	4·0	2·4	3·2	6·1	4·6	25	3	2	2·1	14·5	23	10·5	4·5	14	6·5	6·5	12·5	1	2·44
2·1	2·5	1·5	2·0	61·2	—	—	15	10	3·2	405	248	42·5	32·5	52·5	47·5	49·5	216·5	4	6·35

at QASR EL GEBALI for the year 1916.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
3·6	4·3	2·4	3·4	—	—	—	—	—	1·0	50·5	1·5	1	—	1	3	5	19	12	1·06
2·6	3·7	2·6	3·0	—	—	—	—	—	1·7	57	5	—	—	2	—	1	12	10	2·63
2·0	2·5	0·6	1·7	—	—	—	—	—	1·7	62·5	4·5	—	—	2	2	2	4	16	3·33
2·0	2·9	1·1	2·0	—	—	—	—	—	2·1	58	3	—	—	1	4	2	7	13	5·35
1·9	1·7	0·8	1·5	—	—	—	—	—	2·8	73·5	1·5	1	1	3	2	—	2	7	6·15
0·3	0·4	0·3	0·3	—	—	—	—	—	3·0	79	7	—	1	—	—	—	—	2	8·41
0·3	0·1	0·0	0·1	—	—	—	—	—	2·3	81	1·5	—	—	—	—	—	1·5	7	6·57
0·5	0·0	0·0	0·2	—	—	—	—	—	2·2	84·5	0·5	—	—	—	—	—	—	8	4·85
0·9	0·0	0·0	0·3	—	—	—	—	—	2·2	81	2·5	—	—	—	—	—	1·5	5	4·07
0·5	0·0	0·0	0·2	—	—	—	—	—	2·3	77	11	0·5	—	—	—	—	1·5	2	5·17
1·5	2·3	1·4	1·7	—	—	—	—	—	1·7	57·5	6·5	2·5	8·5	3·5	1	1·5	7	2	3·20
2·0	2·9	1·4	2·1	—	—	—	—	—	1·0	43	2·5	1	2	6·5	0·5	2	7·5	27	2·04
1·5	1·7	0·9	1·4	—	—	—	—	—	2·0	804·5	47	6	12·5	19	12·5	13·5	63	111	4·48

Summary of Meteorological Observations

$\varphi = 29° 4'$ N. $\lambda = 31° 6'$ E. of Greenwich

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916.																			
January	—	13·1	—	—	13·0	18·5	7·5	21·5	1	1·8	28	68	—	—	—	7·6	—	—	—
February	—	16·7	—	—	14·5	21·3	7·7	24·5	12	2·5	3	62	—	—	—	8·8	—	—	—
March	—	19·0	—	—	18·4	27·0	9·8	37·0	29	6·0	12	62	—	—	—	10·1	—	—	—
April	—	*21·9*	—	—	*20·4*	*30·0*	*10·7*	*37·0*	*25,26,27*	*7·0*	*19*	*47*	—	—	—	*9·2*	—	—	—
May	—	25·3	—	—	25·9	36·7	14·6	45·0	14,15,16	9·4	9	49	—	—	—	11·7	—	—	—
June	—	27·6	—	—	27·5	40·0	15·0	43·2	16	11·0	9	58	—	—	—	15·9	—	—	—
July	—	25·5	—	—	27·8	37·8	17·9	44·5	16	16·0	22	67	—	—	—	16·1	—	—	—
August	—	*26·1*	—	—	*27·6*	*35·7*	*19·5*	*37·2*	*14*	*18·2*	*23*	*73*	—	—	—	*18·4*	—	—	—
September	—	24·4	—	—	23·9	31·5	16·3	35·6	2	14·1	25	79	—	—	—	16·0	—	—	—
October	—	*21·5*	—	—	*21·7*	*27·8*	*15·6*	*31·5*	*15*	*11·8*	*27*	*76*	—	—	—	*14·4*	—	—	—
November	—	16·3	—	—	18·0	25·3	10·6	26·8	7	7·9	30	88	—	—	—	12·2	—	—	—
December	—	14·3	—	—	*13·0*	20·5	5·6	24·8	1	4·5	18,21	88	—	—	—	10·6	—	—	—
Year	—	21·1	—	—	21·0	29·3	12·6	—	—	—	—	67	—	—	—	12·6	—	—	—

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916.																			
January	762·05	11·2	18·2	16·6	13·6	19·0	8·4	24·0	13	4·5	23	62	46	46	54	6·0	7·2	6·4	6·5
February	61·70	15·8	20·5	18·8	15·9	22·3	10·4	27·2	28	6·5	4	59	47	48	54	7·0	8·4	7·8	7·7
March	58·00	19·0	23·8	22·0	19·8	25·9	14·4	34·5	30	9·4	3	60	55	54	57	10·0	12·2	10·4	10·9
April	56·93	21·5	25·8	24·1	22·0	28·6	16·5	35·1	29	12·9	12	57	48	52	54	10·9	11·6	11·4	11·3
May	56·68	24·4	28·4	27·5	25·3	31·1	20·9	39·6	17	17·6	8	66	50	50	58	14·8	14·2	13·3	14·1
June	52·98	26·4	30·2	29·4	27·3	34·0	23·1	39·5	22	17·8	4	68	55	47	56	17·3	17·4	14·2	16·3
July	52·60	27·8	31·1	31·3	28·9	34·9	25·5	39·6	16	20·9	3	69	54	51	60	19·0	18·2	17·0	18·1
August	54·35	27·5	30·3	29·9	28·2	33·4	25·0	40·6	1	19·9	20	69	58	59	64	18·7	18·6	18·2	18·5
September	55·51	26·3	28·6	28·9	26·7	31·6	22·9	42·1	16	16·4	30	63	65	52	58	16·1	18·8	14·8	16·6
October	59·87	21·7	26·0	24·8	22·3	27·3	16·6	31·1	17	14·3	31	60	69	70	65	11·5	17·2	15·9	14·9
November	60·93	19·4	25·6	22·3	20·6	26·4	15·3	28·5	14,22	11·0	30	54	63	64	59	9·2	15·4	12·7	12·4
December	61·12	14·7	22·6	19·1	17·0	23·2	11·7	26·0	13	7·6	18	56	55	52	54	7·0	11·2	8·7	9·0
Year ...	757·73	21·1	25·9	24·6	22·3	28·1	17·6	—	—	—	—	62	55	54	58	12·3	14·2	12·6	13·0

t BENI SUEF for the year 1916.

H = 28·4 m. h_t = 1·6 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind											Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Wind Force	Direction										mm. per day
							of rain		8 h.	Number of observations in which the wind-direction was recorded as										
8 h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm		Wild
0·8	—	—	—	—	—	—	—	—	1·1	20	—	—	1	—	—	10	—	—		1·12
0·1	—	—	—	—	—	—	—	—	1·1	20	—	1	—	—	—	8	—	—		1·99
0·0	—	—	—	—	—	—	—	—	1·0	21	—	3	1	—	—	5	1	—		2·84
0·0	—	—	—	—	—	—	—	—	1·1	11	1	2	6	2	—	3	2	—		5·50
0·0	—	—	—	—	—	—	—	—	1·0	13	11	—	—	—	5	—	2	—		7·61
0·0	—	—	—	—	—	—	—	—	1·0	19	—	—	—	3	1	3	4	—		9·21
0·0	—	—	—	—	—	—	—	—	1·0	16	—	—	—	—	—	6	8	—		9·49
0·0	—	—	—	—	—	—	—	—	1·0	19	—	—	—	—	—	—	9	—		7·51
0·0	—	—	—	—	—	—	—	—	1·0	17	—	—	—	—	—	—	13	—		6·15
0·0	—	—	—	—	—	—	—	—	1·1	23	—	—	—	—	—	—	5	—		5·11
0·1	—	—	—	—	—	—	—	—	1·0	30	—	—	—	—	—	—	—	—		3·77
0·0	—	—	—	—	—	—	—	—	1·0	16	—	—	—	1	13	—	—	—		2·25
0·1	—	—	—	—	—	—	—	—	1·0	225	12	6	8	6	19	35	44	—		5·21

at TOR for the year 1916.

H = 1·9 m. h_t = 1·9 m. C_h = + 0·2 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind											Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Wind Force	Direction										mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as										
8 h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm		Fiche
3·3	3·1	3·3	3·2	—	—	—	—	—	2·3	26	28	1	—	—	1·5	3	19·5	14		6·28
2·6	2·6	1·6	2·4	—	—	—	—	—	2·1	7	12·5	1	—	2	2	1	43·5	18		6·59
3·8	4·4	3·4	3·9	—	—	—	—	—	2·8	5	8·5	—	1	12·5	2·5	0·5	44	19		7·29
1·5	2·3	2·7	2·1	—	—	—	—	—	2·8	5	4	0·5	1	7	2	0·5	50	20		7·93
1·7	1·5	1·8	1·7	—	—	—	—	—	3·4	3	6	—	2	5	—	—	65	12		9·78
0·4	0·7	0·5	0·5	—	—	—	—	—	2·7	1	—	—	—	—	—	—	63	26		8·27
0·4	0·6	0·3	0·4	—	—	—	—	—	3·5	—	—	—	—	—	—	—	90	3		9·55
0·4	0·9	1·1	0·8	—	—	—	—	—	3·2	—	—	—	—	—	—	—	89	4		9·69
0·2	0·2	0·1	0·2	—	—	—	—	—	3·5	4·5	—	—	—	1	—	—	76·5	8		9·53
0·3	0·4	0·1	0·3	—	—	—	—	—	2·4	2·5	—	—	—	—	—	1	70·5	19		6·01
3·7	3·7	2·5	3·3	—	—	—	—	—	1·5	17	0·5	—	—	2	5	0·5	42	23		4·67
2·7	1·2	2·1	2·0	—	—	—	—	—	1·6	17	10	—	—	—	2	0·5	33·5	30		5·93
1·7	1·8	1·6	1·7	—	—	—	—	—	2·6	88	69·5	2·5	4	29·5	15	7	686·5	196		7·58

Summary of Meteorological Observations

$\varphi = 28° 6'$ N. $\lambda = 30° 46'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	—	24·0	—	—	26·0	34·1	17·8	45·4	17	12·1	25	58	—	—	—	12·6	—	—	—
June	—	27·3	—	—	30·4	39·5	21·4	46·8	22	16·5	3	62	—	—	—	16·8	—	—	—
July	—	29·5	—	—	29·8	38·1	21·4	41·6	13, 15	18·3	23	67	—	—	—	20·5	—	—	—
August	—	25·6	—	—	26·4	33·2	19·7	36·7	19	17·4	12	72	—	—	—	17·4	—	—	—
September	—	23·4	—	—	24·0	29·7	18·3	33·4	16	13·7	29	78	—	—	—	16·6	—	—	—
October...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—
November	—	18·2	—	—	17·9	22·9	12·9	26·2	15	10·3	18	79	—	—	—	12·4	—	—	—
December	—	14·2	—	—	—	20·8	—	23·4	23	—	—	76	—	—	—	9·2	—	—	—
Year	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observations

$\varphi = 27° 11'$ N. $\lambda = 31° 13'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	759·71	9·1	16·9	11·6	11·0	17·9	6·3	23·5	12	2·5	22	80	55	72	70	7·0	7·0	7·5	7·5
February	58·01	11·2	21·2	14·9	13·8	22·3	8·1	26·5	27	4·0	3	73	39	61	67	7·3	6·6	7·6	7·2
March	53·94	17·4	28·1	21·3	20·0	29·2	13·4	38·0	4	9·5	12	62	32	48	55	9·1	9·0	9·1	9·1
April	53·21	20·8	30·4	25·3	23·2	31·6	16·1	40·7	25, 26	11·5	6	49	23	33	41	8·9	7·3	7·8	8·0
May	53·40	24·7	34·3	29·3	27·0	35·0	19·9	45·0	17	16·2	24	49	27	34	42	11·3	10·9	10·3	10·8
June	49·74	2 ·1	38·8	33·5	31·0	39·8	23·4	45·0	22	18·0	3	56	36	41	48	15·8	18·6	16·1	16·8
July	49·87	28·1	39·9	33·5	30·6	37·9	24·0	42·3	12	21·3	21	61	39	43	52	17·2	17·8	16·3	17·1
August	51·38	26·8	34·5	31·1	28·9	35·3	23·2	41·1	2	20·8	13	64	45	51	58	16·5	17·6	17·2	17·2
September	52·86	23·7	30·6	27·8	26·0	31·4	21·7	38·6	16	18·4	30	80	58	63	72	17·4	19·0	17·5	18·0
October...	56·96	20·1	26·5	23·2	21·8	27·4	17·6	29·9	17	15·9	31	82	66	71	76	14·3	16·9	15·0	15·4
November	56·24	17·7	25·0	20·0	19·4	25·8	14·8	30·6	15	12·0	19, 30	82	59	73	78	12·3	13·9	12·7	13·0
December	57·87	13·2	20·9	15·4	15·0	21·7	10·6	23·8	17	7·6	31	78	53	75	76	8·8	9·7	9·8	9·4
Year	754·43	20·1	28·7	23·9	22·3	29·6	16·6	—	—	—	—	68	44	55	62	12·2	13·0	12·2	12·5

; **MINYA for the year 1916.**

= 43·0 m. h_t =1·8 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
										Number of observations in which the wind-direction was recorded as									
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	8 h. Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0·8	—	—	—	—	—	—	—	—	4·4	14	14	—	—	—	—	—	—	1	11·91
0·0	—	—	—	—	—	—	—	—	3·0	23	—	4	—	—	—	—	—	3	11·89
0·0	—	—	—	—	—	—	—	—	4.1	13	—	9	—	—	—	—	2	4	9·61
0·0	—	—	—	—	—	—	—	—	3·8	12	—	8	—	—	—	—	3	5	5·87
0·2	—	—	—	—	—	—	—	—	4·8	16	—	12	—	—	—	—	2	—	5·80
—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
2·5	—	—	—	—	—	—	—	—	3·7	10	—	7	—	—	—	—	6	6	1·90
1·6	—	—	—	—	—	—	—	—	3·0	10	—	9	—	—	—	—	6	5	1·48
—	—	—	—	—	—	—	—	—		—	—	—	—	—	—		—	—	—

at ASYUT for the year 1916.

H = 55·4 m. h_t = 2·0 m. C_h = + 4·8 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
										Number of observations in which the wind-direction was recorded as									
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	Mean of day Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
0·7	1·0	0·8	0·8	—	—	—	—	—	1·8	4	3·5	—	3	2	2	28	50·5	—	2·59
0·9	0·9	0·9	0·9	—	—	—	—	—	1·8	10·5	0·5	0·5	4·5	4·5	1	25	40·5	—	3·77
0·6	0·8	0·5	0·6	—	—	—	—	—	2·3	12	1·5	2·5	7·5	5·5	2	22·5	30·5	—	6·01
0·7	1·2	1·1	1·0	—	—	—	—	—	2·7	18·5	2·5	0·5	2·5	2·5	2·5	18·5	42·5	—	0·40
0·8	0·7	0·7	0·7	—	—	—	—	—	3·2	22	1·5	—	2·5	2·5	1	22	41·5	—	12·01
0·1	0·1	0·1	0·1	—	—	—	—	—	2·0	27	1·5	0·5	—	1	1·5	16	42·5	—	15·41
0·0	0·1	0·0	0·0	—	—	—	—	—	3·0	37·5	3	—	—	—	—	8·5	44	—	16·09
0·2	0·0	0·0	0·1	—	—	—	—	—	3·5	36·5	2	—	—	—	—	8	46·5	—	12·86
0·0	0·0	0·0	0·0	—	—	—	—	—	3·5	19·5	2·5	—	—	—	—	24·5	43·5	—	9·07
0·2	0·1	0·0	0·1	—	—	—	—	—	2·0	20·5	2	—	—	—	0·5	25·5	44·5	—	5·34
3·1	2·9	1·2	2·4	—	—	—	—	—	2·5	7·5	—	—	0·5	0·5	0·5	36	45	—	2·34
1·2	1·5	0·9	1·2	—	—	—	—	—	2·7	11·5	1·5	1	1·5	3	1·5	32	41	—	2·24
0·7	0·8	0·5	0·7	—	—	—	—	—	2·8	227	22	5	22	21·5	12·5	266·5	521·5	—	8·19

Summary of Meteorological Observations

$\varphi = 26° 10'$ N. $\lambda = 32° 43'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	12·6	—	—	13·4	20·3	6·4	25·1	13	3·8	22, 23	62	—	—	—	6·8	—	—	—
February	—	14·3	—	—	16·8	25·3	8·3	29·6	28	5·3	2	62	—	—	—	7·6	—	—	—
March	—	20·2	—	—	22·8	31·9	13·7	38·0	5	9·1	14	49	—	—	—	8·7	—	—	—
April	—	23·8	—	—	25·6	34·8	16·3	41·5	28	9·9	7	41	—	—	—	9·0	—	—	—
May	—	28·1	—	—	29·7	38·9	20·5	45·8	18	16·9	4	44	—	—	—	12·3	—	—	—
June	—	31·5	—	—	33·2	43·0	23·5	43·8	23	19·1	1	38	—	—	—	13·1	—	—	—
July	—	32·0	—	—	33·2	41·9	24·6	44·6	27	22·3	24	43	—	—	—	15·3	—	—	—
August	—	30·0	—	—	31·9	39·8	24·0	44·5	1	20·9	13	50	—	—	—	16·5	—	—	—
September	—	28·6	—	—	29·1	36·5	21·7	40·8	17	17·2	30	57	—	—	—	16·5	—	—	—
October	—	24·0	—	—	25·8	32·9	18·8	36·3	17	16·1	11	59	—	—	—	13·0	—	—	—
November	—	21·8	—	—	—	31·9	—	36·6	12	—	—	59	—	—	—	11·5	—	—	—
December	—	16·8	—	—	18·0	25·7	10·2	27·7	17	5·4	31	60	—	—	—	8·7	—	—	—
Year	—	23·7	—	—	25·4	33·6	17·1	—	—	—	—	52	—	—	—	11·6	—	—	—

Summary of Meteorological Observations

$\varphi = 25° 18'$ N. $\lambda = 32° 34'$ E. of Greenwich

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	11·8	19·2	12·0	12·4	19·3	6·7	25·0	1, 13	4·0	12, 22	60	40	59	60	6·2	6·6	6·2	6·5
February	—	14·4	24·0	15·0	15·2	24·2	7·4	28·0	5	5·0	Several dates	56	33	55	56	6·9	7·5	7·0	7·1
March	—	20·9	30·9	19·7	20·7	31·1	11·2	38·0	5, 30	6·5	20	38	28	42	40	6·9	9·2	7·1	7·7
April	—	24·8	33·5	23·2	24·0	34·3	14·6	41·6	29	10·0	16	32	25	38	35	7·6	9·6	8·0	8·4
May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

t QENA for the year 1916.

[= 73·0 m. h_t = 1·7 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·9	—	—	—	—	—	—	—	—	2·0	—	—	—	—	—	—	—	31	—	2·62
0·3	—	—	—	—	—	—	—	—	2·1	—	—	—	—	—	—	—	29	—	3·25
0·0	—	—	—	—	—	—	—	—	2·1	—	—	—	—	—	—	—	31	—	5·37
0·5	—	—	—	—	—	—	—	—	2·2	3	1·5	3·5	0·5	0·5	1·5	1	18·5	—	7·50
0·5	—	—	—	—	—	—	—	—	2·6	9·5	1	0·5	3·5	1·5	3	2·5	9·5	—	9·16
0·0	—	—	—	—	—	—	—	—	2·1	9	1	—	—	1	2	11	6	—	10·14
0·0	—	—	—	—	—	—	—	—	2·5	5	—	—	—	3	1·5	11·5	10	—	9·82
0·0	—	—	—	—	—	—	—	—	2·3	10	—	—	—	1	1	6	13	—	7·94
0·0	—	—	—	—	—	—	—	—	2·0	10	—	—	—	—	1	4	15	—	5·76
0·0	—	—	—	—	—	—	—	—	2·1	1	—	—	1	—	—	6	21	—	3·73
1·7	—	—	—	—	—	—	—	—	2·1	—	—	—	—	—	—	2	28	—	3·12
0·5	—	—	—	—	—	—	—	—	2·0	—	—	—	—	—	—	—	31	—	2·54
3·7	—	—	—	—	—	—	—	—	2·2	47·5	3·5	4	5	7	10	44	243	—	5·91

at ESNA for the year 1916.

H = 82·0 m. h_t = 1·6 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
8 h.	14 h.	20 h.	Mean	Total mm.	Maximom 1 day Amount	Maximom 1 day Date	≥ 0·1 mm. of rain	≥ 1·0 mm. of rain	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
1·3	1·0	0·7	1·0	—	—	—	—	—	1·5	69	16	—	—	1	1	—	3	—	1·42
1·3	0·9	0·6	0·9	—	—	—	—	—	1·7	61	19	—	—	—	—	1	6	—	1·66
0·9	1·4	0·6	0·9	—	—	—	—	—	1·7	54	27	—	1	3·5	0·5	1	6	—	3·02
0·8	1·0	1·2	1·0	—	—	—	—	—	1·9	49·5	18	3·5	3·5	2	2	1	10·5	—	5·69
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observations

$\varphi = 24° 2'$ N. $\lambda = 32° 53'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	754·77	12·1	20·3	16·5	14·6	21·4	9·5	29·0	13	5·4	27	49	29	26	38	5·2	5·1	3·6	4·6
February	52·68	15·1	25·4	21·0	18·5	27·1	12·4	32·7	28	10·3	3,10,19	49	25	21	35	6·3	5·9	3·9	5·4
March	49·44	2[illegible]·5	31·8	26·7	24·0	33·9	16·8	41·4	6	12·5	12,22	41	25	20	30	7·4	8·9	5·4	7·2
April	47·82	24·5	35·1	30·0	27·3	37·0	16·5	43·2	28	15·2	20	36	27	20	28	8·3	11·7	6·5	8·8
May	47·68	29·2	38·2	32·7	31·0	39·9	24·0	47·0	17	20·8	24	37	33	29	33	11·1	16·6	10·8	12·8
June	44·24	32·8	42·2	36·8	34·6	41·0	2[illegible]·5	47·6	23	22·9	2	38	33	30	34	14·1	20·8	14·0	16·3
July	44·45	32·6	41·7	37·3	34·8	42·9	27·4	45·6	27	25·3	12,21	47	40	41	44	17·0	24·2	19·3	20·2
August	45·98	31·2	40·2	36·1	33·5	41·0	26·6	45·8	26	23·5	14	43	32	35	39	14·0	17·9	15·4	16·0
September	47·61	27·7	36·9	32·7	30·2	38·3	23·4	42·8	17	17·6	30	49	36	35	42	13·5	16·8	12·9	14·4
October...	50·62	23·4	33·7	28·5	26·3	35·1	19·7	38·4	26	17·4	9	49	33	35	42	10·3	13·0	10·0	11·1
November	51·01	21·0	31·1	26·4	24·5	32·5	18·7	36·9	13	15·2	4	48	37	33	40	9·4	12·3	8·4	10·0
December	52·80	16·8	25·3	20·9	19·2	26·7	13·0	31·2	1	10·1	31	48	32	32	40	6·9	7·7	6·0	6·9
Year	749·09	24·0	33·5	28·8	26·5	35·0	19·9	—	—	—	—	44	32	30	37	10·3	13·4	9·7	11·1

Summary of Meteorological Observations

$\varphi = 21° 55'$ N. $\lambda = 31° 19'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	752·93	9·4	22·2	15·4	12·8	21·0	6·0	32·0	13	0·0	27	59	29	41	50	5·2	5·2	5·4	5·3
February	50·50	13·3	26·1	20·3	17·3	27·1	9·4	35·5	8	5·0	20	48	17	28	38	5·5	4·1	4·9	4·8
March	47·15	19·3	33·4	26·4	23·3	34·6	14·1	42·5	7	9·0	13,14,21	37	13	22	30	6·0	5·1	5·7	5·6
April	45·35	24·1	36·1	29·5	27·0	37·4	18·3	43·0	28	12·0	Several dates	29	13	20	24	6·5	5·8	6·1	6·1
May	45·26	28·5	39·0	32·8	30·6	40·3	22·2	47·0	18,19	17·0	12	29	14	20	24	8·5	7·5	7·5	7·8
June	42·64	30·8	42·0	35·4	33·0	43·4	23·6	47·5	24	17·0	3	21	9	15	18	6·9	5·8	6·6	6·4
July	42·89	30·6	40·6	35·4	32·9	41·9	24·9	45·0	13	22·0	Several dates	23	11	17	20	7·6	6·3	7·6	7·2
August	44·23	29·5	39·1	33·8	31·8	40·5	24·7	45·0	26	21·0	14	33	16	26	30	10·0	8·4	10·1	9·5
September	45·52	26·4	36·3	31·1	29·0	37·4	22·0	42·5	1,14	16·0	30	37	17	25	31	9·3	7·6	8·5	8·5
October...	48·40	22·1	33·7	27·5	25·5	34·9	18·6	40·5	16	15·0	1	45	22	32	38	8·8	8·3	8·6	8·6
November	48·24	20·0	30·7	24·9	23·0	31·8	16·3	38·0	15	13·0	3,4,5	48	27	37	42	8·3	8·7	8·5	8·5
December	50·45	14·3	25·8	19·4	17·4	26·7	10·0	30·5	4	5·5	29	54	27	42	48	6·5	6·8	6·9	6·7
Year	746·96	22·4	33·6	27·7	25·3	34·8	17·5	—	—	—	—	39	18	27	33	7·4	6·6	7·2	7·1

t ASWAN for the year 1916.

H = 99·6 m. h_t = 1·3 m. C_h = + 8·5 mm.

