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FOR THE YEAR 1915.

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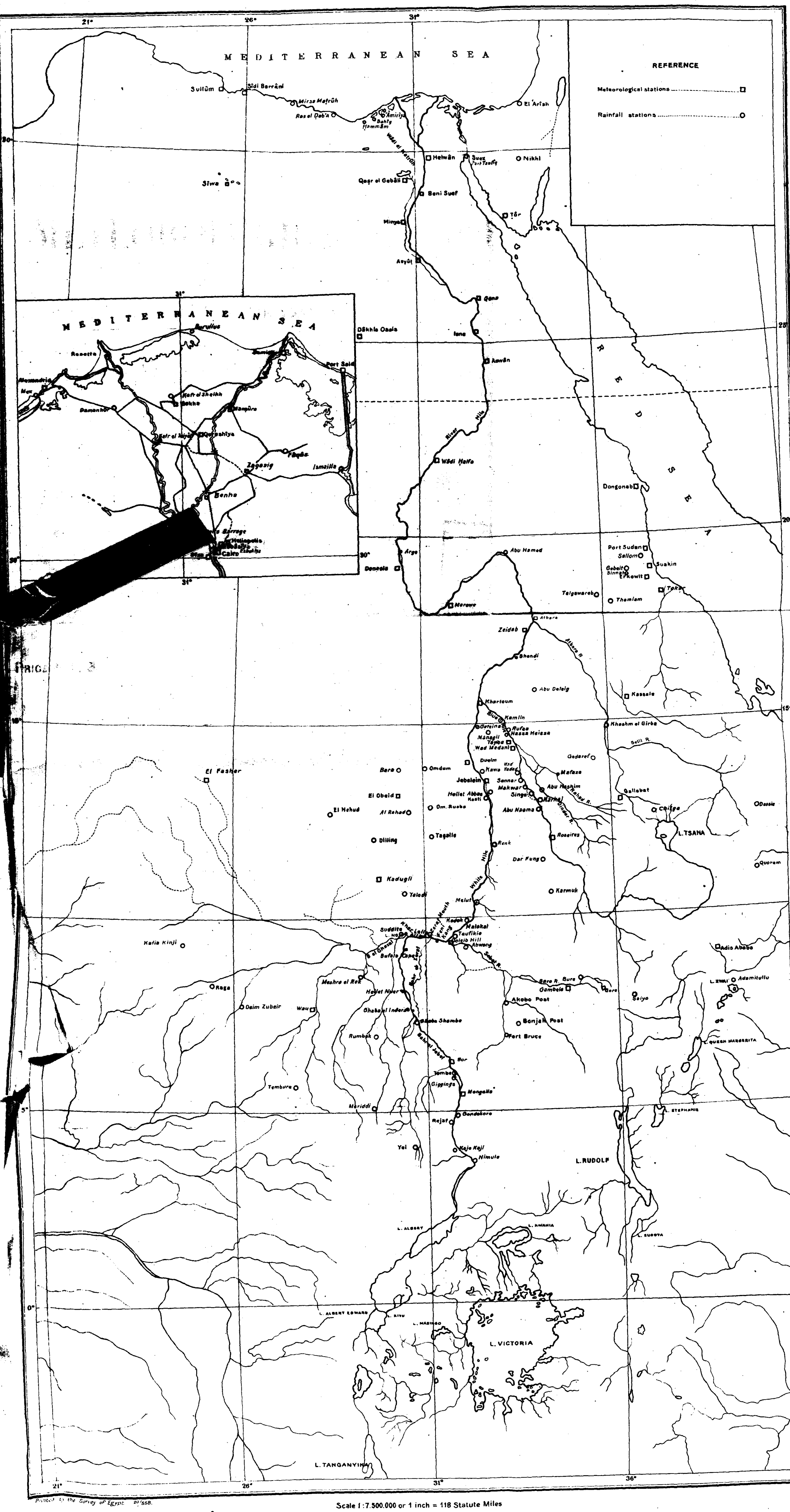
MAP SHOWING METEOROLOGICAL AND RAINFALL STATIONS

PLATE I.



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INTRODUCTION AND EXPLANATION OF THE TABLES.

It has been necessary, owing to the greatly increased cost of printing, to cut down the size of 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 the Helwan 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.—Spriing-Fuess barograph standardized 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 Spriing-Fuess.

Temperature and Humidity.—Callendar recorders with open-wound platinum thermometers standardized by comparison with mercury thermometers ; as auxiliary recorders Richard thermograph and hygrograph.

Wind —A Kew-pattern 9-inch 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 standardized by absolute observations with an Elliott magnetometer and a Dover dip circle. Several comparisons have been made between the Helwan 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 Helwan local time, which is two hours and five minutes fast on Greenwich mean time. Normal values for Helwan 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 in 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.
Sidi Barrâni	II	1910	31	38	25	58	27·3	Mamûr of Markaz.
Damietta	III	1907	31	25	31	49	2·2	M. Félix Radisse, Directeur du Service des Eaux.
Mersa Matrûh	III	1915	31	22	27	14	10	Mamûr of Markaz.
Port Said	II	1886	31	16	32	19	3·5	Port Officer.
Alexandria (Victoria College)	III	1911	31	15	29	59	5	The Principal, Victoria College.
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 of the Farm School (Provincial Council).
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	13·8	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 (Ezbekiya)	III	1909	30	3	31	15	22	" " "
Giza	II	1902	30	2	31	13	27·8	Survey Department Staff.
Suez	II	1886	29	56	32	33	3·4	Official, Suez Canal Company.
Helwan	I	1904	29	52	31	20	115·6	Observatory Staff.
Qasr el Gebali	III	1907	29	20	30	38	7·6	Engineer, Domains Administration.
Siwa	III	1911	29	12	25	29	—23	Medical Officer.
Beni Suef	III	1901	29	4	31	6	28·4	Irrigation Department Staff.
Tôr	II	1905	28	14	33	37	1·9	Official, Quarantine Station.
El Minya	III	1907	28	6	30	46	43	Agricultural Bank Staff.
Asyût	II	1900	27	11	31	13	55·4	Asyût Barrage Staff.
Qena	III	1913	26	10	32	43	73	Qena Mudiria Staff.
Dakhla Oasis	III	1905	25	29	29	0	* 100	Medical Officer, Department of Public Health.
Esna	III	1907	25	18	32	34	82	Irrigation Department Staff.
Aswân	II	1900	24	2	32	53	99·6	Aswân Reservoir Staff.
Wadi Halfa	II	1900	21	55	31	19	128·3	Medical Officer, Egyptian Army.
Dongonab	III	1908	21	6	37	8	5	Clerk of the Marine Biologist.
Port Sudân	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.
Merowe	II	1905	18	29	31	50	255·1	Medical Officer, Egyptian Army.
Tokar	III	1913	18	25	37	40	18	The 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, 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	29	33	23	410	Inspecter, 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	4	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	466·9	" " " "
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	17	24	30	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 Customs.
Wau	II	1902	7	42	28	3	* 440	Medical Officer, Egyptian Army.
Mongalla	II	1903	5	11	31	47	† 439	" " " "
Yei	III	1914	4	8	30	40	500	Medical Officer, Yei.
Harrar	III	1908	9	42	42	30	1856	J. Gerolimato, Esq., C.M.G.

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

* Barometrical altitudes.

† Altitudes 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_h = mean reduction of the barometric reading to sea-level, for the month.
● = rain.
✱ = snow.
▲ = hail.
= gale.
< = lightning (without thunder).
⊤ = thunder (without lightning).
= thunderstorm (thunder and lightning together).
= fog.
∞ = dust haze.
= dust storm.
= dew.
= hoar frost.
= rainbow.
V = unusual transparency of the atmosphere.
⊕ = solar halo.
= solar corona.
= lunar halo.
= lunar corona.

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

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 is two 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 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.

Owing to the war it was not possible to inspect the stations as fully as usual, but nearly all the second order stations in Egypt and the Sudan were visited during the year and the instruments verified and when necessary replaced by others.

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

At Stations observing	Temperature.	Relative Humidity.	Pressure, Vapour Pressure, Cloudiness and Wind Force.
Thrice daily.	$(8^h + 14^h + 20^h + \text{min.})/4$	$(8^h + 20^h)/2$	$(8^h + 14^h + 20^h)/3$
Twice ,,	$(8^h + 20^h)/2$	,,	$(8^h + 20^h)/2$
Once ,,	(Max. + Min.) /2	8^h	—

The **corrections to the means** so derived to reduce them to true daily means have been published as follows : —

For Abbasîya 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 very soon 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, Jelinek'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. 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 1915.

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

June, 1920.

H. Knox-Shaw,
Director, Meteorological Service.

THE WEATHER OF EGYPT DURING 1915

JANUARY.—The weather was in general of a settled character. Rain fell during the passage of two depressions north of Egypt, but the total fall was below normal. In the last week of the month very high temperatures were recorded in Cairo and Alexandria. The mean temperature and mean pressure were both above normal.

FEBRUARY.—For the first few days of the month Egypt was under the influence of a depression which gave rise to rain, but no strong winds. The rest of the month was rainless and settled Temperatures were above normal, and rainfall below.

MARCH.—Three depressions affected Egypt during March. The first gave rise to a heat wave lasting for three days. In places in Lower Egypt the maximum temperature reached 16°C. above normal. The second depression was centred over Upper Egypt, and was accompanied by rain and unsettled weather. Rain and high temperatures were associated with the third depression. Mean pressure, mean temperature and rainfall for the month were all above normal.

APRIL.—The normal distribution of pressure during the month was broken for three short periods by depressions advancing from the west, causing high temperatures and considerable sand haze. Temperature and pressure were normal.

MAY.—The first fortnight was anticyclonic and cool northerly winds predominated. Temperatures were much below normal except during the last week, when an extensive heat wave, due to the approach of a depression, passed over Egypt.

JUNE.—Temperatures were everywhere above normal. During the period 14th–16th an exceptionally intense heat wave was experienced, 46°C. being recorded at Cairo. This is the highest recorded since 1881. The pressure distribution was of the normal summer type.

JULY.—The distribution of pressure was normal throughout the month and the weather was of a settled character. No excessively hot days were experienced.

AUGUST.—The weather was settled throughout. The minimum temperature on the 23rd was the lowest on record at Gîza for August.

SEPTEMBER.—The weather was settled throughout. In the early part of the month the maximum temperatures were considerably above normal, while in the latter part the minimum temperatures were below, that on the 27th being the lowest on record at Gîza for September.

OCTOBER.—During the first three weeks of the month temperatures over Egypt were normal, while during the last week they were much above. The maximum temperature during the last ten days of the month was greater than it has been during this period for the last ten years. There was no rainfall in Egypt.

NOVEMBER.—The weather was settled except for a few days near the end of the month, when the passage of a depression to the north brought strong north-westerly winds and some rain. Temperatures were above normal.

DECEMBER.—With the exception of a few days at the beginning, the month was much warmer than usual. The maximum temperature at Gîza was the same as that reached last December, and this is the highest on record for the month. Following the hot wave rain fell, but the rainfall was considerably below normal.

THE YEAR.—The year was characterized by an abnormally high mean temperature throughout both Egypt and the Sudan. The pressure was above normal in Egypt and below in the Sudan. Rainfall was below normal except in the North and South Sudan.

Differences from Normal by Districts.

1915.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
						PRESSURE IN MILLIMETRES.							
1. Mediterranean Coast	−0·10	+0·85	−0·40	−0·60	−0·55	−0·05	+1·00	+0·50	+0·75	+0·55	+0·70	+2·70	+0·45
2. Middle Egypt	−0·87	−0·10	+0·07	+0·27	+0·37	−0·57	+0·03	−0·03	+0·10	−0·33	−0·03	+1·13	0·00
3. Upper Egypt...	−0·87	−0·97	+0·37	−0·30	+0·07	−0·53	−0·13	−0·17	−0·10	−0·37	−0·27	+0·07	−0·27
4. North Sudan...	−0·60	−0·80	+0·28	−0·55	−0·48	−0·45	−0·95	−0·65	−0·40	−0·88	−0·58	−0·50	−0·55
5. Red Sea	+0·30	−0·40	+0·20	−0·10	−0·50	−0·20	−0·10	−0·60	−0·60	−0·70	−0·20	0·00	−0·24
6. Central Sudan	−0·10	−0·37	+0·67	−0·80	−0·80	−0·43	−0·90	−0·53	−0·17	−0·67	−0·57	−0·17	−0·40
7. South Sudan	−0·10	−0·15	+0·85	−0·30	−0·35	−0·60	−0·75	−0·90	−0·50	−0·95	−0·50	−0·15	−0·37
						TEMPERATURE (MAXIMUM + MINIMUM) /2 IN DEGREES CENTIGRADE.							
1. Mediterranean Coast	+1·2	+0·6	+1·1	+0·2	0·0	+1·6	+0·3	+0·6	−0·5	+0·2	+1·3	+2·1	+0·7
2. Middle Egypt	+0·8	+0·2	+0·4	−0·5	−0·7	+1·5	+0·3	+0·1	−0·9	+0·2	+0·5	+1·0	+0·2
3. Upper Egypt...	+2·0	+1·7	+1·0	+0·4	−0·9	+1·1	+0·7	+0·7	+0·1	+0·4	+1·2	+1·6	+0·8
4. North Sudan...	+1·8	+1·6	+1·2	+1·0	+0·3	+1·1	+1·6	+1·3	+0·3	+0·8	+1·6	+1·1	+1·1
5. Red Sea	+1·1	+1·6	+1·2	+0·5	−0·3	+1·4	+0·8	+1·2	+1·5	+0·7	+0·6	+0·8	+0·9
6. Central Sudan	+0·9	+0·6	+1·3	+0·6	+0·2	+0·1	+0·2	+0·2	0·0	+0·4	+0·8	+0·4	+0·5
7. South Sudan...	+1·3	+1·0	0·0	+0·1	+1·0	+0·8	+0·9	+0·8	−0·2	+0·2	0·0	−0·2	+0·5
						RAINFALL IN MILLIMETRES.							Total
1. Mediterranean Coast	−32	+ 1	+11	− 3	− 5	− 1	0	0	− 2	− 5	− 7	−54	− 97
2. Middle Egypt	−10	− 4	+ 1	− 5	− 2	0	0	0	0	− 2	− 2	− 4	− 28
3. Upper Egypt...	—	—	—	—	—	—	—	—	—	—	—	—	—
4. North Sudan...	0	0	0	− 1	− 1	+10	− 8	+ 9	+ 23	− 6	0	0	+ 26
5. Red Sea	− 3	− 1	− 1	0	0	0	− 7	− 2	0	−14	−28	+ 2	− 54
6. Central Sudan	0	0	− 1	−11	− 6	+27	0	−36	− 6	−29	+ 3	0	− 59
7. South Sudan...	− 2	−10	−16	− 3	−22	+35	+ 26	−14	+ 14	+19	−16	+ 6	+ 17

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

DISTRICT.	STATIONS.
1. Mediterranean Coast	Alexandria, Port Said.
2. Middle Egypt	Qurashiya, Helwan, Giza.
3. Upper Egypt	Asyût, Aswân, Wady Halfa.
4. North Sudan	Merowe, ʿAtbara, 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 former years, with the exception that for the Mediterranean coast, Limassol has been omitted as not being an Egyptian station ; for Middle Egypt, Suez, for Red Sea, Suakin, and for Central Sudan, Dueim, and Gallabat have been omitted. For South Sudan, Wau and Malakal have been added.

For rainfall, the stations are much more numerous, all available rainfall stations being included.

HELWAN OBSERVATORY.

STANDARD PRESSURE

(in millimetres).

HELWAN.

1915.

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 34
February	+ 10·30
March	+ 10·20
April	+ 10·08
May	+ 9·95
June	+ 9·76
July	+ 9·75
August	+ 9·76
September	+ 9·90
October	+ 9·96
November	+ 10·13
December	+ 10·30

STANDARD PRESSURE.

MEAN OF DAY.

700 mm. +

1915.

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

STANDARD PRESSURE.

(In millimetres).

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1915.

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 ...	+0·15	+0·10	+0·02	—0·10	—0·07	+0·13	+0·38	+0·69	+1·04	+1·12	+0·74	+0·15	—0·32	—0·60	—0·77	—0·75	—0·68	—0·51	—0·31	—0·15	—0·05	+0·04	—0·04	—0·20	52·79
February ...	—0·04	—0·09	—0·16	—0·23	—0·19	—0·04	+0·13	+0·39	+0·66	+0·79	+0·69	+0·27	—0·20	—0·51	—0·65	—0·69	—0·65	—0·46	—0·20	+0·06	+0·18	+0·34	+0·35	+0·27	52·69
March ...	+0·30	+0·10	—0·11	—0·19	—0·06	+0·18	+0·33	+0·67	+0·80	+0·82	+0·61	+0·17	—0·31	—0·72	—0·95	—1·01	—0·94	—0·74	—0·44	—0·07	+0·21	+0·44	+0·48	+0·45	51·57
April	+0·12	—0·06	—0·20	—0·14	—0·01	+0·25	+0·48	+0·76	+0·80	+0·82	+0·63	+0·25	—0·09	—0·51	—0·85	—1·00	—0·95	—0·80	—0·57	—0·16	+0·16	+0·32	+0·37	+0·28	49·90
May	+0·30	+0·06	—0·08	—0·02	+0·13	+0·33	+0·50	+0·63	+0·63	+0·57	+0·40	+0·16	—0·12	—0·46	—0·69	—0·88	—0·96	—0·84	—0·58	—0·20	+0·16	+0·38	+0·35	+0·35	49·47
June	+0·18	+0·06	—0·04	—0·05	+0·07	+0·22	+0·45	+0·66	+0·62	+0·60	+0·43	+0·20	—0·11	—0·45	—0·66	—0·84	—0·96	—0·80	—0·62	—0·22	+0·12	+0·38	+0·41	+0·37	47·80
July	+0·33	+0·20	+0·09	+0·07	+0·12	+0·30	+0·52	+0·63	+0·62	+0·56	+0·41	+0·15	—0·20	—0·49	—0·71	—0·91	—1·02	—0·91	—0·65	—0·27	+0·09	+0·32	+0·38	+0·35	46·65
August ...	+0·29	+0·21	+0·09	+0·06	+0·10	+0·24	+0·43	+0·57	+0·60	+0·56	+0·35	+0·07	—0·24	—0·58	—0·79	—0·96	—1·01	—0·89	—0·59	—0·13	+0·25	+0·44	+0·49	+0·46	46·75
September .	+0·27	+0·13	—0·04	—0·06	0·00	+0·14	+0·30	+0·52	+0·55	+0·51	+0·30	—0·02	—0·35	—0·67	—0·86	—0·89	—0·85	—0·66	—0·32	+0·10	+0·44	+0·53	+0·50	+0·46	49·53
October ...	+0·14	+0·05	—0·05	—0·10	—0·01	+0·10	+0·28	+0·55	+0·64	+0·58	+0·35	—0·02	—0·40	—0·72	—0·86	—0·85	—0·75	—0·52	—0·23	+0·12	+0·32	+0·45	+0·42	+0·39	50·90
November .	+0·09	+0·03	—0·03	—0·09	—0·09	+0·08	+0·32	+0·59	+0·79	+0·77	+0·44	—0·05	—0·47	—0·75	—0·82	—0·77	—0·64	—0·46	—0·14	+0·09	+0·22	+0·32	+0·35	+0·27	52·55
December...	+0·03	+0·02	—0·02	—0·18	—0·17	+0·01	+0·21	+0·50	+0·77	+0·82	+0·47	+0·05	—0·42	—0·64	—0·69	—0·63	—0·48	—0·24	—0·03	+0·08	+0·16	+0·17	+0·14	+0·03	55·10
Mean	+0·18	+0·06	—0·05	—0·09	—0·02	+0·16	+0·36	+0·59	+0·70	+0·70	+0·48	+0·11	—0·27	—0·60	—0·78	—0·85	—0·83	—0·66	—0·40	—0·07	+0·18	+0·34	+0·34	+0·28	50·48

TEMPERATURE (°C).

Mean of Day.

1915.

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	14·15	21·02	13·26	16·95	20·66	28·95	26·19	29·61	26·72	24·88	22·41	12·20
2	13·45	21·48	14·29	17·66	19·70	26·37	26·93	28·56	28·01	25·49	21·19	13·27
3	14·36	13·60	14·63	18·43	19·78	25·98	29·28	27·58	29·16	25·11	21·08	14·28
4	14·10	10·42	15·10	22·79	20·56	26·40	30·09	28·42	27·88	25·55	20·75	15·20
5	14·56	11·38	14·10	30·41	19·62	26·81	27·45	28·66	30·08	24·59	20·76	15·75
6	16·85	12·15	14·41	20·02	20·02	27·52	26·29	28·28	29·96	26·68	19·55	16·06
7	12·39	13·13	17·34	17·88	20·14	27·82	26·67	27·48	27·49	26·60	19·88	16·65
8	10·84	13·51	20·50	17·01	19·76	27·31	28·08	27·25	25·32	26·90	19·68	15·51
9	11·89	12·04	23·10	18·37	19·73	27·72	28·58	26·77	24·21	27·88	19·88	16·14
10	12·49	11·57	26·58	20·56	20·60	26·99	28·38	26·69	23·53	25·14	21·60	16·77
11	12·97	12·61	26·39	20·58	21·67	26·35	28·18	27·26	23·74	23·20	23·92	17·05
12	12·08	15·07	16·58	21·77	25·58	27·42	27·19	28·09	24·99	23·10	23·95	17·40
13	12·11	17·35	14·09	27·72	28·90	29·63	27·47	29·00	26·94	21·78	20·32	16·40
14	11·87	16·65	14·57	21·20	26·05	32·61	28·89	28·51	27·83	20·28	19·62	16·15
15	10·31	13·48	17·39	18·84	21·10	37·26	29·56	28·94	25·70	20·85	20·26	16·85
16	10·45	14·70	19·95	17·94	21·05	36·54	29·95	28·65	23·80	22·09	20·00	15·98
17	12·38	15·04	15·94	18·59	21·13	27·89	31·08	28·71	22·75	23·30	19·96	18·43
18	14·28	13·31	14·95	19·50	22·85	26·62	31·04	27·61	23·18	23·54	19·82	19·65
19	12·93	13·31	15·76	19·57	24·54	27·97	30·70	28·72	23·22	24·81	20·12	18·59
20	14·68	14·02	18·50	20·09	25·83	29·29	31·20	30·25	23·82	24·78	22·07	17·29
21	16·68	16·77	20·70	19·80	25·81	26·96	29·34	27·30	24·40	22·64	20·31	16·60
22	13·31	15·77	20·01	17·17	28·41	27·19	27·06	26·93	24·51	22·78	19·95	19·00
23	13·43	18·57	17·27	18·52	22·92	31.19	27·05	28·88	23·48	23·18	20·13	22·30
24	14·65	21·19	14·91	23·33	22·45	28·15	27·37	29·11	21·70	21·88	17·98	16·68
25	16·97	20·62	15·80	26·93	27·81	26·21	27·31	30·72	21·55	20·82	17·24	12·86
26	18·95	18·12	19·30	20·85	32·99	26·63	27·25	28·78	21·41	20·65	17·45	13·78
27	15·76	21·12	19·07	20·24	35·48	26·68	27·68	27·48	22·12	23·26	17·08	15·02
28	14·91	17·91	22·65	20·19	34·62	27·25	28·14	26·87	23·56	26·68	17·11	14·71
29	19·93	—	18·47	21·28	25·52	29·75	28·16	26·20	24·67	26·60	14·77	13·70
30	21·10	—	20·51	21·18	26·22	30·63	30·19	25·64	24·72	29·04	11·65	14·85
31	20·19	—	20·93	—	28·16	—	29·66	26·02	—	23·72	—	15·97
Mean	14·36	15·57	17·97	20·51	24·18	28·47	28·47	28·03	25·02	24·12	19·68	16·16

TEMPERATURE (°C).