Clouds (0—10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amount	Date	Days with ≥0·1 mm. of rain	≥1·0 mm. of rain	Wind Force Mean of day Scale 0·10	Direction — Number of observations in which the wind-direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation Mean of day Wild
2·0	1·5	0·7	1·4	—	—	—	—	—	4·9	42	24	—	—	—	4	3	20	—	5·27
1·0	1·4	1·1	1·2	—	—	—	—	—	3·2	34	22	—	—	3	3	3	22	—	6·89
1·0	1·2	0·6	0·9	—	—	—	—	—	3·2	29	13	—	—	5	9	3	34	—	8·31
1·2	2·7	1·8	1·9	—	—	—	—	—	3·7	29·5	15	—	—	4	10	4	27·5	—	10·58
0·7	1·0	0·8	0·8	—	—	—	—	—	3·8	29·5	26	—	—	2	5	1	29·5	—	11·69
0·0	0·0	0·0	0·0	—	—	—	—	—	2·1	22	6	—	1	7	16	1·5	33·5	3	11·91
0·5	0·7	0·7	0·6	—	—	—	—	—	1·2	36	4	—	—	0·5	3·5	2	31	16	15·06
0·3	0·0	0·0	0·1	—	—	—	—	—	1·0	36	0·5	—	—	—	1·5	6	31	18	14·17
0·0	0·0	0·0	0·0	—	—	—	—	—	1·3	53	0·5	—	—	1	—	3	15·5	17	10·82
0·1	0·0	0·0	0·0	—	—	—	—	—	1·8	59	5	—	—	—	1	—	21	7	9·01
2·1	2·5	1·6	2·1	—	—	—	—	—	1·4	40	18	—	1	—	6	4	11	10	6·83
1·2	1·5	1·1	1·3	—	—	—	—	—	1·1	47	14	—	—	—	1	1	14	16	5·64
0·8	1·0	0·7	0·9	—	—	—	—	—	2·4	457	148	—	2	22·5	60	31·5	290	87	9·68

t WADI HALFA for the year 1916.

H = 128·3 m. h_t = 1·7 m. C_h = + 10·9 mm.

Clouds (0—10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amount	Date	Days with ≥0·1 mm. of rain	≥1·0 mm. of rain	Wind Force Mean of day Scale 0·10	Direction — Number of observations in which the wind-direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
0·9	1·1	1·2	1·1	—	—	—	—	—	1·7	52	6	—	—	0·5	1	1	8·5	24	10·23
0·2	0·4	0·3	0·3	—	—	—	—	—	1·5	43	7	0·5	—	0·5	0·5	—	6·5	29	12·72
0·7	0·7	0·6	0·7	—	—	—	—	—	1·3	42	5	1	—	0·5	1	0·5	7	36	15·90
0·6	1·5	1·0	1·0	—	—	—	—	—	1·8	50	6	2	3	1	1·5	1·5	8	17	19·23
0·6	0·8	0·6	0·7	—	—	—	—	—	1·7	49·5	6	2	2·5	0·5	—	1·5	6	25	22·74
0·0	0·1	0·4	0·2	—	—	—	—	—	1·0	23·5	2·5	—	—	1	2·5	3·5	6	51	24·30
1·3	1·5	1·0	1·3	—	—	—	—	—	1·2	41	3·5	—	—	—	—	3·5	12	33	24·81
1·1	0·8	0·5	0·8	—	—	—	—	—	1·1	39	2	—	0·5	1	1·5	3	7	39	20·84
0·7	0·3	0·1	0·4	—	—	—	—	—	1·3	40·5	3	—	—	—	—	1·5	14	31	19·47
0·0	0·0	0·0	0·0	—	—	—	—	—	0·9	23·5	1·5	0·5	—	—	—	—	6·5	61	17.03
0·6	1·1	0·5	0·7	—	—	—	—	—	0·9	31	2	1	—	0·5	0·5	0·5	3·5	51	12·87
0·3	0·7	0·5	0·5	—	—	—	—	—	1·2	45	6·5	—	—	—	—	—	4·5	37	9·55
0·6	0·8	0·6	0·6	—	—	—	—	—	1·3	480	51	7	6	5·5	8·5	16·5	89·5	434	17·47

Summary of Meteorological Observation

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	22·0	24·6	20·1	20·4	26·3	15·1	30·6	1	9·5	27	59	57	70	64	11·5	13·2	12·2	12·3
February	—	23·0	25·6	21·2	21·4	26·8	15·3	28·2	9	12·2	27	54	53	67	60	11·2	13·0	12·6	12·3
March	—	*26·1*	*28·5*	*24·0*	*24·1*	*29·7*	*17·3*	*34·5*	*30*	*11·1*	*14*	*39*	*56*	*74*	*66*	*14·7*	*16·0*	*16·3*	*15·7*
April	—	28·6	30·6	26·2	26·4	32·2	20·4	36·3	26, 28	15·4	12	58	58	78	68	16·9	18·9	19·7	18·5
May	—	32·3	33·3	*28·0*	*28·9*	36·0	21·9	41·6	16	17·6	4	—	—	—	—	—	—	—	—
June	—	35·7	36·6	30·9	32·0	40·6	25·0	46·6	22	21·1	2	*38*	47	69	*54*	*16·3*	21·2	22·8	*20·1*
July	—	36·2	37·9	33·0	33·7	40·9	27·8	48·9	9	24·7	12	43	40	57	50	18·9	19·7	21·5	20·0
August	—	35·4	36·7	32·1	32·9	40·6	27·4	44·0	26	22·9	22	42	43	62	52	17·5	19·4	21·8	19·6
September	—	34·1	35·3	30·2	31·0	38·5	24·6	44·3	13	22·5	19	38	46	65	52	14·8	19·2	20·7	18·2
October	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November	—	28·0	29·8	26·3	26·6	30·8	22·1	32·9	11	18·6	29	66	60	74	70	18·4	18·6	18·8	18·6
December	—	24·8	27·1	23·2	23·5	27·8	18·9	30·4	8	12·7	27	57	55	71	64	13·3	14·6	14·9	14·3
Year	—	29·7	31·5	26·8	27·4	33·7	21·5	—	—	—	—	*51*	*52*	*69*	*60*	*15·4*	*17·4*	*18·1*	*17·[illegible]*

Summary of Meteorological Observation

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	760·87	22·0	24·7	21·5	21·4	26·2	17·5	30·5	14	12·9	29	66	63	75	70	13·3	15·9	14·7	14·6
February	59·84	22·6	25·2	22·0	21·8	26·7	17·2	29·8	16	13·4	29	65	67	77	72	13·6	15·9	15·2	14·9
March	57·31	25·6	27·5	24·3	24·1	29·6	19·1	33·6	31	14·2	16	62	61	72	67	15·1	16·6	16·3	16·0
April	55·67	28·3	29·5	25·9	26·2	31·9	21·1	37·0	26	17·3	4	58	58	72	65	16·4	17·6	17·8	17·3
May	55·11	31·9	32·4	28·4	28·9	35·2	23·0	42·5	16	19·9	9	44	53	68	56	14·9	18·8	19·4	17·7
June	51·96	36·4	37·4	32·1	33·2	41·3	26·8	47·0	23	22·6	2, 9	37	41	53	45	15·6	18·2	18·3	17·4
July	51·22	37·3	39·4	34·8	35·7	42·9	31·3	46·8	9	26·3	5, 6	36	37	50	43	16·8	19·4	20·3	18·8
August	52·98	35·6	37·7	33·6	34·1	40·8	29·4	45·0	10	25·2	20, 31	44	42	57	50	18·7	20·3	21·7	20·2
September	54·07	34·0	35·3	31·0	31·6	37·6	26·1	43·0	15	21·1	14	48	47	66	57	18·2	19·4	21·7	19·8
October	57·79	29·2	31·0	27·4	27·8	35·4	23·8	37·0	3	20·6	22	68	64	79	74	20·4	21·1	21·6	21·0
November	58·47	27·5	29·4	26·9	26·8	30·8	23·6	32·5	Several dates	19·5	29	77	72	81	79	21·1	22·1	21·4	21·5
December	59·12	25·1	27·4	24·6	24·7	28·4	21·6	30·5	5	18·0	27, 30	73	72	78	76	17·5	19·7	18·0	18·4
Year	756·20	29·6	31·4	27·7	28·0	33·7	23·4	—	—	—	—	57	57	69	63	16·8	18·8	18·9	18·1

t DONGONAB for the year 1916.

I = 5·0 m. h_t = 1·6 m. h_r = 1·3 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorde l as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
3·2	2·5	1·7	2·5	Drops	Drops	2	—	—	2·0	30	8·5	1·5	6·5	3	—	1	27·5	15	10·59
1·5	1·0	0·8	1·1	Drops	Drops	9	—	—	1·9	27	12	2	8	1	—	—	23	14	9·43
1·7	*1·1*	*0·3*	*1·0*	*0·0*	*0·0*	—	—	—	*1·7*	*23·5*	*11*	*1*	*16*	*2*	—	*0·5*	*7*	*23*	*7·74*
1·3	1·4	0·9	1·2	Drops	Drops	29	—	—	1·7	24·5	10·5	1·5	17·5	2	—	—	5	28	9·52
1·1	1·8	1·1	1·3	22·0	22·0	4	1	1	*1·8*	31·5	18	4·5	3	—	—	1	10	19	13·79
0·3	0·6	0·2	0·4	0·0	0·0	—	—	—	1·7	21	18	6	5·5	1	2	5	8·5	23	18·14
2·8	2·2	1·5	2·2	1·2	1·2	30	1	1	1·6	19	14·5	14·5	5·5	5	2	6	4·5	21	17·51
2·1	2·0	1·9	2·0	0·0	0·0	—	—	—	1·4	20	14	5·5	3·5	0·5	0·5	5	5	39	16·26
1·4	1·1	0·8	1·1	0·0	0·0	—	—	—	1·7	44·5	9·5	1·5	0·5	—	—	—	8	26	17·28
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3·8	3·5	1·9	3·1	67·7	35·7	3	5	4	0·9	8	7	7	11·5	5	1·5	—	3	47	6·64
2·5	2·5	2·5	2·5	2[illegible]·4	19·1	24	2	2	1·5	2[illegible]·5	10·5	3	1·5	1	0·5	2·5	24·5	20	10·39
2·0	1·8	1·2	1·7	111·3	—	—	9	8	1·6	278·5	133·5	48	79	20·5	6·5	21	126	275	12·48

at PORT SUDAN for the year 1916.

H = 5·9 m. h_t = 1·6 m. h_r = 1·1 m. C_h = + 0·5 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
2·7	2·5	2·0	2·4	2·0	2·0	12	1	1	2·9	25	27·5	6	7	—	—	9	13·5	5	7·82
3·1	2·4	1·7	2·4	0·0	0·0	—	—	—	3·5	13	28	6	6	2	2	8	18	4	7·32
2·1	1·1	0·6	1·3	0·0	0·0	—	—	—	2·6	26	24	16·5	6·5	1·5	1	4	6·5	7	6·92
1·8	0·6	0·5	1·0	Drops	Drops	13, 29	—	—	3·0	15·5	43·5	12	10·5	0·5	—	—	4	4	9·09
1·5	2·1	1·7	1·8	Drops	Drops	3	—	—	2·4	14	36·5	24	2	2·5	1	1	—	10	9·85
0·7	1·4	1·4	1·2	Drops	Drops	19, 25, 27	—	—	2·5	9	15·5	24·5	4	—	1·5	13	6·5	16	16·06
2·8	2·3	1·8	2·3	2·4	2·4	29	1	1	2·5	1·5	15·5	22	7	0·5	4·5	23	7	12	17·97
2·1	2·4	1·5	2·0	0·0	0·0	—	—	—	2·7	2	10·5	40·5	4	1·5	5	25·5	4	—	14·42
1·9	2·4	1·2	1·8	0·0	0·0	—	—	—	2·6	5·5	15·5	57	5	3·5	0·5	1·5	1·5	—	11·72
2·6	2·0	1·6	2·1	0·0	0·0	—	—	—	2·6	27	23·5	30	—	—	—	6	6·5	—	7·54
4·7	4·2	3·7	4·2	148·0	70·0	3	6	6	2·5	22	9·5	36·5	4·5	—	—	12·5	5	—	6·08
4·3	4·2	3·3	3·9	15·5	10·0	2	3	3	3·5	41·5	12	22	2	—	—	6	9·5	—	7·65
2·5	2·3	1·8	2·2	167·9	—	—	11	11	2·8	202	261·5	297	58·5	12	15·5	109·5	82	58	10·20

Summary of Meteorological Observations

φ=19° 8′ N. λ = 30° 28′ E. of Greenwich

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean,	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	—	—	7·4	—	—	8·5	27	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	11·0	—	—	6·7	21	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	15·2	—	—	9·0	13, 21	—	—	—	—	—	—	—	—
April	—	—	—	—	30·3	40·8	19·8	45·4	29	14·1	17,19,22	—	—	—	—	—	—	—	—
May...	—	—	—	—	32·2	41·9	22·6	47·5	19	19·4	11	—	—	—	—	—	—	—	—
June	—	—	—	—	33·6	43·3	23·9	47·8	25	20·4	2	—	—	—	—	—	—	—	—
July	—	—	—	—	34·9	43·8	26·0	47·8	10	20·4	5	—	—	—	—	—	—	—	—
August	—	—	—	—	34·8	43·2	26·5	44·9	Several dates	22·7	8	—	—	—	—	—	—	—	—
September	—	—	—	—	32·3	40·8	23·8	44·9	15	18·6	27	—	—	—	—	—	—	—	—
October	—	—	—	—	29·2	39·0	19·5	41·2	3	16·1	25, 27	—	—	—	—	—	—	—	—
November	—	—	—	—	27·1	37·8	16·4	39·9	25	12·9	3	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	10·3	—	—	7·0	17	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	18·5	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	762·17	22·0	—	—	22·0	25·7	18·4	29·6	14	18·7	28	59	—	—	—	11·5	—	—	—
February	61·11	22·9	—	—	22·6	26·1	19·0	29·1	29	14·8	28	63	—	—	—	13·0	—	—	—
March	58·86	25·9	—	—	25·0	28·9	21·0	34·5	31	17·0	15	64	—	—	—	15·7	—	—	—
April	56·52	28·5	—	—	27·0	31·2	22·7	35·5	26	18·8	3	58	—	—	—	16·8	—	—	—
May	56·48	31·8	—	—	29·7	34·5	24·9	39·2	18	21·0	18	44	—	—	—	15·5	—	—	—
June	53·31	36·2	—	—	35·0	41·4	28·7	47·0	23	23·8	3	36	—	—	—	16·2	—	—	—
July	53·12	36·4	—	—	37·0	43·3	30·8	47·0	9	21·7	30	37	—	—	—	16·9	—	—	—
August	54·61	35·4	—	—	36·0	41·5	30·4	44·6	6	27·3	22	42	—	—	—	17·9	—	—	—
September	55·48	34·9	—	—	32·6	38·2	27·0	42·4	9	24·3	27	42	—	—	—	17·2	—	—	—
October	59·30	29·3	—	—	27·8	32·1	23·6	34·8	2	20·9	11	65	—	—	—	19·7	—	—	—
November	59·52	28·1	—	—	27·1	30·8	23·4	33·5	3	19·1	27	70	—	—	—	19·6	—	—	—
December	60·31	24·7	—	—	24·4	28·0	20·8	30·2	8,9	17·6	28	66	—	—	—	15·4	—	—	—
Year	757·57	29·7	—	—	28·8	33·5	24·2	—	—	—	—	54	—	—	—	16·3	—	—	—

at DONGOLA for the year 1916.

H = 236·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7·55
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11·30
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12·16
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13·74
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14·00
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14·05
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18·44
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16·65
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15·05
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12·62
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10·77
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6·76
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12·76

at SUAKIN for the year 1916.

H = 4·5 m. h_t = 1·5 m. h_r = 1·3 m. C_h = +0·4 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
4·6	—	—	—	2·2	1·7	12	2	1	2·6	—	—	—	—	—	2	14	14	1	4·51
5·3	—	—	—	3·6	3·6	17	1	1	2·8	—	1	0·5	0·5	—	2	13·5	11·5	—	4·33
3·9	—	—	—	0·0	0·0	—	—	—	1·7	2	—	0·5	0·5	—	—	8	17	3	4·54
3·3	—	—	—	0·0	0·0	—	—	—	2·0	5	2	0·5	—	—	—	5·5	15	2	5·56
2·2	—	—	—	20·4	20·4	3	1	1	1·8	11	2	—	—	1	—	4·5	9·5	3	7·29
1·1	—	—	—	0·0	0·0	—	—	—	4·0	2·5	3·5	—	1·5	15·5	0·5	2	4·5	—	15·06
3·0	—	—	—	24·6	24·6	29	1	1	4·6	0·5	—	0·5	13·5	15	1	—	0·5	—	17·86
4·5	—	—	—	15·5	15·5	13	1	1	2·9	2	2	2	8	9	4·5	—	1·5	2	13·69
2·4	—	—	—	0·0	0·0	—	—	—	1·4	5·5	3	2·5	1	3·5	1·5	2·5	5·5	5	9·09
3·9	—	—	—	0·0	0·0	—	—	—	1·9	3	—	—	—	—	—	5	23	—	5·02
5·8	—	—	—	201·9	84·3	3	9	8	1·9	8	5	—	—	—	1	3·5	8·5	4	4·58
5·6	—	—	—	26·1	16·1	20	5	5	2·4	0·5	1	—	—	—	—	15·5	13	1	4·74
3·8	—	—	—	294·3	—	—	20	18	2·5	40	19·5	6·5	25	44	12·5	74	123·5	21	8·02

Summary of Meteorological Observations

$\varphi = 18° 56' N.$ $\lambda = 36° 51' E.$ of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade)										Relative Humidity (%)				Vapour Pressure (mm.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	29·2	35·3	23·1	39·3	22	17·8	3	—	—	—	—	—	—	—	—
September	—	—	—	—	29·4	36·5	22·2	38·9	14, 19	18·4	30	—	—	—	—	—	—	—	—
October...	—	—	—	—	23·8	30·9	16·8	34·0	2	12·9	21	—	—	—	—	—	—	—	—
November	—	—	—	—	22·8	27·1	18·6	30·5	2	15·0	24, 30	—	—	—	—	—	—	—	—
December	—	—	—	—	—	24·5	—	29·4	25	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observations

$\varphi = 18° 50' N.$ $\lambda = 37° 6' E.$ of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade)										Relative Humidity (%)				Vapour Pressure (mm.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	25·7	—	—	27·4	32·6	22·2	37·6	6	17·0	30	63	—	—	—	15·4	—	—	—
August	—	25·4	—	—	26·8	31·7	21·8	36·9	23	19·3	11	62	—	—	—	14·8	—	—	—
September	—	27·1	—	—	26·9	33·5	20·3	38·7	19	17·1	24	49	—	—	—	13·0	—	—	—
October...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

t GEBEIT for the year 1916.

$h_t = 1{\cdot}8$ m. $h_r = 1{\cdot}5$ m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	—	2·4	1·3	12	2	2	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·4	0·4	7	1	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	1·8	1·8	12	1	1	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	13·6	11·0	26	3	3	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	14·6	9·7	29	3	2	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	73·5	35·5	13	10	7	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	50·9	37·0	29	3	2	—	—	—	—	—	—	—	—	—	—	8·67
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	8·41
—	—	—	—	0·9	0·9	2	1	—	—	—	—	—	—	—	—	—	—	—	4·73
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	4·02
—	—	—	—	158·1	—	—	24	17	—	—	—	—	—	—	—	—	—	—	—

at ERKOWIT for the year 1916.

$H = 1093{\cdot}5$ m. $h_t = 1{\cdot}4$ m. $h_r = 1{\cdot}4$ m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0·0	—	—	—	48·7	39·5	29	2	2	3·0	—	—	—	—	1	28	2	—	—	15·15
2·3	—	—	—	24·0	20·0	24	2	2	2·8	—	—	—	—	1	28	—	—	2	11·47
1·0	—	—	—	0·0	0·0	—	—	—	2·0	—	2	—	—	—	21	—	—	7	8·69
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observation

$\varphi = 18^\circ\ 29'$ N. $\lambda = 31^\circ\ 50'$ E. of Greenwic

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	740·35	13·7	25·0	18·7	16·8	26·4	10·0	35·2	15	5·8	29	40	19	26	33	4·8	4·7	4·4	4·6
February	38·16	18·0	31·1	23·7	21·6	32·6	13·7	40·4	8	10·2	26	27	10	18	22	4·1	3·6	4·0	3·9
March	35·55	23·9	36·1	28·3	26·6	37·9	18·0	42·6	7	12·4	13	20	7	12	16	4·4	3·3	3·6	3·8
April	33·90	29·0	39·3	32·4	30·6	40·0	21·9	46·0	28	16·0	21	13	7	11	12	4·2	3·7	4·1	4·0
May	33·88	32·3	41·2	34·6	33·3	43·6	25·0	47·7	19	19·3	14	14	6	10	12	5·2	3·9	4·2	4·4
June	32·56	32·4	41·8	35·6	34·1	43·8	26·6	46·7	4,25	23·0	3	24	11	15	20	8·7	6·5	6·2	7·1
July	32·57	32·5	41·4	35·7	34·4	43·5	28·2	47·0	10	25·0	31	34	16	23	28	11·9	9·0	9·7	10·2
August	33·76	30·8	39·3	34·5	32·8	41·5	26·5	44·3	20,22,31	23·0	2,10	44	19	25	34	14·1	9·7	9·0	11·2
September	34·22	30·5	39·7	33·9	32·6	41·5	26·1	45·5	14	22·5	1,27,29	31	17	22	26	10·1	8·9	8·6	9·2
October...	35·90	27·8	38·6	31·6	30·2	40·8	22·8	44·3	2	19·4	24	23	12	20	22	6·3	6·3	6·7	6·4
November	36·26	24·9	34·8	27·7	26·8	36·3	19·9	39·1	14	14·0	5	37	19	29	33	8·7	7·8	8·0	8·2
December	38·22	19·4	30·1	22·8	21·8	31·5	15·1	35·9	1	10·8	27	34	17	28	31	5·6	5·6	5·8	5·7
Year	735·44	26·3	36·5	30·0	28·5	38·4	21·2	—	—	—	—	28	13	20	24	7·3	6·1	6·3	6·6

Summary of Meteorological Observations

$\varphi = 18^\circ\ 25'$ N. $\lambda = 37^\circ\ 40'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	24·8	32·1	17·6	35·0	13	10·0	30,31	—	—	—	—	—	—	—	—
February	—	22·8	—	—	24·5	31·9	17·1	33·0	Several dates	12·0	2	56	—	—	—	11·6	—	—	—
March	—	25·9	—	—	27·6	35·1	20·1	38·0	27,28,29	15·0	Several dates	71	—	—	—	17·4	—	—	-
April	—	27·2	—	—	28·2	35·3	21·2	44·5	15	16·0	5	72	—	—	—	19·4	—	—	—
May...	—	31·5	—	—	31·0	38·1	23·9	45·0	21	18·0	4	55	—	—	—	18·9	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	34·7	—	—	36·4	44·9	27·9	46·0	14	25·0	Several dates	44	—	—	—	17·7	—	—	—
August	—	29·3	—	—	31·6	40·2	23·0	45·0	1,2	19·0	30	67	—	—	—	20·5	—	—	—
September	—	33·3	—	—	30·9	40·5	21·3	43·0	18	17·0	27,28	47	—	—	—	17·8	—	—	—
October	—	29·9	—	—	—	—	17·0	—	—	15·0	4,19,22	62	—	—	—	19·3	—	—	—
November	—	28·4	—	—	25·0	33·6	16·5	36·0	3	13·0	25,30	64	—	—	—	18·3	—	—	—
December	—	24·0	—	—	21·7	29·3	14·1	31·5	Several dates	12·5	27	66	—	—	—	14·6	—	—	—
Year	—	28·7	—	—	28·2	36·1	20·0	—	—	—	—	60	—	—	—	17·6	—	—	—

at MEROWE for the year 1916.

H = 255·1 m. h_t = 1·5 m. C_h = + 21·3 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
1·1	1·0	0·2	0·8	—	—	—	—	—	3·3	43	13·5	—	—	0·5	3·5	5	27·5	—	13·06
0·4	0·9	0·2	0·5	—	—	—	—	—	3·3	48·5	15·5	—	1	—	0·5	3·5	18	—	17·06
0·4	0·5	0·0	0·3	—	—	—	—	—	2·9	36·5	13	0·5	—	0·5	8·5	5	29	—	18·31
0·7	1·3	0·9	1·0	—	—	—	—	—	3·2	18·5	17	2	4	2·5	14	10·5	21·5	—	19·55
0·8	1·2	1·0	1·0	—	—	—	—	—	3·3	23·5	12·5	4	1	4	22	10	16	—	21·87
1·6	1·3	0·9	1·3	—	—	—	—	—	2·4	10·5	3·5	0·5	3·5	7·5	48	13	3·5	—	20·49
4·5	3·7	3·1	3·8	—	—	—	—	—	2·5	10	—	1	3	11	50·5	11	6·5	—	18·66
3·4	3·5	3·2	3·4	—	—	—	—	—	2·4	11·5	2	—	1·5	8	52	13	5	—	16·54
2·0	1·4	1·8	1·7	—	—	—	—	—	3·0	18·5	5	—	0·5	4	23	13	26	—	18·67
0·0	1·0	0·7	0·6	—	—	—	—	—	3·5	48·5	15	1·5	1	—	2	8	17	—	19·13
0·5	1·3	0·5	0·8	—	—	—	—	—	3·2	36·5	10·5	—	1	—	2·5	10	29·5	—	14·39
0·3	0·3	0·1	0·2	—	—	—	—	—	3·2	42·5	6	1	—	—	6	9·5	28	—	12·58
1·3	1·4	1·0	1·3	—	—	—	—	—	3·0	348	113·5	10·5	16·5	38	232·5	111·5	227·5	—	17·53

at TOKAR for the year 1916.