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1915.

Month	Hours of Observations.																							Mean of Month
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt	
January ...	−2·06	−2·34	−2·70	−3·31	−3·42	−3·49	−3·92	−3·15	−2·45	−0·98	+0·95	+2·53	+4.02	+4·76	+5·04	+4·63	+3·59	+2·19	+1·37	+0·80	+0·22	−0·26	−0·87	−1·27	14·36
February ...	−2·14	−2·73	−3·22	−3·39	−3·77	−3·87	−3·86	−3·14	−1·47	+0·49	+2·08	+3·34	+4·32	+4·67	+5·00	+4·69	+3·91	+2·52	+1·41	+0·42	−0·47	−1·20	−1·53	−2·13	15·57
March ...	−2·98	−3·49	−3·69	−4·09	−4·62	−4·73	−4·42	−2·85	−1·01	+1·10	+2·57	+3·82	+4·62	+5·06	+5·24	+4·98	+4·28	+2·94	+1·75	+0·63	−0·22	−0·92	−1·61	−2·40	17·97
April	−3·40	−4·03	−4·39	−4·74	−5·21	−5·30	−4·32	−2·93	−0·86	+0·82	+2·41	+3·79	+4·85	+5·38	+5·73	+5·54	+4·71	+3·64	+2·39	+1·23	+0·04	−0·93	−1·87	−2·50	20·51
May	−4·38	−4·88	−5·26	−5·65	−6·13	−5·82	−4·40	−2·43	−0·13	+1·87	+3·34	+4·59	+5·36	+6·03	+6·28	+6·18	+5·67	+4·53	+2·78	+0·94	−0·61	−1·76	−2·69	−3·37	24·18
June	−3·99	−4·77	−5·35	−5·72	−6·25	−5·67	−4·61	−3·03	−0·71	+1·48	+3·08	+4·29	+5·27	+5·69	+6·11	+5·96	+5·65	+4·80	+3·33	+1·43	−0·05	−1·29	−2·32	−3·32	28·47
July	−4·22	−5·03	−5·51	−5·75	−6·37	−6·07	−5·13	−3·26	−1·13	+0·88	+2·69	+4·21	+5·35	+5·92	+6·54	+6·55	+6·03	+5·13	+3·62	+1·98	+0·26	−1·22	−2·32	−3·25	28·47
August ...	−3·72	−4·44	−4·92	−5·20	−5·59	−5·78	−5·23	−3·54	−1·64	+0·31	+2·35	+3·80	+5·16	+6·08	+6·56	+6·64	+6·03	+4·92	+3·26	+1·67	−0·04	−1·26	−2·25	−3·13	28·03
September ..	−3·53	−3·92	−4·36	−4·77	−5·03	−5·22	−4·32	−2·61	−0·25	+1·78	+3·18	+4·44	+5·34	+5·56	+5·62	+5·25	+4·43	+3·15	+1·93	+0·65	−0·50	−1·54	−2·34	−3·06	25·02
October ...	−3·48	−3·82	−4·49	−4·82	−5·16	−5·43	−4·65	−2·73	−0·42	+1·90	+3·87	+5·03	+5.89	+6·20	+6·09	+5·49	+4·23	+2·69	+1·51	+0·20	−0·93	−1·66	−2·47	−2·98	24·12
November ..	−2·55	−2·91	−3·15	−3·54	−3·71	−3·88	−3·77	−2·26	−0·58	+1·11	+2·74	+4·00	+4·81	+5·15	+5·12	+4·48	+3·21	+1·85	+0·82	−0·08	−0·79	−1·44	−2·09	−2·46	19·68
December ...	−2·08	−2·51	−2·87	−3·23	−3·11	−3·70	−3·87	−3·30	−1·10	+0·88	+2·41	+3·46	+4·28	+4·66	+4·42	+4·07	+2·90	+1·92	+1·05	+0·24	−0·36	−0·93	−1·40	−1·71	16·16
Mean	−3·21	−3·74	−4·16	−4·52	−4·87	−4·92	−4·38	−2·94	−0·98	+0·97	+2·64	+3·94	+4·94	+5·43	+5·64	+5·37	+4·55	+3·36	+2·10	+0·84	−0·29	−1·20	−1·98	−2·63	21·88

MAXIMUM AND MINIMUM TEMPERATURE (°C.).

1915.

DAYS OF MONTH	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
1	18·7	9·7	25·8	14·3	18·8	6·4	23·6	10·8	27·2	14·3	35·7	22·4
2	18·4	8·4	28·1	15·9	20·2	6·6	24·6	11·0	25·5	13·9	32·5	20·4
3	19·0	10·0	23·0	13·1	20·1	8·0	25·2	11·6	25·6	12·5	32·6	20·3
4	19·7	8·6	16·0	4·4	20·7	8·6	29·9	13·8	26·4	14·8	32·5	19·3
5	21·1	8·2	16·8	5·7	19·1	9·2	36·9	25·9	26·2	13·3	34·3	19·7
6	25·0	10·2	17·0	6·3	20·7	7·1	24·9	16·9	27·0	12·8	35·5	19·4
7	17·4	9·4	17·2	10·5	26·2	9·3	23·3	12·4	27·5	14·8	35·7	20·3
8	15·3	6·4	19·2	8·2	27·7	13·3	22·9	11·2	26·0	14·4	35·1	20·7
9	16·5	8·6	16·6	8·2	31·3	16·1	25·6	10·4	27·1	12·5	35·2	20·2
10	18·4	7·1	16·2	6·3	33·4	19·9	27·9	12·6	28·3	13·4	34·9	19·5
11	19·1	7·4	18·2	5·8	34·0	19·0	27·9	12·7	31·2	15·3	33·8	19·7
12	17·6	7·7	22·2	9·8	21·8	14·7	28·9	14·9	34·1	16·7	34·8	20·1
13	18·5	6·0	25·9	9·2	19·0	9·6	37·6	15·8	38·7	18·1	36·5	22·1
14	17·6	6·6	20·9	12·0	19·2	9·6	25·8	17·5	33·8	19·9	39·5	23·0
15	15·1	6·1	18·2	8·1	24·9	10·0	25·0	14·8	28·2	16·2	43·7	30·3
16	17·0	5·1	20·8	8·7	28·1	14·5	25·1	12·8	26·9	14·6	46·3	31·0
17	17·9	8·1	21·6	6·5	26·1	12·2	25·2	13·0	26·9	14·8	35·6	22·2
18	21·6	10·2	17·4	9·4	19·7	10·6	26·1	13·7	30·0	16·3	32·4	20·7
19	19·3	5·4	17·9	9·8	21·3	9·8	25·7	11·8	32·6	16·2	34·8	20·1
20	23·3	7·8	20·1	8·6	26·6	9·4	27·4	11·2	32·6	19·7	36·8	21·6
21	20·5	11·1	26·3	9·8	29·1	9·9	27·1	11·7	34·2	18·1	32·9	21·5
22	14·3	12·2	24·2	5·1	27·2	13·2	23·3	11·9	37·7	18·7	34·4	19·8
23	18·2	10·4	26·3	10·9	23·7	11·4	26·0	11·8	31·6	18·8	38·1	22·6
24	22·1	6·8	28·3	13·6	19·8	10·7	31·6	14·2	29·2	15·3	35·2	21·1
25	25·2	6·7	27·0	14·2	22·0	8·7	36·3	21·8	37·6	18·3	32·9	20·2
26	25·2	16·9	24·9	12·7	27·0	13·7	26·8	16·3	40·2	24·7	33·8	21·2
27	20·9	10·3	28·9	12·9	26·8	12·4	27·0	14·3	43·0	28·2	33·8	19·0
28	21·6	8·3	23·6	11·5	32·2	18·3	26·7	14·1	43·4	30·3	34·5	20·9
29	28·6	11·9	—	—	23·6	14·6	27·7	14·7	33·4	19·8	38·3	21·2
30	28·1	16·8	—	—	29·7	11·6	28·6	14·0	34·7	18·2	37·8	25·5
31	26·7	14·3	—	—	27·8	16·9	—	—	35·5	20·2	—	—
Mean	20·25	9·12	21·74	9·70	24·57	11·78	27·35	13·99	31·69	17·26	35·66	21·53
Extreme for month	28·6	5·1	28·9	4·4	34·0	6·4	37·6	10·4	43·4	12·5	46·3	19·0

DAYS OF MONTH	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
1	32·9	21·2	37·0	22·0	33·3	19·4	32·8	17·4	27·7	19·8	17·7	7·9
2	33·9	20·5	38·2	21·9	35·1	20·8	33·9	18·0	26·4	17·2	18·1	9·3
3	39·0	19·5	36·3	22·4	36·1	21·4	33·7	17·4	26·6	17·1	19·6	9·2
4	39·5	22·0	36·4	20·5	35·6	21·3	33·5	18·9	26·2	17·4	20·2	11·6
5	34·3	21·8	37·3	21·8	38·8	20·4	32·1	17·9	26·5	16·3	22·2	9·7
6	32·3	19·9	35·9	22·3	39·7	21·9	34·8	20·0	24·6	14·2	21·7	10·7
7	33·9	20·3	33·9	22·0	35·7	22·5	35·2	19·4	24·7	15·2	21·5	10·5
8	35·3	21·1	32·9	19·8	32·2	20·7	34·8	29·9	25·7	14·4	21·0	11·1
9	36·4	21·5	32·2	21·9	30·8	20·7	37·9	19·6	24·8	14·8	21·6	11·2
10	36·3	21·1	32·9	20·9	29·4	19·1	31·7	20·2	28·2	16·0	21·7	11·5
11	35·6	20·7	34·0	20·8	30·7	18·5	28·9	20·0	32·2	17·9	22·3	12·9
12	35·0	20·4	36·1	21·5	32·1	18·9	28·6	18·5	31·6	17·8	23·4	13·7
13	34·4	20·7	36·1	21·5	35·0	19·4	27·1	17·9	25·3	16·1	22·0	11·4
14	36·3	22·3	35·8	21·6	34·8	21·8	25·2	15·3	25·8	15·8	21·4	11·0
15	37·1	21·8	36·4	22·3	32·1	21·1	26·4	15·9	27·2	15·7	21·6	12·4
16	37·8	22·4	37·1	20·3	29·4	20·2	28·0	16·7	25·6	16·8	21·1	10·0
17	38·7	20·9	36·1	22·4	28·5	18·4	30·7	18·6	25·3	16·5	25·5	12·5
18	38·7	21·6	33·9	22·1	28·4	16·6	30·9	17·3	24·9	16·0	26·0	14·5
19	38·1	22·1	36·5	22·0	28·7	18·8	32·1	18·8	26·5	16·1	24·2	16·0
20	38·3	22·9	38·3	22·4	30·7	19·4	31·6	19·5	30·7	17·3	24·1	13·6
21	35·8	23·4	33·7	23·1	31·3	18·5	27·3	18·3	27·1	13·1	23·7	9·0
22	34·5	21·1	33·6	19·9	31·5	19·4	29·3	17·6	25·8	15·3	25·4	14·1
23	33·4	21·6	37·6	20·1	30·6	18·9	31·0	18·4	27·1	15·7	27·1	17·5
24	34·4	21·5	38·3	22·4	27·0	17·7	26·5	18·3	23·8	13·5	20·2	15·4
25	34·4	21·6	39·5	24·2	27·9	16·4	26·2	16·1	23·0	12·7	19·0	9·0
26	34·0	20·5	38·6	21·8	27·2	17·3	26·3	17·2	23·5	12·5	18·9	8·7
27	35·5	20·4	33·9	23·4	29·0	16·9	31·1	14·9	22·4	11·8	19·1	9·2
28	36·8	22·8	32·9	21·5	31·6	18·5	35·1	19·7	23·6	12·6	19·3	11·4
29	35·7	22·8	32·1	21·8	32·2	19·7	35·9	16·9	19·3	12·1	18·7	8·1
30	37·4	23·0	32·0	20·9	31·8	18·0	37·7	21·1	14·9	8·3	20·2	10·2
31	37·2	21·5	32·3	20·0	—	—	32·0	16·8	—	—	21·3	11·2
Mean	35·90	21·45	35·41	21·66	31·91	19·42	31·24	18·18	23·57	15·20	21·61	11·44
Extreme for month	39·5	19·5	39·5	19·8	39·7	16·4	37·9	14·9	32·2	8·3	27·1	7·9

RELATIVE HUMIDITY.

Mean of Day.

1915.

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	73	29	47	68	44	30	54	45	59	64	63	63
2	63	42	49	59	51	40	47	53	55	58	58	62
3	58	61	51	54	51	49	38	61	42	53	57	51
4	61	46	48	37	47	49	45	58	50	49	67	61
5	55	48	60	10	53	48	52	59	46	66	63	69
6	35	59	44	38	48	47	54	60	52	53	67	71
7	48	54	33	56	53	49	57	54	61	49	65	68
8	74	46	29	68	43	49	47	44	64	46	59	68
9	78	63	21	54	49	48	36	52	55	40	63	69
10	56	63	11	50	42	46	41	56	60	62	52	66
11	59	52	12	49	46	54	46	53	57	64	36	67
12	53	50	63	38	32	47	43	55	54	59	39	65
13	49	34	61	28	22	32	54	46	45	64	63	69
14	50	28	60	47	39	21	50	50	44	57	58	67
15	51	46	45	48	62	13	45	51	60	58	65	66
16	60	53	54	50	58	19	43	53	56	56	68	82
17	55	44	70	57	63	49	30	53	54	59	63	72
18	49	38	64	49	57	49	28	59	54	62	62	60
19	62	54	54	47	45	43	27	49	61	56	63	64
20	50	61	48	49	32	35	33	42	65	58	59	46
21	29	43	40	53	34	49	47	55	66	73	66	43
22	49	36	45	66	28	46	59	49	64	60	69	47
23	50	40	63	58	51	29	55	39	69	60	56	50
24	64	25	61	39	58	43	56	46	63	62	53	66
25	63	34	47	32	38	54	55	43	54	60	52	77
26	39	54	36	65	18	52	53	60	56	56	60	65
27	60	27	54	59	13	53	57	60	53	59	47	63
28	46	35	39	55	21	54	58	56	52	45	47	58
29	24	—	60	50	51	50	57	61	64	35	49	63
30	38	—	48	46	38	43	45	63	61	22	64	69
31	33	—	44	—	31	—	41	59	—	59	—	69
Mean	53	45	47	49	43	43	47	53	57	56	58	64

RELATIVE HUMIDITY.

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1915.

Month	Hours of Observations.																								Mean of Month.
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	
January ...	+ 5	+ 7	+ 6	+ 9	+ 7	+ 6	+ 7	+ 8	+11	+ 6	0	— 2	— 8	—13	—15	—14	—11	— 7	— 5	— 3	— 2	0	+ 1	+ 2	53
February ...	+ 4	+ 7	+10	+ 9	+10	+ 8	+ 9	+11	+10	+ 4	— 1	— 4	— 9	—14	—16	—15	—14	— 9	— 6	— 3	+ 1	+ 5	+ 4	+ 6	45
March ...	+14	+14	+15	+16	+18	+17	+15	+11	+ 3	— 3	— 8	—15	—16	—19	—20	—19	—17	—12	— 8	— 4	0	+ 4	+ 7	+11	47
April	+19	+23	+26	+28	+30	+29	+21	+12	— 2	— 8	—14	—18	—21	—23	—25	—25	—23	—19	—15	— 9	— 3	+ 4	+ 9	+14	49
May	+19	+21	+23	+25	+27	+25	+18	+ 9	— 2	— 9	—15	—19	—21	—23	—24	—24	—23	—20	—14	— 8	— 1	+ 5	+ 9	+13	43
June	+15	+18	+22	+24	+25	+23	+21	+14	+ 3	— 7	—13	—17	—20	—21	—22	—21	—21	—19	—15	— 9	— 3	+ 2	+ 7	+12	43
July	+18	+23	+26	+27	+30	+28	+26	+15	+ 3	— 6	—14	—19	—24	—25	—27	—26	—25	—22	—18	—12	— 4	+ 2	+ 8	+13	47
August ...	+19	+24	+26	+26	+29	+30	+27	+17	+ 5	— 5	—14	—19	—24	—27	—28	—29	—27	—23	—18	—11	— 3	+ 3	+10	+15	53
September .	+17	+19	+21	+23	+24	+23	+19	+11	— 3	—11	—17	—21	—24	—25	—24	—23	—20	—16	—11	— 6	+ 1	+ 7	+11	+15	57
October ...	+15	+16	+19	+21	+22	+24	+20	+13	+ 2	— 8	—18	—22	—25	—27	—26	—24	—19	—15	—10	— 3	+ 3	+ 7	+11	+12	56
November .	+14	+13	+13	+14	+14	+14	+13	+11	+ 5	— 1	— 9	—14	—18	—20	—21	—19	—14	— 9	— 5	0	+ 3	+ 6	+10	+12	58
December...	+ 8	+10	+11	+11	+ 9	+11	+12	+15	+ 6	— 1	— 7	—11	—17	—21	—19	—19	—15	— 9	— 4	0	+ 3	+ 5	+ 7	+ 8	64
Mean	+14	+17	+18	+20	+21	+20	+18	+13	+ 4	— 4	—11	—15	—19	—21	—22	—21	—19	—15	—11	— 5	0	+ 4	+ 8	+11	51

VAPOUR PRESSURE.
(In Millimetres.)

Mean of Day.

1915.

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

VAPOUR PRESSURE.

(In millimetres.)

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1915.

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 ...	−0·09	−0·11	−0·31	−0·20	−0·35	−0·59	−0·64	−0·35	+0·31	+0·38	+0·47	+0·89	+0·67	+0·22	−0·05	+0·01	+0·03	+0·09	+0·02	+0·05	−0·05	−0·06	−0·08	−0·26	6·20
February ...	−0·26	−0·15	+0·11	−0·15	−0·23	−0·56	−0·22	+0·21	+0·68	+0·71	+0·81	+0·84	+0·33	−0·37	−0·64	−0·60	−0·62	−0·29	−0·15	−0·12	+0·06	+0·36	+0·06	+0·04	5·64
March ...	+0·67	+0·53	+0·49	+0·35	+0·52	+0·31	+0·30	+0·58	+0·21	+0·29	+0·19	−0·57	−0·71	−0·94	−1·07	−1·12	−0·99	−0·44	−0·20	−0·03	+0·16	+0·34	+0·39	+0·66	6·62
April... ...	+1·48	+1·71	+1·81	+1·85	+1·94	+1·70	+1·32	+0·83	−0·26	−0·48	−0·90	−1·25	−1·45	−1·70	−2·12	−2·23	−1·84	−1·52	−1·08	−0·61	−0·03	+0·57	+0·97	+1·29	7·89
May	+2·01	+1·90	+1·96	+1·93	+1·99	+1·88	+1·61	+1·09	−0·01	−0·62	−1·37	−1·90	−2·11	−2·46	−2·61	−2·47	−2·20	−1·81	−1·03	−0·27	+0·53	+1·03	+1·22	+1·60	8·22
June	+1·47	+1·68	+1·95	+2·11	+1·95	+1·195	+2·47	+2·13	+1·15	−0·17	−1·05	−1·72	−2·32	−2.41	−2·76	−2·56	−2·38	−2·23	−1·60	−0·76	−0·05	+0·56	+1·05	+1·45	11·10
July	+2·18	+2·54	+2·87	+2·69	+3·01	+2·87	+3·28	+2·32	+0·86	−0·24	−1·52	−2·33	−3·23	−3·45	−3·93	−3·62	−3·09	−2·64	−2·14	−1·08	+0·21	+0·95	+1·46	+1·96	12·18
August ...	+2·51	+2·84	+2·88	+2·62	+2·81	+2·81	+2·84	+2·14	+0·72	−0·20	−1·40	−2·01	−2·81	−3·57	−3·70	−3·80	−3·46	−2·88	−1·86	−1·01	+0·12	+0·85	+1·59	+2·09	13·66
September..	+1·54	+1·66	+1·64	+1·71	+1·48	+1·14	+1·23	+1·17	−0·06	−0·90	−1·49	−1·85	−2·32	−2·33	−2·06	−1·86	−1·45	−1·04	−0·49	−0·10	+0·57	+1·12	+1·26	+1·49	12·57
October ...	+1·04	+1·11	+1·23	+1·31	+1·13	+1·27	+1·10	+1·43	+0·88	+0·22	−1·26	−1·69	−1·96	−2·66	−2·34	−2·02	−1·36	−1·08	−0·52	+0·31	+0·61	+1·06	+1·24	+1·05	11·51
November..	+0·83	+0·53	+0·32	+0·20	+0·10	0·00	−0·04	+0·59	+0·63	+0·62	+0·15	−0·11	−0·70	−0·96	−1·22	−1·12	−0·77	−0·35	−0·19	+0·15	+0·16	+0·35	+0·44	+0·47	9·73
December...	+0·15	+0·04	−0·04	−0·31	−0·49	−0·43	−0·46	+0·13	+0·38	+0·50	+0·47	+0·32	−0·28	−0·69	−0·41	−0·53	−0·40	+0·02	+0·22	+0·39	+0·39	+0·41	+0·31	+0·29	8·53
Mean	+1·13	+1·19	+1·24	+1·17	+1·15	+1·04	+1·06	+1·02	+0·45	+0·01	−0·58	−0·95	−1·41	−1·78	−1·91	−1·83	−1·55	−1·18	−0·75	−0·26	+0·22	+0·63	+0·82	+1·01	9·49

WIND.—Resultant Direction and Velocity for every day.

In degrees E of N and kilometres per hour.

1915

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	344	12·0	56	2·6	288	11·7	339	14·6	23	18·7	0	16·3	333	18·1	342	13·0	359	13·9	7	17·5	6	21·5	330	1·9
2	16	11·3	13	1·5	2	6·7	355	12·0	24	19·0	344	15·0	26	20·4	321	19·2	19	16·4	11	16·1	25	21·4	8	9·0
3	38	17·8	290	7·5	6	12·1	357	11·1	30	16·6	0	19·0	37	23·1	316	18·2	20	17·5	2	16·3	40	28·2	44	22·0
4	43	16·5	232	10·5	344	11·4	72	11·3	13	18·7	353	15·6	9	21·3	330	9·9	23	23·5	20	20·0	30	21·2	34	19·3
5	62	5·5	26	3·2	5	11·5	172	24·1	3	16·2	356	18·4	358	22·3	341	12·9	6	17·6	5	18·3	19	16·3	13	17·1
6	176	14·5	12	16·7	324	5·9	281	18·3	4	16·2	22	19·0	333	17·0	332	15·2	351	17·8	17	17·2	348	9·4	19	17·1
7	191	30·5	20	22·1	205	6·3	315	12·6	9	19·7	358	17·9	348	18·3	349	18·5	351	23·8	14	14·2	356	7·8	36	20·3
8	194	22·2	28	20·5	168	18·0	322	13·5	29	20·2	10	18·0	6	17·6	5	12·7	90	24·4	54	20·9	359	7·9	17	12·9
9	176	12·8	324	12·1	161	10·8	18	15·6	22	17·3	350	17·1	27	22·4	342	14·3	345	21·5	19	3·6	2	7·6	23	14·2
10	173	5·8	343	4·9	137	12·3	16	17·6	30	24·2	328	15·1	16	22·5	323	19·8	342	14·2	345	14·1	31	6·6	40	22·1
11	152	4·9	20	13·7	166	17·8	20	15·5	44	38·7	340	14·3	358	19·0	0	19·9	335	14·8	2	20·0	76	11·8	45	22·6
12	212	5·4	45	33·5	351	24·4	49	26·3	44	25·3	4	13·6	329	15·7	26	23·3	14	15·6	20	17·9	52	0·8	50	27·0
13	144	5·6	63	8·5	345	11·3	168	5·3	37	16·1	16	12·4	315	14·9	10	16·5	23	17·7	339	15·0	17	15·8	14	9·9
14	155	4·7	160	9·2	340	9·0	354	24·9	337	16·6	58	14·1	339	10·8	344	14·9	20	16·7	344	14·7	45	23.5	12	10·1
15	191	15·2	5	4·6	74	11·6	34	30·6	340	13·8	102	9·6	336	13·4	354	15·3	0	18·9	356	15·1	47	23·9	44	26·4
16	213	10·0	46	20·0	50	18·3	20	27·4	337	14·2	235	8·0	347	14·6	343	13·8	354	20·8	34	22·2	32	27·7	4	6·5
17	136	4·2	157	8·9	344	12·9	6	25·2	329	13·8	316	10·4	15	15·5	356	17·6	359	18·3	40	24·0	30	22·9	23	14·1
18	36	19·3	200	13·0	342	11·5	35	21·0	322	7·8	344	15·3	14	15·6	343	13·4	350	12·7	36	20·1	40	22·9	37	22·1
19	3	10·5	235	3·0	22	15·9	28	21·4	3	9·7	18	17·2	21	13·9	343	17·1	348	17·0	36	18·9	44	33·1	45	34·1
20	55	2·8	12	2·9	53	23·9	16	17·0	20	16·1	7	13·9	8	11·4	349	10·6	4	20·9	20	15·6	36	16·8	48	32·7
21	119	4·9	50	16·2	28	13·7	336	12·4	42	24·1	6	19·0	343	15·7	336	20·5	4	21·0	344	10·7	6	9·6	76	4·8
22	338	11·2	348	5·0	14	15·7	295	17·5	4	9·2	26	18·2	336	17·8	341	16·7	1	19·8	354	8·7	24	15·8	51	7·0
23	11	9·1	19	11·2	353	19·7	285	7·3	336	19·5	54	7·2	342	19·0	26	18·1	349	17·8	354	8·0	48	22·5	173	10·7
24	37	15·9	18	3·7	334	15·1	152	5·8	356	14·1	7	23·4	343	15·7	45	30·0	340	17·5	349	12·9	165	9·7	248	10·6
25	32	4·7	349	5·7	12	4·6	208	3·9	51	17·9	349	20·6	342	16·5	28	30·0	351	16·7	10	20·4	200	11·4	204	3·3
26	315	0·1	36	22·1	40	14·7	324	11·0	63	30·2	330	18·9	347	14·2	346	23·4	356	22·1	37	27·4	202	9·0	341	7·5
27	176	16·7	62	24·1	25	11·8	339	8·5	72	23·0	315	21·4	352	14·9	356	21·4	12	22·2	44	31·6	175	6·2	359	4·5
28	88	2·8	260	12·8	216	12·2	334	10·6	272	0·9	320	19·5	327	16·2	358	20·7	36	30·5	42	22·2	178	10·8	331	9·6
29	106	8·9	—	—	290	17·3	347	12·6	351	19·4	357	12·5	352	11·5	340	19·3	21	20·0	2	8·1	254	18·5	6	6·6
30	159	8·9	—	—	184	3·5	34	21·0	28	21·8	335	13·8	25	17·6	336	15·9	12	15·8	56	4·4	310	16·6	8	10·1
31	150	10·7	—	—	337	9·2	—	—	18	16·8	—	—	7	14·6	350	15·2	—	—	336	13·2	—	—	37	19·5
Mean	129	2·7	28	6·7	8	6·1	5	10·7	21	15·9	355	14·0	357	15·7	352	16·4	4	18·2	17	15·3	30	10·8	32	12·5

WIND.—Resultant Direction and Velocity for every hour.

In degrees E of N and kilometres per hour.

1915.

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	81	7·4	56	10·8	48	10·0	30	16·1	39	18·5	22	12·4	17	12·7	7	13·0	12	14·0	33	12·0	40	12·3	46	12·4	33	12·0
2	87	7·4	54	7·0	58	8·4	26	11·1	42	17·5	25	10·8	10	11·5	2	11·5	12	13·2	32	11·5	42	11·4	43	11·2	33	10·3
3	91	6·3	54	6·5	64	7·2	31	9·7	48	15·4	25	9·6	18	9·5	2	10·7	11	12·3	22	10·1	41	10·1	40	11·1	34	9·2
4	99	4·3	60	5·9	66	6·8	32	7·4	30	11·8	17	9·0	12	10·1	9	9·4	6	11·3	18	9·8	40	8·2	38	10·8	31	8·1
5	95	5·4	64	6·3	58	5·2	26	7·7	42	10·7	18	7·0	5	8·7	10	9·7	8	10·6	26	9·7	43	9·2	40	9·6	32	7·8
6	96	6·0	68	6·1	58	4·0	21	7·1	43	10·8	18	6·5	358	8·5	10	8·8	5	10·7	30	9·5	37	8·9	38	8·6	30	7·2
7	106	5·9	59	6·9	66	5·4	27	7·7	44	10·0	4	6·8	350	10·0	11	10·1	8	11·1	30	9·0	51	7·4	40	8·2	32	7·4
8	119	5·6	68	6·5	73	3·9	23	7·0	32	12·1	353	8·5	354	12·3	356	10·8	8	14·2	22	10·4	40	8·0	38	6·1	23	7·6
9	151	4·7	86	5·0	67	1·3	3	6·8	28	12·1	354	9·4	357	13·7	346	13·1	5	16·4	14	12·7	44	11·2	36	8·2	10	8·1
10	181	4·9	72	5·0	282	1·6	347	7·7	18	12·4	342	11·1	353	13·5	343	13·4	4	16·1	10	12·7	36	9·3	40	9·8	7	8·2
11	198	3·5	40	1·4	289	3·3	344	8·1	14	10·7	346	12·1	343	15·2	348	15·6	358	20·0	6	15·2	27	10·3	33	12·7	0	9·5
12	206	6·4	341	3·6	278	7·2	329	7·7	358	12·7	338	15·4	348	15·8	348	17·9	355	21·6	9	16·2	8	9·5	18	12·8	350	10·6
13	224	7·0	328	6·0	286	8·3	322	7·3	358	14·3	331	17·3	341	17·3	336	19·7	350	22·1	4	16·7	4	8·9	23	13·2	343	11·6
14	230	7·8	320	8·5	289	11·7	321	10·4	354	14·4	334	18·2	339	19·0	336	20·6	351	23·4	1	17·4	358	9·3	14	14·5	340	12·3
15	228	6·2	331	9·1	302	11·9	324	13·0	348	16·8	329	19·8	338	19·5	333	21·6	355	24·5	2	18·5	353	10·9	12	16·1	340	14·2
16	226	3·8	334	10·4	308	14·3	332	14·3	351	17·7	329	20·9	340	20·9	335	22·6	351	25·3	358	19·3	358	10·7	16	15·9	342	15·3
17	219	2·6	342	9·3	326	14·0	338	15·1	354	17·9	334	20·4	338	22·3	342	23·2	352	25·1	6	20·7	15	10·3	19	14·5	348	15·4
18	257	2·3	356	9·5	342	13·0	344	15·4	358	20·2	337	21·9	342	21·8	342	23·3	356	23·6	9	20·4	22	11·6	24	14·1	353	15·8
19	88	0·8	14	11·3	2	14·0	352	15·5	5	22·7	340	21·9	345	23·0	347	22·8	3	23·4	11	21·4	28	13·2	28	15·2	1	16·5
20	78	3·7	24	13·4	20	14·7	4	16·8	22	26·8	2	23·7	358	23·2	359	24·1	10	23·3	18	21·8	29	16·3	38	16·9	14	18·2
21	82	5·4	36	15·3	30	15·2	17	18·1	30	26·7	16	23·0	11	24·9	3	24·7	13	23·7	29	23·4	36	17·0	40	18·5	24	19·1
22	92	6·5	36	12·0	35	14·9	23	18·6	34	27·3	22	21·6	20	23·9	8	22·2	18	22·1	33	20·4	36	16·3	43	17·3	28	18·1
23	86	5·2	48	10·7	40	13·5	32	18·1	35	25·5	24	18·8	24	20·0	9	19·0	20	19·5	34	20·0	41	16·0	43	15·1	32	16·3
24	91	6·6	50	10.0	38	11·4	35	17·8	35	20·1	25	15·9	20	15·4	10	15·9	16	16·3	34	16·2	44	14·3	41	13·1	33	13·9
Day	129	2·7	28	6·7	8	6·1	5	10·7	21	15·9	355	14·0	357	15·7	352	16·4	4	18·2	17	15·3	30	10·8	32	12·5	11	11·5

WIND VELOCITY.

(Kilometres per hour.)

MEAN OF DAY.

1915.

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12·8	10·6	15·2	15·6	21·3	19·9	19·5	14·6	14·8	18·2	22·1	6·9
2	12·4	18·7	9·7	13·5	20·2	18·7	21·8	19·7	18·0	16·9	23·1	10·5
3	18·0	10·4	14·0	13·8	17·8	19·0	24·4	18·3	18·8	18·6	28·6	22·1
4	16·8	14·4	13·3	17·4	21·0	16·1	22·3	11·2	25·1	21·3	22.8	20·6
5	8·8	11·2	13·2	34·3	18·0	18·8	22·5	13·8	19·4	19·0	17·4	18·3
6	18·2	18·3	12·3	22·5	17·5	20·5	18·1	16·2	19·2	18·5	10·9	18·3
7	31·7	23·8	13·9	15·5	22·0	19·1	19·3	20·2	25·0	15·9	9·7	21·3
8	22·9	21·8	19·6	15·2	21·4	19·7	19·9	17·2	24·4	21·8	9·8	14·5
9	13·2	13·8	15·2	16·5	18·4	17·7	23·9	16·2	22·4	9·5	9·8	15·4
10	7·8	10·0	18·1	19·9	24·7	16·2	23·8	20·7	15·6	15·9	9·7	22·6
11	8·8	14·8	22·6	18·2	39·0	16·5	19·5	20·5	15·9	21·0	13·3	22·6
12	11·6	33·6	25·1	26·9	26·2	17·5	16·8	24·6	17·3	19·3	9·8	27·5
13	7·0	13·1	12·0	15·7	18·4	17·4	15·4	17·4	19·2	16·5	16·8	11·7
14	9·2	13·2	10·6	27·6	24·4	16·9	14·2	15·9	18·3	15·8	23·5	10·8
15	17·8	12·0	15·5	31·1	15·5	17·3	14·6	16·8	19·8	15·5	24·0	26·5
16	15·8	20·3	24·9	28·9	16·6	24·2	16·8	15·4	21·2	23·1	29·0	7·8
17	9·4	11·8	14·3	25·5	15·1	19·6	18·2	18·2	19·8	24.4	24·2	15·3
18	22·0	16·6	13·6	23·1	9·5	17·7	16·9	14·4	14·8	21·0	23·1	23·6
19	12·6	12·6	16·9	22·8	13·5	19·1	19·0	17·5	18·1	20·0	33·3	34·2
20	6·3	8·9	25·0	19·0	20·2	17·6	15·5	13·6	21·3	18·3	20·3	33·4
21	9·2	18·1	18·0	16·8	24·5	19·8	18·0	21·8	21·4	12·3	11·5	6·5
22	14·3	6·9	19·0	19.2	14·2	19·5	18·9	18·0	19·9	11·4	17·0	11·4
23	10·5	15·5	20·2	12·0	21·5	14·0	20·2	19·4	18·8	11·5	22·9	14·1
24	16·7	8·2	16·3	10·5	16·0	24·7	16·6	30·8	18·8	14·5	13·6	12·8
25	7·8	10·0	8·4	21·4	19·8	21·4	17·6	32·0	17·5	21·5	16·2	8·0
26	8·5	24·3	21·4	12·0	33·3	19·7	14·7	24·9	22·4	28·4	10·5	10·7
27	21·7	26·7	16·1	10·0	25·6	21·5	16·4	21·9	23·4	31·8	11·0	6·2
28	9·7	18·6	31·0	12·6	21·1	19·9	17·3	20·9	31·3	24·2	13·1	11·1
29	10·7	—	21·6	14·8	22·9	14·5	15·2	20·5	22·9	10·7	25·2	7·5
30	11·0	—	7·4	21·8	23·5	18·5	19·1	17·1	16·7	8·6	17·0	10·9
31	11·8	—	21·2	—	18·3	—	17·5	15·6	—	14·2	—	20·5
Mean	13·4	15·7	17·0	19·1	20·7	18·8	18·5	18·9	20·0	18·1	18·0	16·2

WIND VELOCITY.

(In kilometres per hour).

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

1915.

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 ...	0·0	−0·2	−1·3	−1·6	−1·4	−1·4	−2·0	−3·0	−3·8	−1·2	−1·3	+2·8	+2·3	+4·1	+4·7	+3·5	+1·8	−0·8	−0·9	+0·5	+0·5	−0·2	−0·9	−0·5	13·4
February ...	+0·9	−3·4	−5·4	−5·5	−4·5	−5·3	−3·4	−3·8	−4·2	−1·1	−3·2	−0·9	+0·5	+2·2	+3·0	+4·9	+4·9	+3·3	+4·1	+5·7	+6·4	+2·2	+0·8	+0·8	15·7
March ...	−0·3	−2·4	−2·6	−3·3	−6·3	−6·5	−6·6	−7·1	−5·2	−1·1	−1·4	+2·6	+3·1	+3·4	+3·8	+5·4	+3·9	+2·3	+2·7	+4·2	+4·6	+4·1	+1·5	+0·4	17·0
April... ...	+0·4	−3·2	−5·1	−6·5	−7·3	−7·7	−7·2	−5·0	−1·0	0·0	0·0	+1·9	+2·5	+2·7	+3·6	+4·4	+4·3	+3·3	+2·7	+4·0	+4·7	+4·1	+2·9	+2·4	19·1
May	+0·9	+0·4	−1·9	−5·6	−7·6	−7·8	−7·4	−5·1	−5·0	−3·6	−4·2	−2·1	−1·4	−0·7	+0·5	+1·0	+1·8	+3·0	+6·3	+10·5	+9·7	+9·1	+6·8	+2·1	20·7
June	−2·0	−3·8	−5·3	−6·7	−8·1	−9·5	−9·0	−6·5	−6·1	−4·5	−3·0	−0·2	+1·8	+2·7	+3·9	+4·5	+4·8	+5·3	+5·7	+9·4	+9·5	+9·0	+5·7	+1·6	18·8
July	−4·0	−5·4	−6·8	−6·4	−8·2	−8·9	−7·3	−3·9	−2·1	−1·8	−0·5	+0·1	+1·4	+2·3	+2·7	+4·1	+5·6	+5·5	+6·5	+7·6	+9·5	+8·0	+3·4	−1·1	18·5
August ...	−4·2	−6·3	−7·6	−8·4	−8·3	−9·2	−7·5	−5·7	−3·5	−2·4	−0·6	+1·5	+3·1	+3·8	+4·5	+6·0	+6·9	+7·0	+6·7	+7·7	+8·4	+5·9	+2·6	−1·1	18·9
September..	−4·0	−5·3	−6·7	−7·8	−8·2	−8·4	−7·8	−4·0	−1·3	−1·3	+1·7	+3·3	+3·9	+5·0	+5·6	+6·5	+6·4	+4·8	+4·6	+5·0	+5·3	+4·0	+1·4	−1·7	20·0
Octobre ...	−4·7	−5·5	−6·7	−7·4	−7·4	−7·4	−8·0	−5·6	−3·0	−1·6	+1·3	+2·5	+3·6	+4·4	+4·8	+5·5	+5·4	+3·8	+4·5	+5·6	+7·2	+4·7	+3·5	−0·6	18·1
November...	−2·9	−3·3	−4·0	−5·4	−5·3	−5·5	−7·4	−5·5	−0·3	+0·3	+2·8	+2·9	+3·4	+3·4	+4·1	+3·9	+2·6	+1·5	+2·8	+4·0	+3·5	+3·3	+1·1	−0·4	18·0
December...	−1·6	−3·0	−3·1	−3·2	−4·2	−4·8	−5·6	−7·8	−5·1	−2·3	+1·1	+2·3	+3·1	+5·3	+6·2	+4·8	+2·1	+1·1	+1·6	+3·7	+5·9	+3·8	−1·3	−0·4	16·2
Mean	−1·8	−3·5	−4·7	−5·7	−6·4	−6·9	−6·6	−5·3	−3·4	−1·7	−0·6	+1·4	+2·2	+3·2	+3·9	+4·5	+4·2	+3·3	+3·9	+5·6	+6·2	+4·8	+2·5	+0·1	17·9

CLOUDS (0—10 scale).

1915.

January.

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

* Additional observations not used in the daily mean.

February.

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

March.

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

* Additional observations not used in the daily mean.

April.

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

CLOUDS (0—10 scale).

1915.

May.

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

* 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	2 Ci.	4 Ci.	3 Ci.	4 Ci.	1 Ci.	2·0
4	3 Ci.	2 Ci.	4 Ci.	2 Ci.	1 Ci.	2·7
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	1 Ci.	0	1 Ci.	0·7
9	1 Ci.	0	0	0	0	0·3
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	1 Ci.	0·7
14	2 Ci.	4 Ci.	4 Ci.	7 Ci.	8 Ci.	4·7
15	0	3 Ci.	5 Ci.	0	0	1·7
16	0	0	2 Ci.	3 St.	0	0·7
17	0	0	0	0	0	0·0
18	1 Ci.	0	0	0	0	0·3
19	0	0	0	0	0	0·0
20	0	0	1 Ci.	0	0	0·3
21	0	0	0	1 Ci.	0	0·0
22	0	0	0	0	0	0·0
23	0	0	0	1 Ci.	0	0·0
24	0	0	1 Ci.	1 Ci.	0	0·3
25	5 St.	0	0	0	0	1·7
26	0	0	0	0	0	0·0
27	2 Ci.	1 Ci.	0	0	0	0·7
28	2 Ci.	0	0	0	0	0·7
29	1 Ci.	0	0	0	0	0·3
30	0	0	0	0	0	0·0
Mean	0·6	0·5	0·7	0·6	0·4	0·6

July.