H = 18·0 m. h_t = 1·6 m. h_r = 1·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
5·1	—	—	—	4·3	4·3	12	1	1	2·9	26	—	—	—	—	—	5	—	—	7·16
7·8	—	—	—	1·0	1·0	9	1	1	2·6	28	—	—	—	—	—	1	—	—	6·34
1·9	—	—	—	Drops	Drops	24,25,27	—	—	3·0	27	—	—	—	—	—	—	—	4	7·11
2·0	—	—	—	Drops	Drops	14,30	—	—	2·5	28	—	—	—	—	—	—	—	2	8·18
1·0	—	—	—	0·0	0·0	—	—	—	2·7	—	—	—	27	—	—	—	—	4	9·89
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9·4	—	—	—	0·0	0·0	—	—	—	5·7	—	—	—	—	31	—	—	—	—	29·71
9·9	—	—	—	0·0	0·0	—	—	—	5·2	—	—	—	—	31	—	—	—	—	30·29
8·5	—	—	—	Drops	Drops	16,18,20	—	—	4·7	1	—	—	—	29	—	—	—	—	28·87
0·0	—	—	—	0·0	0·0	—	—	—	1·9	15	—	—	—	—	—	—	—	16	10·42
0·0	—	—	—	9·0	6·0	30	2	2	2·5	24	—	—	—	—	—	—	—	6	10·78
0·0	—	—	—	37·5	18·1	15	4	4	1·2	12	—	—	—	—	—	—	—	19	8·63
4·1	—	—	—	51·8	—	—	8	8	3·2	161	—	—	27	91	—	6	—	51	14·31

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	730·23	15·4	26·0	19·2	18·0	27·1	11·6	35·0	15	7·5	10, 29	39	20	28	34	5·2	5·1	4·8	5·0
February	28·22	19·0	31·4	24·0	22·1	32·7	14·0	37·5	14	10·5	23	39	17	25	32	6·4	5·7	5·6	5·9
March	26·25	23·9	35·5	27·8	26·0	36·5	16·9	41·5	8	12·5	21	23	8	16	20	5·1	3·6	4·2	4·3
April	24·82	28·6	38·8	31·0	29·9	40·1	21·1	44·0	13	16·0	22	19	8	15	17	5·8	3·8	5·1	4·9
May	24·90	31·6	40·2	33·8	32·5	41·5	24·5	44·0	19, 21	20·0	11	20	8	13	16	6·9	4·4	5·1	5·5
June	23·92	32·4	40·6	34·8	33·7	41·6	27·0	44·0	8, 9	22·0	2	31	14	19	25	11·0	7·8	8·0	8·9
July	24·78	29·8	37·8	33·1	31·7	38·3	26·1	42·5	1	21·0	31	47	22	31	39	14·3	10·1	11·2	11·9
August	25·73	29·5	36·8	32·1	31·0	—	25·4	—	—	20·0	7	53	26	37	45	15·9	11·8	13·3	13·7
September	25·50	30·3	38·8	34·3	32·2	40·0	25·2	42·5	15	19·0	6	39	17	27	33	12·2	8·7	10·7	10·5
October	26·84	28·6	37·4	30·5	29·7	38·4	22·2	41·3	2	17·0	22	29	13	25	27	8·4	6·4	8·1	7·6
November	26·96	25·4	34·2	27·9	26·9	35·2	20·0	37·4	8	16·5	Several dates	39	19	30	34	9·5	7·8	8·4	8·6
December	28·61	20·1	29·7	22·6	21·8	30·6	14·9	33·5	6, 8, 10	10·0	27	40	20	32	36	7·2	6·4	6·6	6·7
Year	726·40	26·2	35·6	29·3	28·0	36·5	20·7	—	—	—	—	35	16	25	30	9·0	6·8	7·6	7·8

Summary of Meteorological Observations

φ = 17° 23′ N. λ = 33° 55′ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	10·3	23·1	19·6	16·1	27·3	8·5	35·0	14, 15	3·0	9	60	32	38	49	5·6	7·8	6·5	6·6
February	—	12·3	31·7	24·9	19·9	32·7	10·8	37·0	14	7·0	24	62	29	33	48	6·6	10·0	7·7	8·1
March	—	14·7	35·2	—	24·4	36·3	12·4	40·0	8, 10, 31	7·2	13	53	19	—	—	6·6	8·1	—	—
April	—	18·6	39·3	30·1	26·0	40·3	16·1	44·0	13	11·5	22	45	20	24	34	7·1	10·6	7·6	8·4
May...	—	23·0	40·5	31·8	28·9	41·5	20·3	44·0	19, 25	16·5	Several dates	47	22	28	38	9·7	12·3	9·6	10·5
June	—	27·2	39·8	33·8	31·3	41·4	24·5	44·0	9	17·0	2	56	38	36	46	15·0	20·7	14·2	16·6
July	—	26·8	37·3	32·6	30·5	38·3	25·3	43·0	10	21·0	31	65	37	41	53	16·9	17·8	15·2	16·6
August	—	26·5	36·6	32·3	30·0	37·4	24·8	42·0	21	21·0	3, 4	73	42	45	59	18·7	19·0	16·3	18·0
September	—	25·4	38·4	32·5	29·9	39·2	23·3	41·3	25	19·5	30	71	39	48	60	17·0	19·9	17·5	18·1
October	—	20·1	37·4	30·2	26·5	38·4	18·2	40·5	7	13·5	22	65	31	43	54	11·3	14·9	13·7	13·3
November	—	18·6	34·7	27·2	24·3	35·6	16·6	39·0	1	10·5	5	70	34	43	56	11·1	13·7	11·6	12·1
December	—	13·8	29·6	23·0	19·5	30·6	11·5	34·0	7	5·0	27	60	34	42	51	7·1	10·5	8·8	8·8
Year	—	19·8	35·6	28·9	25·6	36·6	17·7	—	—	—	—	61	31	38	50	11·1	13·8	11·7	12·5

at 'ATBARA for the year 1916.

H = 354·5 m. h_t = 1·6 m. h_r = 1·1 m. C_h = + 29·2 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Wind Force	Direction									
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
8 h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·5	0·4	0·1	0·3	0·0	0·0	—	—	—	2·2	74·5	7	—	—	—	—	1	3·5	7	13·35
0·4	0·2	0·1	0·2	0·0	0·0	—	—	—	2·0	61·5	17	1	—	—	—	—	5·5	2	15·87
0·4	0·3	0·0	0·2	0·0	0·0	—	—	—	1·9	62·5	17	2	—	—	—	—	5·5	6	18·22
0·8	0·6	0·4	0·6	2·3	1·7	29	2	1	1·8	53	12	2·5	2	2·5	4	1	8	5	19·99
1·0	1·8	0·7	1·2	0·0	0·0	—	—	—	1·5	40	3	6	5	5	6	6	9	13	21·24
0·5	2·0	0·9	1·1	0·0	0·0	—	—	—	2·2	4·5	2	6	5	12·5	29	10·5	4·5	16	21·37
1·7	2·0	1·2	1·6	18·2	11·7	29	2	2	1·8	2	—	1	2	28	34	8	1	17	19·24
2·3	2·9	2·7	2·6	31·5	28·5	31	2	2	1·4	2·5	—	2	—	28·5	34	15·5	1·5	9	16·26
1·5	1·2	1·1	1·3	0·0	0·0	—	—	—	1·0	30	1	5	—	19·5	7	19·5	3	5	15·28
0·2	0·8	0·3	0·4	0·0	0·0	—	—	—	0·9	36	24	7	1	2	2	1	4	16	14·97
0·3	0·5	0·2	0·3	0·0	0·0	—	—	—	0·8	41	12·5	4	—	—	—	2	7·5	23	12·93
0·3	0·3	0·1	0·2	0·0	0·0	—	—	—	1·6	71	4	—	—	—	—	—	6	12	12·79
0·8	1·1	0·6	0·8	52·0	—	—	6	5	1·6	478·5	99·5	36·5	15	98	116	64·5	59	131	16·79

at ZEIDAB for the year 1916.

H = 365 m. h_t = 1·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Wind Force	Direction									
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
8 h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	7·30
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	8·40
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	10·11
—	—	—	—	5·2	5·2	30	1	1	—	—	—	—	—	—	—	—	—	—	12·74
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	13·05
—	—	—	—	8·0	8·0	29	1	1	—	—	—	—	—	—	—	—	—	—	14·56
—	—	—	—	25·7	15·0	31	3	3	—	—	—	—	—	—	—	—	—	—	12·15
—	—	—	—	18·4	15·4	2	3	3	—	—	—	—	—	—	—	—	—	—	9·31
—	—	—	—	6·0	3·0	1, 18	2	2	—	—	—	—	—	—	—	—	—	—	10·38
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	9·67
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	8·15
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	7·08
—	—	—	—	63·3	—	—	10	10	—	—	—	—	—	—	—	—	—	—	10·24

Summary of Meteorological Observations

$\varphi = 15^\circ\ 40'$ N. $\lambda = 32^\circ\ 34'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	16·7	—	—	20·8	28·0	12·2	35·0	13, 14	6·5	26, 27, 28	52	—	—	—	7·0	—	—	—
February	—	20·9	—	—	24·2	33·6	14·7	37·0	13	10·0	27	51	—	—	—	9·2	—	—	—
March	—	25·6	—	—	27·4	37·6	17·3	41·5	6	9·0	13	38	—	—	—	9·2	—	—	—
April	—	29·6	—	—	31·1	40·6	21·6	44·5	8	16·5	21	30	—	—	—	9·2	—	—	—
May	—	31·7	—	—	32·8	41·3	24·2	44·5	26	19·0	11	30	—	—	—	10·5	—	—	—
June	—	30·2	—	—	32·9	39·4	26·4	43·5	4	22·0	6	50	—	—	—	15·9	—	—	—
July	—	28·6	—	—	31·3	37·2	25·4	41·0	6, 11, 13	19·5	31	65	—	—	—	18·8	—	—	—
August	—	27·6	—	—	30·0	36·0	23·9	39·5	30	20·5	9, 10	74	—	—	—	20·2	—	—	—
September	—	29·3	—	—	31·8	39·5	24·2	42·0	28	20·5	30	67	—	—	—	20·3	—	—	—
October	—	30·3	—	—	29·9	37·5	22·3	39·5	Several dates	18·5	Several dates	52	—	—	—	16·6	—	—	—
November	—	26·7	—	—	27·7	35·1	20·3	37·5	11	16·5	27	50	—	—	—	13·1	—	—	—
December	—	22·4	—	—	23·2	30·8	15·5	34·5	9	9·0	30, 31	49	—	—	—	9·8	—	—	—
Year	—	26·6	—	—	28·6	36·5	20·7	—	—	—	—	50	—	—	—	13·3	—	—	—

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	727·18	15·3	25·0	20·9	18·7	26·8	12·6	34·7	15	8·8	22	33	16	22	28	4·4	4·3	4·1	4·3
February	24·86	19·2	31·6	25·7	23·0	32·3	15·6	36·4	13	11·4	25	29	11	17	23	5·1	3·8	4·1	4·3
March	23·04	24·1	35·6	29·2	26·0	36·4	18·7	40·6	6	13·8	13	18	7	11	14	4·1	2·9	3·2	3·4
April	21·69	29·4	39·5	32·9	31·2	40·5	23·0	44·8	28	17·4	21	14	8	12	13	4·4	4·1	4·5	4·3
May	22·13	31·1	40·0	34·0	32·0	41·4	25·2	44·1	17	18·4	2	21	10	16	18	7·0	5·5	6·4	6·3
June	22·07	29·9	38·9	33·4	32·2	40·3	26·6	43·0	4	22·0	6	45	20	30	38	13·6	10·0	11·1	11·6
July	22·92	28·0	35·8	31·2	30·1	37·8	25·3	42·0	5	21·6	31	59	32	42	50	16·2	12·9	13·8	14·3
August	23·64	27·3	34·3	29·2	28·9	35·3	24·7	40·1	21	20·5	9	68	39	59	64	18·2	15·3	17·2	16·9
September	23·33	28·2	36·9	30·8	30·2	37·9	24·9	40·6	11	20·0	1	54	25	43	48	15·2	11·5	13·7	13·5
October...	23·64	28·3	36·7	31·0	29·9	37·6	23·7	39·5	7	20·0	28	33	16	26	30	9·4	7·3	8·5	8·4
November	23·95	25·4	34·1	28·3	27·2	35·0	21·1	37·9	1	17·8	26	33	16	26	30	8·0	6·5	7·3	7·3
December	25·53	19·5	29·3	23·5	22·1	29·9	16·0	33·3	8	10·7	29	34	19	29	32	5·7	5·9	6·2	5·9
Year	723·66	25·5	34·9	29·2	27·7	35·9	21·4	—	—	—	—	37	18	28	32	9·3	7·5	8·3	8·4

KHARTOUM (Research Farm) for the year 1916.

= 390·0 m. h_t = 2·0 m. h_r = 0·8 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
										Number of observations in which the wind-direction was recorded as									mm. per day
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	8 h. Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·3	—	—	—	0·0	0·0	—	—	—	2·3	14·5	14	—	—	—	—	—	0·5	2	13·57
0·0	—	—	—	0·0	0·0	—	—	—	2·4	14·5	14·5	—	—	—	—	—	—	—	19·51
0·2	—	—	—	0·0	0·0	—	—	—	2·2	11·5	16·5	1	—	—	—	—	—	2	23·78
0·6	—	—	—	Drops	Drops	15	—	—	2·1	7·5	12	4·5	3·5	1	—	0·5	1	—	23·57
0·9	—	—	—	4·8	4·8	2	1	1	1·9	—	15·5	2·5	3	1	5·5	1	2·5	—	*22·01*
2·0	—	—	—	19·9	13·9	6	3	2	2·6	—	2	—	2	7·5	16	0·5	2	—	19·61
3·0	—	—	—	31·0	25·2	31	3	3	3·0	—	—	—	1	1·5	27	1·5	—	—	14·63
3·5	—	—	—	49·4	34·6	4	4	4	2·3	—	—	—	—	2·5	26·5	—	—	2	9·68
2·5	—	—	—	17·3	10·6	19	3	3	2·6	3	1	—	—	1·5	21·5	1	—	2	13·22
0·0	—	—	—	Drops	Drops	11	—	—	1·4	3	15	—	1	—	4	—	2	6	13·32
0·6	—	—	—	0·0	0·0	—	—	—	2·3	2·5	24·5	1	—	—	—	—	1	1	14·22
0·5	—	—	—	0·0	0·0	—	—	—	2·4	4	26	—	—	—	—	—	—	1	13·25
1·2	—	—	—	122·4	—	—	14	13	2·3	60·5	141	9	10·5	15	130·5	4·5	9	16	16·70

KHARTOUM (Gordon College) for the year 1916.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
										Number of observations in which the wind-direction was recorded as									mm. per day
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	Mean of day Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·7	*1·4*	*0·2*	*0·8*	0·0	0·0	—	—	—	3·1	74	16	—	—	—	—	—	1	2	13·02
0·5	*1·0*	0·5	*0·7*	0·0	0·0	—	—	—	3·7	53	39·5	0·5	—	—	—	—	2	1	16·26
0·9	*0·6*	0·0	*0·5*	0·0	0·0	—	—	—	2·8	49	31	2	—	—	—	—	3	5	19·74
1·4	*1·6*	0·3	*1·1*	Drops	Drops	14, 30	—	—	2·7	30·5	22·5	4·5	2	4	3·5	3	5	15	20·15
3·2	*4·0*	2·7	*3·3*	13·9	10·0	1	3	2	2·1	26	16	5	2·5	10·5	4·5	2·5	7	19	19·18
4·4	4·9	—	—	22·2	19·3	5	3	2	3·4	3	2	0·5	3	33·5	27	8	5	8	15·78
6·2	5·3	4·2	5·2	35·4	29·5	30	3	2	3·9	—	1	1·5	2	42·5	34	0·5	1·5	4	13·15
5·5	4·5	1·5	3·8	57·3	37·9	3	5	4	2·5	—	0·5	2·5	2	44·5	37	2·5	1	3	9·51
3·2	2·7	1·4	2·4	20·1	9·1	20	3	3	2·2	5	3	2·5	2	21	25·5	10	2	19	11·61
1·0	2·5	1·5	1·7	Drops	Drops	8, 10, 14	—	—	1·6	29·5	20·5	9	2	2·5	0·5	3	1	25	14·11
1·0	1·4	0·6	1·0	0·0	0·0	—	—	—	2·1	43	25	4	—	—	—	—	7	11	14·58
0·9	1·1	0·0	0·7	0·0	0·0	—	—	—	3·0	69·5	15·5	1	—	—	—	—	3	4	12·71
2·4	2·6	1·2	1·9	146·9	—	—	17	13	2·8	382·5	186·5	33	15·5	158·5	132	35·5	38·5	116	14·98

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	716 15	18·7	30·4	22·2	21·1	31·3	13 1	37·5	Several dates	8·5	26,29	49	26	38	44	8·4	8·9	7·8	8·4
February	14·27	21·9	33·0	25·2	24·0	33·8	15·7	38·0	16	9·0	24	56	24	38	47	10·9	9·2	9·1	9·7
March	12·76	27·0	37·3	28·3	27·8	38·1	18·7	41·5	5,8	12·5	21	36	13	23	30	9·5	6·1	6·5	7·4
April	11·78	31·6	39·5	32·3	31·6	40·5	22·9	44·0	11,13	18·0	21	29	14	22	26	9·8	7·3	7·9	8·3
May	12·71	31·2	39·4	32·7	32·1	40·4	25·1	43·0	24	21·0	6, 7	36	18	26	31	12·1	9·6	9·4	10·4
June	13·21	28·1	36·4	31·5	30·1	37·7	24·3	42·0	1	21·0	27	55	30	41	48	15·2	13·3	13·8	14·1
July	14·46	24·7	29·3	26·8	25·7	31·2	22·1	35·5	5	19·0	25	73	56	66	70	16·7	16·4	16·8	16·6
August	15·32	24·4	28·2	25·3	24·9	29·4	21·8	33·0	21	20·0	19, 27	80	67	82	81	18·1	18·9	19·7	18·9
September	14·55	25·9	32·1	27·2	26·8	33·2	22·0	36·0	28	19·0	12	69	48	66	68	16·9	17·1	17·6	17·2
October	14·62	27·6	35·6	28·1	28 1	37·2	21·2	39·0	25,31	17·5	22	55	24	41	48	14·9	10·3	11·4	12·2
November	13·98	27·5	35·7	27·7	28·0	36·9	20·9	39·0	1	17·5	27,28,29	41	17	30	36	11·0	7·4	8·1	8·8
December	14·88	23·3	31·9	24·0	24·0	33·1	16·9	36·5	10	10·0	27,28	52	22	40	46	11·4	7·9	8·9	9·4
Year	714·06	26·0	34·1	27·6	27·0	35·2	20·4	—	—	—	—	53	30	43	48	12·9	11·0	11·4	11·8

Summary of Meteorological Observations

$\varphi = 14° 29'$ N. $\lambda = 33° 23'$ E. of Greenwich

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	20·3	—	—	21·0	30·6	11·5	37·5	16	7·2	25	44	—	—	—	7·8	—	—	—
February	—	*23·5*	—	—	25·3	36·2	14·4	42·9	2,3	8·7	25	—	—	—	—	—	—	—	—
March	—	*26·8*	—	—	*28·0*	39·6	*16·1*	43·0	5	*11·5*	*22*	*42*	—	—	—	*10·9*	—	—	—
April	—	32·4	—	—	32·2	43·7	20·8	45·2	12	17·0	20	40	—	—	—	14·5	—	—	—
May	—	31·1	—	—	32·7	43·6	21·8	45·7	16	17·0	15	35	—	—	—	11·6	—	—	—
June	—	32·2	—	—	*31·2*	42·8	*19·5*	46 0	8	*16·5*	*23, 26*	*31*	—	—	—	*11·3*	—	—	—
July	—	28·3	—	—	29·3	38·2	20·4	42 0	19	17·5	11,25,27	53	—	—	—	15·1	—	—	—
August	—	28·8	—	—	—	35·9	—	43·7	22	—	—	—	—	—	—	—	—	—	—
September	—	26·5	—	—	—	35·5	—	38·0	7,30	—	—	*89*	—	—	—	*22·8*	—	—	—
October...	—	26·8	—	—	29·0	37·6	20·5	39·0	17	13·5	25	32	—	—	—	8·4	—	—	—
November	—	*27·1*	—	—	*27·8*	37·2	*18·4*	39·6	5	*11·7*	*30*	*45*	—	—	—	*12·2*	—	—	—
December	—	22·5	—	—	23·7	33·1	14·3	36·3	7	8·4	28	39	—	—	—	7·7	—	—	—
Year	—	27·2	—	—	*28·0*	37·8	*17·8*	—	—	—	—	*45*	—	—	—	*12·2*	—	—	—

t KASSALA for the year 1916.

I = 507·8 m. h_t = 1·1 m. h_r = 1·0 m. C_h = + 42·2 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·1	0·3	0·6	0·3	0·0	0·0	—	—	—	1·6	34	17	1	—	—	0·5	3·5	35	2	7·99
0·1	0·0	0·2	0·1	0·0	0·0	—	—	—	2·3	46	24	3·5	0·5	—	—	—	13	—	10·55
0·1	0·3	0·1	0·2	0·0	0·0	—	—	—	2·2	24·5	20·5	3·5	—	—	—	6	38·5	—	13·35
1·7	1·6	1·9	1·7	18·5	12·7	30	4	4	2·5	21	20·5	12·5	0·5	4	4·5	6	21	—	15·48
1·8	3·6	3·0	2·8	5·7	3·2	17	2	2	2·2	13	6·5	8·5	4	19	21	8	13	—	12·78
1·7	3·1	3·4	2·7	121·6	31·0	12	7	7	3·4	2	5	1	3	30	39	11	2	—	10·59
6·1	5·3	5·8	5·7	178·6	54·0	23	10	10	3·4	—	—	1	9	46	36	—	—	1	5·74
5·9	6·4	5·1	5·8	129·9	29·6	18, 26	12	12	2·8	—	1	—	9	40	42	—	1	—	3·36
2·2	3·3	3·2	2·9	29·1	10·0	28	6	6	2·5	—	—	—	4	30	54	2	—	—	5·38
0·4	2·3	0·8	1·2	4·5	4·5	14	1	1	1·8	26	12	12	6	22	4	2	8	1	7·91
0·1	0·9	0·2	0·4	0·0	0·0	—	—	—	1·8	32	13	16	2	10	3	5	9	—	10·59
0·0	0·2	0·1	0·1	0·0	0·0	—	—	—	1·5	40·5	16·5	0·5	—	—	—	6	29·5	—	8·09
1·7	2·3	2·0	2·0	487·9	—	—	42	42	2·3	239	136	59·5	38	201	201	49·5	170	4	9·32

at TAYIBA for the year 1916.

H = 410 m. h_t = 1·4 m. h_r = 0·8 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	19·0	15·0	14	2	2	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	8·0	8·0	17	1	1	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	114·5	44·0	29	7	7	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	57·8	24·0	18	5	5	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	25·1	9·0	14	4	4	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	224·4	—	—	19	19	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observations

$\varphi = 14° 24'$ N. $\lambda = 33° 31'$ E. of Greenwich

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	725·16	17·3	—	23·1	20·2	30·8	—	38·3	14	—	—	47	—	34	40	6·9	—	7·1	7·0
February	22·10	20·5	31·6	27·6	24·0	35·6	—	39·3	13	—	—	56	33	43	50	10·2	13·4	12·1	11·9
March	20·85	24·6	38·2	29·1	27·4	39·3	17·8	43·3	6	12·7	21	31	14	25	28	7·0	7·4	7·3	7·2
April	19·85	29·6	41·0	31·5	30·9	42·2	21·6	45·5	28	16·2	25	17	12	23	20	5·2	7·0	7·7	6·6
May	20·47	30·0	40·3	31·2	31·1	41·8	22·8	43·7	7	16·6	6	29	17	28	28	9·3	9·4	9·4	9·4
June	20·8[illegible]	28·0	37·3	30·2	29·4	39·8	22·0	44·3	3	18·0	23	53	28	46	50	14·7	13·2	14·6	14·2
July	22·28	26·1	32·3	26·7	26·5	35·5	20·8	39·1	5, 10	18·0	13	68	43	64	66	17·1	15·3	16·6	16·3
August	23·12	25·7	30·9	26·2	25·9	33·4	21·3	38·6	26	18·8	1	79	52	74	76	18·7	17·3	18·7	18·2
September	22·79	26·8	35·1	28·6	28·0	36·6	21·6	38·8	30	18·6	16	68	39	59	64	17·8	16·1	17·2	17·0
October...	22·02	27·4	36·3	28·6	28·4	38·1	21·2	39·8	26	14·3	24	54	29	47	50	14·6	13·1	13·6	13·8
November	21·55	26·0	36·3	27·3	27·0	37·6	18·6	39·9	20	14·4	26	51	31	44	48	12·7	14·0	12·1	12·9
December	23·10	21·2	32·0	23·8	23·0	33·1	15·2	36·1	9	9·9	24	46	20	34	40	8·5	7·3	7·6	7·8
Year	722·01	25·2	35·8	27·8	26·8	37·0	*20·3*	—	—	—	—	50	29	43	47	11·9	12·1	12·0	11·9

Summary of Meteorological Observations

$\varphi = 14° 0'$ N. $\lambda = 32° 20'$ E. of Greenwich

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	728·14	17·6	—	20·7	19·2	29·7	11·7	37·1	16	7·1	30	35	—	31	33	5·3	—	5·6	5·4
February	25·98	21·6	—	25·7	23·6	35·1	14·5	39·4	9	8·3	25	28	—	19	24	5·4	—	4·7	5·0
March	23·90	26·7	—	27·9	27·3	38·9	17·2	42·1	5,6,7	12·7	14	19	—	18	18	4·7	—	5·0	4·8
April	22·86	31·1	—	31·7	31·4	41·5	21·8	44·5	6,7,12	14·0	24	15	—	11	13	5·1	—	4·0	4·6
May	23·56	31·7	—	32·4	32·0	41·3	24·2	42·6	24,31	17·6	13	26	—	15	20	9·0	—	5·8	7·4
June	23·84	29·3	—	30·1	29·7	38·2	24·4	42·6	3	20·8	16,27	46	—	29	38	13·9	—	9·2	11·6
July	25·02	26·4	—	27·2	26·8	34·4	22·8	38·9	4	19·8	5	66	—	55	60	16·9	—	14·7	15·8
August	25·54	25·4	—	26·6	26·0	32·5	22·5	37·1	21	20·3	20	78	—	69	74	18·7	—	17·7	18·2
September	25·31	26·6	—	28·4	27·5	35·1	21·9	38·1	30	20·1	5,15	68	—	58	63	17·6	—	16·6	17·1
October...	24·95	28·4	—	29·8	29·1	37·9	21·4	40·1	2	15·7	24	45	—	36	40	12·9	—	11·2	12·0
November	24·98	26·6	—	27·6	27·1	37·0	19·4	38·8	13	15·2	27	26	—	23	24	6·8	—	6·3	6·6
December	26·36	21·4	—	23·3	22·4	32·7	14·7	35·8	1	5·6	28	27	—	21	24	5·1	—	4·4	4·8
Year	725·04	26·1	—	27·6	26·8	36·2	19·7	—	—	—	—	40	—	32	36	10·1	—	8·8	9·4

at WAD MEDANI for the year 1916.