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

* 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	1 Ci.	0	0	0	0	0·3
3	3 Ci.	0	0	0	0	1·0
4	1 Ci.	0	0	0	0	0·3
5	5 Ci.-St.	0	0	0	0	1·7
6	1 Ci.	0	0	0	0	0·3
7	1 St.	0	0	0	0	0·3
8	0	0	0	0	0	0·0
9	0	0	1 Ci.	2 Cu.	0	0·3
10	2 Cu.	0	0	0	0	0·7
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	6 St.	0	0	0	0	2·0
18	2 Ci.	0	0	0	0	0·7
19	7 Ci.-St.	0	0	0	0	2·3
20	0	0	0	0	0	0·0
21	3 St.	0	0	0	0	1·0
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	0	0	0·0
27	3 Ci.	0	0	0	0	1·0
28	0	0	0	0	0	0·0
29	3 St.	0	2 Ci.	1 Ci.	0	1·7
30	8 St.-Cu.	1 Ci.	0	0	0	2·7
31	2 Ci.	0	0	0	0	0·7
Mean	1·5	0·0	0·1	0·1	0·0	0·6

CLOUDS (0—10 scale).

1915.

September.

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	1 Ci.	0	0	0	0	0·3
9	0	0	0	0	0	0·0
10	2 Ci.	0	0	0	0	0·7
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	4 Ci.-St.	0	1 Ci.	1 Ci.	0	1·7
16	0	1 Ci.	0	0	0	0·0
17	0	0	0	0	0	0·0
18	0	0	1 Ci.	2 Ci.	0	0·3
19	0	1 St.	1 St.	3 St.	0	0·3
20	4 Ci.-St.	7 Cu.	2 Ci.	2 Ci.	0	2·0
21	2 St.	0	0	0	0	0·7
22	4 Cu.	0	0	0	0	1·3
23	7 St.-Cu.	0	0	0	0	2·3
24	1 St.	0	0	1 Ci.	0	0·3
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	1 Ci.	0	0	0	0	0·3
30	0	0	0	0	0	0·0
Mean	0·9	0·3	0·2	0·3	0·0	0·3

* Additional observations not used in the daily mean.

October.

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

November.

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

* Additional observations not used in the daily mean.

December.

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

ACTINOMETRIC OBSERVATIONS.

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

1915.

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	31·0	49·4	18·4	35·4	50·0	14·6	31·5	51·4	19·9	34·3	50·4	16·1	40·0	57·6	17·6	45·2	59·6	14·4
2	28·9	43·5	14·6	26·1	49·3	23·2	31·6	48·9	17·3	37·0	54·4	17·4	37·2	53·5	16·3	43·5	59·8	16·3
3	30·2	47·2	17·0	21·2	29·6	8·4	33·9	53·1	19·2	38·2	56·7	18·5	37·5	54·1	16·6	42·8	57·8	15·0
4	32·3	50·8	18·5	25·8	42·1	16·3	31·9	48·9	17·0	35·7	48·5	12·8	38·0	54·8	16·8	44·6	60·7	16·1
5	32·2	51·3	19·1	30·0	49·5	19·5	33·3	53·0	19·7	39·8	45·9	6·1	38·5	55·7	17·2	45·5	61·7	16·2
6	33·7	50·4	16·7	30·5	51·0	20·5	33·9	53·0	19·1	35·1	51·8	16·7	39·5	57·0	17·5	44·8	58·5	13·7
7	24·0	48·9	24·9	21·3	28·9	7·6	36·4	53·7	17·3	33·0	46·8	13·8	40·5	58·7	18·2	46·8	62·1	15·3
8	18·3	24·2	5·9	31·3	49·0	17·7	39·5	58·6	19·1	33·7	49·2	15·5	38·6	56·0	17·4	44·8	59·2	14·4
9	20·5	29·0	8·5	19·4	24·8	5·4	41·3	58·5	17·2	38·9	57·1	18·2	38·1	53·8	15·7	46·0	61·3	15·3
10	28·3	44·8	16·5	19·5	26·6	7·1	45·2	64·1	18·9	39·7	55·6	15·9	41·3	58·9	17·6	43·6	57·5	13·9
11	30·5	49·0	18·5	30·3	47·9	17·6	44·4	61·8	17·4	39·0	55·0	16·0	40·3	55·6	15·3	45·2	60·8	15·6
12	28·1	45·0	16·9	35·0	54·8	19·8	35·7	55·0	19·3	41·1	59·0	17·9	46·4	63·0	16·6	46·0	62·0	16·0
13	30·3	49·8	19·5	38·0	58·0	20·0	33·7	52·6	18·9	45·2	61·5	16·3	48·4	62·9	14·5	45·5	58·8	13·3
14	28·2	45·4	17·2	27·7	37·3	9·6	31·2	52·1	20·9	33·0	43·5	10·5	42·0	54·7	12·7	48·5	59·8	11·3
15	27·5	47·0	19·5	31·6	51·2	19·6	31·0	42·0	11·0	37·4	55·2	17·8	37·8	52·5	14·7	50·5	62·4	11·9
16	25·5	40·0	14·5	32·7	50·4	17·7	38·1	54·9	16·8	38·4	56·7	18·3	37·1	52·7	15·6	54·9	69·8	14·9
17	28·7	45·5	16·8	34·0	52·9	18·9	25·9	35·3	9·4	37·7	55·7	18·0	39·8	57·0	17·2	44·0	57·2	13·2
18	33·9	53·0	19·1	28·8	46·8	18·0	26·3	37·2	10·9	37·5	55·1	17·6	36·5	47·7	11·2	44·0	60·4	16·4
19	29·9	46·4	16·5	30·9	50·0	19·1	35·0	53·8	18·8	34·7	49·5	14·8	42·3	57·1	14·8	45·8	62·5	16·7
20	34·5	53·8	19·3	33·2	52·3	19·1	38·4	57·0	18·6	38·3	54·8	16·5	43·1	57·9	14·8	46·5	60·9	14·4
21	21·2	24·0	2·8	37·2	55·8	18·6	38·2	54·9	16·7	39·5	56·5	17·0	45·6	62·0	16·4	43·0	57·9	14·9
22	16·5	23·6	7·1	36·8	56·5	19·7	31·1	38·7	7·6	26·7	34·8	8·1	48·7	64·8	16·1	45·7	62·2	16·5
23	20·5	26·9	6·4	36·3	56·0	19·7	35·0	51·4	16·4	37·7	55·0	17·3	39·4	54·1	14·7	47·4	62·0	14·6
24	32·8	49·0	16·2	41·0	59·7	18·7	32·0	49·7	17·7	42·5	59·8	17·3	40·9	56·7	15·8	44·8	59·0	14·2
25	35·7	54·2	18·5	38·2	55·5	17·3	28·7	40·1	11·4	39·3	46·1	6·8	46·8	61·8	15·0	44·2	60·8	16·6
26	35·4	53·0	17·6	37·1	55·7	18·6	39·7	58·8	19·1	32·1	41·2	9·1	50·4	65·5	15·1	44·7	61·2	16·5
27	28·0	42·6	14·6	41·5	60·9	19·4	38·8	57·9	19·1	33·8	46·5	12.7	53·3	69·2	15·9	41·9	54·8	12·9
28	33·6	53·7	20·1	34·7	52.1	17·4	31·0	36·2	5·2	34·4	46·9	12·5	53·5	69·7	16·2	45·7	61·3	15·6
29	39·0	57·5	18·5	—	—	—	37·6	58·5	20·9	38·3	54·1	15·8	45·2	61·8	16·6	49·6	65·9	16·3
30	38·7	56·5	17·8	—	—	—	39·7	56·4	16·7	41·0	58·0	17·0	44·7	59·7	15·0	48·9	65·3	16·4
31	34·4	48·8	14·4	—	—	—	39·5	57·4	17·9	—	—	—	47·2	63·5	16·3	—	—	—
Mean	29·43	45·30	15·87	31·62	48·38	16·75	35·15	51·77	16·63	37·10	52·04	14·94	42·54	58·39	15·85	45·81	60·77	14·96

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	41·7	55·1	13·4	46·4	61·2	14·8	43·2	58·3	15·1	45·0	63·2	18·2	38·3	54·9	16·6	26·5	40·3	13·8
2	46·3	62·6	16·3	47·4	61·3	13·9	44·9	59·8	14·9	46·8	65·0	18·2	39·0	57·0	18·0	26·8	41·1	14·3
3	50·7	67·2	16·5	47·0	63·8	16·8	48·1	65·1	17·0	43·8	59·7	15·9	39·0	57·2	18·2	31·6	50·3	18·7
4	48·2	61·7	13·5	47·3	63·9	16·6	47·4	64·8	17·4	43·8	59·7	15·9	38·5	57·8	19·3	32·8	51·7	18·9
5	43·9	57·9	14·0	44·8	57·1	12·3	48·7	63·6	14·9	44·5	62·7	18·2	39·4	57·7	18·3	32·8	49·9	17·1
6	43·4	59·2	15·8	47·4	63·8	16·4	49·7	64·8	15·1	47·0	65·0	18·0	36·7	54·8	18·1	31·9	48·4	16·5
7	38·8	48·2	9·4	46·4	62·8	16·4	47·8	65·4	17·6	45·0	60·8	15·8	35·5	52·0	16·5	32·4	49·4	17·0
8	44·8	58·5	13·7	43·1	57·2	14·1	44·5	61·8	17·3	46·8	65·0	18·2	36·2	52·5	16·3	31·3	48·3	17·0
9	47·7	63·7	16·0	43·8	59·5	15·7	40·0	54·5	14·5	48·3	66·7	18·4	35.9	52·8	16·9	31·6	47·9	16·3
10	47·4	63·2	15·8	44·8	60·8	16·0	41·5	59·0	17·5	41·6	57·2	15·6	37·0	52·2	15·2	31·6	47·7	16·1
11	45·4	59·8	14·4	44·2	58·5	14·3	42·3	59·2	16·9	38·5	54·0	15·5	40·1	55·3	15·2	34·4	53·0	18·6
12	45·1	60·1	15·0	47·7	63·4	15·7	42·4	57·5	15·1	41·4	59·3	17·9	41·6	59·7	18·1	33·0	50·6	17·6
13	45·6	61·6	16·0	47·9	63·8	15·9	44·9	59·9	15·0	36·9	52·3	15·4	38·0	56·5	18·5	31·9	48·2	16·3
14	48·0	64·6	16·6	47·9	64·7	16·8	46·6	63·8	17·2	35·5	51·4	15·9	36·0	53·0	17·0	34·1	53·0	18·9
15	45·4	59·4	14·0	45·8	60·2	14·4	42·0	57·3	15·3	39·3	57·5	18·2	37·7	54·8	17·1	32·2	50·4	18·2
16	49·2	65·0	15·8	46·1	60·5	14·4	39·9	55·1	15·2	40·0	58·0	18·0	37·9	56·2	18·3	27·0	38·0	11·0
17	48·2	62·3	14·1	47·1	63·0	15·9	40·9	58·5	17·6	40·3	56·0	15·7	37·6	56·3	18·7	37·2	55·2	18·0
18	50·4	66·8	16·4	45·2	61·0	15·8	40·6	58·0	17·4	39·4	53·3	13·9	34·8	51·1	16·3	33·0	44·2	11·2
19	49·6	65·0	15·4	45·3	59·6	14·3	39·1	54·4	15·3	35·7	44·4	8·7	38·2	56·7	18·5	32·7	47·2	14·5
20	49·9	66·0	16·1	50·1	66·7	16·6	40·1	55·0	14·9	43·0	60·7	17·7	42·3	60·7	18·4	33·9	51·5	17·6
21	46·7	62·0	15·3	45·4	61·2	15·8	43·5	60·0	16·5	39·1	56·6	17·5	37·3	53·7	16·4	20·2	22·4	2·2
22	43·9	61·5	17·6	45·4	62·7	17·3	43·3	60·0	16·7	37·2	50·8	13·6	35·6	51·3	15·7	26·5	31·2	4.7
23	45·0	61·3	16·3	47·0	61·6	14·6	40·7	56·8	16·1	42·1	61·2	19·1	39·0	57·7	18·7	31·5	40·2	8·7
24	43·4	57·5	14·1	50·1	67·3	17·2	40·1	58·4	18·3	36·9	53·2	16·3	33·3	49·3	16·0	22·6	30·0	7·4
25	46·0	62·1	16·1	50·7	66·9	16·2	40·5	59·2	18·7	32·8	42·6	9·8	32·3	48·1	15·8	28·8	45·1	16·3
26	45·5	61·0	15·5	47·9	62·4	14·5	37·9	53·9	16·0	38·9	57·6	18·7	35·5	54·8	19·3	32·4	52·2	19·8
27	46·7	63·1	16·4	46·4	63·6	17·2	39·2	55·0	15·8	39·9	55·7	15·8	33·8	52·7	18·9	30·8	47·3	16·5
28	47·0	63·0	16·0	45·4	62·7	17·3	43·9	62·1	18·2	45·0	61·4	16·4	32·9	49·3	16·4	32·4	51·8	19·4
29	44·3	58·4	14·1	41·5	56·5	15·0	42·5	58·1	15·6	47·8	65·6	17·8	26·7	40·2	13·5	26·4	37·8	11·4
30	49·4	66·0	16·6	41·7	57·0	15·3	44·0	61·6	17·6	48·0	66·3	18·3	24·4	39·7	15.3	27·9	40·0	12·1
31	49·2	65·0	15·8	45·0	62·2	17·2	—	—	—	40·8	56·2	15·4	—	—	—	33·2	51·5	18·3
Mean	46·35	61·57	15·23	46·20	61·84	15·64	43·01	59·36	16·36	41·65	58·04	16·39	36·35	53·53	17·18	30·69	45·67	14·98

DURATION OF SUNSHINE.

1915.

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 51	10 13	5 30	10 45	9 27	11 31	10 36	12 28	12 00	13 20	12 10	13 57	12 42	14 03	12 43	13 36	10 22	12 48	9 12	11 54	8 40	11 00	8 39	10 20
2	8 30	10 14	0 12	10 46	9 40	11 33	9 45	12 30	12 15	13 21	12 42	13 57	12 52	14 02	11 47	13 34	10 55	12 46	9 46	11 51	9 09	10 58	4 15	10 20
3	8 35	10 15	0 05	10 48	9 37	11 36	10 20	12 33	8 22	13 23	12 47	13 58	13 18	14 02	11 51	13 34	11 07	12 45	9 50	11 50	9 07	10 57	9 10	10 19
4	9 15	10 15	8 50	10 50	9 48	11 38	2 26	12 34	12 00	13 24	12 18	13 58	12 45	14 02	11 56	13 32	10 54	12 43	9 50	11 48	7 10	10 55	9 06	10 18
5	9 28	10 15	9 22	10 52	9 02	11 39	0 00	12 36	12 07	13 25	12 52	13 59	12 22	14 01	11 05	13 30	10 48	12 40	9 32	11 47	9 26	10 53	8 57	10 17
6	9 00	10 16	9 00	10 53	9 33	11 41	5 40	12 37	11 33	13 27	12 40	14 00	12 20	14 01	11 48	13 29	11 03	12 39	9 40	11 45	9 09	10 52	8 43	10 17
7	2 40	10 17	4 43	10 54	9 33	11 42	10 27	12 39	11 45	13 29	12 44	14 01	12 56	14 01	11 55	13 28	10 09	12 38	9 30	11 42	8 52	10 51	8 56	10 16
8	6 00	10 18	9 23	10 56	8 34	11 44	9 42	12 41	12 17	13 29	11 30	14 01	12 36	13 59	12 30	13 27	9 56	12 36	9 17	11 41	9 13	10 49	6 22	10 16
9	4 42	10 18	5 47	10 57	9 10	11 46	10 13	12 43	12 30	13 31	12 40	14 02	13 08	13 59	12 15	13 25	10 12	12 33	9 36	11 39	9 00	10 48	9 02	10 15
10	9 15	10 19	4 22	10 59	9 30	11 47	9 07	12 45	12 46	13 33	12 50	14 02	13 00	13 58	11 52	13 23	9 47	12 32	9 35	11 38	9 00	10 46	8 10	10 15
11	9 22	10 20	9 20	11 01	10 00	11 50	11 05	12 46	12 35	13 34	12 33	14 02	12 42	13 57	11 50	13 2	10 30	12 30	9 05	11 36	7 55	10 44	9 10	10 14
12	9 15	10 21	9 21	11 03	8 38	11 52	10 40	12 48	12 34	13 35	12 42	14 03	13 00	13 57	12 00	13 20	10 35	12 29	9 27	11 34	8 51	10 43	8 48	10 13
13	9 26	10 22	9 55	11 03	7 35	11 54	7 24	12 50	11 53	13 36	12 52	14 03	12 20	13 55	12 22	13 19	10 35	12 26	8 35	11 33	9 15	10 42	9 10	10 14
14	9 18	10 23	2 16	11 05	9 35	11 55	0 40	12 51	10 21	13 38	11 42	14 04	12 20	13 55	12 04	13 17	10 34	12 25	9 02	11 31	9 20	10 41	9 11	10 13
15	8 05	10 24	8 18	11 07	4 25	11 57	4 00	12 54	11 27	13 39	12 10	14 04	12 52	13 55	12 00	13 15	9 50	12 23	9 10	11 28	9 20	10 39	6 48	10 12
16	7 21	10 25	9 10	11 09	8 08	12 00	9 51	12 55	11 32	13 40	10 55	14 04	12 40	13 54	12 00	13 14	10 33	12 22	9 44	11 27	9 20	10 37	3 46	10 13
17	9 25	10 26	9 08	11 11	6 13	12 01	9 10	12 57	9 30	13 42	11 52	14 05	12 55	13 52	10 37	13 12	10 24	12 19	9 23	11 25	8 43	10 36	7 35	10 12
18	9 22	10 27	7 38	11 12	7 30	12 03	9 20	12 59	8 10	13 43	12 33	14 04	13 06	13 52	11 19	13 11	10 30	12 17	9 20	11 23	8 38	10 35	6 03	10 11
19	9 22	10 28	5 56	11 14	10 00	12 04	9 25	13 00	12 42	13 44	12 49	14 04	13 03	13 50	11 38	13 09	9 45	12 16	6 02	11 22	9 27	10 33	6 30	10 12
20	9 25	10 30	8 13	11 16	9 05	12 06	11 28	13 02	12 41	13 45	11 55	14 04	12 54	13 50	11 54	13 08	9 50	12 15	9 36	11 20	9 32	10 33	9 02	10 11
21	0 32	10 31	9 45	11 18	8 50	12 09	11 37	13 04	10 05	13 46	12 15	14 05	12 40	13 49	11 20	13 06	9 55	12 12	8 45	11 18	9 12	10 32	2 18	10 12
22	0 10	10 31	9 41	11 19	1 35	12 10	8 49	13 05	12 58	13 47	12 56	14 05	12 04	13 48	11 40	13 04	9 40	12 10	7 15	11 17	8 48	10 30	3 17	10 11
23	0 02	10 32	9 35	11 21	9 27	12 12	10 05	13 07	12 10	13 49	13 00	14 04	12 30	13 46	11 56	13 03	9 40	12 09	9 14	11 15	9 18	10 29	3 26	10 12
24	7 35	10 34	9 51	11 23	9 46	12 15	6 40	13 08	11 32	13 49	12 54	14 04	11 15	13 45	12 00	13 01	9 06	12 06	9 15	11 13	7 25	10 28	4 43	10 11
25	6 53	10 35	9 53	11 25	7 48	12 16	3 00	13 10	11 45	13 50	12 52	14 04	11 42	13 44	12 00	13 00	9 36	12 04	9 28	11 12	8 43	10 26	7 33	10 12
26	8 17	10 37	9 26	11 26	4 38	12 18	2 38	13 12	11 43	13 51	12 28	14 05	12 38	13 43	11 15	12 58	9 45	12 03	9 33	11 10	8 48	10 26	9 00	10 11
27	1 49	10 38	9 47	11 28	6 55	12 19	3 28	13 13	11 35	13 52	12 52	14 04	12 23	13 42	11 15	12 57	9 40	12 01	9 13	11 08	9 20	10 25	8 35	10 12
28	8 47	10 40	9 24	11 30	2 30	12 21	7 16	13 15	10 20	13 54	12 55	14 04	11 08	13 41	11 45	12 55	9 44	12 00	9 30	11 06	9 25	10 24	7 42	10 13
29	7 52	10 41	—	—	7 07	12 24	11 58	13 17	11 30	13 54	12 04	14 04	11 03	13 39	11 20	12 52	9 38	11 57	9 36	11 04	6 35	10 23	7 42	10 12
30	6 00	10 43	—	—	10 42	12 25	12 14	13 18	12 51	13 55	12 10	14 03	12 37	13 39	10 57	12 51	9 40	11 56	9 36	11 03	7 10	10 21	9 00	10 13
31	9 05	10 43	—	—	10 30	12 26	—	—	12 15	13 55	—	—	12 58	13 37	11 21	12 49	—	—	9 17	11 02	—	—	8 35	10 14
Mean	7 11	10 26	7 38	11 07	8 13	11 59	7 58	12 54	11 37	13 39	12 27	14 02	12 33	13 52	11 45	13 14	10 09	12 22	9 13	11 27	8 48	10 39	7 24	10 14
Mean percentage	68·8		68·7		68·6		61·8		85·0		88·7		90·4		88·8		82·1		80·5		82·6		72·3	

RAINFALL.

(In millimetres.)

1915.

		8h 14h	14h 20h	20h 8h	Total*	Total for month
January	8	—	2·8	4·5	7·3	—
"	27	Drops	—	—	0·0	7·3
February	1	—	Drops	—	0·0	—
"	5	—	Drops	—	0·0	—
"	9	0·7	—	—	0·7	0·7
March	15	Drops	Drops	—	0·0	—
"	25	—	—	Drops	0·0	—
"	28	—	—	Drops	0·0	—
April	6	Drops	—	—	0·0	—
"	14	—	—	Drops	0·0	—
November	25	—	Drops	—	0.0	—
December	22	Drops	—	—	0·0	—
"	24	Drops	2·3	1·2	3·5	3·5
TOTAL		0·7	5·1	5·7	—	11·5

* From 8 h to 8 h. next day.

EVAPORATION (in millimetres).

(*See* page V.)

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

DAYS OF MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1915												
1	2·1	5·3	4·5	4·8	6·6	12·1	9·1	9·6	6·0	5·8	5·0	2·1
2	2·6	3·6	3·1	5·1	5·7	8·9	8·8	10·0	7·3	6·8	5·5	2·8
3	2·3	2·5	3·7	5·2	5·4	7·6	11·0	8·5	8·8	7·7	4·7	3·4
4	2·7	3·0	4·2	9·2	6·4	7·6	9·9	7·3	8·1	7·2	3·8	2·9
5	2·2	2·5	3·2	12·8	5·8	8·1	8·7	8·0	10·0	5·4	3·4	2·8
6	2·9	3·1	4·7	5·7	6·2	9·1	7·5	7·4	9·0	6·9	3·2	2·9
7	2·2	3·8	4·3	5·3	6·3	8·8	7·5	8·7	7·7	7·9	3·2	2·5
8	0·8	3·6	5·0	4·8	5·7	8·2	10·4	8·2	7·3	8·5	3·6	2·4
9	1·0	2·7	6·8	5·0	6·0	9·8	10·6	7·4	6·3	5·0	3·4	2·4
10	1·5	2·2	7·8	5·5	7·4	8·9	10·5	8·8	5·6	5·5	3·9	3·1
11	1·4	3·0	6·8	6·5	8·2	7·9	9·3	7·2	6·0	5·4	5·3	2·4
12	2·5	3·6	4·4	6·4	9·8	9·7	10·8	8·8	6·2	4·9	3·4	3·2
13	1·6	4·6	3·3	6·9	13·0	12·0	8·0	8·7	8·1	5·3	4·2	1·9
14	1·6	2·2	3·5	6·6	8·5	12·5	8·5	8·8	7·0	5·2	4·0	2·4
15	1·4	2·8	3·8	6·8	5·8	12·7	9·5	8·6	7·0	4·8	4·0	3·0
16	2·4	3·0	3·5	6·4	6·0	12·0	11·1	8·0	6·2	5·8	4·9	1·4
17	1·9	3·1	3·2	6·8	5·6	9·7	12·1	8·3	5·7	6·0	4·4	3·2
18	3·2	2·1	3·6	6·5	4·9	8·9	12·2	6·7	5·4	5·7	4·6	4·2
19	2·2	2·2	3·8	6·6	7·8	8·8	11·2	9·6	5·8	5·8	4·1	3·6
20	3·3	2·3	4·8	6·5	10·0	9·9	10·7	9·2	5·1	5·3	4·9	4·5
21	2·9	3·7	7·4	7·0	10·1	7·3	9·4	9·2	5·4	4·0	2·8	3·0
22	3·6	3·5	5·2	6·2	10·3	7·9	8·4	8·5	5·5	4·4	3·6	3·4
23	2·0	5·6	4·8	4·6	8·2	10·6	7·9	9·6	5·5	4·2	3·9	2·5
24	2·8	5·5	4·6	5·5	6·5	9·3	7·2	11·5	5·6	5·1	2·8	1·5
25	1·8	4·8	3·3	6·8	11·6	8·0	8·3	11·3	5·4	5·3	2·5	1·3
26	4·1	5·2	6·1	4·0	15·0	9·2	7·4	10·3	5·6	5·7	2·0	2·0
27	1·4	6·9	5·4	4·0	13·9	10·7	8·0	7·2	6·3	5·8	2·6	1·4
28	3·0	7·7	9·4	5·0	14·2	8·9	9·0	7·0	7·4	8·5	2·9	2·4
29	5·2	—	5·5	6·4	9·0	9·5	7·0	6·5	5·2	7·8	5·3	2·3
30	2·9	—	4·2	6·1	10·1	10·9	9·6	6·3	5·8	6·7	3·0	3·0
31	4·2	—	6·4	—	11·2	—	9·6	6·2	—	5·5	—	3·0
Sum	75·7	104·1	150·3	185·0	261·2	285·5	289·2	261·4	196·3	183·9	114·9	82·9
Mean	2·44	3·72	4·85	6·17	8·43	9·52	9·33	8·43	6·54	5·93	3·83	2·67

MISCELLANEOUS PHENOMENA.

January	6.	♊ p.
„	7.	♊ 9^h—17^h
„	8.	♊ p.
„	15.	♊ p.
„	23.	♁ 12^{45}
„	25.	♒ 7^h ♏ 19^h
„	26.	♏ 21^h
„	27.	♊ p.
„	31.	♁ 14^h
February	1.	♁ 11^h
„	12.	♒ ^{0} 7^{30}
March	22.	♁ 10^{30}
„	26.	♁ 11^h
„	28.	♊ ^{2} 9^h—18^h
April	5.	♊ ^{2} 8^{30}—17^h
„	21.	♊ 18^{30}
„	25.	♏ 19^{50}
May	11.	♊ 10^h
„	13.	♾ a. and p.
„	14.	♊ 17^h
„	25.	♏ 19^{60}
June	3.	♁ 11^{45}
„	7.	♊ 18^{50}
August	24.	♊/17^{40}
„	26.	♊ p.
October	22.	♏ 29^{45}—22^{10}
„	27.	♊ ^{2} 15^h—24^h
November	11.	♏ 18^{30}—18^{55}
„	17.	♏ 20^h
„	19.	♊ ^{2} 9^h—14^{45} ♏ 20^h
„	29.	♊ 10^{30}—16^{25}
December	6.	♒ 7^5—7^{45}
„	8.	♑ m
„	14.	♒ 7^h
„	16.	♒ ^{2} m—9^{20}
„	17.	♏ 20^h
„	18.	♏ 18^{25}—18^{45}
„	20.	♊ ^{2} 13^h—16^{25}

CLIMATOLOGICAL FACTORS.

TEMPERATURE.

1915

MONTHS	Mean Temperature for 24 h.	Mean for Three Hours 8 a.m.	2 p.m.	8 p.m.	Non Periodic Diurnal Range Mean Maxim.	Mean Minim.	Range	Hottest Day Mean Temperature.	Coldest Day Mean Temperature.	Range	Absolute Monthly Range Absol. Maxim.	Date	Absol. Minim.	Date	Range	Mean Diurnal Variability.
December 1914	14·8	12·3	18·7	15·3	20·0	10·1	9·9	19·9	11·9	8·0	28·3	27	5·8	26	22·5	1·2
January 1915	14·4	11·2	19·1	15·2	20·2	9·1	11·1	21·1	10·3	10·8	28·6	29	5·1	16	23·5	1·5
February ,,	15·6	12·4	20·2	16·0	21·7	9·7	12·0	21·5	10·4	11·1	28·9	27	4·4	4	24·5	1·9
March ,,	18·0	15·1	23·0	18·6	24·6	11·8	12·8	26 6	13·3	13·3	34·0	11	6·4	1	27·6	2·2
April ,,	20·5	17·6	25·9	21·7	27·4	14.0	13·4	30·4	17·0	13·4	37·6	13	10·4	9	27·2	2·4
May ,,	24·2	21·8	30·2	25·1	31·7	17·3	14·4	35·5	19·6	15·9	43·4	28	12·5	3, 9	30·9	2·0
June ,,	28·5	25·4	34·2	29·9	35·7	21·5	14·2	37·3	26·0	11·3	46·3	16	19·0	27	27·3	1·7
July ,,	28·5	25·2	34·4	30·4	35·9	21·4	14·5	31·2	26·2	5·0	39·5	4	19·5	3	20·0	0·8
August ,,	28·0	24·5	34·1	29·7	35·4	21·7	13·7	30·7	25·6	5·1	39·5	25	19·8	8	19·7	0·8
September ,,	25·0	22·4	30·6	25·7	31·9	19·4	12·5	30·1	21·4	8·7	39·7	6	16·4	25	23·3	1·0
October ,,	24·1	21·4	30·3	24·3	31·2	18·2	13·0	29·0	20·3	8·7	37·9	9	14·9	27	23·0	1·2
November ,,	19·7	17·4	24·8	19·6	23·6	15·2	8·4	24·0	11·6	12·4	32·2	11	8·3	30	23·9	0·9
December ,,	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
Civil year	21·9	18·9	27·3	22·7	28·4	15·9	12·5	37·3	10·3	27·0	46·3	June 16th	4·4	Feb. 4th	41·9	1·5
Meteor. year	21·8	18·9	27·1	22·6	28·3	15·8	12·5	June 15th	Jan. 15th	—	—	—	—	—	—	1·5

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

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

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

MONTHS	Vapour Pressure Mean mm.	Relative Humidity 8 a.m.	2 p.m.	8 p.m.	Mean*	Rain Amount mm.	N° of rainy days	Cloudiness 0—10	Duration of Sunshine Total Hours	Percentage of Possible	Evaporation mm.	Mean Wind Velocity Kilometres per hour.	Mean Wind Direction degrees E of N	Standard Pressure Mean mm. 700 +
December 1914	7·8	73	51	61	64	9·9	4	3·9	194·4	61·3	66	12·4	30	54·4
January 1915	6·2	61	40	50	53	7·3	2	3·1	222·6	68·8	76	13·4	129	52·8
February ,,	5·6	56	31	42	45	0·7	3	2·3	213·8	68·7	104	15·7	28	52·7
March ,,	6·6	58	28	43	47	Drops	0	2·3	254·8	68·6	150	17·0	8	51·6
April ,,	7·9	61	26	40	49	Drops	0	3·9	239·1	61·8	185	19·1	5	49·9
May ,,	8·2	52	20	35	43	0·0	0	1·3	359·9	85·0	261	20·7	21	49·5
June ,,	11·1	57	22	34	43	0·0	0	0·6	373·7	88·7	286	18·8	355	47·8
July ,,	12·2	62	22	35	47	0·0	0	0·4	386·8	90·4	289	18·5	357	46·6
August ,,	13·7	70	26	42	53	0·0	0	0·6	364·2	88·8	261	18·9	352	46·8
September ,,	12·6	68	32	51	57	0·0	0	0·3	304·7	82·1	1[illegible]6	20·0	4	49·5
October ,,	11·5	69	29	53	56	0·0	0	1·0	285·9	80·5	184	18·1	17	50·9
November ,,	9·7	69	38	58	58	Drops	0	1·7	263·8	82·6	115	18·0	30	52·6
December ,,	8·5	79	43	64	64	3·5	2	3·3	229·2	72·3	83	16·2	32	55·1
Civil year	9·5	64	30	46	51	11·5	7	1·7	3500·5	78·2	2190	17·9	22	50·5
Meteor. year.	9·4	63	30	45	51	17·9	9	1·0	3465·7	77·3	2173	17·6	21	50·4

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

NOTES.—Minimum vapour pressure ... ... 0·5 mm. March 11, at 1h.
Maximum ,, ,, ... 20·1 mm. August 6, at 1h and 2h.
Minimum relative humidity ... ... 2% March 11, at 1h. and April 5, at 9h.
Of the rainfall ... ... 7·3 mm. fell on January 8.
Maximum evaporation ... ... 15·0 mm. May 26.
Minimum standard pressure ... ... 738·6 mm. April 5, at 18h.
Maximum ,, ,, ... 760·2 mm. February 11, 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
1915																											° ′
January	−0·5	−0·4	−0·2	0·0	+0·2	+0·3	+0·3	+0·2	−0·5	−1·1	0·0	+1·4	+1·7	+0·9	+0·1	0·0	−0·2	+0·3	+0·3	−0·1	−0·3	−0·5	−0·5	−0·5	−0·5	31	2 5·3
February	−0·7	−0·4	−0·3	−0·2	−0·2	−0·3	−0·4	−0·7	−0·8	−0·3	+0·6	+1·8	+2·3	+1·9	+1·1	+0·1	−0·3	−0·1	+0·3	−0·3	−0·4	−0·5	−0·5	−0·7	−0·7	28	2 6·3
March	−0·7	−0·5	−0·4	−0·3	−0·3	−0·4	−0·4	−1·3	−2·4	−2·4	−1·4	+0·4	+2·3	+3·4	+3·3	+2·1	+0·7	+0·2	+0·5	+0·1	−0·2	−0·4	−0·4	−0·6	−0·7	31	2 6·1
April	−0·7	−0·7	−0·7	−0·6	−0·6	−0·5	−0·6	−1·8	−2·9	−3·0	−1·5	+0·7	+2·4	+3·0	+3·1	+2·5	+1·5	+0·7	+0·5	+0·3	−0·2	−0·4	−0·6	−0·5	−0·7	28	2 5·3
May	−0·3	−0·4	−0·4	−0·5	−0·5	−0·8	−2·2	−3·1	−3·0	−2·1	−0·2	+1·5	+2·6	+3·0	+3·0	+2·3	+1·4	+0·6	+0·1	+0·4	+0·1	−0·2	−0·3	−0·4	−0·4	31	2 4·6
June	−0·3	−0·5	−0·5	−0·5	−0·5	−0·9	−2·4	−3·4	−3·5	−2·8	−1·1	+0·7	+2·2	+3·0	+3·2	+2·9	+2·0	+1·2	+0·6	+0·4	+0·2	+0·1	−0·2	−0·1	−0·3	27	2 4·0
July	−0·2	−0·4	−0·5	−0·6	−0·7	−1·0	−3·0	−3·9	−4·1	−2·9	−0·8	+1·4	+2·0	+3·5	+3·5	+2·9	+1·8	+0·8	+0·5	+0·4	+0·3	+0·1	0·0	−0·1	−0·2	31	2 2·5
August	−0·4	−0·7	−0·7	−0·7	−0·6	−1·2	−2·3	−3·7	−4·0	−2·6	0·0	+2·1	+3·3	+3·7	+3·3	+2·3	+1·3	+0·4	+0·3	+0·4	+0·2	−0·3	−0·4	−0·3	−0·4	30	2 1·9
September	−0·5	−0·6	−0·5	−0·6	−0·6	−0·8	−1·6	−3·0	−3·9	−2·3	+0·1	+2·3	+3·5	+3·6	+2·9	+1·7	+0·7	+0·3	+0·5	+0·3	0·0	−0·4	−0·5	−0·6	−0·5	28	2 1·7
October	−1·1	−0·9	−0·7	−0·4	−0·2	−0·1	−0·2	−1·2	−2·1	−1·6	−0·7	+1·0	+2·5	+2·8	+2·1	+1·2	+0·6	+0·8	+0·8	+0·1	−0·4	−0·6	−0·7	−0·8	−0·8	26	2 1·2
November	−0·9	−0·7	−0·4	−0·2	−0·1	+0·1	−0·2	−0·7	−1·1	−1·0	+0·2	+1·5	+1·7	+1·5	+0·9	+0·6	+0·4	+0·5	+0·2	−0·1	−0·4	−0·8	−1·1	−1·1	−0·8	26	1 59·1
December	−0·6	−0·6	−0·4	−0·2	0·0	0·0	−0·1	−0·3	−0·9	−0·9	+0·1	+1·4	+1·7	+1·3	+0·7	+0·1	+0·1	+0·2	+0·1	−0·1	−0·5	−0·7	−0·7	−0·6	−0·6	30	1 57·5
Mean	−0·6	−0·6	−0·5	−0·4	−0·4	−0·5	−1·2	−2·0	−2·4	−2·0	−0·4	+1·3	+2·4	+2·6	+2·2	+1·5	+0·8	+0·4	+0·4	+0·1	−0·2	−0·4	−0·5	−0·6	−0·6	29	2 3·0

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
1915																											γ
January	−3	−4	−4	−3	−1	0	+4	+7	+9	+6	+1	+8	+13	+11	+4	−2	−7	−8	−8	−8	−7	−6	−6	−4	−4	31	30017
February	−5	−4	−2	−2	−1	−1	−1	0	−1	−1	+3	+10	+15	+17	+13	+7	0	−5	−9	−9	−10	−10	−9	−6	−5	28	30006
March	−2	−5	−3	−3	−4	−4	−2	−5	−8	−4	+6	+15	+19	+20	+17	+8	0	−6	−9	−9	−11	−7	−8	−5	−1	31	30023
April	−9	−7	−6	−5	−6	−7	−6	−6	−6	0	+10	+19	+28	+31	+26	+16	+4	−7	−11	−11	−12	−9	−8	−7	−8	25	30038
May	−6	−3	−5	−5	−5	−4	−6	−11	−13	−7	+7	+19	+29	+31	+25	+14	+1	−10	−12	−11	−9	−9	−8	−5	−6	31	30042
June	−3	−3	−3	−1	−1	−2	−2	−6	−11	−7	+1	+11	+21	+21	+18	+10	+1	−9	−10	−9	−5	−3	−1	−1	−2	27	30022
July	−2	−2	−1	−1	−2	−2	−2	−5	−13	−16	−7	+4	+18	+24	+24	+15	+6	−4	−9	−8	−4	−3	−2	−1	−2	31	30006
August...	−2	−3	−2	−1	−2	−3	−3	−10	−16	−16	−8	+6	+16	+23	+22	+17	+7	−4	−8	−9	−6	−6	−2	−2	−3	31	30005
September	+2	+1	+1	+1	+1	0	+2	−8	−18	−19	−11	+1	+13	+21	+21	+15	+7	−3	−8	−8	−5	−5	−3	0	+3	28	29999
October	−4	−4	−3	−1	−2	−1	−1	−4	−9	−7	+4	+16	+21	+22	+15	+5	−5	−9	−11	−11	−7	−7	−5	−3	−3	28	29995
November	−1	0	0	0	−1	+1	+4	+3	+1	−2	+1	+7	+12	+10	+3	−3	−7	−6	−6	−3	−4	−6	−2	0	+2	28	29988
December	−3	−1	−2	−2	−1	0	+2	+5	+4	0	−2	+3	+8	+8	+5	+1	−1	−4	−3	−1	−4	−3	−3	−1	0	30	29995
Mean	−4	−3	−3	−2	−2	−2	−1	−4	−7	−6	0	+10	+17	+20	+16	+8	0	−7	−9	−8	−7	−7	−5	−3	−3	29	30012

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	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
	Hours of observation.																										γ
1915																											
January	+2	0	0	0	0	+1	0	−1	+2	−2	−8	−10	−4	0	+2	+2	+2	+1	+4	+3	+3	+3	+3	+2	+2	31	25994
February	+2	+2	+2	+2	+2	+2	+2	+2	0	−5	−9	−13	−11	−7	0	+3	+3	+1	+3	+3	+3	+3	+3	+2	+2	27	25090
March	+2	+5	+5	+5	+5	+5	+5	+8	+5	−5	−14	−21	−21	−14	−5	+3	+5	+4	+2	+4	+5	+3	+4	+4	+3	31	25998
April	+4	+3	+3	+3	+3	+3	+5	+7	+4	−4	−16	−18	−16	−9	−3	+1	+5	+5	+4	+3	+4	+3	+3	+3	+4	28	26003
May	+3	+4	+5	+4	+4	+5	+7	+5	−1	−10	−16	−20	−16	−10	−3	+3	+6	+5	+3	+1	+2	+3	+3	+3	+3	31	26018
June	+4	+5	+5	+4	+4	+7	+8	+5	+2	−6	−14	−18	−17	−12	−6	0	+4	+6	+4	+2	+2	+3	+3	+3	+3	27	26015
July	+4	+4	+4	+4	+4	+6	+9	+6	+3	−5	−16	−20	−19	−13	−6	+1	+6	+7	+5	+2	+2	+3	+3	+3	+3	31	26000
August	+5	+5	+4	+5	+5	+6	+9	+9	+2	−8	−18	−20	−17	−13	−6	+1	+6	+7	+5	+3	+3	+4	+3	+4	+5	31	26003
September	+2	+2	+2	+3	+2	+3	+5	+8	+3	−8	−17	−18	−14	−8	−3	+2	+3	+4	+2	+3	+3	+3	+3	+3	+3	28	26011
October	+4	+3	+4	+3	+4	+3	+4	+7	+3	−7	−15	−20	−17	−9	−1	+3	+4	+3	+5	+5	+3	+5	+5	+4	+4	28	26029
November	+4	+2	+2	+2	+3	+3	+3	+4	+1	−5	−13	−17	−13	−7	−1	+2	+3	+3	+4	+4	+4	+4	+3	+3	+4	28	26030
December	+4	0	0	+1	+1	+1	+1	+1	+1	−4	−10	−12	−10	−5	−1	+2	+2	+2	+3	+3	+3	+3	+3	+3	+2	30	26016
Mean	+3	+3	+3	+3	+3	+4	+5	+5	+2	−6	−14	−17	−15	−9	−3	+2	+4	+4	+4	+3	+3	+3	+3	+3	+3	29	26009

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

INCLINATION.

(The unit is one minute of arc).