H = 407·6 m. h_t = 1·8 m. h_r = 1·2 m. C_h = + 33·9 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·0	—	0·0	0·0	0·0	0·0	—	—	—	1·5	23·5	5	7	—	—	—	21	5·5	—	11·85
0·0	0·0	0·1	0·0	0·0	0·0	—	—	—	1·3	17	23·5	23·5	—	—	1	11	11	—	16·43
0·2	0·1	0·0	0·1	0·0	0·0	—	—	—	1·4	16·5	15	22	—	—	—	22	17·5	—	17·27
1·0	1·3	0·8	1·0	0·0	0·0	—	—	—	1·5	19·5	3·5	29	1	3·5	2·5	27	4	—	18·96
2·5	3·5	3·6	3·2	0·9	0·5	18	2	—	1·5	10·5	1·5	16	2	21·5	6·5	33	2	—	16·55
3·0	3·0	3·5	3·2	75·7	34·0	21	7	7	2·3	—	1·5	9·5	—	43	18·5	16·5	1	—	12·16
3·1	4·0	4·4	3·8	197·2	84·0	31	9	9	2·0	2	2	4	1·5	41	37·5	2	—	3	7·15
4·3	4·2	3·7	4·1	159·2	46·0	30	8	8	2·1	2	—	3·5	5	39	34	7·5	1	1	4·98
1·9	1·7	1·8	1·8	72·0	41·0	26	6	6	1·5	10	2	8	1	19	34	6	2	8	6·61
1·3	3·2	3·9	2·8	1·7	0·6	13,14	3	—	1·5	20·5	13·5	17	13	12·5	4	9	3·5	—	9·31
0·6	1·2	1·1	1·0	0·5	0·5	1	1	—	1·1	22·5	13	4·5	2	—	1	11·5	32·5	3	11·45
0·5	0·5	0·2	0·4	0·0	0·0	—	—	—	1·3	45·5	19	0·5	—	—	—	5	22	1	11·37
1·5	2·1	1·9	1·8	507·2	—	—	36	30	1·6	189·5	99·5	144·5	25·5	179·5	139	171·5	102	16	12·01

at DUEIM for the year 1916.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·0	—	0·0	0·0	0·0	0·0	—	—	—	3·4	55·5	2	—	—	—	—	—	4·5	—	14·30
0·0	—	0·0	0·0	0·0	0·0	—	—	—	2·9	55	3	—	—	—	—	—	—	—	18·49
0·1	—	0·0	0·0	0·0	0·0	—	—	—	2·6	56	5·5	—	—	—	—	—	0·5	—	20·18
0·7	—	0·2	0·4	0·0	0·0	—	—	—	2·5	35·5	8·5	3	2	4·5	4·5	1	1	—	20·74
2·4	—	1·5	2·0	1·0	1·0	17	2	1	2·9	19	2	4	2·5	30	3	1·5	—	—	16·96
3·3	—	2·1	2·7	44·8	29·3	26	5	4	3·5	—	1	1	5	50·5	2·5	—	—	—	13·67
5·6	—	4·5	5·0	49·3	17·7	7	9	7	3·2	—	—	—	7	53	2	—	—	—	8·41
6·1	—	4·5	5·3	128·3	41·0	16	11	9	3·0	—	—	2	4	54·5	0·5	1	—	—	5·32
3·1	—	1·0	2·0	38·2	13·8	20	7	6	2·8	2	—	1·5	6·5	43·5	4·5	2	—	—	6·36
0·9	—	1·9	1·4	9·4	5·2	15	3	2	2·6	20	1·5	4	5·5	10·5	7	2	2·5	—	10·09
0·4	—	0·0	0·2	0·0	0·0	—	—	—	2·8	53	4·5	1	1	—	—	—	0·5	—	14·22
0·0	—	0·0	0·0	0·0	0·0	—	—	—	3·3	61	0·5	—	—	—	—	—	0·5	—	13·10
1·9	—	1·3	1·6	271·6	—	—	37	29	3·0	357	28·5	16·5	33·5	255·5	24	7·5	9·5	—	13·49

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	712·21	14·8	25·4	18·5	16·8	26·8	8·5	35·3	14	4·8	23	30	20	29	30	3·7	5·1	4·3	4·4
February	10·38	18·7	30·9	19·7	20·2	32·7	11·6	37·8	14	7·3	25	17	15	38	28	2·8	5·4	6·6	4·9
March	8·88	23·4	35·2	25·0	24·0	36·7	14·6	40·4	6	9·9	21	12	12	31	22	2·5	5·6	6·6	4·9
April	7·25	29·2	38·0	31·9	29·8	40·1	20·0	44·2	5	15·4	22	17	11	13	15	5·1	5·7	4·5	5·1
May	8·34	29·2	36·4	32·5	29·8	38·7	21·2	41·5	2	18·1	12	32	14	18	25	9·3	6·6	6·7	7·5
June	8·45	27·9	34·9	32·2	29·1	37·4	21·5	39·9	13	17·8	23	53	25	26	40	14·4	9·9	9·1	11·1
July	9·18	24·9	32·4	30·3	27·0	34·3	20·3	37·9	3	17·4	2	73	37	38	56	17·0	13·2	11·9	14·0
August	9·38	24·5	29·7	28·4	25·5	33·5	19·4	34·5	20	16·7	4	79	50	53	66	17·9	17·1	15·1	16·7
September	9·25	24·9	29·2	27·5	25·2	34·3	19·2	35·0	22	16·7	15	72	72	70	71	16·8	21·6	19·2	19·2
October...	9·05	26·2	31·3	29·3	26·3	34·5	18·3	37·5	15	14·6	23	37	60	59	48	9·5	20·0	17·4	15·6
November	9·11	24·5	34·0	26·1	25·0	34·9	15·3	37·0	Several dates	12·2	6	26	16	27	26	6·0	6·4	6·9	6·4
December	10·57	18·7	29·9	21·1	20·1	30·2	10·6	34·5	1	5·2	28	28	12	24	26	4·5	4·1	4·4	4·3
Year	709·33	23·9	32·3	26·7	24·9	34·5	16·7	—	—	—	—	40	29	35	38	9·1	10·1	9·4	9·5

Summary of Meteorological Observations

$\varphi = 13° 9' N.$ $\lambda = 33° 57'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	18·2	—	—	23·0	31·8	14·1	39·3	16	11·5	25,30	45	—	—	—	7·0	—	—	—
February	—	21·4	—	—	26·6	36·4	16·7	39·9	16	12·5	24	51	—	—	—	9·7	—	—	—
March	—	25·4	—	—	29·4	37·7	19·1	43·1	6	15·0	21	48	—	—	—	11·5	—	—	—
April	—	31·4	—	—	32·4	41·4	23·4	44·3	8	19·7	23	53	—	—	—	18·0	—	—	—
May	—	30·6	—	—	32·0	39·8	24·3	42·9	7	20·3	7	49	—	—	—	16·0	—	—	—
June	—	27·9	—	—	29·6	36·4	22·9	40·6	3	19·1	22	63	—	—	—	17·5	—	—	—
July	—	24·5	—	—	25·7	30·8	20·6	35·5	1	18·3	3	79	—	—	—	18·0	—	—	—
August...	—	24·9	—	—	25·8	30·7	21·0	34·5	21	19·4	27	80	—	—	—	18·6	—	—	—
September	—	25·6	—	—	26·6	32·6	20·5	34·6	7,30	18·9	15,29	76	—	—	—	18·5	—	—	—
October	—	26·7	—	—	27·8	35·3	20·2	38·5	25	16·9	23	65	—	—	—	16·8	—	—	—
November	—	26·2	—	—	28·2	37·0	19·3	38·6	1,14	16·0	27	41	—	—	—	10·2	—	—	—
December	—	22·1	—	—	25·1	34·2	16·0	36·6	9,10	10·0	28	47	—	—	—	9·2	—	—	—
Year	—	25·4	—	—	27·7	35·5	19·8	—	—	—	—	58	—	—	—	14·2	—	—	—

at EL OBEID for the year 1916.

H = 568·9 m. h_t = 1·5 m. h_r = 1·2 m. C_h = + 47·5 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·1	0·2	0·0	0·1	0·0	0·0	—	—	—	2·9	26·5	19	—	5	13	5	—	24·5	—	17·67
0·1	0·3	0·0	0·1	0·0	0·0	—	—	—	2·3	21·5	17	2	6	4	4	1	30·5	1	17·88
0·1	0·3	0·0	0·1	0·0	0·0	—	—	—	2·2	19	17	—	6	2·5	14·5	1	31	2	18·57
0·9	0·9	0·7	0·8	0·0	0·0	—	—	—	2·6	26	8	1	13·5	10	20·5	—	11	—	19·28
2·0	2·3	1·5	1·9	4·0	3·7	19	2	1	2·7	14·5	9·5	2	20·5	20·5	20	0·5	4·5	1	17·64
2·9	2·4	2·4	2·6	21·4	11·5	18	6	5	3·4	4	25	—	12	26·5	19·5	—	2	1	15·72
5·1	3·5	5·2	4·6	61·5	13·0	1	10	9	3·5	4	27	4	17	29	10	1	1	—	13·08
4·7	3·8	4·6	4·4	133·1	43·1	8	12	12	3·7	1	29	—	22·5	15·5	23	—	2	—	9·83
3·2	4·4	4·4	4·0	85·3	28·0	24	6	6	3·5	—	18	—	31·5	20·5	18	—	2	—	7·87
1·0	3·8	3·7	2·8	9·0	6·0	10	2	2	2·8	—	4	—	26·5	27	34·5	1	—	—	12·58
0·9	0·4	0·3	0·5	0·0	0·0	—	—	—	2·3	17·5	21·5	19·5	6	13	21	—	0·5	—	14·32
0·5	0·1	0·0	0·2	0·0	0·0	—	—	—	2·1	28·5	50	11·5	2	—	—	—	1	—	13·64
1·8	1·9	1·9	1·8	314·3	—	—	38	35	2·8	162·5	245	31	168·5	181·5	190	4·5	110	5	14·84

at SINGA for the year 1916.

H = 436·3 m. h_t = 1·6 m. h_r = 1·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·2	—	—	—	0·0	0·0	—	—	—	2·9	30	—	—	—	—	—	—	1	—	15·42
0·1	—	—	—	0·0	0·0	—	—	—	2·4	28	—	—	—	1	—	—	—	—	17·90
0·2	—	—	—	0·0	0·0	—	—	—	1·5	24	3	1	—	—	—	—	—	3	19·37
1·9	—	—	—	0·0	0·0	—	—	—	2·4	11	3	1	3	7	3	1	—	1	19·13
3·7	—	—	—	16·7	10·9	26	2	2	2·6	2	—	1	2	20	5	1	—	—	13·29
4·9	—	—	—	136·0	45·0	22	8	8	2·9	—	—	1	3	20	4	2	—	—	8·49
7·8	—	—	—	314·7	87·2		18	17	1·9	—	—	1	4	25	—	1	—	—	3·55
7·2	—	—	—	210·8	55·8	4	15	14	1·4	—	—	—	2	21	6	2	—	—	2·51
5·7	—	—	—	75·8	33·4	15	9	7	1·7	—	—	1	3	11	13	2	—	—	3·29
3·6	—	—	—	21·8	12·4	11	5	3	1·6	3	—	5	2	8	11	2	—	—	5·54
0·7	—	—	—	2·2	2·2	8	1	1	2·5	15	3	6	2	1	2	1	—	—	11·08
1·2	—	—	—	0·0	0·0	—	—	—	3·6	10	5	—	10	6	—	—	—	—	14·10
3·1	—	—	—	778·0	—	—	58	52	2·3	123	14	17	31	120	44	12	1	4	11·14

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	694·93	24·4	36·4	28·5	26·7	37·2	17·6	39·6	14	13·6	25	65	—	—	—	14·7	—	—	—
March	93·53	27·8	37·9	*30·6*	*28·9*	38·8	*19·2*	41·3	5,6,7	*15·6*	*1, 14*	29	18	*25*	*27*	8·0	8·6	*8·1*	*8·2*
April	93·53	30·9	38·1	32·4	31·1	39·9	22·9	43·4	6,7	19·6	25	24	14	17	20	7·4	6·5	5·6	6·5
May	94·97	28·5	35·6	28·0	28·6	37·2	22·5	41·3	7	19·6	1	43	22	38	40	12·2	9·2	10·3	10·6
June	95·80	24·9	31·3	24·7	28·3	32·6	20·3	37·2	2	17·8	27	62	38	60	61	14·3	12·6	13·4	13·4
July	96·68	22·4	26·9	22·7	22·9	27·7	19·5	31·5	4	17·6	6	76	58	70	73	15·1	15·0	14·3	14·8
August	97·20	22·6	26·3	23·2	22·9	27·8	19·5	30·7	21	17·6	31	79	64	76	78	16·2	16·1	15·8	16·0
September	96·71	23·9	28·4	23·5	23·6	29·6	18·8	31·7	6	17·1	16	73	55	74	74	16·0	15·4	15·6	15·7
October...	96·24	24·2	30·5	23·5	24·1	32·3	18·3	35·4	31	15·1	24	66	40	65	66	14·8	12·7	13·9	13·8
November	95·34	24·6	*34·1*	22·9	*24·4*	35·0	16·2	36·6	20	13·1	11	34	*25*	48	46	10·1	*10·0*	10·0	*10·0*
December	95·62	22·4	33·6	23·1	23·5	34·8	14·9	37·0	8,9,10	10·0	28	45	24	42	44	9·1	9·8	8·9	9·3
Year	695·50	25·1	32·6	25·7	25·9	33·9	19·1	—	—	—	—	55	*36*	*52*	*53*	12·5	*11·6*	*11·6*	*11·8*

Summary of Meteorological Observations

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	719·39	18·3	—	25·9	22·1	36·5	13·8	40·0	16,17,22	11·0	Several dates	45	—	39	42	6·9	—	9·7	8·3
February	17·35	21·2	—	29·0	25·1	38·7	15·9	41·0	12,15,16	12·0	25,29	52	—	46	49	9·8	—	13·8	11·8
March	16·24	24·5	—	31·1	27·8	41·0	18·4	43·0	6,27	14·0	1,14	62	—	60	61	14·2	—	20·1	17·2
April	15·84	28·8	—	32·4	30·6	41·5	21·7	46·0	8	17·0	1, 2	54	—	*40*	*47*	15·5	—	*15·1*	*15·3*
May	17·20	27·0	—	29·7	28·4	39·5	22·1	42·0	Several dates	20·0	Several dates	65	—	60	62	16·9	—	18·2	17·6
June	18·06	24·8	—	27·5	26·2	36·1	21·4	39·0	Several dates	20·0	Several dates	72	—	61	66	16·6	—	16·3	16·4
July	19·08	22·8	—	24·2	23·5	33·0	20·0	35·0	Several dates	19·0	Several dates	85	—	83	84	17·5	—	18·6	18·0
August	19·55	22·7	—	24·1	23·4	33·3	20·2	36·0	Several dates	19·0	Several dates	89	—	84	86	18·1	—	18·7	18·4
September	19·16	22·7	—	24·3	23·5	34·2	19·3	36·0	Several dates	18·0	5,6,13	88	—	85	86	17·9	—	19·2	18·6
October	18·89	23·5	—	24·7	24·1	35·4	19·6	37·0	25,26,27	19·0	Several dates	79	—	82	80	17·1	—	18·9	18·0
November	17·70	23·4	—	25·4	24·4	36·6	17·4	38·0	20	15·0	7,18	62	—	78	70	13·2	—	18·8	16·0
December	18·35	20·0	—	25·0	22·5	35·8	14·8	37·0	Several dates	10·0	28	54	—	55	54	9·4	—	13·1	11·2
Year	718·07	23·3	—	26·9	25·1	36·8	18·7	—	—	—	—	67	—	64	66	14·4	—	16·7	15·6

t GALLABAT for the year 1916.

[= 762·5 m. h_t = 1·4 m. h_r 1·7 m. C_h = + 62·8 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Wind Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
8 h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0·0	0·0	0·0	0·0	0·0	0·0	—	—	—	1·7	13·5	—	—	—	—	—	26	16·5	29	17·24
0·0	0·0	0·0	0·0	0·0	0·0	—	—	—	1·7	17	—	—	—	—	—	41	2	27	18·94
1·6	2·5	2·0	2·0	—	—	—	—	—	2·0	28	—	—	—	14	5	18	4	20	19·13
3·9	5·8	5·1	4·9	—	—	—	—	—	1·7	9	—	11	5	16	7	19	1	25	11·55
4·9	5·6	7·2	5·9	*95·1*	*25·6*	*26*	*9*	*8*	1·9	9	—	20	3	18	7	17	2	14	7·20
7·0	8·3	9·1	8·1	263·0	91·7	5	27	24	1·8	1	—	11	6	22·5	11·5	12	—	26	3·03
7·2	9·0	9·5	8·6	302·8	71·5	26	26	24	1·1	1	—	6	—	9	11	15	3	48	2·38
3·6	7·3	7·9	6·3	197·8	59·0	12	21	19	1·3	2	—	7	4	8	10	20	2	57	3·02
1·5	4·6	1·7	2·6	26·7	18·0	5	10	3	0·9	4	1	3	2	12	9	9	6	43	4·41
0·6	2·2	0·8	1·2	0·0	0·0	—	—	—	1·0	3	6	12	5·5	5·5	9	8	3	34	7·78
0·6	1·5	0·1	0·7	0·0	0·0	—	—	—	0·6	7·5	4	—	1	4	7	5	11·5	49	8·04
2·8	4·3	3·9	3·7	*885·4*	—	—	*93*	*78*	1·4	95	11	70	26·5	109	76·5	190	51	352	9·34

at ROSEIRES for the year 1916.

H = 466·9 m. h_t = 1·6 m. h_r = 1·0 m. C_h = + 39·0 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Wind Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
8 h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·1	—	0·0	0·0	0·0	0·0	—	—	—	2·6	38	—	3	—	—	3	5	13	—	15·45
0·3	—	0·4	0·4	0·0	0·0	—	—	—	2·2	33	1	—	1	2	1	4	16	—	17·10
0·3	—	0·0	0·2	0·0	0·0	—	—	—	2·1	22	1	—	—	5	5	19	10	—	17·84
2·5	—	2·3	2·4	17·7	17·6	30	2	1	2·6	12	—	2	—	15	7	18	6	—	15·80
5·9	—	6·3	6·1	75·9	32·7	24	10	10	2·8	2	—	1	1	32	13	11	2	—	13·19
6·7	—	6·3	6·5	79·7	24·7	5	15	12	2·6	—	—	1	—	47	7	5	—	—	9·43
8·5	—	8·5	8·5	208·1	70·4	1	17	16	2·6	1	—	1	—	48	6	6	—	—	4·61
7·9	—	9·0	8·4	209·6	49·1	30	13	13	2·7	—	—	1	—	49	6	5	1	—	4·61
7·4	—	8·3	7·8	188·6	54·7	4	10	10	2·9	—	2	—	—	32	7	19	—	—	4·33
5·2	—	5·4	5·3	27·0	20·2	8	3	3	2·6	1	2	2	—	30	9	17	1	—	6·52
1·1	—	1·4	1·2	0·0	0·0	—	—	—	3·0	2	3	3	3	14	7	22	6	—	11·10
0·8	—	0·5	0·6	0·0	0·0	—	—	—	3·0	15	—	—	—	2	2	16	27	—	13·26
3·9	—	4·0	3·9	896·6	—	—	70	65	2·6	126	9	14	5	276	73	147	82	—	11·10

Summary of Meteorological Observations

$\varphi = 11° 2' N.$ $\lambda = 29° 45' E.$ of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	29·5	—	—	21·8	32·5	11·0	40·0	14	8·0	31	11	—	—	—	2·1	—	—	—
February	—	25·2	—	—	26·0	36·7	15·3	39·5	8, 16	10·5	19	10	—	—	—	2·5	—	—	—
March	—	28·2	—	—	30·6	39·7	21·5	4[illegible]·0	Several dates	16·5	17	14	—	—	—	4·1	—	—	—
April	—	29·9	—	—	31·8	40·4	23·2	43·0	2	18·5	24	33	—	—	—	10·3	—	—	—
May	—	28·1	—	—	30·5	37·5	23·5	41·5	7	19·5	16, 17	56	—	—	—	15·7	—	—	—
June	—	26·0	—	—	28·0	34·1	21·9	37·5	Several dates	18·0	6	70	—	—	—	17·4	—	—	—
July	—	23·7	—	—	24·9	29·1	20·7	33·0	10	19·0	19, 25	84	—	—	—	18·3	—	—	—
August	—	23·5	—	—	25·0	29·7	20·3	34·0	20	18·5	27	88	—	—	—	18·9	—	—	—
September	—	24·3	—	—	25·7	31·4	20·0	33·0	17	18·6	16	82	—	—	—	19·0	—	—	—
October...	—	26·0	—	—	26·2	33·8	18·6	36·5	31	13·0	25	72	—	—	—	17·9	—	—	—
November	—	25·8	—	—	26·0	35·8	16·2	38·0	15	12·0	8	41	—	—	—	10·0	—	—	—
December	—	23·1	—	—	24·7	34·3	15·1	37·0	8, 9	10·0	2[illegible]	22	—	—	—	4·6	—	—	—
Year	—	25·4	—	—	26·8	34·6	18·9	—	—	—	—	49	—	—	—	11·7	—	—	—

Summary of Meteorological Observations

$\varphi = 9° 35' N.$ $\lambda = 31° 37' E.$ of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1913																			
January	724·[illegible]	21·3	35·1	23·7	23·7	34·5	16·6	39·6	16	11·6	20, 21	17	10	25	21	3·4	3·7	5·4	4·2
February	22·6[illegible]	25·5	36·3	27·6	27·2	38·0	19·2	40·1	14, 15, 16	16·5	26	14	9	21	18	3·5	4·0	5·7	4·4
March	22·1[illegible]	29·5	38·5	30·4	30·1	36·7	21·9	42·6	28, 31	17·0	22	47	24	41	44	14·7	11·8	13·3	13·[illegible]
April	23·[illegible]	30·0	37·6	30·9	30·9	40·0	25·1	42·6	5, 6	20·6	22	—	—	35	—	—	—	14·7	—
May	24·8[illegible]	26·9	33·4	26·7	27·4	36·1	22·5	39·0	1	19·0	Several dates	68	41	66	67	17·7	15·1	16·6	16·5
June	25·[illegible]	25·2	30·9	25·1	25·6	32·8	21·3	37·0	8	19·0	5	79	52	78	78	18·7	17·0	18·4	18·0
July	27·0[illegible]	25·6	27·9	23·6	23·9	29·4	20·4	32·5	4	19·5	Several dates	88	68	88	88	19·1	18·7	18·9	18·9
August	27·[illegible]	24·1	28·0	23·7	24·1	29·9	20·7	32·5	20	19·5	Several dates	87	69	88	88	19·4	19·3	19·2	19·3
September	26·4[illegible]	25·2	29·5	24·4	25·1	31·6	21·2	33·5	Several dates	19·5	4	83	62	86	84	19·9	18·6	19·5	19·3
October	26·1[illegible]	25·6	30·7	24·4	25·5	32·6	21·3	34·5	Several dates	19·0	16, 26	81	57	86	84	19·8	18·4	19·4	19·2
November	25·4[illegible]	25·5	32·[illegible]	24·5	25·3	33·6	18·6	35·5	Several dates	15·5	6, 25	67	42	75	71	16·1	1[illegible]·0	17·1	16·0
December	26·1[illegible]	23·7	32·5	23·6	23·6	33·4	—	35·0	1	—	—	36	26	52	45	8·1	9·4	11·3	9·6
Year	725·14	25·5	3[illegible]·6	25·7	2[illegible]·0	34·3	20·8	—	—	—	—	61	42	63	63	14·6	13·7	15·0	14·4

at KADUGLI for the year 1916.