Month	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
	Hours of observation.																									
1915																										
January	+0·3	+0·2	+0·2	+0·2	+0·1	+0·1	−0·3	−0·4	−0·4	−0·4	−0·6	−1·1	−1·0	−0·6	−0·1	+0·3	+0·5	+0·5	+0·7	+0·6	+0·6	+0·5	+0·5	+0·4	+0·4	40° 53′·5
February	+0·4	+0·3	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	−0·3	−0·8	−1·4	−1·6	−1·4	−0·8	−0·2	+0·2	+0·3	+0·7	+0·7	+0·8	+0·8	+0·7	+0·5	+0·4	53·9
March	+0·2	+0·6	+0·5	+0·5	+0·6	+0·6	+0·4	+0·8	+0·8	−0·1	−1·2	−2·2	−2·4	−2·0	−1·2	−0·2	+0·4	+0·6	+0·7	+0·8	+0·9	+0·6	+0·7	+0·6	+0·3	53·4
April	+0·8	+0·6	+0·5	+0·5	+0·5	+0·6	+0·7	+0·8	+0·6	−0·2	−1·6	−2·3	−2·6	−2·4	−1·7	−0·8	+0·1	+0·7	+0·9	+0·8	+0·9	+0·7	+0·6	+0·6	+0·7	52·9
May	+0·6	+0·5	+0·7	+0·6	+0·6	+0·6	+0·9	+1·0	+0·8	−0·2	−1·5	−2·3	−2·6	−2·3	−1·6	−0·5	+0·4	+1·0	+0·9	+0·8	+0·7	+0·8	+0·7	+0·5	+0·6	53·6
June	+0·4	+0·5	+0·5	+0·3	+0·3	+0·6	+0·6	+0·7	+0·8	0·0	−1·0	−1·8	−2·3	−2·0	−1·4	−0·6	+0·2	+0·9	+0·8	+0·6	+0·4	+0·3	+0·2	+0·2	+0·3	54·6
July	+0·4	+0·4	+0·3	+0·3	+0·4	+0·5	+0·7	+0·7	+0·9	+0·6	−0·6	−1·5	−2·2	−2·2	−1·8	−0·8	+0·1	+0·7	+0·9	+0·6	+0·4	+0·4	+0·3	+0·3	+0·3	54·5
August	+0·4	+0·4	+0·3	+0·3	+0·3	+0·5	+0·7	+1·1	+0·9	+0·3	−0·8	−1·7	−2·1	−2·2	−1·8	−1·0	−0·1	+0·6	+0·7	+0·6	+0·4	+0·5	+0·2	+0·3	+0·4	54·7
September	0·0	+0·1	+0·1	+0·2	+0·1	+0·2	+0·2	+1·0	+1·2	+0·6	−0·5	−1·2	−1·6	−1·7	−1·3	−0·7	−0·2	+0·5	+0·6	+0·7	+0·5	+0·5	+0·4	+0·2	+0·1	55·6
October	+0·4	+0·4	+0·3	+0·2	+0·3	+0·2	+0·3	+0·6	+0·7	−0·1	−1·3	−2·3	−2·4	−1·9	−1·0	−0·1	+0·5	+0·7	+0·9	+0·9	+0·5	+0·7	+0·5	+0·3	+0·3	57·1
November	+0·3	+0·1	+0·1	+0·1	+0·3	+0·1	−0·1	+0·1	0·0	−0·2	−0·9	−1·5	−1·5	−1·0	−0·2	+0·3	+0·6	+0·5	+0·6	+0·5	+0·5	+0·6	+0·3	+0·2	+0·1	57·5
December	+0·5	+0·2	+0·2	+0·3	+0·2	+0·2	0·0	−0·1	−0·1	−0·2	−0·5	−0·9	−1·0	−0·7	−0·3	+0·2	+0·3	+0·4	+0·4	+0·4	+0·5	+0·4	+0·4	+0·4	+0·2	56·1
Mean	+0·4	+0·3	+0·3	+0·3	+0·3	+0·4	+0·3	+0·5	+0·5	0·0	−1·0	−1·7	−2·0	−1·7	−1·1	−0·4	+0·2	+0·6	+0·7	+0·6	+0·6	+0·6	+0·4	+0·4	+0·3	54·8

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.	
1915																										γ
January	−3	−4	−4	−3	−1	0	+4	+7	+9	+6	+1	+7	+13	+11	+4	−2	−7	−8	−8	−8	−7	−6	−6	−4	−4	29997
February	−4	−3	−1	−1	0	0	0	+1	0	0	+3	+10	+16	+17	+14	+8	+1	−4	−8	−8	−9	−9	−8	−5	−4	29985
March	−1	−4	−2	−2	−3	−3	−1	−4	−6	−2	+7	+16	+19	+19	+17	+8	0	−5	−8	−8	−9	−6	−7	−4	0	30002
April	−9	−7	−6	−5	−6	−7	−6	−6	−6	+1	+11	+19	+28	+30	+25	+15	+3	−7	−11	−11	−12	−9	−8	−7	−8	30018
May	−6	−2	−4	−4	−4	−3	−6	−10	−12	−6	+8	+19	+28	+30	+24	+13	+1	−15	−12	−11	−9	−8	−8	−4	−6	30022
June	−3	−3	−3	−1	−1	−2	−2	−6	−11	−7	0	+10	+20	+19	+16	+8	0	−10	−11	−9	−5	−3	−1	−1	−2	30003
July	−2	−2	−1	−1	−2	−2	−1	−4	−12	−15	−6	+4	+17	+23	+23	+14	+5	−4	−9	−8	−4	−4	−2	−2	−2	29987
August	−1	−2	−1	0	−1	−2	−1	−8	−14	−14	−7	+6	+16	+23	+22	+17	+8	−3	−7	−7	−5	−5	−1	−1	−2	29988
September	+3	+1	+1	+1	+1	+1	+3	−7	−17	−18	−10	+1	+12	+20	+20	+14	+7	−3	−8	−8	−5	−5	−3	+1	+3	29980
October	−4	−4	−2	−1	−2	−1	−1	−3	−8	−6	+5	+16	+20	+22	+15	+5	−4	−9	−11	−11	−6	−6	−4	−2	−2	29976
November	−1	0	0	0	−1	+1	+4	+3	+1	−2	+1	+6	+11	+9	+3	−3	−7	−6	−6	−3	−4	−6	−2	0	+2	29970
December	−3	−2	−2	−2	−2	0	+2	+5	+4	0	−2	+2	+7	+7	+4	+1	−2	−4	−3	−2	−4	−3	−3	−2	0	29978
Mean	−3	−2	−2	−1	−2	−1	0	−2	−6	−5	+1	+10	+17	+19	+16	+8	+1	−6	−8	−8	−6	−6	−4	−2	−2	29992

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.	
1915																										γ
January	−5	−4	−2	0	+2	+2	+3	+2	−4	−10	0	+12	+15	+8	+1	0	−2	+2	+2	−1	−3	−5	−5	−5	−5	1094
February	−6	−4	−3	−2	−2	−3	−3	−6	−7	−3	+5	+16	+21	+17	+10	+1	−2	−1	+2	−3	−4	−5	−5	−6	−6	1102
March	−6	−5	−4	−3	−3	−4	−4	−11	−21	−21	−12	+4	+21	+30	+29	+19	+6	+2	+4	+1	−2	−4	−4	−5	−6	1101
April	−6	−6	−6	−5	−5	−4	−7	−15	−25	−26	−12	+7	+23	+28	+29	+23	+14	+6	+5	+3	−2	−3	−5	−4	−6	1094
May	−3	−4	−4	−5	−5	−8	−20	−28	−27	−19	−2	+13	+23	+27	+27	+20	+12	+4	+3	+3	0	−2	−3	−4	−4	1089
June	−3	−5	−5	−5	−5	−8	−21	−30	−31	−25	−10	+6	+20	+27	+28	+25	+17	+10	+5	+3	+1	0	−2	−1	−3	1083
July	−2	−4	−4	−5	−6	−9	−26	−34	−36	−29	−7	+12	+26	+31	+31	+26	+16	+7	+4	+3	+2	+1	0	−1	−2	1069
August	−3	−5	−5	−5	−7	−10	−19	−32	−35	−22	+1	+19	+30	+34	+30	+22	+12	+4	+3	+4	+2	−2	−3	−2	−3	1063
September	−5	−5	−5	−5	−5	−7	−14	−27	−32	−21	0	+20	+31	+32	+26	+15	+6	+2	+4	+2	0	−4	−5	−5	−4	1062
October	−9	−8	−6	−3	−2	−1	−2	−10	−18	−17	−6	+10	+23	+25	+19	+11	+5	+7	+7	+1	−3	−5	−6	−7	−7	1057
November	−7	−5	−3	−1	0	+2	−1	−5	−9	−8	+2	+14	+16	+14	+9	+6	+4	+5	+2	0	−3	−6	−9	−9	−6	1038
December	−5	−5	−4	−2	0	0	−1	−2	−8	−8	+1	+12	+15	+12	+6	+1	+1	+2	+1	−1	−4	−6	−6	−5	−5	1025
Mean	−5	−5	−4	−3	−3	−4	−9	−16	−21	−17	−3	+12	+22	+24	+21	+14	+7	+4	+4	+1	−1	−3	−4	−4	−5	1073

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

TERRESTRIAL MAGNETISM.

DECLINATION (Westerly).

Daily Means.

1° +

1915.

(The unit is one minute of arc).

DAYS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	′	′	′	′	′	′	′	′	′	′	′	′
1	65·2	66·8	66·1	65·9	64·6	64·2	62·7	62·2	61·9	61·5	59·4*	57·7
2	65·6	66·9	66·6	66·0	63·9	64·3	62·9	62·0	61·9	61·9	59·1	57·9
3	65·4	66·8	66·6	65·8	65·0	64·6	62·2	61·8	62·1	61·9	59·4	57·5
4	65·5	67·0	66·6	65·3	64·7	64·4	62·7	62·2	62·4	61·7	59·5	57·7
5	65·4	66·7	66·8	65·6	64·9	64·6	62·8	61·4	62·5	62·0	59·4	57·6
6	65·2	66·9	66·8	65·9	64·6	64·6	62·6	62·3	61·7	62·0	58·7*	56·9*
7	65·4	67·0	66·5	65·5*	64·6	64·6	62·7	—	62·2	62·0	58·8	57·0
8	65·2	66·5	65·6	65·7*	65·0	64·9	62·6	61·9	62·5	61·8	58·7	57·2
9	65·3	66·0	66·2	65·5	65·1	64·8	62·0	62·0	62·1	—	58·9	57·1
10	65·4	66·3	66·0	65·2	64·8	64·6	62·4	62·3	61·7	—	59·3	57·6
11	65.5	66·4	66·2	65·2	64·7	64·9	62·1	61·8	62·0	61·2	59·0	57·4
12	65·6	66·3	66·2	65·6	65·1	64·2	62·2	62·0	61·8	61·7	59·1	57·2
13	65·0	66·3	66·4	65·4	65·0	63·7	62·7	62·2	62·0	61·5	59·3	57·8
14	65·0	66·3	66·6	65·7	64·6	63·9	62·6	62·0	62·0	61·1*	59·2	57·5
15	65·0	66·6	66·3	65·6	65·0	64·5	62·2	62·4	61·9	59·8*	59·4	57·5
16	65·0	66·8	66·6	65·0	64·8	64·4	63·2	62·2	61·8	60·8	58·5	57·4
17	65·4	66·5	66·0	65·0	64·5	63·3*	62·5	62·3	61·3	60·9	59·0	57·5
18	65·5	66·5	66·5	65·5	64·5	62·8*	62·5	62·0	61·2	61·3	—	57·7
19	65·3	66·2	65·6	65·0	65·0	63·0	62·8	62·0	61·2	60·7	—	57·8
20	65·3	66·1	66·4	64·2	64·5	63·1	62·4	62·1	61·9	61·5	59·1	57·6
21	65·6	66·1	65·7	64·9	64·5	62·9	62·1	61·7	61·8	61·2	58·7	57·7
22	65·9	65·8	65·2	64·8	64·3	63·0	62·7	61·8	61·1*	60·4	59·0	57·7
23	65·6	65·7	66·0	65·1	64·7	63·5	62·4	61·9	61·0*	60·7*	58·7	57·3
24	65·5	65·6	65·8	65·2	64·4	63·5	62·2	62·1	61·3	60·6	59·1	57·5
25	65·8	65·8	65·6	65·0	64·7	63·5	62·7	61·7	61·3	59·5	59·2	57·5
26	65·2	66·2	65·8	64·6	64·4	—	62·4	61·0	60·9	60·9	59·1	57·4
27	65·4	65·7	65·9	64·9	64·5	62·8	62·0	61·2	61·2	61·0	59·2	57·2
28	65·0	66·0	66·1	65·3	64·3	63·9	62·4	61·6	60·9	60·5	59·1	56·9
29	65·1	—	65·6	65·3	64·5	63·6	62·9	61·4	60·9	61·0	58·8	57·2
30	65·0	—	66·3	65·3	64·3	63·6	62·5	61·4	61·1	60·9	59·0	57·4
31	65·2	—	65·4	—	64·2	—	62·4	61·2	—	60·8	—	57·4
Mean	65·3	66·3	66·1	65·3	64·6	63·9	62·5	61·9	61·7	61·1	59·1	57·4

* These days are disturbed.

TERRESTRIAL MAGNETISM.

HORIZONTAL INTENSITY.

Daily Means.

29900 γ +

1915.

(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	116	118	136	148	138	109	106	108	83	62*	106
2	113	113	115	134	132	140	99	93	111	98	72	112
3	118	109	123	132	138	143	95	102	113	103	90	104
4	122	119	130	135	140	143	101	105	112	103	98	103
5	112	105	123	144	140	146	113	106	110	110	100	108
6	111	108	133	147	141	146	113	111	113	111	39*	64*
7	109	117	122	154*	148	148	104	96	111	113	59	63
8	113	95	90	141*	151	147	110	105	114	107	76	72
9	115	82	102	132	151	139	104	111	118	112	81	86
10	119	90	107	139	148	143	100	117	109	116	91	99
11	122	106	117	148	145	142	100	108	107	94	82	86
12	128	115	125	147	139	131	91	106	108	104	93	85
13	118	112	128	145	152	114	103	115	100	108	100	94
14	110	112	128	148	148	122	96	122	99	93*	102	87
15	111	112	139	145	145	134	110	119	104	34*	106	80
16	119	119	139	127	144	126	107	127	101	74	56	78
17	126	112	126	136	134	21*	109	123	79	87	63	86
18	124	110	137	143	141	59*	113	116	89	99	73	96
19	122	99	118	130	140	74	111	122	99	89	76	99
20	130	92	124	118	136	83	109	116	103	78	85	98
21	132	99	114	133	142	96	120	117	107	91	87	105
22	130	104	107	135	142	94	121	115	84*	79	87	110
23	125	89	114	132	141	101	111	112	68*	58*	89	99
24	115	96	117	139	145	107	112	110	78	68	94	102
25	110	98	121	—	138	111	121	114	82	48	99	102
26	107	104	126	—	138	—	107	80	85	78	106	96
27	110	111	131	—	129	105	95	87	82	91	104	94
28	115	114	131	141	136	113	94	96	80	90	96	98
29	113	—	133	146	146	102	109	90	76	93	97	106
30	110	—	130	149	139	111	100	91	71	114	102	102
31	110	—	129	—	139	—	106	92	—	107	—	101
Mean	117	106	123	139	142	116	106	108	97	91	86	94

* These days are disturbed.

TERRESTRIAL MAGNETISM.

VERTICAL INTENSITY.

DAILY MEANS.

25900 γ +

1915.

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

DAYS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	79	95	94	105	110	118	99	98	102	133	140*	122
2	79	91	92	106	112	116	101	103	105	131	137	118
3	78	91	90	106	113	114	102	100	102	129	134	121
4	71	87	88	104	111	116	101	100	103	128	134	122
5	66	87	88	91	110	115	97	100	103	128	129	122
6	67	82	91	97	109	114	98	98	102	128	135*	132*
7	68	81	92	95*	111	111	101	100	99	125	135	135
8	69	82	94	100*	110	115	99	100	100	127	133	130
9	71	85	97	100	110	117	100	100	104	125	132	128
10	84	90	93	96	109	116	105	98	104	124	130	126
11	99	84	93	97	113	118	99	105	105	127	131	128
12	100	84	96	96	114	122	98	104	106	124	131	128
13	103	87	94	94	113	121	97	101	108	123	131	127
14	104	—	93	94	118	122	101	103	107	126*	131	123
15	107	89	93	95	120	116	98	106	110	132*	130	123
16	102	90	93	95	118	114	102	107	108	125	138	122
17	104	90	95	91	120	132*	100	108	114	126	135*	120
18	105	90	97	89	121	127*	99	108	111	126	132	116
19	104	91	98	93	122	124	100	104	111	126	133	116
20	107	97	102	99	126	122	100	103	111	132	129	114
21	105	96	104	114	122	121	102	104	113	129	127	109
22	106	94	105	113	121	119	99	102	117*	131	130	109
23	107	92	106	112	122	110	98	105	121*	137*	129	106
24	105	96	105	113	121	109	97	106	122	135	125	106
25	106	91	107	114	125	109	94	106	122	138	126	105
26	105	92	104	119	124	105	103	108	122	135	124	103
27	109	97	106	117	126	—	102	105	122	132	124	102
28	110	93	107	113	122	107	99	104	126	131	127	99
29	104	—	106	110	122	109	101	103	125	133	122	98
30	97	—	108	110	123	106	105	104	132	129	120	96
31	101	—	106	—	123	—	100	103	—	132	—	95
Mean	94	90	98	103	118	116	100	103	111	129	130	116

* These days are disturbed.

MEAN MONTHLY VALUES OF THE MAGNETIC ELEMENTS.

1915.	Declination W.	Dip.	Horizontal intensity, C. G. S. units.	Vertical intensity, C. G. S. units.	Northerly components, C. G. S. units.	Westerly components, C. G. S. units.	Total intensity, C.G.S. units.
January	2° 5'·3	40° 53'·5	0· 30017	0· 25994	0· 29997	0· 01094	0· 39708
February	2 6·3	40 53·9	0· 30006	0· 25990	0· 29985	0· 01102	0· 39697
March	2 6·1	40 53·4	0· 30023	0· 25998	0· 30002	0· 01101	0· 39715
April	2 5·3	40 52·9	0· 30038	0· 26003	0· 30018	0· 01094	0· 39729
May	2 4·6	40 53·6	0· 30042	0· 26018	0· 30022	0· 01089	0· 39742
June	2 4·0	40 54·6	0· 30022	0· 26015	0· 30003	0· 01083	0· 39726
July	2 2·5	40 54·5	0· 30006	0· 26000	0· 29987	0· 01060	0· 39704
August	2 1·9	40 54·7	0· 30008	0· 26003	0· 29988	0· 01063	0· 39708
September	2 1·7	40 55·6	0· 29999	0· 26011	0· 29980	0· 01062	0· 39705
October	2 1·2	40 57·1	0· 29995	0· 26029	0· 29976	0· 01057	0· 39715
November	1 59·1	40 57·5	0· 29988	0· 26030	0· 29970	0· 01038	0· 39710
December	1 57·5	40 56·1	0· 29995	0· 26016	0· 29978	0· 01025	0· 39705
MEAN...	2° 3'·0	40° 54'·8	0· 30012	0· 26009	0· 29992	0· 01073	0· 39714

TERRESTRIAL MAGNETISM.

Description of Principal Magnetic Disturbances during 1915.

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.
April 7 and 8.		
Sudden increase of 73 γ at 21 h. 52 m. on April 7. Maximum 0·30115 at 21 h. 52 m. on April 7. Minimum 0·30004 at 15 h. 5 m. on April 8. Range 111 γ.	Sudden decrease of 26 γ at 21 h. 52 m. on April 7. Maximum 0·26014 at 15 h. 37 m. on April 8. Minimum 0·25977 at 11 h. 50 m. on April 8. Range 37 γ.	Sudden decrease of 2′ at 21 h. 52 m. on April 7. Maximum 2° 9′·5 at 13 h. 44 m. on April 8. Maximum 2° 1′ at 8 h. 41 m. on April 8. Range 8′·5.
June 17 and 18.		
Maximum 0·30058 at 4 h. 23 m. on June 17. Minimum 0·29764 at 13 h. 54 m. on June 17. Range 294 γ.	Maximum 0·26074 at 18 h. 3 m. on June 17. Minimum 0·25980 at 10 h. 0 m. on June 17. Range 94 γ.	Maximum 2° 13′·5 at 13 h. 36 m. on June 17 Minimum 1° 47′·5 at 19 h. 36 m. on June 17 Range 26′.
September 22 and 23.		
Maximum 0·30027 at 20 h. 36 m. on Sept. 23. Minimum 0·29908 at 17 h. 55 m. on Sept. 22. Range 119 γ.	Maximum 0·26037 at 17 h. 54 m. on Sept. 22. Minimum 0·25997 at 9 h. 52 m. on Sept. 22. Range 40 γ.	Maximum 2° 5′ at 11 h. 9 m. on Sept. 23. Minimum 1° 56′ at 18 h. 16 m. on Sept. 22. Range 9′.
October 14 and 15.		
Maximum 0·30043 at 12 h. 45 m. on Oct. 14. Minimum 0·29863 at 18 h. 13 m. on Oct. 15. Range 180 γ.	Maximum 0·26049 at 18 h. 11 m. on Oct. 15. Minimum 0·26000 at 10 h. 46 m. on Oct. 14. Range 49 γ.	Maximum 2° 5′·5 at 12 h. 56 m. on Oct. 14. Minimum 1° 54′·5 at 21 h. 46 m. on Oct. 15. Range 11′.
October 23.		
Maximum 0·30002 at 5 h. 7 m. Minimum 0·29843 at 15 h. 56 m. Range 159 γ.	Maximum 0·26070 at 15 h. 56 m. Minimum 0·26015 at 20 h. 22 m. Range 55 γ.	Maximum 2° 4′·5 at 4 h. 42 m. Minimum 1° 53′·5 at 20 h. 12 m. Range 11′.
November 1.		
Maximum 0·30011 at 9 h. 50 m. Minimum 0·29862 at 17 h. 27 m. Range 149 γ.	Maximum 0·26061 at 17 h. 26 m. Minimum 0·26018 at 9 h. 54 m. Range 43 γ.	Maximum 2° 4′·5 at 12 h. 48 m. Minimum 1° 55′ at 0 h. 12 m. Range 9′·5.
November 6.		
Maximum 0·30039 at 3 h. 17 m. Minimum 0·29846 at 13 h. 49 m. Range 193 γ.	Maximum 0·26053 at 18 h. 13 m. Minimum 0·26004 at 3 h. 17 m. Range 49 γ.	Maximum 2° 5′·5 at 13 h. 14 m. Minimum 1° 53′·5 at 2 h. 13 m. Range 12′.
December 6.		
Maximum 0·30041 at 10 h. 5 m. Minimum 0·29858 at 16 h. 44 m. Range 183 γ.	Maximum 0·26052 at 16 h. 4 m. Minimum 0·26007 at 0 h. 48 m. Range 45 γ.	Maximum 2° 0′·5 at 12 h. 0 m. Minimum 1° 48′·5 at 20 h. 19 m. Range 12′.

MONTHLY BULLETINS.

ALEXANDRIA (Kôm el Nadûra).

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

C_h = + 2·9 mm.

January 1915.

Date	Standard Pressure (mm.) 8 h. (700 +)	14 h.	20 h.	AIR TEMPERATURE (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct.	Vel.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	65·6	65·3	66·5	19·3	13·2	16·4	18·3	16·8	68	56	55	9·4	8·7	7·8	10	1	7	NNW	24	N	20	WNW	14	0·0	2·0
2	66·5	65·0	65·8	17·9	13·8	15·6	17·0	14·8	62	55	64	8·3	7·9	8·0	10	10	8	Calm	0	Calm	0	Calm	1	0·0	1·2
3	65·0	63·8	64·3	20·2	12·5	15·6	17·4	15·2	61	53	56	8·1	7·8	7·2	3	3	8	Calm	0	N	1	WNW	2	0·0	1·1
4	64·2	63·5	64·5	20·7	11·1	13·5	17·0	14·3	76	55	73	8·8	7·9	8.8	0	0	0	Calm	0	NNW	11	Calm	0	0·0	1·2
5	64·2	61·4	61·1	21·2	11·2	13·6	19·9	15·1	80	66	87	9·2	11·5	11·1	0	0	0	Calm	0	E	3	E	12	0·0	1·0
6	57·1	53·3	54·2	22·7	8·7	10·7	22·1	16·0	90	36	34	8·5	7·0	4·6	0	0	8	SSE	2	SSW	25	WSW	40	0·0	4·3
7	55·1	54·1	54·7	17·5	9·8	10·7	15·0	14·1	64	57	66	6·2	7·2	7·9	10	10	10	SSW	30	SW	45	SW	35	0·0	3·4
8	56·2	55·3	57·3	15·1	8·1	—	13·2	14·2	—	67	80	—	7·6	9·6	1	10	10	SW	34	SW	35	WNW	39	1·0	1·6
9	61·4	61·6	63·0	20·1	—	16·1	17·0	13·9	64	64	68	8·8	9·3	8·0	7	10	1	NW	30	NW	29	SW	8	0·0	1·6
10	65·3	64·0	64·7	19·7	9·9	12·8	19·1	14·3	68	52	73	7	8·5	8·8	0	1	1	WSW	7	WSW	16	Calm	0	0·0	1·5
11	64·1	61·5	61·2	19·7	9·1	10·7	18·3	14·5	80	49	69	7·7	7·7	8·4	0	0	0	S	11	WSW	15	Calm	0	0·0	2·3
12	60·6	60·8	62·3	17·4	9·9	15·2	16·4	15·0	68	70	81	8·8	9·8	10·2	7	6	0	W	31	W	39	W	33	Drops	1·9
13	62·0	61·2	61·0	17·9	8·4	10·5	17·0	13·9	73	66	67	6·8	9·5	7·9	0	0	0	SW	10	SW	22	SSW	8	0·0	1·5
14	59·7	58·1	57·8	17·7	7·5	10·9	16·5	14·0	67	36	43	6·5	5·0	5·1	0	0	0	SSW	8	SW	22	SW	18	0·0	3·0
15	56·8	55·8	56·2	15·2	7·1	8·1	14·8	12·0	66	56	75	5·3	7·0	7·8	1	1	10	SW	24	WSW	36	SW	32	10·0	2·7
16	58·5	59·7	61·6	16·4	7·7	13·0	16·0	13·9	72	66	64	8·0	9·1	7·5	10	3	1	W	29	W	25	W	23	8·0	1·5
17	65·0	65·2	66·7	17·2	10.5	12·1	15·7	13·2	83	60	64	8·6	8·0	7·2	10	9	0	WSW	14	WSW	21	Calm	2	0·0	1·0
18	66·6	64·9	65·4	19·7	8·6	—	16·6	15·0	—	68	72	—	9·5	9·2	0	1	0	Calm	0	NNW	6	NE	11	0·0	0·8
19	64·3	62·9	62·9	20·7	—	16·2	18·3	15·0	79	68	81	10·8	10·7	10·2	0	1	0	Calm	0	N	1	NE	2	0·0	0·6
20	61·7	59·9	59·5	21·7	10·7	10·9	21·3	15·3	100	54	86	9·7	10·2	11·1	10	0	0	Calm	0	E	4	ENE	8	0·0	0·4
21	57·2	56·0	57·7	23·4	10·7	11·8	22·6	15·2	91	37	80	9·3	7·5	10·2	5	6	6	SE	1	Calm	0	W	25	0·0	2·2
22	58·7	58·5	59·8	15·4	11·4	14·0	13·9	10·2	52	50	50	6·1	5·9	4·7	10	10	8	W	23	W	3	SE	4	0·0	1·6
23	59·9	58·5	59·8	19·4	8·1	8·5	18·5	11·8	61	35	66	5·1	5·5	6·8	5	0	0	Calm	0	Calm	0	Calm	0	0·0	1·1
24	61·3	60·2	60·6	20·1	8·5	10·9	17·5	13·0	52	41	66	5·0	6·0	7·3	0	0	0	Calm	0	Calm	0	ENE	10	0·0	1·5
25	59·3	56·0	54·9	22·2	10·9	13·2	21·5	16·0	80	62	88	9·0	11·7	11·9	1	6	9	Calm	2	E	2	SSE	4	0·0	2·0
26	55·2	55·2	55·6	20·7	13·1	17·0	20·0	15·6	63	67	77	9·0	11·7	10·2	0	0	9	WNW	20	WSW	19	W	8	0·0	1·1
27	55·1	52·8	53·4	23·0	10·1	10·9	22·1	17·2	99	41	61	9·6	8·1	8·9	10	0	0	S	5	SW	1	Calm	0	0·0	2·2
28	59·6	59·7	60·2	19·7	10·7	13·0	19·0	14·2	73	58	76	8·1	9·4	9·1	1	0	10	WSW	15	W	22	Calm	2	0·0	1·6
29	59·4	56·8	56·6	24·4	11·7	13·1	23·3	16·9	69	33	61	7·8	6·9	8·6	3	0	0	SSE	9	SSW	6	SE	17	0·0	4·0
30	54·8	53·6	54·4	21·2	11·4	14·4	19·1	16·9	65	76	75	8·0	12·5	10·7	9	10	0	SSW	2	WSW	17	Calm	0	0·0	1·4
31	55·5	54·8	54.4	24·7	11·7	14·0	23·6	18·3	63	45	53	7·5	9·8	8·2	0	2	8	SW	4	WSW	5	Calm	0	0·0	2·8
Month	60·51	59·34	59·96	19·7	10·2	12·9	18·3	14·7	72	55	68	8·0	8·5	8·5	4·0	3·2	3·7	—	10·8	—	14·5	—	11·5	19·0	1·81

Remarks:—5 ☾ 0h–8h.—6 ∞ 20h–24h.—7 ∞ 0h–24h.—8 ● 15¹⁰–15⁴⁵, 17⁰⁵–17¹⁵, 17⁴⁰–21²⁰, 22h–22³⁰.—9 ● 0³⁰–0⁴⁰.—12 ● 11¹⁰–11¹⁵, 11⁵⁵–12¹⁰, 19³⁰–19³⁵.—15 ● 19³⁵–19⁴⁵, 23²⁵–23³⁵.—16 ● 1²⁰–1⁴⁰, 4²⁵–4³⁵, 8h–9¹⁰, 11h–12³⁰, ● 2¹⁰–2¹⁵, 17¹⁰–17²⁵, ● 13h–13¹⁰.—17 ≋ 0h–10h.—18 ≋ 0h–11h.—19 ≋ 8h–10h.—20 ☾ 0h–13³⁰.—21 ≋ 2h–12h.—25 ≋ 0h–9h.—27 ≋ 0h–9h.—28 ☿ 20h–24h.—29 ☿ ≋ 0h–5³⁰, ≋ 5³⁰–9h.—30 ≋ 2³⁰–9h.

C_h = + 2·9 mm.

February 1915.

Date	Standard Pressure (mm.) 8 h. (700 +)	14 h.	20 h.	AIR TEMPERATURE (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct.	Vel.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	55·2	55·7	55·4	21·2	13·4	17·2	18·5	16·2	70	80	85	10·2	12·6	11·7	9	10	10	W	15	NNW	3	SE	6	3·0	0·8
2	52·1	46·6	50·9	21·2	13·3	14·6	17·2	15·5	87	77	82	10·7	11·2	10·7	10	10	10	S	7	SE	16	WNW	44	Drops	2·0
3	56·3	57·0	56·6	17·6	11·9	13·0	10·5	9·9	68	91	80	7·6	8·5	7·2	10	10	6	SW	21	SW	25	SSW	30	2·0	1·6
4	58·5	58·7	60·5	15·3	5·5	6·8	14·8	12·9	73	62	77	5·4	7·7	8·5	9	7	4	SW	37	WSW	34	W	19	4·0	1·0
5	63·0	62·7	64·1	17·7	—	9·4	16·8	13·2	92	66	63	8·1	9·4	7·1	9	2	0	SW	5	W	23	W	8	3·0	0·6
6	65·7	65·5	66·7	17·2	9·4	11·7	15·7	13·2	84	56	55	8·5	7·5	6·3	9	5	0	Calm	1	N	17	NNW	5	0·0	0·4
7	66·3	65·4	65·1	17·6	10·9	13·6	16·0	14·9	57	52	63	6·6	7·0	7·9	7	2	7	N	6	N	7	N	13	0·0	2·0
8	63·8	62·4	62·5	19·2	12·8	14·2	17·7	14·1	61	56	68	7·4	8·3	8·2	10	9	6	Calm	0	NE	8	E	7	6·0	1·3
9	61·9	62·1	63·5	18·3	10·0	12·1	16·1	13·9	83	66	67	8·6	9·1	7·9	10	5	4	NNW	19	W	14	NW	23	1·0	1·7
10	64·8	65·5	66·8	16·2	10·0	13·0	15·0	13·8	68	62	59	7·6	7·9	7·0	5	9	4	WNW	21	NW	28	W	18	Drops	2·2
11	67·8	67·8	67·3	17·7	10·7	14·0	16·2	14·4	59	59	64	7·0	8·2	7·9	7	8	9	N	11	N	7	WNW	1	0·0	1·5
12	66·4	64·6	63·9	19·7	9·9	13·2	17·2	13·2	74	64	83	8·3	9·4	9·3	1	0	0	Calm	1	NNE	10	E	16	0·0	1·3
13	61·1	59·4	57·7	24·2	10·4	13·5	23·1	16·2	63	49	64	9·5	10·4	8·0	0	0	0	E	10	E	6	SE	15	0·0	5·0
14	55·0	55·4	56·4	20·2	10·9	13·2	18·2	15·2	61	54	51	6·9	8·3	6·5	10	6	10	SW	11	W	23	SW	19	0·0	2·2
15	59·9	60·6	63·0	20·1	11·9	14·2	16·4	15·0	67	56	67	8·1	7·8	8·5	0	0	5	N	8	N	17	WNW	1	0·0	1·2
16	63·7	62·5	62·0	20·6	10·3	13·0	20·1	14·1	85	46	77	9·3	8·1	9·2	0	2	5	Calm	0	S	4	E	10	0·0	1·1
17	59·1	56·1	55·2	23·0	10·2	13·1	21·5	15·4	78	37	78	8·8	7·0	10·1	0	0	0	E	1	Calm	0	SE	5	0·0	2·0
18	57·2	56·7	56·6	18·2	8·9	10·3	16·4	14·1	64	49	45	6·0	6·8	5·4	3	0	0	SW	28	SW	24	SW	2	0·0	2·0
19	58·6	59·5	62·0	20·6	9·5	13·0	19·9	15·0	64	53	69	7·1	9·2	8·8	0	1	2	Calm	0	W	24	W	18	0·0	1·3
20	64·3	64·3	64·7	20·3	12·2	15·2	19·1	14·3	68	69	76	8·8	11·3	9·2	7	3	5	NW	21	W	16	Calm	0	0·0	1·0
21	64·3	62·4	61·6	21·2	9·9	12·8	18·9	14·6	82	60	84	9·0	9·8	10·3	1	1	0	Calm	0	NNW	1	ENE	17	0·0	1·0
22	60·0	58·6	58·0	24·1	10·9	14·2	22·4	16·0	86	44	65	10·3	8·8	8·9	0	0	0	Calm	1	W	5	Calm	0	0·0	2·2
23	60·2	59·2	59·5	24·7	11·7	15·4	23·0	16·9	55	36	53	7·1	7·5	7·5	0	0	0	SW	10	W	13	Calm	0	0·0	2·4
24	58·9	58·1	58·0	28·3	12·8	15·4	26·0	19·1	55	27	44	7·1	6·6	7·2	0	0	0	S	10	W	14	Calm	0	0·0	2·8
25	58·7	58·6	59·8	22·1	13·1	16·2	18·4	15·8	90	74	80	12·4	11·6	10·7	9	0	4	NW	15	NE	4	WNW	3	0·0	0·6
26	61·0	60·6	61·0	23·5	13·6	17·4	18·5	16·2	70	69	69	10·4	10·9	9·5	0	0	0	Calm	0	NE	3	E	5	0·0	2·0
27	60·7	58·3	56·7	25·9	11·7	13·8	25·0	17·2	92	36	57	10·7	8·6	8·3	0	0	7	SE	14	E	13	SE	10	0·0	4·0
28	54·2	56·7	58·6	19·3	10·8	16·4	17·7	15·0	73	54	58	10·2	8·0	7·4	0	0	0	W	34	W	42	WSW	18	0·0	3·1
Month	60·67	60·00	60·50	20·5	11·0	13·6	18·4	14·8	73	57	67	8·5	8·8	8·4	4·5	3·2	3·5	—	11·0	—	14·4	—	11·2	19·0	1·80

Remarks:—1 ● 21²⁰–21²⁵, 22⁰⁵–23⁰⁵, ● 23¹⁰–23⁴⁰.—2 ● 0h–0³⁰, 2²⁵–2³⁵, 8¹⁵–8²⁰, 12³⁰–12³⁵, 20²⁰–20⁵⁰, 21h–21⁰⁵.—3 ● 10h–10²⁰, ● 10³⁰–15h.—4 ⌒ 15³⁵, ● 16h–16²⁰.—5 ● 2⁴⁰–2⁴⁵, 6¹⁵–7h, ● 2⁴⁵–3⁰⁵, 4³⁰–5h, 8¹⁰–9²⁰, ⌒ 8³⁰.—6 ● 6⁵⁵, ⌒ 7⁰⁵.—8 ● 23⁰⁵–24h.—9 ● 0¹⁵–0³⁵, 3⁴⁰–5³⁵, ● 7²⁵–8h, ● 15¹⁵–15²⁰.—10 ● 1³⁵–1⁵⁰, ● 2⁵⁰–3¹⁵, 5⁰⁵–5²⁰, ● 12⁴⁰–12⁴¹, 13⁴⁰–13⁴².—13 < 24h.

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 1915.

Date	Standard Pressure (mm.) 8 h. (700 +)	14 h.	20 h.	AIR TEMPERATURE (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct.	Vel.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	60·3	61·2	63·1	18·2	11·3	13·1	16·8	14·2	76	68	74	8·5	9·7	8·9	8	2	0	SW	40	W	36	WNW	31	1·0	1·0
2	64·5	64·0	64·4	20·3	9·2	12·4	19·9	14·2	77	43	66	8·2	7·5	8·0	0	0	0	SW	20	W	23	W	10	0·0	1·6
3	64·0	63·1	63·0	21·1	9·7	13·8	20·5	15·8	69	49	64	8·1	8·8	8·7	0	5	0	S	2	W	18	Calm	0	0·0	1·3
4	62·0	61·1	61·7	22·1	10·3	13·8	20·2	15·2	76	53	71	8·0	9·2	9·2	1	2	5	WSW	5	W	21	NW	24	0·0	1·7
5	63·1	63·0	63·4	20·2	13·3	15·0	17·4	14·1	52	47	65	6·6	6·9	7·8	5	3	4	NNW	10	WNW	16	W	16	0·0	1·3
6	61·5	60·1	59·0	19·4	10·7	13·0	18·7	13·9	76	57	80	8·5	9·2	9·4	9	1	0	WSW	10	W	22	W	6	0·0	0·9
7	57·3	56·0	55·8	20·3	10·7	15·8	19·7	15·0	71	61	78	9·5	10·4	9·9	3	0	0	W	15	W	20	Calm	0	0·0	1·8
8	56·3	55·8	57·7	25·2	12·1	16·2	23·8	18·0	46	40	53	6·3	8·8	8·1	0	0	0	SW	13	WSW	26	Calm	0	0·0	4·0
9	59·4	58·7	59·1	29·3	14·2	17·9	23·2	23·9	36	40	23	5·5	6·6	5·1	0	0	0	SSW	8	NE	5	SSW	1	0·0	6·2
10	59·9	57·8	57·6	32·8	16·4	17·9	31·6	26·0	40	11	18	6·1	4·0	4·5	0	0	2	SSE	12	SSW	16	S	5	0·0	10·0
11	55·6	53·1	54·8	35·2	16·8	18·9	34·6	17·1	26	6	88	4·3	2·3	12·7	0	0	10	S	20	SW	30	NNW	22	0·0	7·1
12	59·6	60·4	61·1	21·2	15·0	16·0	19·5	15·0	57	47	60	7·8	7·9	7·6	1	3	0	NW	25	NW	27	WNW	20	Drops	2·8
13	62·0	61·2	61·2	20·7	13·6	15·6	19·3	14·8	53	47	62	7·0	7·9	7·7	9	5	2	NW	22	NW	20	WNW	22	0·0	2·0
14	60·2	59·7	59·7	21·3	13·2	15·8	18·5	14·2	62	50	67	8·3	7·8	8·1	7	2	7	W	24	W	24	W	17	0·0	1·6
15	58·9	56·7	55·5	21·1	11·7	13·6	19·1	16·0	72	51	70	8·3	8·3	9·5	5	10	9	S	10	S	1	ESE	7	6·0	2·2
16	53·2	52·9	54·7	18·9	11·8	13·8	17·9	15·8	94	77	81	10·9	11·8	10·8	9	10	1	E	14	NE	12	NE	10	4·0	0·9
17	56·8	56·9	58·7	18·2	12·0	13·2	17·0	15·0	99	63	64	11·2	9·0	8·1	10	8	3	WSW	1	WNW	14	NW	17	2·0	1·8
18	60·1	60·4	61·4	21·2	12·5	16·0	19·1	15·2	64	59	66	8·8	9·6	8·5	7	8	0	WNW	22	WNW	23	W	7	0·0	1·5
19	63·3	63·1	64·1	20·2	13·2	15·7	18·3	15·2	68	56	66	9·1	8·7	8·5	9	1	0	NNW	8	N	4	N	3	0·0	1·7
20	65·0	63·6	65·1	24·1	11·5	15·2	22·2	16·6	74	42	82	9·6	8·3	11·6	3	4	0	S	7	SSE	1	ENE	13	0·0	2·0
21	65·1	63·7	64·0	28·3	11·9	16·1	19·9	17·1	76	75	87	10·3	13·0	12·6	7	8	5	SSE	6	NE	11	NE	9	0·0	1·5
22	63·4	62·5	61·6	24·5	14·8	17·2	19·8	16·8	82	75	84	11·9	12·9	12·0	10	5	0	E	2	NNE	3	NNE	5	0·0	0·9
23	61·4	60·6	61·4	20·7	14·8	16·8	18·1	15·3	85	75	73	12·2	11·7	9·5	0	8	7	N	7	NNW	16	WNW	24	0·0	2·7
24	60·5	60·3	61·2	18·9	13·5	15·1	17·9	14·9	54	54	60	6·9	8·2	7·6	3	3	8	NW	32	W	33	NW	34	0·0	2·2
25	60·3	58·6	58·6	21·1	13·1	15·4	18·8	14·9	66	51	70	8·0	8·2	8·8	10	4	5	W	12	W	10	NNE	4	0·0	1·4
26	57·5	55·3	55·5	21·2	11·0	14·7	17·9	15·3	76	66	77	9·5	10·1	9·9	3	7	5	SE	2	NE	14	NE	13	0·0	1·8
27	56·5	55·3	54·9	20·0	13·5	16·2	17·1	15·0	69	68	68	9·5	9·0	9·3	3	9	10	Calm	1	NE	7	E	11	1·0	1·5
28	49·2	47·2	50·1	26·8	13·5	14·7	25·8	16·9	91	46	75	11·3	11·4	10·7	10	10	7	E	14	WSW	18	WNW	17	5·0	1·7
29	52·3	55·0	57·1	21·8	14·2	16·8	20·9	16·3	83	69	87	11·9	12·7	12·0	1	4	6	WNW	38	W	34	WNW	21	0·0	1·1
30	59·3	57·3	57·1	29·3	12·2	15·6	26·9	23·0	87	38	51	11·5	10·1	10·6	0	0	0	SW	8	S	2	Calm	2	0·0	3·7
31	57·7	59·7	61·0	21·7	15·2	17·5	19·1	16·4	85	69	76	12·6	11·3	10·6	10	4	1	NW	33	NW	33	NW	29	0·0	1·3
Month	59·55	58·85	59·47	22·8	12·8	15·4	20·6	16·4	69	53	68	9·0	9·2	9·2	4·6	4·1	3·1	—	14·3	—	17·7	—	12·9	19·0	2·36

Remarks:—1 ●° 9^{45}–9^{55}.—11 ∞ 8^{30}–22^h.—12 ●° 17^{30}–17^{40}.—15 ● 14^{45}–16^{30}, ≋ 15^h–24^h.—16 ●² 3^h–3^{25}, 4^h–4^{15}, 6^{40}–7^h.—17 ●² 2^{30}–2^{45}, 4^{30}–4^{50}, 5^{40}–6^h, 8^h–8^{10}, 9^h–9^{05}. ● 3^{15}–3^{20}, 7^h–7^{55}.—18 ●² 5^{45}–5^{55}.—27 ●° 23^{10}–23^{40}.—28 ⊤ 6^{14}, ●° 6^{25}–6^{40}, 22^h–22^{20}, ●² 6^{45}.—29 ●² 0^h–0^{40}, 3^{55}–4^{20}, ●° 5^{30}–5^{40}.—30 ≋ 2^h–7^h.