H = 503·0 m. h_t = 2·0 m. h_r = 1·5 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·4	—	—	—	0·0	0·0	—	—	—	1·4	2	15	—	—	—	—	—	—	14	16·49
1·1	—	—	—	0·0	0·0	—	—	—	1·7	9	7	0·5	1	—	—	—	2·5	9	18·40
1·6	—	—	—	0·0	0·0	—	—	—	3·2	1	14·5	1·5	2	2	4·5	3·5	2	—	17·89
3·2	—	—	—	11·5	7·0	29	3	2	3·2	0·5	6·5	1	4	3	7·5	5	2·5	—	16·03
4·3	—	—	—	33·4	21·0	15	6	3	2·8	—	—	—	4	5·5	15	3	3·5	—	11·74
5·3	—	—	—	184·4	51·4	28	14	12	2·8	—	1	1	10·5	4·5	13	—	—	—	8·10
9·4	—	—	—	117·5	37·2	24	18	12	3·6	—	—	—	12	7	11·5	0·5	—	—	3·92
7·9	—	—	—	159·2	38·1	12	17	13	3·1	—	—	1·5	17·5	8	2	1·5	0·5	—	2·96
5·7	—	—	—	117·0	35·0	3	14	12	2·9	—	—	6·5	8·5	6·5	6·5	2	—	—	2·95
2·4	—	—	—	69·2	21·0	14	7	6	2·6	0·5	2	8·5	11	3·5	3	1	1·5	—	5·40
1·7	—	—	—	17·0	17·0	1	1	1	3·1	—	9·5	5	7·5	—	4	—	4	—	9·99
0·0	—	—	—	0·0	0·0	—	—	—	4·3	—	26	1	3	—	1	—	—	—	15·01
3·6	—	—	—	709·2	—	—	80	61	2·9	13	81·5	26·5	81	49	68	16·5	16·5	23	10·74

at MALAKAL for the year 1916.

H = 393·6 m. h_t = 1·8 m. h_r = 0·8 m. C_h = + 33·1 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
1·4	1·5	0·4	1·1	0·0	0·0	—	—	—	2·2	2·5	80·5	1	—	—	—	—	—	9	21·09
1·2	1·3	0·3	0·9	0·0	0·0	—	—	—	2·1	0·5	65	4	2·5	—	1	—	1	13	23·26
1·6	2·3	0·9	1·6	0·0	0·0	—	—	—	1·3	7	30·5	1	5·5	1	5	4	7	32	18·96
3·3	5·9	2·0	3·7	7·2	5·2	12	2	2	1·2	1	8·5	2·5	—	13·5	14	11	3·5	30	14·35
6·3	7·5	6·1	6·6	111·0	24·0	9	11	10	1·3	0·5	0·5	2	2	9·5	10	4	3·5	61	7·55
6·3	7·1	6·2	6·5	223·8	78·5	19	10	10	1·0	1·5	1	3·5	3	11·5	12	0·5	—	57	4·97
8·1	7·3	5·2	6·9	167·5	33·5	25	16	15	0·7	0·5	0·5	0·5	—	6	13	1	0·5	71	2·89
7·2	7·5	6·3	7·0	174·0	53·0	21	14	13	0·6	—	—	—	—	4	4	3	1	81	—
6·2	7·2	5·6	6·3	106·7	36·0	3	14	11	0·6	2·5	1·5	—	1	6	4·5	4·5	1	69	2·46
6·3	6·5	5·1	6·0	118·2	51·0	31	6	5	0·6	2·5	2	2·5	6·5	9	4	2·5	1	63	3·19
3·0	4·3	0·9	2·7	9·1	4·2	27	3	3	0·7	11·5	21	4·5	1	7·5	4	—	5·5	35	5·14
2·2	1·7	0·7	1·5	0·0	0·0	—	—	—	1·3	5·5	52	7·5	—	—	—	—	—	28	14·04
4·4	5·0	3·3	4·2	918·2	—	—	76	69	1·1	35·5	263	29	21·5	68	71·5	30·5	24	555	10·72

Summary of Meteorological Observations

$\varphi = 9° 22'$ N. $\lambda = 24° 18'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	17·8	21·4	14·2	28·0	14	9·5	23	—	—	—	—	—	—	—	—
February	—	—	—	—	19·6	23·9	15·4	26·5	9,15	11·5	25	—	—	—	—	—	—	—	—
March	—	—	—	—	24·4	29·7	19·0	35·5	1	14·0	15	—	—	—	—	—	—	—	—
April	—	—	—	—	26·4	30·0	22·9	34·5	1	20·0	22	—	—	—	—	—	—	—	—
May	—	—	—	—	24·7	27·4	22·0	34·0	8	12·0	23	—	—	—	—	—	—	—	—
June	—	—	—	—	23·0	24·7	21·2	30·0	4	18·0	6	—	—	—	—	—	—	—	—
July	—	—	—	—	21·5	23·2	19·8	30·5	11	18·0	6,14	—	—	—	—	—	—	—	—
August	—	—	—	—	21·0	22·1	20·0	24·0	8,11	18·7	31	—	—	—	—	—	—	—	—
September	—	—	—	—	21·6	22·9	20·3	25·0	11	18·8	28	—	—	—	—	—	—	—	—
October	—	—	—	—	21·0	22·7	19·2	24·5	12	14·0	26	—	—	—	—	—	—	—	—
November	—	—	—	—	19·8	22·5	17·2	24·0	3,4,22	14·3	26	—	—	—	—	—	—	—	—
December	—	—	—	—	17·2	20·7	13·6	23·5	3	8·2	30	—	—	—	—	—	—	—	—
Total	—	—	—	—	21·5	24·3	18·7	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observations

$\varphi = 9° 18'$ N. $\lambda = 31° 38'$ E. of Greenwich.

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	—	30·0	—	—	27·8	39·1	16·5	41·5	16	15·0	Several dates	44	—	—	—	13·8	—	—	—
March	—	30·3	—	—	30·8	40·9	20·6	43·0	28	17·2	Several dates	28	—	—	—	8·9	—	—	—
April	—	30·6	—	—	32·5	40·3	24·7	45·2	6	21·8	22	42	—	—	—	13·6	—	—	—
May	—	27·7	—	—	*29·8*	37·3	*22·3*	39·8	1,5	*13·7*	*20*	64	—	—	—	17·6	—	—	—
June	—	25·3	—	—	27·6	33·9	21·3	37·7	11	15·5	23	78	—	—	—	18·7	—	—	—
July	—	*23·9*	—	—	26·1	31·2	21·0	36·8	22	19·0	18	*86*	—	—	—	*18·9*	—	—	—
August	—	24·6	—	—	25·8	30·6	21·0	34·2	3	19·6	10,28	82	—	—	—	18·8	—	—	—
September	—	26·0	—	—	27·4	33·5	21·2	36·5	5,6	19·5	4	79	—	—	—	19·8	—	—	—
October	—	26·6	—	—	27·6	34·0	21·1	36·5	23,25	16·5	6	74	—	—	—	19·0	—	—	—
November	—	26·5	—	—	27·5	35·2	19·8	37·5	13,14	16·5	6	65	—	—	—	16·5	—	—	—
December	—	24·2	—	—	25·2	33·9	16·4	36·2	1	12·5	29	33	—	—	—	7·7	—	—	—
Year	—	26·9	—	—	28·0	35·4	20·5	—	—	—	—	61	—	—	—	15·8	—	—	—

KAFIA KINGI for the year 1916.

= 596·0 m. h_t = 1·5 m. h_r = 1·3 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
—	—	—	—	0·0	0.0	—	—	—	5·5	—	19	12	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	4·2	—	14	14	—	—	1	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	3·4	4	10	16	—	—	—	1	—	—	—
—	—	—	—	41·0	11·5	16	6	6	4·2	6	4	6	—	12	—	2	—	—	—
—	—	—	—	130·2	41·0	20	8	8	4·0	4	1	1	—	19	—	6	—	—	—
—	—	—	—	136·4	36·5	29	12	12	3·5	1	—	5	—	19	—	3	2	—	—
—	—	—	—	170·3	49·0	5	12	12	2·8	5	—	—	—	16	1	3	6	—	—
—	—	—	—	272·8	73·5	8	18	18	2·0	6	—	1	—	7	5	2	7	3	—
—	—	—	—	222·8	44·5	3	19	19	1·3	3	1	1	—	1	3	2	10	9	—
—	—	—	—	69·6	35·5	4	5	5	1·6	3	3	1	—	2	6	6	4	6	—
—	—	—	—	0·0	0·0	—	—	—	0·8	4	6	—	—	1	1	5	3	10	—
—	—	—	—	0·0	0·0	—	—	—	2·2	4	14	11	—	—	—	—	1	1	—
—	—	—	—	1043·1	—	—	80	80	3·0	40	72	68	—	77	17	30	33	29	—

t DOLEIB HILL for the year 1916.

H = 391·0 m. h_t = 1·5 m. h_r = 1·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									
									8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0·1	—	—	—	0·0	0·0	—	—	—	2·5	—	28	—	—	—	—	—	—	—	—
1·0	—	—	—	0·0	0·0	—	—	—	2·6	5	13·5	2·5	—	4	3	1·5	0·5	—	—
1·8	—	—	—	17·4	11·7	12	2	2	3·4	2	2	2	2	6	8	5	—	3	—
3·5	—	—	—	69·0	34·1	21	10	9	3·2	—	1	2	4·5	10·5	5·5	4·5	—	1	—
3·7	—	—	—	241·1	83·0	17	15	14	2·8	—	—	8	3	9·5	5·5	4	—	—	—
4·1	—	—	—	122·1	29·8	25	13	12	1·9	1	1	6	3	9·5	4·5	1	—	3	—
4·5	—	—	—	212·4	43·1	12	15	14	1·0	—	1	1	2	16	5	1	1	3	—
3·4	—	—	—	60·7	15·5	7	12	8	0·7	—	—	—	3	13	2	—	1	11	—
4·2	—	—	—	56·6	18·1	5	13	7	0·8	3	3	—	7	3	4	—	1	10	—
1·6	—	—	—	20·7	11·2	21	4	3	1·0	12	6	1	1	—	—	—	2	8	—
0·8	—	—	—	0·0	0·0	—	—	—	3·4	10·5	17·5	1	—	—	—	—	—	1	—
2·6	—	—	—	800·0	—	—	84	69	2·2	33·5	73	23·5	25·5	71·5	37·5	17	5·5	40	—

Summary of Meteorological Observation

$\varphi = 8° 15'$ N. $\lambda = 34° 35'$ E. of Greenwic

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	23·6	—	—	26·6	37·4	15·9	41·0	17	12·2	3	57	—	—	—	12·4	—	—	—
February	—	26·6	—	—	27·6	38·3	16·8	40·5	28	11·5	14	47	—	—	—	12·2	—	—	—
March	—	29·2	—	—	29.5	39·4	19·6	42·2	2,	15·0	15	41	—	—	—	12·4	—	—	—
April	—	28·5	—	—	29·4	37·8	21·0	42·5	2,7,8	18·0	1,3	54	—	—	—	15·5	—	—	—
May	—	25·3	—	—	26·6	32·8	20·3	37·5	1,8	18·0	5	74	—	—	—	17·6	—	—	—
June	—	23·8	—	—	25·4	30·7	20·2	34·5	19	18·0	25	85	—	—	—	18·6	—	—	—
July	—	22·9	—	—	25·0	30·1	19·8	32·5	2,24	18·5	Several dates	87	—	—	—	17·9	—	—	—
August	—	22·7	—	—	24·5	29·1	19·9	32·0	17	19·0	Several dates	90	—	—	—	18·3	—	—	—
September	—	23·4	—	—	25·4	30·7	20·0	33·0	3,7	17·0	6	84	—	—	—	17·9	—	—	—
October	—	24·4	—	—	25·9	31·8	20·0	36·0	25	17·5	22	73	—	—	—	16·6	—	—	—
November	—	25·0	—	—	26·4	34·6	18·3	36·0	11,14,27	15·5	11, 17	63	—	—	—	14·8	—	—	—
December	—	24.0	—	—	25·8	33·9	17·7	36·5	27	13·0	28	71	—	—	—	15·6	—	—	—
Year	—	24·9	—	—	26·5	33·9	19·1	—	—	—	—	69	—	—	—	15·8	—	—	—

Summary of Meteorological Observation

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	720·20	25·8	33·3	26·5	24·2	34·2	16·4	39·5	14,16	12·5	31	30	10	23	26	5·6	4·0	6·0	5·2
February	18·37	24·2	36·6	30·0	27·4	37·5	18·9	40·0	15	15·5	26,27	55	32	42	48	12·6	14·7	13·1	13·5
March	17·50	25·7	37·9	30·7	29·3	38·8	21·8	41·5	27,28,31	17·5	1,2	61	35	49	55	16·0	17·0	15·8	16·3
April	17·96	27·5	35·8	29·2	29·0	36·9	23·6	42·0	6	21·5	1),26	70	41	60	65	19·1	17·5	17·7	18·1
May	19·38	25·4	32·9	27·1	26·8	34·5	21·9	39·0	7	19·5	1	78	47	69	74	18·6	17·2	18·3	18·
June	19·68	24·0	30·3	26·1	25·4	32·8	21·3	36·0	8,11	19·5	9,30	82	57	73	78	18·0	18·0	18·3	18·
July	20·42	22·8	28·5	23·9	23·9	30·6	20·4	34·0	9	18·0	21	87	63	84	86	17·9	18·0	18·4	18·
August	20·70	22·9	27·3	23·7	23·7	29·3	20·8	33·5	31	19·5	23,25	89	69	86	88	18·4	18·4	18·7	18·
September	20·21	22·7	27·3	24·3	23·7	30·3	20·6	34·0	12	18·0	23	88	63	83	86	18·0	18·0	18·6	18·
October	19·85	24·1	31·3	24·7	25·1	33·2	20·4	38·0	26	19·0	6,7	80	52	78	79	17·9	17·6	17·8	17·
November	18·84	24·8	34·3	26·2	26·3	35·6	19·8	38·0	14, 17, 1[illegible]	18·0	13	73	30	61	67	16·8	11·7	15·3	14·
December	19·60	22·3	33·1	24·9	24·2	34·3	16·3	36·0	Several dates	10·0	28	56	20	43	50	11·2	7·8	10·2	9·
Year	719·41	24·0	32·4	26·4	25·7	34·0	20·2	—	—	—	—	71	44	63	67	15·8	15·0	15·7	15·

GAMBELA for the year 1916.

= 410·0 m. h_t = 1·4 m. h_r = 1·2 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									8 h.	Number of observations in which the wind-direction was recorded as									
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	Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
2·1	—	—	—	0·0	0·0	—	—	—	0·6	—	—	2·5	5·5	1	—	—	—	22	9·33
1·8	—	—	—	2·0	2·0	16	1	1	1·2	—	—	2	9	1	—	—	—	17	11·36
1·3	—	—	—	14·9	8·0	4	2	2	1·0	—	—	2	6	—	1	7	1	14	10·66
1·4	—	—	—	112·9	50·5	13	8	8	0·9	—	—	—	3	—	—	13	2	12	8·51
2·3	—	—	—	163·0	62·0	18	13	13	1·5	1	—	1	7	1	1	13	3	4	4·50
3·3	—	—	—	306·1	60·0	16	18	18	1·1	—	—	—	2	—	2	11	5	10	2·88
2·8	—	—	—	232·0	61·5	16	18	18	0·7	1	—	1	—	—	—	9	6	14	2·46
3·4	—	—	—	306·8	79·0	21	21	21	1·2	2	2	4	10	2	1	—	—	10	2·31
2·8	—	—	—	279·0	66·0	24	17	15	1·7	—	2	4	15	—	—	1	2	6	2·55
2·0	—	—	—	111·9	40·0	26	12	12	1·5	—	—	3	10·5	15·5	—	—	—	2	3·61
4·3	—	—	—	17·1	6·3	5	8	5	2·6	—	—	7·5	18·5	1	—	—	—	3	—
3·9	—	—	—	81·2	26·3	5	7	6	1·7	—	2	4	18	2	2·5	0·5	—	2	5·44
2·6	—	—	—	1626·9	—	—	125	119	1·3	4	6	31	104·5	23·5	7·5	54·5	19	116	5·78

t WAU for the year 1916.

H = 440·0 m. h_t = 1·2 m. h_r = 1·3 m. C_h = + 36·7 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Wind Force	Direction									mm. per day
									Mean of day	Number of observations in which the wind-direction was recorded as									
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	Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
1·7	1·3	0·5	1·2	0·0	0·0	—	—	—	1·1	24	38·5	24·5	5	—	—	—	1	—	13·30
1·4	1·9	1·0	1·4	0·5	0·5	9	1	—	1·1	14·5	14	40·5	6	6	3	2·5	0·5	—	11·94
1·4	1·6	1·4	1·5	89·6	64·0	12	3	2	1·4	10	7	29·5	17	15·5	9·5	4	0·5	—	9·91
3·7	3·8	3·8	3·8	90·0	38·1	18	7	7	1·6	2·5	2·5	10	17·5	33	19	4	1·5	—	7·95
4·8	3·9	3·9	4·2	128·8	66·0	27	9	7	1·6	2	2·5	4·5	17	39	19·5	6·5	1	1	5·07
5·4	4·7	3·5	4·5	169·7	33·5	29	9	9	1·2	1·5	—	1	10·5	29	33	12·5	2·5	—	4·33
5·8	5·2	4·6	5·2	343·7	68·2	2	18	18	1·2	0·5	—	—	10·5	28·5	44·5	4·5	4·5	—	2·98
5·8	5·5	4·0	5·1	221·7	102·0	22	15	15	1·2	1	—	1	9	36	40	2·5	1·5	2	2·68
5·8	5·0	3·6	4·8	230·5	65·0	20	14	12	2·0	1	2	—	14	27	38	3·5	4·5	—	3·04
5·1	4·8	5·3	5·1	157·9	39·5	5	16	15	2·1	2	6	10	32	11	22	2	8	—	3·52
3·1	4·2	2·3	3·2	14·2	10·7	21	3	3	1·8	8	33	8	33	3	4	—	1	—	6·58
2·2	3·2	0·9	2·1	0·0	0·0	—	—	—	1·6	14	34	20·5	12·5	6	1	—	5	—	9·33
3·8	3·8	2·9	3·5	1446·6	—	—	95	88	1·5	81	139·5	149·5	184	234	233·5	42	31·5	3	6·72

Summary of Meteorological Observatio

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

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January...	719·29	24·4	34·6	27·7	26·3	35·8	18·5	41·0	16	10·0	21	37	20	35	36	8·3	8·4	9·6	8·8
February	18·27	25·8	34·9	29·1	27·8	36·1	21·4	39·5	13, 15	16·5	25	56	27	43	50	13·7	10·9	12·5	12·4
March	17·45	27·7	36·4	30·4	29·6	37·6	23·7	40·5	28	22·0	12	57	25	44	50	15·5	11·0	13·7	13·4
April	18·04	25·9	33·3	27·5	27·3	34·5	22·6	40·0	2,6,7	19·5	15,17	73	42	65	69	17·9	15·1	17·1	16·7
May	19·68	24·6	30·9	25·4	25·4	32·3	20·8	36·0	1, 7	12·5	15	82	53	80	81	18·7	17·2	19·1	18·3
June	20·04	23·9	28·4	24·4	24·4	30·7	21·0	34·5	12	19·5	14, 30	85	65	84	84	18·6	18·3	18·9	18·6
July	21·00	22·5	28·0	23·1	23·4	29·5	20·0	33·0	2	14·0	15	88	66	89	88	17·8	18·2	18·7	18·2
August	21·14	22·7	27·2	23·3	23·4	28·8	20·2	32·5	5	18·5	15	88	66	90	89	17·9	17·2	19·1	18·1
September	20·52	23·4	28·8	23·4	24·1	30·4	20·7	33·5	6	19·0	5, 8	85	59	89	87	18·1	17·2	19·0	18·1
October	19·74	24·8	31·0	24·7	25·3	32·4	20·6	35·0	19	19·0	8,27	79	49	80	80	18·1	15·8	18·4	17·4
November	20·01	24·6	31·6	24·9	25·2	32·9	19·8	38·5	27	18·0	Several dates	77	46	79	78	17·5	15·6	18·5	17·2
Decembe	19·71	25·3	32·2	25·3	25·7	33·7	19·9	35·5	1,25	17·5	26	63	37	72	68	15·1	13·2	17·1	15·1
Year	719·57	24·6	31·4	25·8	25·7	32·9	20·8	—	—	—	—	72	46	71	72	16·4	14·8	16·8	16·0

Summary of Meteorological Observation

$\varphi = 9° 42'$ N. $\lambda = 42° 30'$ E. of Greenwich

Month	Mean Standard Pressure (mm.)	Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1916																			
January	—	—	—	—	18·2	23·1	13·3	24·0	Several dates	11·0	13	—	—	—	—	—	—	—	—
February	—	—	—	—	17·8	22·2	13·3	24·0	Several dates	12·0	6, 7	—	—	—	—	—	—	—	—
March	—	—	—	—	19·7	25·0	14·4	26·0	Several dates	13·0	2	—	—	—	—	—	—	—	—
April	—	—	—	—	20·2	25·7	14·8	27·0	4, 5	14·0	Several dates	—	—	—	—	—	—	—	—
May...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	20·8	26·6	15·1	28·0	Several dates	14·0	Several dates	—	—	—	—	—	—	—	—
July...	—	—	—	—	20·0	25·7	14·2	28·0	9,10	12·0	30	—	—	—	—	—	—	—	—
August	—	—	—	—	18·4	23·5	13·3	27·0	28	12·0	Several dates	—	—	—	—	—	—	—	—
September	—	—	—	—	20·2	25·7	14·7	27·0	Several dates	14·0	Several dates	—	—	—	—	—	—	—	—
October	—	—	—	—	21·4	27·1	15·6	28·0	Several dates	15·0	Several dates	—	—	—	—	—	—	—	—
November	—	—	—	—	22·0	27·8	16·3	28·0	Several dates	16·0	Several dates	—	—	—	—	—	—	—	—
December	—	—	—	—	22·1	27·6	16·6	28·0	Several dates	16·0	Several dates	—	—	—	—	—	—	—	—
Year	—	—	—	—	20·1	25·5	14·7	—	—	—	—	—	—	—	—	—	—	—	—

at MONGALLA for the year 1916.

H = 439·0 m. h_t = 1·3 m. h_r = 1·0 m. C_h = + 36·6 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
3·3	4·7	1·0	3·0	0·0	0·0	—	—	—	0·5	23	1	2	—	—	1	1	11	54	11·70
7·6	7·8	4·5	6·6	17·2	8·5	2	6	4	0·2	7·5	3	1	—	—	1	0·5	7	67	10·02
8·0	8·7	6·6	7·8	9·6	4·6	7	6	3	0·3	5·5	7·5	5	1	2	4·5	0·5	2	65	11·46
7·4	8·1	6·8	7·4	124·6	27·0	21	19	13	0·3	4	2	1·5	1	2·5	5	4	5	64	6·14
5·9	6·6	5·0	5·8	171·8	46·0	24	16	14	0·2	—	1	1	1	6	7	1	2	74	3·46
5·8	6·9	4·5	5·7	173·8	76·6	5	15	13	0·2	1	0·5	0·5	1	5	7	0·5	2·5	72	2·57
6·9	6·3	3·7	5·6	260·1	78·7	2	20	17	0·1	—	1	—	1	0·5	1·5	2	3	84	2·18
6·1	6·6	4·6	5·8	299·2	74·6	18	23	17	0·1	1·5	2	—	1	2·5	1	2	4	79	2·05
6·6	6·2	3·6	5·5	216·9	52·0	7	16	12	0·2	7	2	—	1	2	2·5	1·5	5	69	2·67
4·8	5·9	3·0	4·6	108·3	59·7	19	10	9	0·3	7·5	6	2	3·5	3·5	3	1·5	10	56	3·77
3·3	5·0	3·9	4·1	72·4	39·0	4	6	5	0·5	15	7	8	2·5	5	3	9	2·5	38	4·51
3·8	5·7	3·0	4·2	11·0	9·0	9	2	2	*0·3*	14·5	6	6·5	1	1	—	7	6	51	6·44
5·8	6·5	4·2	5·5	1464·9	—	—	139	109	0·3	86·5	39	27·5	14	30	36·5	30·5	60	773	5·58

at HARRAR for the year 1916.

H = 1856·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
									Force	Direction									
									8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
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	Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
—	—	—	—	5·5	5·5	31	1	1	—	1	8	3	—	—	—	2	17	—	—
—	—	—	—	116·5	37·0	27	5	5	—	7	—	1	3	—	—	—	18	—	—
—	—	—	—	91·0	24·0	20	11	11	—	2	—	—	9	7	—	—	13	—	—
—	—	—	—	195·0	42·0	3	11	11	—	2	—	—	11	6	—	—	11	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	148·0	37·0	4	15	15	—	3	—	—	16	7	—	—	4	—	—
—	—	—	—	228·0	48·0	23	17	17	—	1	—	—	17	6	—	—	7	—	—
—	—	—	—	215·0	35·0	10	16	16	—	1	—	—	18	8	—	—	4	—	—
—	—	—	—	151·5	18·0	23	16	16	—	4	—	8	7	—	—	—	11	—	—
—	—	—	—	62·0	25·0	12	7	7	—	3	—	—	3	3	—	—	22	—	—
—	—	—	—	7·0	5·0	5	2	2	—	4	—	—	—	—	—	—	26	—	—
—	—	—	—	34·0	26·0	29	2	2	—	2	—	—	—	—	—	—	29	—	—
—	—	—	—	1253·5	—	—	103	103	—	30	8	12	84	37	—	2	162	—	—

YEARLY SUMMARY.

Yearly Summary of Meteorolog

Nos.	Stations. Name	Altitude	Latitude		Longitude		Standard Pressure (mm.) Mean	Temperature (Centigrade). 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	Relative Humid (%). 8 h.	14 h.	20 h.
		m.	°	′	°	′														
1	Candia	27·1	35	20	25	8	758·51	20·0	—	19·2	19·6	22·6	15·0	37·9	July 16	5·8	January 28	57	—	63
2	Kyrenia †	13·7	35	21	33	19	58·87	23·0 9h	—	19·9 21h	21·4	25·8	14·0	40·6	June 23	*3·3*	*Jan. 31, Febr. 1*	62 9h	—	71 21h
3	Nicosia Hospital †... ...	152·1	35	11	33	22	—	20·8 9h	—	17·2 21h	19·1	27·7	11·8	44·2	July 14	— 1·7	February 1	58 9h	—	73 21h
4	,, Observatory † *	159·1	35	9	33	22	59·04	19·1	24·9 15h	—	19·6	26·3	12·8	42·8	June 22, 23	— 0·6	February 3	67	54 15h	—
5	Famagusta †	22·8	35	7	33	57	58·89	21·0 9h	—	16·9 21h	20·7	26·8	14·8	41·1	July 7, 8	1·7	February 1	64 9h	—	73 21h
6	Acheritou † *...	25·5	35	2	33	53	58·51	19·4	24·9 15h	—	19·6	25·8	13·2	41·4	June 23	— 0·6	February 3	70	55 15h	—
7	Larnaca †	10·7	34	55	33	37	59·20	22·3 9h	—	18·5 21h	20·4	26·4	12·3	43·9	June 23	— 1·1	January 25	63 9h	—	73 21h
8	Papho	74·1	34	46	32	25	—	21·5 9h	—	18·2 21h	19·8	24·6	13·2	42·2	June 22	0·0	February 8	60 9h	—	71 21h
9	Limassol P.W.D. * †	21·6	34	41	33	3	59·02	20·3	24·5 15h	—	19·3	26·2	12·6	43·9	June 22	0·0	January 20	71	65 15h	—
10	Limassol Hospital † ...	7·9	34	40	33	1	58·84	18·8 9h	—	18·1 21h	18·4	25·7	13·3	42·2	June 23	0·0	February 1	70 9h	—	75 21h
11	Damietta *	2·2	31	25	31	49	—	—	—	—	20·0	23·9	17·8	36·8	May 15	6·7	January 9, 17	—	—	—
12	Port Said	3·5	31	16	32	19	59·89	21·2	—	21·1	21·1	25·6	18·2	36·6	July 15	6·1	January 26	74	—	76
13	Alexandria (Kom el Nadûra)	32·0	31	12	29	53	57·91	20·7	25·5	20·5	20·7	25·8	18·0	40·4	May 29	6·5	January 25	71	61	72
14	Sakha	6·0	31	7	30	57	—	19·3	26·2	19·0	19·4	27·4	13·[illegible]	43·7	May 16	3·9	Jan. 26, Feb. 4	79	55	79
15	Mansûra *	7·0	31	3	31	23	—	20·1	25·1	—	22·2	28·8	14·6	44·7	May 16	4·6	February 1	73	61	—
16	Qurashîya	7·6	30	51	31	7	59·56	19·9	27·6	19·0	19·9	28·6	12·9	45·3	May 16	1·0	February 4	78	53	80
17	Zagazig	11·2	30	35	31	30	59·14	18·3	27·2	19·6	19·5	28·2	13·6	44·1	May 17	1·2	Jan. 29, Feb. 4	77	40	68
18	Benha *	13·8	30	28	31	11	—	19·6	27·8	—	21·4	28·8	14·0	44·0	May 16	*1·8*	*January 9*	80	46	—
19	Heliopolis	41·0	30	6	31	19	—	19·6	28·1	22·8	21·4	28·7	15·2	44·5	May 17	3·0	February 4	76	43	64
20	ʿAbbasîya	29·9	30	5	31	17	57·29	18·5	27·2	21·8	20·8	28·4	15·6	44·0	June 22	3·6	Jan. 23, Feb. 4	76	39	59
21	Cairo (Ezbekîya) * ...	22·0	30	3	31	15	—	19·2	—	—	22·2	29·1	15·2	44·7	May 17	3·1	Jan. 23, Feb. 4	74	—	—
22	Giza...	27·8	30	2	31	13	57·69	18·6	27·3	20·7	20·0	28·2	13·5	44·7	May 16	0·4	January 23	77	38	62
23	Suez	3·4	29	56	32	33	59·73	20·6	28·7	26·5 17h	23·3	30·3	16·3	45·0	June 21, 22	5·0	Jan. 23, 26, Feb. 4	66	34	40 17h
24	Helwân	115·6	29	52	31	20	49·65	19·2	27·5	23·0	21·4	28·0	16·1	46·0	May 17	3·5	January 28	65	30	44
25	Qasr el Gebali	7·6	29	20	30	38	—	20·0	29·2	22·0	21·4	29·8	14·5	46·4	May 16	0·5	January 23	71	42	63
26	Beni Suef *	28·4	29	4	31	6	—	21·1	—	—	21·0	29·3	12·6	46·2	June 16	1·8	January 28	67	—	—
27	Tôr	1·9	28	14	33	37	57·73	21·1	25·9	24·6	22·3	28·1	17·6	42·1	September 16	4·5	January 23	62	55	54
28	Asyût	55·4	27	11	31	13	54·43	20·1	28·7	23·9	22·3	29·6	16·6	45·0	May 17, June 22	2·5	January 22	68	44	55
29	Qena *	73·0	26	10	32	43	—	23·7	—	—	25·4	33·6	17·1	46·8	June 23	3·8	January 22, 23	52	—	—
30	Aswân	99·6	24	2	32	53	49·09	24·0	33·5	28·8	26·5	35·0	19·9	47·6	June 23	5·4	January 27	44	32	30
31	Wadi Halfa	128·3	21	55	31	19	46·96	22·4	33·6	27·7	25·3	34·8	17·5	47·5	June 24	0·0	January 27	39	18	27
32	Dongonab	5·0	21	6	37	8	—	29·7	31·5	26·8	27·4	33·7	21·5	46·9	July 9	9·5	January 27	*51*	*52*	*69*
33	Port Sudan	5·5	19	37	37	13	56·20	29·6	31·4	27·7	28·0	33·7	23·4	47·0	June 23	12·0	January 29	57	57	69
34	Suakin *	4·5	19	7	37	20	57·57	29·7	—	—	28·8	33·5	24·2	47·0	June 23, July 9	13·7	January 28	54	—	—
35	Merowe	255·1	18	29	31	50	35·44	26·3	36·5	30·0	28·5	38·4	21·2	47·7	May 19	5·8	January 29	28	13	20
36	Tokar *	18·0	18	25	37	40	—	*28·7*	—	—	*28·2*	*36·1*	20·0	*46·0*	*July 14*	10·0	January 30, 31	*60*	—	—
37	ʿAtbara	354·5	17	40	33	58	26·40	26·2	35·6	29·3	28·0	36·5	20·7	44·0	April 13, May 19, 21, June 8, 9	7·5	January 10, 29	35	16	25
38	Zeidab	365	17	23	33	55	—	19·8	35·6	28·9	25·6	36·6	17·7	44·0	April 13, May 19, 25, June 9	3·0	January 9	61	31	38
39	Khartoum (Research Farm)*	390·0	15	40	32	34	—	26·6	—	—	28·6	36·5	20·7	44·5	April 8, May 26	6·5	January 26, 27, 28	50	—	—
40	,, (Gordon College)...	390·0	15	37	32	33	23·66	25·5	34·9	29·2	27·7	35·9	21·4	44·8	April 28	8·8	January 22	37	18	28
41	Kassala	507·8	15	28	36	24	14·06	26·0	34·1	27·6	27·0	35·2	20·4	44·0	April 11, 13	8·5	January 26, 29	53	30	43
42	Tayiba	410	14	29	33	23	—	27·2	—	—	*28·0*	37·8	*17.8*	46·0	June 8	7·2	January 25	*45*	—	—
43	Wad Medani	407·6	14	24	33	31	22·01	25·2	35·8	27·8	26·8	37·0	*20·3*	45·5	April 28	*9·9*	*December 24*	50	29	43
44	Dueim	383·3	14	00	32	20	25·04	26·1	—	27·6	26·8	36·2	19·7	44·5	April 6, 7, 12	5·6	December 28	40	—	32
45	El Obeid...	568·9	13	11	30	14	9·33	23·9	32·3	26·7	24·9	34·5	16·7	44·2	April 5	4·8	January 23	40	29	35
46	Singa *	436·3	13	9	33	57	—	25·4	—	—	27·7	35·5	19·8	44·3	April 8	10·0	December 28	58	—	—
47	Gallabat	762·5	12	48	36	10	695·50	25·1	32·6	25·7	25·9	33·9	19·1	43·4	April 6, 7	10·0	December 28	55	*36*	*52*
48	Roseires	466·9	11	51	34	23	718·07	23·3	—	26·9	25·1	36·8	18·7	46·0	April 8	10·0	December 28	67	—	64
49	Kadugli*...	503·0	11	2	29	45	—	25·4	—	—	26·8	34·6	18·9	43·0	April 2	8·0	January 31	49	—	—
50	Mala Kal	393·6	9	35	31	37	25·14	25·5	32·6	25·7	26·0	34·3	20·8	42·6	March 28, 31 April 5, 6	14·6	January 20, 21	61	42	63
51	Kafia Kingi *...	596·0	9	22	24	18	—	—	—	—	21·5	24·3	18·7	35·5	March 1	8·2	December 30	—	—	—
52	Doleib Hill *...	391·0	9	18	31	38	—	26·9	—	—	28·0	35·4	20·5	45·2	April 6	12·5	December 29	61	—	—
53	Gambela *	410·0	8	15	34	35	—	24·9	—	—	26·5	33·9	19·1	42·5	April 2, 7, 8	11·5	February 14	69	—	—
54	Wau...	440·0	7	42	28	3	19·41	24·0	32·4	26·4	25·7	34·0	20·2	42·0	April 6	10·0	December 28	71	44	63
55	Mongalla	439·0	5	11	31	47	19·57	24·6	31·4	25·8	25·7	32·9	20·8	41·0	January 16	12·5	May 15	72	46	71
56	Harrar	1856·0	9	42	42	30	—	—	—	—	20·1	25·5	14·7	28·0	Several months	11·0	January 13	—	—	—

† Standard Pressure at sea-level. * Wind force at 8h only. **Note.**—Where the value of wind force is given in

Observations for the Year 1916.

Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean	Clouds (0—10). 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total	Maximum in one day: Amount	Day	Days with ≥ 0·1 mm. of rain.	≥ 1·0 mm. of rain.	Force: Mean of day or 8 h. Scale 0-10	Wind Direction: Number of observations in which the wind-direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation (mm.) per day. Piche or wild.
10·1	—	10·7	10·4	3·6	—	3·0	3·3	397·5	44·0	Jan. 13	59	46	1·1	111	49·5	7·5	20·5	77·5	57	24·5	105·5	216	5·51 P.
13·2 9h	—	12·5 21h	12·9	2·3 9h	—	2·0 21h	2·2	416·8	99·1	Dec. 24	47	43	—	63	141	16	53	146	112	3	198	—	—
10·1 9h	—	10·8 21h	10·4	2·6 9h	—	1·5 21h	2·1	463·8	126·2	Dec. 24	50	40	2·1	64	19	32	3	76	14	279	31	214	—
11·2	12·9 15h	—	—	2·8	3·3 15h	—	—	469·9	113·8	Dec. 24	52	42	1·3	93·5	67	64·5	78	54	59	95	197	24	—
12·8 9h	—	12·5 21h	12·6	2·4 9h	—	2·0 21h	2·2	322·6	45·7	Dec. 26	41	40	—	3	36	226	37	19	34	364	13	—	—
12·1	13·0 15h	—	—	2·8	3·2 15h	—	—	284·2	37·1	Dec. 26	45	37	1·3	30	147·5	55·5	43·5	125·5	58·5	60·5	80	131	—
12·7 9h	—	11·7 21h	12·2	2·9 9h	—	2·0 21h	2·5	333·0	41·7	April 13	44	39	—	83	152	27	32	55	85	95	203	—	—
11·7 9h	—	11·4 21h	11·5	2·8 9h	—	2·9 21h	2·9	399·5	37·6	Dec. 24	49	43	—	17	—	8	—	—	—	405	—	302	—
13·1	15·3 15h	—	—	2·4	3·2 15h	—	—	386·6	44·4	Jan. 5	49	45	1·3	20·5	24	63	60·5	57·5	56	292·5	21	137	—
11·7 9h	—	12·0 21h	11·9	1·1 9h	—	0·7 21h	0·9	351·0	31·5	April 13	53	41	—	6	—	326	—	28	—	301	—	71	—
—	—	—	—	2·3	—	—	—	115·8	25·5	March 17	29	21	2·2	60	25	10	28·5	22	57·5	26	76	61	—
14·3	—	14·5	14·4	3·8	—	1·5	2·7	84·5	39·0	Jan. 25	17	17	1·9	93	100	61·5	20·5	25	62·5	127·5	118	123	2·19 W.
13·1	13·5	13·3	13·3	3·4	3·0	2·7	3·0	199·0	47·0	Jan. 3	27	27	1·8	211·5	145	30·5	13	16·5	19	107	240·5	314	2·09 W.
13·6	14·2	13·2	13·7	1·0	1·0	0·8	0·9	110·7	13·4	Dec. 26	24	19	1·4	84·5	78	—	69	—	23	1·5	258	584	3·72 P.
13·4	15·1	—	—	1·1	1·0	—	—	71·3	19·8	March 18	19	19	1·7	86	112	61	46	48	76	164	139	—	3·61 W.
13·9	14·9	13·5	14·1	2·6	2·9	0·9	2·1	51·1	5·4	Nov. 2	19	13	0·9	166·5	139	46	20	9	34	48·5	117	518	4·60 P.
12·3	10·4	11·4	11·4	2·2	2·6	1·2	2·0	18·2	4·1	March 18	9	7	0·7	200	28·5	58·5	16·5	29	33·5	123	181	420	2·90 W.
13·9	12·8	—	—	3·7	3·5	—	—	72·2	15·2	Nov. 4	11	11	2·0	77·5	220	85	34	15·5	74	95	119	2	6·17 P.
13·3	12·2	13·3	12·9	2·9	2·2	1·2	2·1	—	—	—	—	—	1·5	391	28	55	1	45	1	76	8	493	7·92 P.
12·4	10·2	11·1	11·2	3·0	2·6	1·3	2·3	42·3	15·7	March 18	17	10	3·2	507	30	19	7	123	37	191	112	72	—
12·5	—	—	—	3·0	—	—	—	41·6	12·7	March 18	15	7	1·0	104·5	15·5	1·5	4	35·5	17	6·5	33·5	148	4·92 P.
12·6	9·9	11·0	11·2	3·1	2·1	1·1	2·1	28·9	7·0	Feb. 5	11	7	0·9	419·5	27·5	0·5	4·5	24·5	78·5	24	320	191	4·85 W.
12·3	9·7	9·9 17h	11·0	1·3	1·2	1·2 17h	1·2	17·0	4·0	Dec. 29	13	7	0·8	291·5	134	27	5·5	25·5	27	44	131·5	364	—
10·7	7·6	8·9	9·1	2·1	2·5	1·5	2·0	61·2	25·8	March 18	15	10	3·2	405	248	42·5	32·5	52·5	47·5	49·5	216·5	4	6·35 W.
12·5	12·6	12·3	12·5	1·5	1·7	0·9	1·4	—	—	—	—	—	2·0	804·5	47	6	12·5	19	12·5	13·5	63	111	4·48 W.
12·6	—	—	—	0·8	—	—	—	—	—	—	—	—	1·0	225	12	6	8	6	19	35	44	—	5·21 W.
12·3	14·2	12·6	13·0	1·7	1·8	1·6	1·7	—	—	—	—	—	2·6	88	69·5	2·5	4	29·5	15	1	686·5	196	7·58 P.
12·2	13·0	12·2	12·5	0·7	0·8	0·5	0·7	—	—	—	—	—	2·8	227	22	5	22	21·5	12·5	266·5	521·5	—	8·19 W.
11·6	—	—	—	3·7	—	—	—	—	—	—	—	—	2·2	47·5	3·5	4	5	7	10	44	243	—	5·91 P.
10·3	13·4	9·7	11·1	0·8	1·0	0·7	0·9	—	—	—	—	—	2·4	457	148	—	2	22·5	60	31·5	290	87	9·68 W.
7·4	6·6	7·2	7·1	0·6	0·8	0·6	0·6	—	—	—	—	—	1·3	480	51	7	6	5·5	8·5	16·5	89·5	434	17·47 P.
15·4	17·4	18·1	17·0	2·0	1·8	1·2	1·7	111·3	35·7	Nov. 3	9	8	1·6	278·5	133·5	48	79	20·5	6·5	21	126	275	12·48 P.
16·8	18·8	18·9	18·1	2·5	2·3	1·8	2·2	167·9	70·0	Nov. 3	11	11	2·8	202	201·5	297	58·5	12	15·5	109·5	82	58	10·20 P.
16·3	—	—	—	3·8	—	—	—	294·3	84·3	Nov. 3	20	18	2·5	40	19·5	6·5	25	44	12·5	74	123·5	21	8·02 P.
7·3	6·1	6·3	6·6	1·3	1·4	1·0	1·3	—	—	—	—	—	3·0	348	113·5	10·5	16·5	38	232·5	111·5	227·5	—	17·53 P.
17·6	—	—	—	4·1	—	—	—	51·8	18·1	Dec. 15	8	8	3·2	161	—	—	27	91	—	6	—	51	14·31 P.
9·0	6·8	7·6	7·8	0·8	1·1	0·6	0·8	52·0	28·5	Aug. 31	6	5	1·6	478·5	99·5	36·5	15	98	116	64·5	59	131	16·79 P.
11·1	13·8	11·7	12·5	—	—	—	—	63·3	15·4	Aug. 2	10	10	—	—	—	—	—	—	—	—	—	—	10·24 P.
13·3	—	—	—	1·2	—	—	—	122·4	34·6	Aug. 4	14	13	2·3	60·5	141	9	10·5	15	100·5	4·5	9	16	16·70 P.
9·3	7·5	8·3	8·4	2·4	2·6	1·2	1·9	146·9	37·9	Aug. 3	17	13	2·8	382·5	186·5	33	15·5	158·5	132	35·5	38·5	116	14·98 P.
12·9	11·0	11·4	11·8	1·7	2·3	2·0	2·0	487·9	54·0	July 23	42	42	2·3	239	136	59·5	38	201	201	49·5	170	4	9·32 P.
12·2	—	—	—	—	—	—	—	224·4	44·0	June 29	19	19	—	—	—	—	—	—	—	—	—	—	—
11·9	12·1	12·0	11·9	1·5	2·1	1·9	1·8	507·2	84·0	July 31	36	30	1·6	189·5	99·5	144·5	25·5	179·5	139	171·5	102	16	12·01 P.
10·1	—	8·8	9·4	1·9	—	1·3	1·6	271·6	41·0	Aug. 16	37	29	3·0	357	28·5	16·5	33·5	255·5	24	7·5	9·5	—	13·49 P.
9·1	10·1	9·4	9·5	1·8	1·9	1·9	1·8	314·3	46·1	Aug. 8	38	35	2·8	162·5	245	31	168·5	181·5	190	4·5	110	5	14·84 P.
14·2	—	—	—	3·1	—	—	—	778·0	87·2	July 3	58	52	2·3	123	14	17	31	120	44	12	1	4	11·14 P.
12·5	11·6	11·6	11·8	2·8	4·3	3·9	3·7	886·4	91·7	July 5	93	78	1·4	95	11	70	26·5	109	76·5	190	51	352	9·34 P.
14·4	—	16·7	15·6	3·9	—	4·0	3·9	896·6	70·4	July 1	70	65	2·6	126	9	14	5	276	73	147	82	—	11·10 P.
11·7	—	—	—	3·6	—	—	—	709·2	54·4	June 28	80	61	2·9	13	81·5	26·5	81	40	68	16·5	16·5	23	10·74 P.
14·6	13·7	15·0	14·4	4·4	5·0	3·3	4·2	918·2	78·5	June 19	76	69	1·1	35·5	263	29	21·5	68	71·5	30·5	24	555	10·72 P.
—	—	—	—	—	—	—	—	1043·1	73·5	Aug. 8	80	80	3·0	40	72	68	—	77	17	30	33	29	—
15·8	—	—	—	2·6	—	—	—	800·0	83·0	June 17	84	69	2·2	33·5	73	23·5	25·5	71·5	37·5	17	5·5	40	—
15·8	—	—	—	2·6	—	—	—	1026·9	79·0	Aug. 21	125	119	1·3	4	6	31	104·5	23·5	7·5	54·5	19	116	5·78 P.
15·8	15·0	15·7	15·5	3·8	3·8	2·9	3·5	1446·6	102·0	Aug. 22	95	88	1·5	81	139·5	149·5	184	234	233·5	42	31·5	3	6·72 P.
16·4	14·8	16·8	16·0	5·8	6·5	4·2	5·5	1464·9	78·7	July 2	139	109	0·3	86·5	39	27·5	14	30	36·5	30·5	60	773	5·58 P.
—	—	—	—	—	—	—	—	1253·5	48·0	July 23	103	103	—	30	8	12	84	37	—	2	162	—	—

type, the force is derived from anemometer readings.

Duration of Sunshine.

ALEXANDRIA (Kom el Nadura), 1916.

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	7·2	71	8·6	81	8·3	72	10·0	81	11·4	85	12·4	89	—	—	11·8	87	10·8	84	9·9	84	7·7	71	3·4	33
2	5·4	53	8·8	83	2·6	23	9·5	76	11·8	83	12·3	88	12·3	87	11·8	87	10·9	85	9·7	82	7·5	69	6·5	64
3	0·0	0	8·9	83	7·5	65	10·4	83	12·0	90	12·2	87	11·7	83	12·2	90	10·3	81	9·0	76	0·0	0	6·6	65
4	1·3	13	8·0	75	5·5	47	8·4	67	12·1	90	11·2	80	12·2	87	12·1	89	11·0	87	9·7	83	1·0	9	7·2	71
5	4·0	40	8·8	82	8·7	75	10·0	79	11·7	87	11·8	84	12·6	89	11·8	87	10·9	87	9·2	79	5·1	47	8·2	80
6	0·0	0	1·0	9	9·2	79	2·8	22	11·5	85	11·7	84	12·5	89	12·1	90	11·2	89	8·3	71	1·3	12	7·4	73
7	4·0	39	6·9	64	7·4	63	7·8	62	11·1	82	12·3	87	12·7	91	11·7	87	11·2	89	8·4	72	5·7	53	4·2	42
8	4·6	45	5·0	46	8·1	69	9·2	72	11·3	84	11·5	82	12·5	89	8·6	64	10·9	87	8·8	76	7·7	72	8·0	79
9	8·4	82	7·3	68	3·2	27	9·0	71	12·1	89	11·4	81	12·4	89	11·6	87	10·7	86	9·3	80	7·0	65	8·2	81
10	8·5	83	8·3	76	8·8	75	10·6	83	11·8	87	12·2	87	12·3	88	12·0	90	10·4	83	9·3	81	9·0	85	8·2	81
11	8·2	80	9·2	84	6·4	54	10·0	83	12·5	92	12·2	87	12·4	89	8·7	65	10·3	82	9·4	82	8·9	84	8·8	87
12	0·0	0	7·6	70	8·5	72	5·3	41	10·1	79	12·2	87	12·1	86	11·6	87	10·6	85	9·2	80	9·1	86	8·4	83
13	1·5	15	0·6	5	9·2	78	3·8	30	5·8	33	12·4	88	12·4	89	11·6	87	10·1	81	9·0	78	8·9	84	8·5	84
14	4·3	42	8·5	77	9·5	80	9·8	76	8·8	64	12·5	89	12·3	88	11·9	89	10·2	82	9·0	79	9·0	85	4·5	45
15	8·2	80	8·2	75	8·4	71	8·5	66	7·6	57	12·5	89	11·4	81	11·0	83	9·9	80	8·7	76	5·4	51	7·5	74
16	7·5	73	8·7	79	3·0	25	10·7	83	8·7	64	12·4	88	12·0	86	11·9	90	9·8	80	8·2	72	8·6	82	6·3	62
17	4·6	45	6·0	54	9·5	79	10·4	81	7·2	54	12·2	87	12·3	88	11·9	90	8·9	72	9·5	84	6·2	59	8·4	83
18	0·6	6	8·7	78	2·3	19	8·1	62	8·5	62	12·3	87	10·9	78	11·8	86	10·2	84	9·6	85	5·8	56	7·9	78
19	7·2	70	7·8	70	8·7	72	9·6	74	10·8	78	12·3	87	12·0	86	12·1	92	10·2	84	9·3	82	8·2	79	6·2	61
20	5·9	57	3·4	30	8·7	72	11·8	91	11·8	86	12·3	87	12·3	88	12·1	92	9·4	77	9·3	83	7·0	67	5·3	52
21	6·0	58	8·0	79	9·4	78	12·0	92	12·4	90	11·9	84	12·0	87	11·8	90	9·7	80	9·5	85	7·8	75	8·8	87
22	7·0	67	4·7	42	10·0	83	11·0	84	11·6	80	12·0	85	11·9	86	11·8	90	9·7	80	9·1	81	6·7	64	5·3	52
23	0·1	1	8·9	79	10·0	82	9·5	73	11·8	86	9·4	67	11·5	83	11·7	90	9·2	76	9·0	80	8·0	77	5·7	56
24	6·6	63	6·5	58	7·7	63	10·0	76	11·8	85	12·2	87	10·9	79	11·7	90	9·7	81	9·0	81	8·6	83	8·6	85
25	2·2	21	8·2	73	2·9	24	10·7	81	12·5	90	11·4	81	11·3	82	11·7	90	7·8	65	9·0	81	8·9	86	5·5	54
26	4·5	43	6·5	50	9·0	73	8·9	67	11·9	86	12·0	85	11·5	83	11·7	91	9·7	81	9·3	84	9·1	88	4·0	40
27	4·6	44	5·3	46	9·9	80	9·0	68	12·3	88	12·1	86	12·3	90	10·9	84	9·4	78	9·0	82	5·0	49	5·9	58
28	9·0	86	8·1	71	9·6	78	2·2	17	12·3	88	12·3	87	12·3	90	11·5	86	9·3	78	8·9	81	5·6	54	6·3	62
29	8·4	79	2·8	25	6·0	48	11·2	84	11·3	81	12·3	87	12·3	90	11·7	91	9·2	77	8·4	76	8·9	87	6·5	64
30	9·1	86			8·4	68	11·5	86	11·9	85	12·5	86	12·2	86	11·5	92	10·4	87	8·3	75	7·7	75	3·5	35
31	7·7	73			10·0	81			12·4	89			12·0	88	11·9	93			8·9	82			1·8	18
Month	5·1	49	6·9	63	7·6	64	9·1	70	11·0	81	12·0	85	12·0	87	11·6	87	10·1	82	9·1	80	6·8	65	6·5	64

PORT SAID, 1916.

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	5·0	50	10·6	100	—	—	10·8	87	12·8	96	13·1	94	13·7	97	12·6	93	2·5	20	9·7	82	10·9	100	8·6	84
2	9·5	94	10·5	99	8·8	77	9·8	78	11·6	88	13·4	96	12·8	91	13·1	96	11·1	87	11·7	99	10·2	94	9·3	91
3	3·3	33	10·7	100	9·3	81	11·2	90	11·3	84	13·0	93	13·2	94	13·2	97	9·4	74	10·3	87	7·7	71	6·6	65
4	3·8	38	10·2	95	1·5	13	12·2	97	7·2	54	12·3	88	13·6	99	12·8	94	11·8	93	11·4	97	5·1	47	6·5	64
5	5·8	57	2·1	20	5·1	44	10·5	83	12·6	93	12·5	89	13·6	99	12·8	95	11·5	91	9·3	79	9·7	90	10·2	100
6	8·3	82	10·2	94	10·7	92	7·0	56	12·5	91	12·7	91	13·6	96	12·6	93	11·5	91	10·9	93	9·2	85	9·4	92
7	5·1	50	9·6	89	8·4	72	9·8	78	11·8	87	12·0	85	13·7	98	11·8	87	12·3	98	10·0	85	9·5	89	6·5	64
8	3·1	30	8·0	74	11·0	94	11·2	88	12·0	89	12·3	87	13·6	97	12·7	94	11·4	90	11·1	96	10·2	95	9·2	91
9	10·2	100	6·7	62	3·2	27	7·4	58	12·8	94	12·8	91	10·4	74	12·8	96	11·4	91	10·6	91	10·0	93	9·7	96
10	10·2	100	10·9	100	8·5	72	10·2	86	12·5	92	12·7	90	12·4	89	12·5	93	11·9	95	11·3	98	10·6	100	9·1	90
11	10·2	100	10·9	100	7·5	64	10·5	92	13·0	96	13·2	94	13·5	96	11·2	84	11·5	92	11·3	98	10·5	99	9·3	92
12	0·0	0	9·9	91	10·5	89	4·0	31	10·0	74	13·2	94	13·3	95	11·0	82	12·2	98	11·5	100	9·3	88	9·5	94
13	0·0	0	7·6	69	6·6	58	0·0	0	10·3	76	13·5	99	13·5	96	12·7	95	11·8	95	10·2	89	10·6	100	9·8	97
14	3·8	37	11·0	100	11·2	94	9·4	73	11·0	80	13·5	96	13·1	94	12·8	96	11·2	90	11·4	100	9·9	93	8·4	83
15	10·2	99	0·4	4	10·2	86	9·2	71	8·0	58	13·5	96	11·6	83	12·5	94	11·7	95	11·2	98	8·4	80	10·1	100
16	10·3	100	10·6	96	5·8	48	12·1	94	10·4	76	13·5	96	12·0	86	12·9	98	11·4	93	—	—	9·5	90	9·8	97
17	9·4	82	8·5	77	10·5	88	12·6	98	11·3	82	13·4	95	12·8	92	13·2	100	11·6	94	10·6	94	8·5	81	9·6	95
18	2·1	20	9·7	87	4·5	38	4·3	33	11·1	85	13·2	94	12·3	88	12·8	97	11·2	92	11·3	100	8·1	78	9·7	96
19	5·2	50	10·0	90	7·4	62	10·8	83	9·2	67	12·4	88	13·3	96	12·8	97	11·2	92	11·2	99	10·4	100	10·1	100
20	2·6	25	3·0	27	9·3	77	12·8	98	12·0	87	13·5	96	13·2	95	13·0	99	10·9	89	10·9	97	9·1	88	9·5	94
21	10·3	99	11·0	98	—	—	12·7	98	12·8	93	13·3	94	13·2	96	12·8	98	11·8	97	11·2	100	9·2	88	10·1	100
22	7·7	74	7·4	66	9·7	80	11·0	84	13·1	95	12·6	89	12·8	93	12·7	97	11·8	98	11·2	100	2·3	22	8·6	85
23	10·1	97	10·8	96	10·5	86	12·1	92	13·0	94	13·5	96	12·5	89	12·7	98	11·3	93	10·1	90	9·7	93	10·0	99
24	5·5	53	9·2	81	9·7	80	12·0	92	11·2	81	13·4	95	13·0	94	13·0	100	10·6	88	10·8	97	9·8	95	9·6	95
25	3·2	31	10·7	95	3·1	25	12·2	92	13·1	94	13·0	92	12·9	93	13·0	100	11·0	92	9·9	89	10·3	100	7·0	69
26	6·5	62	5·0	44	9·4	76	11·0	83	13·1	94	13·4	95	12·0	87	12·9	100	11·6	97	11·0	99	10·3	100	6·5	64
27	3·7	35	7·2	63	11·0	89	8·7	66	12·8	92	11·9	84	13·1	96	12·5	97	11·5	96	9·6	87	10·0	97	7·0	69
28	7·3	70	10·4	91	10·7	87	1·4	11	13·2	95	13·5	96	12·9	94	11·7	91	11·5	97	11·0	100	9·0	87	7·8	77
29	7·6	72	9·0	79	10·0	81	11·8	89	12·6	90	12·9	91	12·4	91	12·8	99	10·0	84	10·2	93	10·2	100	7·3	72
30	10·4	98			8·4	68	12·3	92	11·7	84	13·0	92	12·5	91	12·8	100	11·9	100	10·9	99	9·6	94	4·6	46
31	10·6	100			10·8	87			12·3	88			13·1	96	12·8	100			9·8	90			6·2	61
Month	6·5	63	8·7	79	8·4	70	9·7	75	11·7	85	13·0	92	12·9	93	12·6	95	11·1	90	10·7	94	9·3	88	8·6	85

Duration of Sunshine.

QURASHIYA, 1916.

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	0·0	0	8·7	82	7·7	67	9·1	75	11·5	86	11·2	80	9·7	69	11·8	87	8·0	62	9·4	80	7·0	64	1·2	12
2	1·5	15	8·6	81	0·8	7	9·6	77	10·2	76	10·8	77	10·8	77	12·3	90	9·2	72	9·4	80	7·1	65	5·0	49
3	0·0	0	9·0	84	4·7	41	9·8	78	10·0	75	10·5	75	10·1	72	12·3	90	7·8	61	9·3	79	1·6	15	2·8	27
4	2·5	25	7·5	70	0·5	4	8·2	65	11·0	82	10·3	74	10·2	72	11·7	86	7·5	59	8·3	71	5·3	49	4·9	48
5	1·7	17	0·0	8	4·6	40	9·3	74	12·0	89	9·6	69	8·9	63	11·5	85	8·4	67	8·4	72	6·0	56	5·3	52
6	0·0	0	6·7	62	8·5	73	6·4	51	10·0	74	10·4	74	9·8	70	11·9	88	8·3	66	8·4	72	6·6	61	4·1	40
7	2·0	20	6·8	63	5·8	50	6·5	52	11·4	84	10·0	71	10·1	72	10·8	80	8·0	63	8·6	74	5·2	49	2·5	25
8	2·5	25	6·8	63	7·5	64	7·5	59	12·0	89	10·4	74	10·5	75	11·7	87	8·8	70	7·8	67	7·6	71	4·6	46
9	7·8	76	6·5	60	1·7	15	7·0	55	11·9	87	10·3	73	11·0	79	12·1	90	9·2	74	9·0	78	7·2	67	4·1	41
10	8·5	83	7·6	70	6·0	51	9·2	72	11·5	85	10·0	71	11·1	79	11·6	87	9·0	72	8·8	77	8·1	76	4·3	43
11	8·0	78	8·6	79	5·5	47	8·7	68	12·0	88	9·8	70	9·8	70	11·0	82	9·3	74	8·7	76	7·2	68	6·4	63
12	0·0	0	7·1	65	8·5	72	3·2	25	8·7	64	10·1	72	10·2	73	12·0	90	9·6	77	9·0	78	7·0	66	7·2	71
13	0·0	0	1·5	14	8·8	75	0·9	7	7·9	58	10·2	72	11·5	82	12·2	92	9·0	73	9·2	80	6·5	61	7·8	77
14	0·7	7	8·4	76	8·8	74	8·4	65	8·4	61	9·5	67	10·1	72	11·4	86	9·4	76	8·1	71	7·7	73	2·0	20
15	7·0	68	1·3	12	7·8	66	8·7	67	7·4	54	9·6	68	11·4	81	11·7	88	9·7	79	7·0	61	2·3	22	7·2	71
16	5·0	49	7·7	70	3·3	28	11·1	86	8·7	64	9·4	67	11·5	83	11·6	89	9·3	76	6·7	59	5·7	54	6·4	63
17	1·8	17	5·1	46	8·8	73	9·5	74	9·2	67	9·5	67	11·6	83	11·2	85	9·3	76	6·8	60	4·6	44	7·2	71
18	1·1	11	8·1	73	3·0	25	5·5	42	7·4	54	9·4	67	10·7	77	11·5	87	9·5	78	7·5	66	6·0	58	7·2	71
19	3·5	34	8·0	72	5·8	48	9·8	75	9·8	71	9·4	67	12·2	88	11·9	90	9·0	74	7·5	66	7·6	73	4·0	40
20	4·5	43	1·0	9	7·5	62	11·8	91	12·1	88	9·5	67	12·2	88	11·7	89	9·4	77	7·1	63	3·8	37	2·8	28
21	8·3	80	6·7	60	8·8	73	11·3	87	12·3	89	9·2	65	11·9	86	11·9	91	9·4	77	7·9	71	5·7	55	6·2	61
22	7·2	69	3·5	31	9·7	80	10·0	76	12·0	87	9·4	67	10·9	79	11·5	88	9·2	76	7·4	66	1·6	15	5·4	53
23	5·4	52	7·3	65	9·3	76	9·8	75	12·1	88	9·8	70	11·6	84	11·6	89	8·7	72	8·1	72	6·5	62	2·8	28
24	4·7	45	4·5	49	7·2	59	11·4	87	11·7	84	9·3	66	11·6	84	11·4	88	9·0	75	8·3	75	6·0	58	5·5	54
25	5·2	50	7·7	68	4·3	35	8·8	67	12·3	88	9·6	68	12·2	88	11·7	90	7·0	58	8·3	75	7·0	68	0·6	6
26	2·7	26	4·3	38	8·7	71	8·5	64	11·8	85	10·2	72	11·6	84	10·9	84	8·6	72	8·4	76	6·8	66	1·3	13
27	2·3	22	1·4	12	9·1	74	8·3	65	11·9	86	9·7	69	12·2	89	9·9	77	8·5	71	7·8	71	5·4	52	3·2	32
28	8·1	77	4·4	39	8·3	67	2·3	17	11·7	84	9·8	70	12·2	89	10·3	80	9·0	76	8·0	73	6·5	63	1·5	15
29	6·2	58	2·0	18	6·7	54	10·8	81	11·1	79	9·3	66	12·2	89	11·1	86	9·2	77	7·9	72	6·0	59	2·0	20
30	1·1	10			7·7	62	11·8	89	11·7	84	9·7	69	11·3	82	11·6	91	9·4	79	7·7	70	5·2	51	0·3	3
31	8·0	75			9·4	76			11·7	84			11·3	83	11·3	88			7·2	66			1·3	13
Month	3·8	37	5·8	53	6·6	55	8·4	65	10·8	79	9·9	70	11·0	79	11·5	87	8·9	72	8·1	72	5·9	50	4·1	41

KHARTOUM (Gordon College), 1916.

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	9·0	80	9·3	82	8·2	69	9·5	78	9·0	71	11·5	88	6·5	50	8·0	63	4·8	39	10·0	83	8·7	76	9·5	85
2	9·2	82	9·0	79	8·6	73	9·2	75	8·5	67	11·3	87	0·0	0	9·4	73	9·5	77	9·7	81	8·2	71	9·5	85
3	7·3	65	9·0	79	8·4	71	9·3	76	6·5	51	11·4	88	5·4	42	10·8	84	8·8	71	9·0	76	9·2	80	9·5	85
4	7·2	64	8·0	70	8·6	73	9·4	76	10·5	83	7·2	55	7·5	58	0·0	0	9·0	73	8·5	71	9·3	81	9·5	85
5	8·8	79	8·3	73	8·7	74	9·4	76	11·2	88	11·4	88	8·6	66	10·0	78	3·4	27	9·8	82	9·4	82	9·6	86
6	8·8	79	9·0	78	8·8	74	9·4	76	11·0	87	10·3	79	0·8	6	6·1	48	10·4	85	10·0	84	9·4	82	9·6	86
7	8·7	78	9·0	78	9·0	76	9·6	78	11·8	93	8·8	68	5·6	43	4·6	36	9·3	76	8·4	71	9·3	82	9·5	85
8	8·7	78	9·2	80	8·8	74	9·8	79	9·1	71	7·2	55	6·3	48	10·9	86	9·7	79	7·9	66	9·1	80	9·5	85
9	9·0	80	8·5	74	8·9	75	10·0	81	2·5	20	11·0	85	6·5	50	0·6	5	10·0	81	8·4	71	8·5	75	9·5	85
10	9·0	80	9·0	76	8·8	74	10·0	81	8·6	67	5·5	42	9·0	69	3·9	31	10·6	86	6·2	53	8·5	75	9·5	85
11	9·4	84	9·3	81	8·5	71	9·7	78	11·7	91	5·0	38	3·8	29	6·2	49	9·8	80	8·0	68	9·1	80	9·3	83
12	9·5	85	9·5	82	8·9	74	9·7	78	11·3	88	4·2	32	6·3	48	8·5	67	3·0	25	9·4	80	9·2	81	9·4	84
13	9·0	80	9·3	80	8·6	73	7·6	61	6·8	53	4·2	32	0·5	4	9·3	74	10·0	82	9·3	79	9·0	79	9·5	85
14	9·0	80	9·2	79	9·2	77	2·6	21	4·0	31	11·5	88	0·0	0	6·3	50	6·4	52	8·2	69	9·0	79	9·5	85
15	8·7	78	9·7	84	9·2	77	1·9	15	9·6	75	8·8	68	1·3	10	8·7	69	9·2	75	8·3	70	8·6	75	9·4	84
16	8·8	78	8·0	69	9·4	78	10·4	84	10·7	84	6·5	50	3·3	26	9·0	71	4·2	34	8·6	73	8·8	77	9·2	82
17	7·9	70	7·5	65	9·2	77	10·0	80	9·3	73	7·3	56	7·2	56	3·6	29	6·4	52	9·4	80	8·8	77	9·1	81
18	7·5	66	8·8	76	9·2	77	10·2	82	8·8	69	9·0	69	5·4	42	8·2	65	6·4	52	9·2	79	9·2	81	9·4	84
19	5·5	49	9·3	80	9·0	75	8·8	70	7·8	61	7·1	55	0·1	1	0·0	0	8·3	69	9·5	81	9·1	81	8·9	79
20	8·5	75	8·3	72	8·8	73	10·7	86	8·5	66	7·3	59	0·3	2	9·3	78	7·7	64	9·6	82	8·0	71	7·4	66
21	8·9	79	8·8	75	9·3	77	11·3	90	8·8	68	6·4	49	6·4	50	8·3	66	8·6	71	9·5	81	7·8	69	9·3	83
22	9·5	84	9·6	82	9·4	78	11·7	94	8·6	67	6·6	51	4·8	37	10·2	82	8·8	73	9·6	82	9·0	80	9·7	87
23	7·0	62	9·2	79	9·5	79	11·7	93	8·0	62	7·5	58	9·2	71	6·9	55	4·3	36	9·5	82	9·1	81	9·7	87
24	8·5	75	9·2	79	9·3	77	11·7	93	10·9	84	8·2	40	1·0	8	4·5	36	8·5	70	9·6	83	9·6	85	9·4	84
25	8·8	78	9·6	82	9·5	79	9·6	76	11·3	88	3·0	23	4·8	38	8·2	66	10·0	83	9·6	83	9·5	84	9·0	80
26	8·7	76	9·6	82	9·5	78	11·6	92	3·8	29	1·0	8	3·8	30	7·3	58	8·0	67	9·5	82	9·5	84	9·4	84
27	8·5	75	9·6	81	9·5	78	11·7	93	11·0	85	2·0	15	4·1	32	0·6	5	9·5	79	9·4	81	9·4	83	9·6	86
28	8·8	77	9·2	78	9·7	80	10·3	82	5·8	45	3·5	27	1·9	15	5·4	44	10·0	83	9·5	82	9·3	83	9·5	85
29	9·0	79	8·3	70	9·4	77	10·3	82	8·2	64	6·5	50	0·2	2	8·3	67	10·0	83	9·4	81	9·4	84	8·0	71
30	9·0	79			9·5	78	9·5	75	10·5	81	3·2	25	2·2	17	0·2	2	10·0	83	9·4	81	9·2	82	9·5	85
31	9·0	79			9·2	75			11·5	88			7·1	55	4·7	38			9·2	79			9·7	87
Month	8·6	76	9·0	77	9·1	76	9·6	77	8·9	69	7·0	54	4·2	32	6·4	51	8·2	67	9·1	77	9·0	79	9·3	83

RAINFALL TABLES.

Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT.

Ras el Dabba (Mediterranean Sea Coast).

φ=31° 6′ N. λ=28° 28′ E. h=15 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)
1916					
January ...	79·8	25·0	2	13	10
February ...	16·0	16·0	8	1	1
March ...	43·0	20·0	17	4	4
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...	3·0	2·5	3	2	1
December...	36·1	17·5	25	4	3
TOTAL ...	177·9	—	—	24	19

Mex (near Alexandria).

φ=31° 9′ N. λ=29° 51′ E. h=5 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)
1916					
January ...	88·3	31·2	3	11	10
February ...	9·1	5·8	8	4	3
March ...	3·1	2·8	18	2	1
April... ...	2·5	2·5	13	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...	35·3	23·6	2	4	2
December...	21·8	9·4	7	9	3
TOTAL ...	160·1	—	—	31	20

Rosetta (Lighthouse).

φ=31° 30′ N. λ=30° 20′ E. h=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)
1916					
January ...	83·0	28·0	4	13	13
February ...	19·5	13·3	20	2	2
March ...	7·3	3·9	11	2	2
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	29·7	20·9	2	3	3
December...	17·8	17·0	26	3	1
TOTAL ...	157·3	—	—	23	21

Damanhûr.

φ=31° 2′ N. λ=30° 29′ E. h=7 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)
1916					
January ...	67·9	29·7	3	10	9
February ...	15·6	6·0	5	4	3
March ...	17·3	13·7	18	5	3
April... ...	3·4	3·4	13	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..	5·5	5·2	2	2	1
December...	15·4	5·7	25	5	4
TOTAL ...	123·1	—	—	27	21

Rainfall Stations in GHARBIYA, DAQAHLIYA AND SHARQIYA PROVINCES, LOWER EGYPT.

Burullus (Lighthouse).

φ=31° 36′ N. λ=31° 5′ E. h=10 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)
1916					
January ...	62·2	11·8	3	16	12
February ...	24·5	14·2	8	6	3
March ...	26·8	13·7	18	4	4
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	47·3	44·6	3	2	2
December...	10·9	4·7	28	5	4
TOTAL ...	171·7	—	—	33	25

Kafr el Zaiyât.

φ=30° 49′ N. λ=30° 51′ E. h=10 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)
1916					
January ...	28·1	11·5	3	7	6
February ...	13·7	8·0	5	3	3
March ...	0·0	0·0	—	—	—
April... ...	0·2	0·2	13	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...	16·8	6·5	29	3	3
TOTAL ...	58·8	—	—	14	12

Kafr el Sheikh.

φ=31° 7′ N. λ=30° 57′ E. h=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)
1916					
January ...	45·5	8·0	6,23	6	6
February ...	15·0	8·5	9	2	2
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	2·0	2·0	2	1	1
December...	23·0	15·0	25	4	4
TOTAL ...	83·5	—	—	13	13

Damietta (Lighthouse).

φ=31° 31′ N. λ=31° 51′ E. h=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)
1916					
January ...	70·1	28·8	5	11	8
February ...	8·4	4·2	6	3	2
March ...	29·6	23·3	19	4	3
April... ...	2·1	2·1	14	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	1·0	0·8	6	2	—
December...	51·8	26·4	26	5	4
TOTAL ...	163·0	—	—	26	18

Faqûs.

φ=30° 45′ N. λ=31° 50′ E. h=10 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)
1916					
January ...	5·3	2·5	18	5	2
February ...	12·6	11·2	5	2	1
March ...	7·9	6·4	18	2	2
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 .	No observations				
October ...					
November..					
December...	*10·0*	4·8	28	4	3
TOTAL ...	*35·8*	—	—	*13*	*8*

Ismailîa * (Suez Canal).

φ=30° 36′ N. λ=32° 16′ E. h=10 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)
1916					
January ...	20·3	6·8	27	6	6
February ...	18·1	8·1	6	4	4
March ...	4·8	4·8	19	1	1
April... ...	3·0	3·0	15	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 .	1·8	1·8	7	1	1
December...	11·0	7·2	29	4	2
TOTAL ...	59·0	—	—	17	15

* Kindly furnished by the Suez Canal Co.

Rainfall Stations in the SUDAN.

Abu Hamed.

φ=19° 30′ N. λ=33° 20′ E. h=310 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)
1916					
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	—	—	—	—

Thamiam.

φ=18° 22′ N. λ=36° 34′ E. h=910 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	1·0	1·0	29	1	1
May	1·3	1·3	3	1	1
June	7·6	4·0	27	2	2
July	35·0	35·0	29	1	1
August ...	9·6	3·0	31	5	5
September.	0·0	0·0	—	—	—
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	54·5	—	—	10	10

Gebeit.

φ=18° 56′ N. λ=36° 51′ E. h=800 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)
1916					
January ...	2·4	1·3	12	2	2
February ...	0·4	0·4	7	1	—
March ...	0·0	0·0	—	—	—
April	0·0	0·0	—	—	—
May	1·8	1·8	12	1	1
June	13·6	11·0	26	3	3
July	14·6	9·7	29	3	2
August ...	73·5	35·5	13	10	7
September.	50·9	37·0	29	3	2
October ...	0·0	0·0	—	—	—
November.	0·9	0·9	2	1	—
December...	0·0	0·0	—	—	—
TOTAL ...	158·1	—	—	24	17

Talgwareb.

φ=18° 17′ N. λ=35° 55′ E. h=540 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	14·0	14·0	29	1	1
May	3·9	3·0	1	2	1
June	4·7	4·7	26	1	1
July	41·0	31·5	30	2	2
August ...	45·0	17·0	16	5	5
September..	5·5	3·5	14	3	2
October ...	11·0	11·0	29	1	1
November..	3·0	3·0	2	1	1
December...	0·0	0·0	—	—	—
TOTAL ...	128·1	—	—	16	14

Sallum.

φ=19° 23′ N. λ=37° 10′ E. h=170 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	3·4	3·4	30	1	1
May	2·5	2·5	4	1	1
June... ...	2·3	2·3	29	1	1
July	4·7	4·7	30	1	1
August ...	14·4	9·6	4	2	2
September...	2·8	2·8	29	1	1
October ...	0·0	0·0	—	—	—
November...	61·7	20·3	11	6	6
December...	3·6	3·6	2	1	1
TOTAL ...	95·4	—	—	14	14

Khashm el Girba (R. Atbara).

φ=14° 59′ N. λ=35° 57′ E. h=480 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	No observations.				
March ...					
April... ...					
May					
June	231·0	98·0	26	7	7
July	407·0	94·0	26	10	10
August ...	368·0	74·0	9	11	11
September...	100·0	64·0	9	2	2
October ...	32·0	32·0	13	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	*1138·0*	—	—	*31*	*31*

Rainfall Stations in the SUDAN *(continued)*.

Gedaref (R. Atbara Basin).

φ=14° 2′ N. λ=35° 24′ E. h=500 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April	0·0	0·0	—	—	—
May	10·4	6·7	25	2	2
June	204·4	50·0	26	12	11
July	286·8	64·5	5	16	14
August ...	153·1	44·5	26	16	13
September...	42·4	21·7	21	5	4
October ...	71·5	37·8	15	6	5
November...	13·7	8·9	1	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	782·3	—	—	59	51

Abu Deleig (Blue Nile Besin).

φ=15° 55′ N. λ=33° 49′ E. h=400 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)
1916					
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	23·0	7·5	23	5	5
August ...	63·0	25·0	17	7	7
September...	0·0	0·0	—	—	—
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	86·0	—	—	12	12

Kamlin (Blue Nile).

φ=15° 2′ N. λ=33° 3′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	6·0	6·0	23	1	1
June	38·0	21·0	30	4	4
July	59·0	27·0	25	5	5
August ...	73·5	20·0	19	8	8
September...	74·0	47·0	21	5	5
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	250·0	—	—	23	23

Rufaa (Blue Nile).

φ=14° 48′ N. λ=33° 19′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	15·9	10·8	21	2	2
June	49·7	14·5	29	5	5
July	07·8	15·0	16	7	7
August ...	148·8	43·5	19	8	8
September .	28·6	10·4	20	5	5
October ...	12·0	12·0	9	1	1
November...	3·1	3·1	1	1	1
December...	0·0	0·0	—	—	—
TOTAL ...	525·9	—	—	29	29

Managil (Blue Nile Basin).

φ=14° 13′ N. λ=32° 58′ E. h=390 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)
1916					
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	50·0	18·0	6	5	5
July	44·0	24·0	13	4	4
August ...	184·4	82·0	9	7	7
September...	27·0	12·0	16	3	3
October ...	7·0	4·0	14	2	2
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	312·4	—	—	21	21

Hassa Heissa (Blue Nile).

φ=14° 42′ N. λ=33° 17′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	2·0	2·0	22	1	1
June	73·2	25·7	30	6	6
July	49·2	18·2	17	6	6
August ...	137·7	44·7	19	6	6
September...	108·6	40·6	20	7	7
October ...	2·3	2·3	9	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	373·0	—	—	27	27

Rainfall Stations in the SUDAN *(continued)*.

Wad Medani Irrigation Office (Blue Nile).

φ=14° 24′ N. λ=33° 31′ E. h=410 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)
1916					
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	61·0	41·0	22	5	5
July	180·0	71·0	31	7	7
August ...	115·0	56·0	30	5	5
September..	77·0	44·0	26	5	5
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	463·0	—	—	22	22

Wad Haddad (Blue Nile).

φ=13° 49′ N. λ=33° 33′ E. h=410 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)
1916					
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	138·2	80·3	27	5	5
July	27·3	11·8	24	3	3
August ...	137·5	64·5	27	5	5
September...	62·4	37·4	5	2	2
October ...	0·0	0·0	—	—	—
November...	3·9	3·9	2	1	1
December...	0·0	0·0	—	—	—
TOTAL ...	369·3	—	—	16	16

Sennar (Blue Nile).

φ=13° 36′ N. λ=33° 36′ E. h=410 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)
1916					
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	92·7	61·6	29	5	5
July	129·5	57·5	24	10	9
August ...	98·3	31·3	27	10	8
September...	78·4	39·7	26	4	4
October ...	11·7	11·5	13	2	1
November...	6·2	4·2	2	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	416·8	—	—	33	29

Makwar (Blue Nile).

φ=13° 39′ N. λ=33° 49′ E. h=410 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	7·0	7·0	30	1	1
May	2·5	2·5	28	1	1
June	85·5	29·0	29	8	7
July	132·2	46·0	25	15	12
August ...	112·4	32·5	28	14	11
September...	40·3	22·7	16	5	4
October ...	52·5	26·0	14	6	4
November...	8·0	6·0	2	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	440·4	—	—	52	42

Karkoj (Blue Nile).

φ=12° 54′ N. λ=34° 5′ E. h=420 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	27·5	26·5	26	2	2
June	130·5	39·0	16, 22	10	10
July	154·3	32·0	2	13	13
August ...	255·0	77·0	17	12	12
September...	74·5	29.0	15	5	5
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	641·8	—	—	42	42

Abu Hashim (R. Dinder).

φ=13° 2′ N. λ=34° 18′ E. h=420 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)
1916					
January ...	No observations.				
February ...					
March ...					
April... ...	6·5	6·5	30	1	1
May	35·0	22·5	25	5	5
June	172·0	63·0	17	7	7
July.... ...	270·5	63·0	3	16	16
August ...	384·1	96·7	31	14	14
September...	38·0	21·5	8	3	3
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	915·1	—	—	46	46

Rainfall Stations in the SUDAN *(continued)*.

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
1916					
January ...	0·0	0·0	—	—	—
February ...	No observations.				
March ...					
April	0·0	0·0	—	—	—
May	18·2	11·2	1	3	3
June	148·0	29·1	12	10	10
July	190·9	31·5	12	14	13
August ...	210·7	49·0	17	13	13
September .	49·0	24·5	21	4	4
October ...	21·7	11·9	10	4	4
November .	2·4	2·4	6	1	1
December...	0·0	0·0	—	—	—
TOTAL ...	640·9	—	—	49	48

Dar Fung (Blue Nile Basin).

φ=11° 17′ N. λ=33° 55′ E. h=500 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
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April	8·0	8·0	14	1	1
May	57·6	36·5	21	4	4
June	232·7	66·0	29	9	9
July	156·0	57·0	8	8	8
August ...	173·0	42·5	31	15	15
September...	362·8	65·4	5	14	14
October ...	93·7	29·2	5	9	9
November...	46·2	28·5	22	4	4
December...	0·0	0·0	—	—	—
TOTAL ...	1130·0	—	—	64	64

Kurmuk (Blue Nile Basin).

φ=10° 50′ N. λ=34° 26′ E. h=900 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
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April	41·5	19·0	16	3	3
May	137·7	30·0	17	10	10
June	216·5	60·0	6	8	8
July	240·0	62·0	17	13	13
August ...	260·5	53·0	6	16	16
September..	170·0	43·0	4	10	10
October ...	107·0	25·0	28	9	9
November...	28·0	19·0	2	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	1201·2	—	—	71	71

Khartoum Irrigation Office.

φ=15° 37′ N. λ=32° 33′ E. h=380 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
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April	0·1	0·1	30	1	—
May	4·5	4·1	1	2	1
June	27·9	22·5	5	4	4
July	27·0	23·1	30	3	3
August ...	45·0	23·5	3	6	6
September...	17·9	10·6	18	3	2
October ...	0·8	0·8	10	1	—
November..	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	125·8	—	—	20	16

Geteina (White Nile).

φ=14° 17′ N. λ=32° 23′ E. h=380 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
1916					
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	27·0	11·0	30	6	6
July	78·0	53·0	25	5	5
August ...	203·5	97·5	4	6	6
September...	4·8	2·0	20, 21	3	2
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	313·3	—	—	20	19

Kawa (White Nile).

φ=13° 47′ N. λ=32° 31′ E. h=380 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
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April	0·0	0·0	—	—	—
May	10·7	6·0	19	3	2
June	22·5	14·5	19	4	4
July	58·9	37·5	25	7	7
August ...	91·9	30·2	28	14	11
September .	81·5	36·5	5	9	7
October ...	5·0	2·0	11	3	3
November .	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	270·5	—	—	40	34

Rainfall Stations in the SUDAN (*continued*).

Hellet Abbas (White Nile).

φ=13° 16′ N. λ=32° 45′ E. h=380 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)
1916					
January ...	No observations.				
February ...					
March ...					
April ...					
May ...	24·0	16·0	20	2	2
June ...	15·0	5·5	27	4	4
July ...	72·8	23·0	25	10	10
August ...	154·1	52·6	27	5	5
September...	19·5	11·0	16	3	3
October ...	20·0	10·0	14	3	3
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	*305·4*	—	—	*27*	*27*

Renk (White Nile).

φ=11° 45′ N. λ=32° 47′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April ...	0·0	0·0	—	—	—
May ...	17·0	12·0	19	4	4
June ...	121·0	35·0	19	9	9
July ...	116·0	27·0	11	10	10
August ...	109·0	45·0	31	11	11
September...	118·0	35·0	5	6	6
October ...	42·0	18·0	21	6	6
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	523·0	—	—	46	46

Melut (White Nile).

φ=10° 29′ N. λ=32° 11′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April ...	9·0	9·0	13	1	1
May ...	47·1	20·0	10	5	5
June ...	142·0	60·0	4	10	10
July ...	76·3	16·5	16	9	9
August ...	314·[illegible]	71·5	13	18	17
September...	124·7	39·3	12	11	10
October ...	76·6	44·4	15	3	3
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	790·0	—	—	57	55

Kodok (White Nile).

φ=9° 53′ N. λ=32° 7′ E. h=390 m. h_r=1·4 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April ...	10·5	10·5	26	1	1
May ...	60·8	18·5	16	5	5
June ...	107·4	24·2	27	9	9
July ...	154·4	37·0	13	11	11
August ...	198·6	3[illegible]·0	21	14	14
September...	114·5	45·0	4	6	6
October ...	37·1	13·4	18	3	3
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	683·3	—	—	49	49

Malakal, Irrigation Office (White Nile).

φ=9° 35′ N. λ=31° 37′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April ...	10·0	5·5	13	4	3
May ...	108·7	23·7	10	11	10
June ...	201·7	65·8	19	10	9
July ...	147·0	28·5	25	13	13
August ...	155·2	45·2	21	14	14
September .	95·3	34·0	3	14	10
October ...	88·7	46·0	31	3	3
November...	7·2	3·8	27	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	813·8	—	—	67	64

Taufiqiya (White Nile).

φ=9° 26′ N. λ=31° 37′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April ...	4·5	2·1	13	3	3
May ...	117·7	40·5	9	11	10
June ...	155·6	57·0	20	9	9
July ...	121·0	28·0	14	8	8
August ...	440·7	110·0	31	15	15
September .	177·0	70·0	2	11	10
October ...	99·4	46·5	16	11	10
November...	50·9	26·2	16	4	4
December...	0·0	0·0	—	—	—
TOTAL ...	1166·8	—	—	72	69

Rainfall Stations in the SUDAN *(continued).*

Attigo (White Nile).

φ=9° 28′ N. λ=32° 3′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0.0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	No observations.				
May	*66·9*	24·5	9	3	3
June	58·4	34·9	5	3	3
July	221·6	112·0	13	10	10
August ...	268·5	69·4	8	14	14
September..	198·2	61·5	10	9	9
October ...	50·3	13·0	19	5	5
November ..	0·0	0·0	—	—	—
December ...	0·0	0·0	—	—	—
TOTAL ...	*863·9*	—	—	*44*	*44*

Kosti (Gedid District) (White Nile).

φ=13° 10′ N. λ=32° 40′ E. h=380 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0.0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	15·0	11·0	19	2	2
June	14·0	6·0	10	3	3
July	91·0	18·0	S,13	8	8
August ...	224·5	60·0	31	11	11
September.	7·5	7·5	23	1	1
October ...	24·0	15·0	14	2	2
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	376·0	—	—	27	27

Omdam (Kordofan).

φ=13° 40′ N. λ=30° 58′ E. h=460 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	7·0	7·0	19	1	1
June	16·0	9·0	6	2	2
July	59·0	50·0	16	2	2
August ...	151·0	60·0	4	7	7
September...	182·0	104·0	10	6	6
October ...	25·0	25·0	11	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	440·0	—	—	19	19

Um Ruaba (Kordofan).

φ=12° 54′ N. λ=31° 17 E. h=450 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)
1916					
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	22·0	12·0	23	4	4
July	140·0	30·0	29	14	14
August ...	153·4	46·0	31	13	13
September...	53·7	12·0	19	8	8
October ...	35·0	35·0	11	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	404·1	—	—	40	40

El Rahad (Kordofan).

φ=12° 43′ N. λ=30° 39′ E. h=500 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)
1916					
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	48·4	18·3	22	6	6
July	141·9	50·0	28	9	8
August ...	229·0	110·1	27	9	9
September...	49·0	12·0	22	7	7
October ...	27·0	27·0	10	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	495·3	—	—	32	31

Bara (Kordofan).

φ=13° 42′ N. λ=30° 22′ E. h=490 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)
1916					
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	50·2	17·5	15	5	5
July	39·0	19·0	15	3	3
August ...	83·5	31·0	3	8	8
September...	32·0	10·0	12	5	5
October ...	40·0	40·0	10	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	244·7	—	—	22	22

Rainfall Stations in the SUDAN *(continued).*

El Obeid District (Kordofan).

φ=13° 11′ N. λ=30° 14′ E. h=590 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	2·0	2·0	19	1	1
June	43·8	18·5	23	8	8
July	85·5	16·3	24	10	10
August ...	140·9	43·8	9	12	12
September..	73·7	28·0	25	6	6
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	345·9	—	—	37	37

El Nahud (Kordofan).

φ=12° 44′ N. λ=28° 25′ E. h=360 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)
1916					
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	18·0	18·0	10	1	1
July	82·0	37·0	24	5	5
August ...	61·0	16·0	18	12	12
September...	56·0	24·0	10	7	7
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	217·0	—	—	25	25

Dilling (Kordofan).

φ=12° 2 N. λ=29° 38′ E. h=600 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	10·5	5·5	15	3	3
June	103·7	56·3	22	6	6
July	108·9	44·8	25	5	5
August ...	224·6	43·5	3	14	14
September	185·4	47·0	18	13	13
October ...	32·4	15·5	4	3	3
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	665·5	—	—	44	44

Tagalli (Kordofan).

φ=12° 6′ N. λ=31° 15′ E. h=580 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	25·4	7·8	14	6	6
June	93·5	32·5	20	7	7
July	234·7	49·5	30	11	11
August ...	185·8	82·0	27	11	11
September	242·5	68·0	20	13	13
October ...	48·0	23·0	10	7	7
November	15·0	11·0	2	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	849·9	—	—	57	57

Taludi (Kordofan).

φ=10° 35′ N. λ=30° 24′ E. h=1100 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	34·5	25·5	19	4	4
June	142·2	28·5	19	8	7
July	224·4	78·2	24	19	15
August ...	301·2	82·5	3	21	16
September	164·8	37·7	25	14	14
October ...	117·2	67·8	5	7	6
November	10·0	10·0	16	1	1
December	0·0	0·0	—	—	—
TOTAL ...	994·3	—	—	74	63

Abwong (R. Sobat).

φ=9° 7 N. λ=32° 12′ E. h=390 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)
1916					
January ...	No observations.				
February ...					
March ...					
April... ...					
May					
June	0·0	0·0	—	—	—
July	0·0	0·0	—	—	—
August ...	No observations.				
September	108·1	44·0	24	8	8
October ...	90·5	35·2	29	13	13
November	87·3	67·0	1	5	5
December...	0·0	0·0	—	—	—
TOTAL ...	—	—	—	—	—

Rainfall Stations in the SUDAN (*continued*).

Fort Bruce (R. Pibor R. Sobat).

φ=6° 50′ N. λ=33° 8′ 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	41·0	19·5	24	7	7
April	142·0	37·0	17	11	11
May	68·0	22·0	25	6	6
June	152·5	55·0	13	7	7
July	186·0	65·0	13	8	8
August ...	180·0	47·0	29	11	11
September	132·0	35·0	25	11	11
October ...	55·0	35·5	6	4	4
November	43·5	37·0	7	3	2
December...	1·7	2·7	16	3	1
TOTAL ...	1001·7	—	—	71	68

Bonjak Post (R. Awei R. Sobat).

φ=7° 30′ N. λ=33° 15′ 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	57·0	25·0	13, 18	4	4
April	76·0	38·0	14	2	2
May	41·0	13·0	25	5	5
June	287·0	75·0	6	12	12
July	198·0	67·0	13	11	11
August ...	136·4	39·0	7	11	11
September	336·0	73·0	28	11	11
October ...	Station abandoned on October 9. 1916.				
November					
December...					
TOTAL ...	—	—	—	—	—

Akobo Post (R. Akobo R. Sobat).

φ=7° 48′ N. λ=33° 3′ 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April	66·0	41·5	13	6	6
May	149·8	73·0	21	12	12
June	209·5	42·5	18	12	12
July	231·5	41·0	12	15	15
August ...	141·5	52·0	26	14	13
September	328·0	56·5	20	18	18
October ...	31·5	13·0	6	6	6
November	2·5	2·5	14	1	1
December...	2·0	2·0	3	1	1
TOTAL ...	1162·3	—	—	85	84

Raga (Bahr el Ghazal).

φ=8° 27′ N. λ=25° 47′ E. h=400 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	49·5	10·0	16	9	9
May	155·2	39·2	20	8	8
June	249·0	45·0	21	11	11
July	210·9	58·0	11	10	10
August ...	168·3	40·2	18	14	14
September	238·3	44·0	8	13	13
October ...	112·0	34·3	2	8	8
November	0·0	0·0	—	—	—
December	0·0	0·0	—	—	—
TOTAL ...	1183·2	—	—	73	75

Meshra el Rek (Bahr el Ghazal).

φ=8° 27′ N. λ=29° 16′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	18·1	9·4	8	3	3
April... ...	65·1	26·1	12	6	6
May	43·5	12·2	15	9	9
June	170·9	38·5	20	8	8
July	174·2	28·5	27	18	17
August ...	236·9	59·5	12	17	17
September	100·3	48·0	8	10	10
October ...	22·5	7·0	15	5	5
November	15·1	8·1	2	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	846·6	—	—	78	77

Suddite (Lake No, Bahr el Ghazal).

φ=9° 28′ N. λ=30° 28′ E. h=390 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	Closed.				
April ...					
May ...					
June					
July					
August ...					
September					
October ...					
November					
December...					
TOTAL ...	—	—	—	—	—

Rainfall Stations in the SUDAN (*continued*).

Rumbek (Bahr el Ghazal).

φ=6° 49′ N. λ=29° 39′ E. h=460 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	6·0	6·0	18	1	1
March ...	3·5	2·0	14	2	2
April... ...	190·0	49·0	19	11	10
May	268·4	65·0	8	13	13
June	302·0	100·0	16	11	11
July	194·5	32·0	14	12	12
August ...	350·0	75·0	9	18	18
September	221·0	70·0	16	10	10
October ...	89·0	61·0	20	3	3
November	72·0	72·0	1	1	1
December...	0·0	0·0	—	—	—
TOTAL ...	1696·4	—	—	82	81

Deim Zubeir (Bahr el Ghazal).

φ=7° 43′ N. λ=26° 17′ E. h=660 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	12·0	12·0	11	1	1
March ...	0·9	0·9	10	1	—
April... ...	74·0	20·0	7, 22	5	5
May	12·9	12·0	23	2	1
June	132·0	50·0	9	6	6
July	174·0	39·0	17	9	9
August ...	192·3	58·0	18	9	8
September	150·5	25·0	12, 18	10	10
October ...	128·2	37·4	2	7	7
November	2·5	2·5	2	1	1
December...	0.0	0·0	—	—	—
TOTAL ...	879·3	—	—	51	48

Ghaba Shambe (Bahr el Jebel).

φ=7° 7′ N. λ=30° 46′ E. h=410 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	33·0	12·0	18	4	4
May	31·0	10·0	22	4	4
June	157·0	32·0	7	8	8
July	109·0	40·0	26	7	7
August ...	248·0	62·0	15	11	11
September	107·0	32·0	24	9	9
October ...	44·0	14·0	6	4	4
November	0·0	0·0	—	—	—
December	0·0	0·0	—	—	—
TOTAL ...	729·0	—	—	47	47

Bor (Bahr el Jebel).

φ=6° 12′ N. λ=31° 33′ E. h=420 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ..	12·4	12·4	28	1	1
April... ...	111·0	45·0	14	6	6
May	223·0	63·0	9	6	6
June	92·0	38·0	21	6	6
July	220·3	32·8	26	13	13
August ...	250·8	62·7	21	11	10
September	82·0	29·5	28	8	7
October ...	168·5	53·0	5	7	7
November	8·0	5·0	5	2	2
December	7·2	7·2	14	1	1
TOTAL ...	1175·2	—	—	61	59

Tombé (Bahr el Jebel).

φ=5° 49′ N. λ=31° 38′ E. h=430 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	21.1	13·0	18	4	4
April... ...	141·6	34·2	28	9	9
May	168·9	57·7	13	10	10
June	178·6	41·0	12	8	8
July	201·6	68·0	12	9	9
August ...	90·2	20·0	12	8	8
September	126·2	62·5	27	9	9
October ...	76·3	25·6	20	5	5
November	23·3	12·0	6	4	4
December	12·4	9·1	13	3	3
TOTAL ...	1040·2	—	—	69	69

Rejaf (Bahr el Jebel).

φ=4° 45′ N. λ=31° 36′ E. h=460 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)
1916					
January ...	0·0	0·0	—	—	—
February ...	3·4	2·0	2	3	2
March ...	9·1	3·0	21, 29	5	4
April... ...	87·7	19·5	9	10	10
May	254·7	65·2	4	10	10
June	108·9	30·5	20	11	10
July	141·5	34·5	1	16	14
August ...	157·2	49·5	18	16	15
September	209·5	84·0	7	15	15
October ...	69·5	27·0	27	7	7
November	92·0	28·0	25	5	5
December...	0·0	0·0	—	—	—
TOTAL ...	1133·5	—	—	98	92

Rainfall Stations in the SUDAN *(continued).*

Yei (Bahr el Jebel).

φ=4° 7′ N. λ=30° 40′ 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
1916					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	78·5	29·0	10	8	8
April	174·5	33·5	3	15	15
May	270·5	75·0	9	15	15
June... ...	174·0	29·0	13	13	13
July	107·0	52·0	16	5	5
August ...	175·5	38·0	27	12	12
September ..	190·5	44·0	17	11	11
October ...	157·5	34·0	20	10	10
November ..	42·0	14·5	6	5	5
December...	30·0	20·5	14	3	3
TOTAL ...	1400·0	—	—	97	97

Kajo Kaji (Bahr el Jebel).

φ=3° 54′ N. λ=31° 40′ 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
1916					
January ...	0·0	0·0	—	—	—
February ...	8·5	4·0	20	4	4
March ...	56·5	23·5	24	10	6
April	88·5	45·0	17	9	9
May	126·5	33·0	26	14	14
June... ...	129·0	32·0	19	11	10
July	108·5	28·0	30	8	8
August ...	213·2	41·5	27	13	13
September...	247·5	33·0	7	19	19
October ...	102·8	23·5	25	10	10
November...	70·5	27·5	26	8	8
December...	71·0	41·0	10	4	4
TOTAL ...	1222·5	—	—	110	105

Nimule (Bahr el Jebel).

φ=3° 38′ N. λ=32° 3′ E. h=620 m. h_r=0·3 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
1916					
January ...	0·0	0·0	—	—	—
February ...	14·8	11·7	15	3	2
March ...	61·3	11·0	31	13	13
April	153·1	27·5	17	15	13
May	101·0	22·5	15	11	11
June	302·1	80·0	5	15	15
July	96·6	41·0	17	10	9
August ...	207·5	76·5	28	8	8
September...	301·7	65·5	23	10	10
October ...	152·8	120·0	26	6	6
November...	122·5	60·0	20	6	6
December...	58·3	17·4	11	8	8
TOTAL ...	1571·7	—	—	10	101

Rainfall Stations in ABYSSINIA.

Goré.

φ=8° 10′ N. λ=35°38′ E. h=2130 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)
1916					
January ...	4·3	4·3	18	1	1
February ...	16·6	14·3	20	2	2
March ...	24·0	17·7	25	2	2
April... ...	88·5	27·3	9	8	8
May	202·7	23·5	12	26	26
June	264·2	35·2	16	27	27
July	204·4	29·4	10	26	26
August ...	141·1	18·4	31	23	23
September	288·6	36·2	29	29	29
October ...	253·7	16·4	31	31	31
November	145·3	25·7	5	17	17
December...	59·5	18·1	13	8	8
TOTAL ...	1782·9	—	—	200	200

Saiyo.

φ=7° 55′ N. λ=36° 36′ 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)
1916					
January ...	25·3	15·1	17	2	2
February ...	0·0	0·0	—	—	—
March ...	4·2	4·2	17	1	1
April... ...	44·4	15·4	21	5	5
May	114·7	40·2	24	8	8
une	114·6	20·2	20	10	10
July	137·9	35·1	28	10	10
August ...	100·4	15·4	28	11	11
September	159·1	25·1	20	13	13
October ...	49·9	15·1	27	6	6
November	14·4	10·2	12	2	2
December...	22·6	15·3	20	3	3
TOTAL ...	787·5	—	—	71	71

Adami Tullu (Lake Zwai).

φ=8° 0′ N. λ=39° 0′ E. h=1650 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)
1916					
January ...	32·2	13 5	25	4	4
February ...	19·4	8·3	26	6	5
March ...	42·8	13·8	13	11	10
April... ...	68·4	38·6	30	9	7
May	46·3	25·5	2	10	5
June	104·2	23·2	3	13	12
July	70·0	21·8	5	15	10
August ...	77·8	23·0	17	21	10
September	118·3	27·2	23	17	13
October ...	31·6	14·6	1	9	7
November	0·6	0·6	29	1	—
December	9·2	4·4	30	4	2
TOTAL ...	620·8	—	—	120	85

Adis Ababa (Bank of Abyssinia).

φ=9° 2′ N. λ=38° 45′ E. h=2440 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)
1916					
January ...	64·5	17·3	27	7	7
February ...	56·9	24·6	25	6	6
March ...	91·2	28·3	26	7	7
April... ...	74·4	32·1	30	4	4
May	148·3	52·4	2	12	12
June	294·4	39·2	4	25	25
July	248·3	12·5	8	29	29
August ...	418·5	26·1	30	31	31
September	321·3	39·1	26	27	26
October ...	5·2	4·2	7	4	1
November	0·1	0·1	3	1	—
December...	6·8	3·1	30	4	3
TOTAL ...	1729·9	—	—	157	151