C_h = +2·8 mm.

April 1915.

Date	8 h.	14 h.	20 h.	Max.	Min.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h. Direct.	Vel.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain	Evaporation
1	62·3	62·0	62·5	22·4	15·0	17·3	20·0	16·1	79	67	87	11·6	11·7	11·9	1	0	2	WNW	20	NW	23	WNW	15	0·0	1·0
2	60·9	60·2	59·8	22·4	14·1	17·5	20·1	15·9	80	66	88	11·9	11·5	11·9	5	4	3	W	14	W	22	WNW	14	0·0	1·0
3	59·8	58·5	59·2	22·4	14·3	17·5	19·3	16·5	81	72	86	12·0	12·0	12·1	5	1	3	NW	13	WNW	4	WNW	2	0·0	1·0
4	57·4	55·1	52·7	24·2	13·7	16·4	23·1	18·8	84	36	51	11·7	7·6	8·2	10	10	10	SSE	2	SE	12	ESE	13	0·0	5·0
5	47·5	45·5	47·4	29·4	13·8	18·5	28·0	19·7	56	39	66	8·9	10·8	11·3	10	10	10	E	14	Calm	0	N	3	Drops	1·1
6	51·2	51·4	53·2	20·6	10·1	16·1	19·9	16·1	58	50	70	7·8	8·6	9·5	3	10	2	W	42	WSW	38	WNW	24	1·0	4·1
7	56·6	57·8	58·4	21·2	14·0	15·9	20·6	16·2	76	62	73	10·2	11·2	10·0	6	4	0	W	20	WSW	24	NE	23	Drops	1·5
8	59·5	59·4	59·9	22·7	14·6	18·4	19·1	16·4	65	61	67	10·3	10·1	9·2	6	4	8	W	27	NW	30	NW	20	0·0	1·4
9	61·2	59·8	59·6	22·1	14·7	16·2	19·5	16·2	69	52	77	9·5	8·8	10·6	6	4	10	W	9	W	12	NE	3	0·0	1·0
10	59·8	58·1	59·0	22·2	14·8	16·7	21·1	17·0	82	65	82	11·7	11·0	11·8	10	0	0	N	5	NW	17	N	9	0·0	1·1
11	59·3	59·6	60·0	21·3	14·3	18·1	20·3	17·4	81	72	78	12·5	12·7	11·5	3	0	0	Calm	0	NW	1	ENE	6	0·0	0·8
12	58·6	57·0	56·9	28·3	14·6	17·7	22·6	20·1	78	77	66	11·8	15·8	11·5	1	0	0	SE	10	ENE	10	E	6	0·0	3·0
13	52·9	50·1	50·4	34·0	14·8	17·8	30·6	29·2	76	39	33	11·6	12·6	10·1	8	10	10	SSE	10	SSE	8	Calm	0	Drops	4·8
14	58·2	59·7	61·8	29·4	16·0	17·4	19·0	16·2	72	63	76	10·7	10·4	10·4	9	8	0	NNW	18	NNW	18	NW	2	0·0	1·9
15	64·6	64·6	65·6	22·0	14·3	17·2	18·8	16·3	69	63	78	10·1	10·2	10·8	6	0	0	ENE	1	NNE	3	NW	8	0·0	1·0
16	65·7	65·6	65·2	20·4	14·8	17·5	19·5	16·2	68	61	78	10·1	10·4	10·7	4	7	5	ENE	7	NNE	8	NNW	8	0·0	1·7
17	63·3	62·5	61·7	21·2	15·1	17·4	19·3	17·1	75	72	81	11·1	12·0	11·7	0	10	4	N	12	N	17	NNE	6	0·0	1·1
18	61·2	60·1	60·3	22·2	15·7	17·9	19·8	17·2	74	60	76	11·2	11·4	11·1	10	10	0	NNE	5	NNE	9	NNE	2	0·0	1·0
19	59·9	58·5	59·3	21·7	15·3	18·1	19·0	17·4	73	73	77	11·2	11·8	11·4	0	10	0	Calm	0	NNE	5	NNE	4	0·0	1·0
20	57·9	57·2	56·7	23·1	14·5	18·0	21·0	17·8	67	60	79	10·3	11·0	12·0	0	0	0	Calm	0	N	11	N	1	0·0	1·4
21	56·4	56·0	55·9	22·7	14·6	18·0	19·9	16·8	77	64	72	11·8	11·0	10·2	3	5	7	NNW	17	NW	27	WNW	37	0·0	2·4
22	54·4	54·1	54·6	22·8	15·4	18·0	20·9	17·0	69	57	73	10·6	10·5	10·5	5	4	4	W	36	WNW	42	NW	37	Drops	2·1
23	56·6	56·7	57·2	23·1	15·3	17·9	21·7	16·6	72	62	84	10·9	11·9	11·9	8	9	1	W	28	W	31	W	15	0·0	1·1
24	57·3	55·8	55·7	29·3	14·7	19·0	23·8	25·5	62	43	47	10·1	9·4	11·2	10	10	10	SW	4	Calm	0	Calm	0	Drops	3·4
25	54·4	53·7	55·2	26·2	18·3	22·2	22·5	18·5	53	74	78	10·6	15·0	12·3	10	10	10	N	7	W	23	WNW	27	0·0	1·2
26	56·5	56·9	57·7	22·1	16·2	18·7	19·0	17·0	84	90	82	13·4	14·7	11·8	10	10	9	NW	18	W	22	WNW	22	0·0	1·0
27	57·7	57·7	57·7	22·9	15·3	19·3	20·9	17·0	74	67	89	12·3	12·2	12·8	9	10	7	W	8	WNW	18	WNW	17	0·0	1·5
28	58·1	57·7	57·6	23·4	15·9	19·9	22·6	17·2	66	56	81	11·5	11·3	11·8	9	3	10	W	14	WNW	24	W	16	0·0	1·7
29	58·4	58·9	60·3	22·8	15·4	19·0	20·9	17·7	69	65	77	11·3	11·7	11·6	7	5	4	W	10	WNW	18	N	14	0·0	2·8
30	61·7	61·6	61·8	22·2	15·8	18·3	21·7	17·7	73	54	73	11·4	10·4	11·0	5	0	1	N	2	N	13	NNE	7	0·0	1·9
Month	58·31	57·73	58·11	23·7	14·8	17·9	21·2	17·8	72	62	74	11·0	11·4	11·1	6·0	5·6	4·3	—	12·4	—	16·3	—	11·7	1·0	1·83

Remarks:—5 ∞.—6 ∞, ●° 0^{55}–1^h, 2^{30}–2^{32}, 3^{30}–3^{34}, 4^{10}–4^{12}.—7 ●² 5^h–5^{15}, ●° 9^{45}–10^{05}.—13 ●° 6^{10}, 6^{15}, 6^{20}, 20^{50}–21^h, ∞ 10^h.—22 ●° 11^{01}–11^{02}, 11^{12}–11^{15}, 13^{30}–13^{34}.—24 ∞, ●° 19^{20}–19^{21}, 19^{55}–19^{56}.

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 1915.

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	61·6	62·1	62·0	22·1	16·1	18·8	20·8	17·4	73	65	77	11·8	11·8	11·4	1	0	3	Calm	0	NNE	0	NNE	8	0·0	1·8
2	62·8	63·2	62·1	22·1	16·1	18·6	20·3	17·2	63	58	71	10·1	10·3	10·4	3	1	1	NNW	3	NNW	25	N	3	0·0	1·1
3	61·8	61·2	60·7	23·1	15·9	18·9	20·7	17·9	69	61	80	11·2	11·0	12·2	3	9	9	NE	2	N	17	N	7	0·0	2·4
4	61·0	60·3	60·7	22·8	15·8	18·5	21·9	17·9	74	59	75	11·7	11·6	11·4	3	0	0	Calm	0	WNW	20	NNW	18	0·0	2·3
5	61·2	60·7	61·1	23·2	16·6	18·8	20·9	18·1	71	66	81	11·5	12·0	12·5	3	4	4	NW	16	NW	24	NNW	28	0·0	2·0
6	61·7	60·9	60·0	23·7	16·4	19·5	20·8	18·1	67	65	83	11·3	11·8	12·8	0	2	6	NNW	4	NW	29	NW	13	0·0	2·5
7	60·5	60·1	60·0	22·4	16·6	18·5	20·8	17·9	76	67	80	12·0	12·1	12·2	5	0	0	NNW	9	NNW	13	NE	5	0·0	1·8
8	60·4	60·0	60·1	22·1	16·3	18·3	19·1	17·2	70	60	75	11·0	9·9	10·9	7	0	0	NW	5	NW	22	N	14	0·0	2·5
9	60·2	60·1	60·5	21·2	15·6	18·1	19·7	17·1	67	57	71	10·4	9·7	10·3	1	0	0	N	7	NW	6	NNE	6	0·0	2·2
10	60·7	60·3	60·7	22·2	14·6	19·2	21·8	17·9	67	57	66	11·1	11·0	10·1	1	0	0	Calm	0	N	8	ENE	10	0·0	1·4
11	60·5	59·5	59·1	22·7	15·4	21·0	21·8	18·8	57	61	77	10·5	11·8	12·4	0	0	0	ENE	16	NNE	14	ENE	12	0·0	2·0
12	58·0	56·6	56·5	24·7	16·1	22·4	23·7	20·7	55	59	60	11·1	12·7	10·8	0	0	0	E	14	NE	13	E	13	0·0	2·4
13	55·4	56·0	54·7	33·6	12·8	22·0	22·8	24·7	51	72	35	10·0	14·8	8·1	7	7	10	ESE	12	ENE	14	SE	10	0·0	3·3
14	56·2	56·2	57·1	25·7	18·1	19·3	19·9	18·8	85	74	74	14·1	12·8	12·0	9	4	8	NW	23	NNW	21	NW	19	0·0	2·0
15	57·2	57·3	57·2	25·0	17·4	21·0	23·9	19·8	65	39	68	12·0	8·6	11·7	5	3	4	W	17	W	22	NW	9	0·0	2·0
16	58·1	58·0	57·6	25·2	17·4	19·9	22·1	18·9	77	69	81	13·3	13·5	13·1	7	3	4	W	7	W	21	NW	17	0·0	2·0
17	57·4	56·8	57·0	24·2	18·0	19·8	20·9	19·7	74	75	84	12·7	13·7	14·3	5	2	7	WNW	17	N	23	NNW	20	0·0	1·2
18	56·0	55·6	55·2	25·6	18·4	20·9	24·9	19·8	75	62	77	13·7	14·5	13·2	2	4	6	W	7	W	20	WNW	16	0·0	1·1
19	56·1	56·3	56·2	26·2	16·4	20·9	22·7	19·8	61	69	84	14·9	14·1	14·4	0	0	0	W	12	NNW	16	N	1	0·0	1·2
20	57·4	57·3	58·1	26·2	16·2	21·3	22·9	19·9	77	66	82	14·4	13·8	14·2	0	0	0	Calm	0	NNW	15	N	2	0·0	2·0
21	58·1	56·9	57·0	26·2	17·2	22·7	24·0	22·1	66	73	80	13·6	16·1	15·8	0	0	0	Calm	0	NNE	6	NE	4	0·0	2·0
22	55·7	55·6	55·9	29·2	18·2	22·3	24·7	21·0	69	69	85	13·7	16·0	15·7	0	0	0	S	11	NNE	10	NNE	18	0·0	2·0
23	56·6	56·9	56·7	26·2	17·4	20·1	24·5	19·5	65	57	76	11·3	13·0	12·7	4	4	4	NW	8	WNW	26	NNW	20	0·0	2·2
24	57·0	57·3	57·7	25·9	18·4	20·8	22·7	20·0	73	70	82	13·2	14·4	14·3	7	4	0	NW	6	W	12	NW	4	0·0	1·5
25	57·2	56·0	56·9	31·3	17·4	21·3	25·4	23·5	75	74	71	14·1	17·7	15·2	0	3	8	S	5	NE	9	ESE	8	0·0	4·3
26	55·6	54·9	55·3	38·4	19·5	25·1	29·9	27·7	48	56	41	11·2	17·6	11·3	0	3	4	SE	17	NE	4	ESE	15	Drops	8·4
27	53·8	52·7	52·4	41·4	21·7	27·4	30·7	30·7	41	55	49	11·2	18·2	16·0	3	4	10	S	3	NE	4	Calm	0	0·0	7·9
28	52·6	52·5	53·7	34·5	22·4	23·9	25·7	21·9	82	72	83	17·9	17·6	16·2	6	2	7	WNW	14	NNW	5	NNW	27	0·0	1·2
29	57·2	58·0	58·3	27·2	19·9	22·1	23·9	20·9	81	74	86	15·9	16·2	15·7	4	4	0	WNW	17	WNW	20	WNW	4	0·0	1·0
30	60·0	59·3	58·7	29·3	18·9	22·1	26·9	22·7	77	52	70	15·3	13·7	14·2	0	0	0	Calm	0	WNW	22	NE	4	0·0	2·7
31	57·1	56·7	55·8	29·2	20·0	24·6	26·2	23·6	50	68	84	11·6	17·2	18·1	0	0	3	Calm	0	WNW	2	NNE	4	0·0	2·0
Month	58·23	57·91	57·90	26·5	17·3	20·9	23·1	20·4	68	64	74	12·5	13·5	13·0	2·8	2·0	3·2	—	8·1	—	15·2	—	10·9	Drops	2·40

Remarks: 13 ∞ 12^{10}.—26 ● 18^{18}–18^{22}.—27 ∞.

$C_h = + 2·8$ mm.

June 1915.

1	55·5	55·4	54·9	30·8	20·9	26·2	25·2	22·7	55	54	83	13·7	12·7	17·1	4	0	0	Calm	0	NNW	28	N	9	0·0	2·5
2	55·8	55·8	55·4	27·9	21·4	23·0	25·8	22·0	76	71	85	15·9	17·5	16·7	0	0	7	NNW	18	NW	18	NW	19	0·0	1·6
3	57·0	57·3	57·1	28·2	20·8	23·2	24·9	22·0	81	73	92	17·0	17·0	15·0	3	6	7	N	4	NW	22	WNW	17	0·0	1·0
4	56·7	56·8	56·8	27·2	20·9	22·9	23·8	22·1	84	79	91	17·3	16·9	18·0	5	6	8	W	12	NNW	22	NNW	18	0·0	1·1
5	56·4	55·7	56·2	27·6	20·8	22·9	24·9	22·0	83	71	91	17·2	16·6	17·9	0	0	9	NNW	10	NW	22	NW	17	0·0	1·1
6	56·7	55·9	56·0	27·8	21·4	23·0	24·0	22·1	84	75	93	17·4	17·2	18·3	7	0	3	W	5	NW	28	N	10	0·0	1·0
7	56·9	56·2	56·7	28·1	20·9	22·8	25·0	22·6	80	77	88	16·5	18·0	17·7	7	2	0	N	12	NW	30	NNW	16	0·0	1·4
8	56·4	55·7	55·4	27·1	21·3	22·9	24·9	22·4	82	75	92	17·0	17·5	18·5	6	4	4	W	11	WNW	11	NNW	13	0·0	0·8
9	54·7	54·0	53·9	28·3	21·3	23·8	24·5	22·7	87	82	94	19·1	18·7	19·2	0	0	0	W	6	NNE	19	NNW	20	0·0	1·1
10	53·7	53·6	53·6	28·3	21·3	23·9	25·7	22·6	80	73	83	17·6	17·7	16·8	1	0	4	NW	21	NW	25	NNW	17	0·0	1·1
11	54·2	54·9	54·8	28·2	21·5	24·7	24·8	22·3	74	70	86	17·1	16·3	17·2	5	4	1	NW	15	W	29	NNW	18	0·0	1·0
12	56·3	56·6	57·4	27·2	21·2	22·9	24·9	22·4	77	74	83	15·9	17·3	16·8	0	0	2	NW	2	WNW	14	NNE	4	0·0	1·0
13	57·8	57·6	57·3	29·9	20·3	24·5	27·9	24·2	60	58	85	13·8	16·2	19·0	0	0	0	Calm	0	NE	1	ENE	7	0·0	2·0
14	58·1	57·1	56·8	35·5	21·9	27·0	28·0	27·7	49	71	66	15·1	22·3	18·0	0	3	4	Calm	2	NNE	15	E	11	0·0	6·6
15	56·1	55·4	54·3	38·0	24·6	30·4	33·0	30·8	40	44	45	12·9	16·4	15·0	0	4	4	S	8	Calm	0	E	14	0·0	7·0
16	52·5	51·9	54·0	48·7	26·4	32·1	31·8	24·0	41	46	94	14·5	16·0	20·8	10	10	10	S	17	WNW	28	W	28	0·0	5·6
17	56·4	57·2	58·0	29·2	22·4	24·1	27·0	23·0	83	70	76	18·5	18·6	15·9	3	0	0	WNW	23	WNW	17	WNW	24	0·0	1·9
18	58·6	59·2	59·4	29·4	21·4	23·9	26·8	23·0	76	66	85	16·7	17·1	17·6	3	6	0	NW	14	W	15	WNW	13	0·0	1·0
19	59·7	58·6	58·5	28·7	21·0	23·0	25·0	23·4	83	75	81	17·3	17·6	17·4	3	0	0	Calm	0	NW	22	N	4	0·0	1·0
20	57·1	56·7	56·6	28·7	21·4	23·9	25·7	22·6	85	70	84	18·7	17·2	17·2	5	0	3	Calm	0	NNW	14	NNW	19	0·0	2·4
21	57·1	57·6	57·9	29·1	22·3	23·8	25·0	23·1	72	68	76	15·6	16·0	16·0	4	2	2	NNW	8	NW	24	N	14	0·0	2·0
22	57·8	57·5	57·5	28·3	20·8	24·7	26·7	24·0	71	66	77	16·4	17·1	17·0	1	0	0	Calm	0	N	4	E	3	0·0	3·0
23	56·6	55·2	56·0	36·5	21·4	25·9	27·9	25·7	58	74	62	14·3	20·8	20·0	0	0	0	S	6	NNE	16	NE	8	0·0	2·5
24	57·6	57·8	57·9	28·3	23·9	24·8	26·2	23·8	76	67	75	17·5	17·1	16·4	0	1	4	N	9	N	9	NNW	14	0·0	1·8
25	57·5	57·1	56·6	29·0	21·9	24·8	27·2	24·2	72	67	70	16·7	17·9	17·1	1	1	2	NW	14	NW	24	NW	22	0·0	2·0
26	55·8	55·4	55·6	29·7	22·9	24·9	28·1	24·7	77	58	73	17·9	16·4	16·9	0	0	0	NW	25	NW	34	NW	21	0·0	2·1
27	54·6	54·2	54·0	30·8	22·9	25·9	28·9	24·6	81	64	80	20·1	19·0	18·4	3	0	0	W	31	WNW	35	WNW	29	0·0	1·0
28	53·8	54·0	54·4	30·3	23·4	25·6	28·7	24·4	74	65	81	18·0	19·1	18·4	0	0	0	WNW	29	WNW	28	NW	23	0·0	1·8
29	54·8	55·3	55·0	31·4	23·3	26·2	27·9	25·5	79	72	74	19·9	20·2	17·9	0	0	0	Calm	0	NW	22	Calm	0	0·0	2·1
30	55·5	56·0	56·2	29·7	24·6	25·4	27·7	24·0	83	67	76	20·0	18·4	16·8	6	4	4	WNW	29	WNW	29	NW	25	0·0	2·2
Month	56·26	56·06	56·14	30·1	22·0	24·8	26·6	23·7	73	68	82	16·8	17·6	17·6	2·6	1·8	2·6	—	11·0	—	20·2	—	15·2	0·0	2·09

Remarks:—16 ☍.

ALEXANDRIA (Kôm el Nadûra).

$\varphi = 31° 11' 33''$ 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 1915.**

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	56·6	56·8	57·3	30·2	22·9	25·1	27·0	23·8	68	63	79	16·0	16·6	17·1	7	3	2	W	27	WNW	24	NNW	21	0·0	2·3
2	57·1	55·8	54·5	29·2	22·3	24·0	25·9	23·7	69	64	79	15·3	15·7	17·0	2	0	0	Calm	0	NNW	18	N	3	0·0	1·8
3	55·3	54·4	55·2	33·4	20·6	24·0	28·4	24·4	71	69	88	15·6	19·9	19·8	0	0	0	Calm	0	NE	2	NNE	2	0·0	2·1
4	56·1	56·2	56·4	28·3	22·3	24·9	26·8	23·9	80	72	82	18·8	18·7	17·9	6	0	0	Calm	0	N	12	NNW	8	0·0	1·0
5	57·5	57·2	57·2	28·9	22·4	23·9	26·0	23·9	75	67	71	16·4	16·7	15·5	3	3	2	WNW	11	NNW	15	NW	7	0·0	3·0
6	56·3	56·0	56·2	30·4	23·0	24·9	27·6	24·1	72	63	82	16·8	17·1	18·2	3	0	2	W	7	WNW	18	WNW	11	0·0	2·0
7	55·9	55·2	55·8	29·0	23·0	25·0	26·0	24·6	77	79	88	18·2	19·6	20·3	3	3	1	WNW	13	NNW	16	NNW	1	0·0	1·8
8	55·7	55·2	55·4	30·3	23·6	24·8	28·7	24·4	79	67	88	18·3	19·7	20·0	3	0	0	WNW	2	Calm	0	Calm	0	0·0	1·5
9	55·9	55·8	56·4	29·2	23·2	25·2	27·7	25·0	84	72	76	19·9	19·9	17·8	5	0	0	Calm	0	N	6	Calm	0	0·0	2·0
10	56·7	56·3	56·2	29·2	23·5	25·7	27·2	24·9	67	69	78	16·5	18·7	18·2	0	0	0	Calm	0	Calm	0	Calm	0	0·0	2·4
11	56·0	55·4	55·2	30·3	23·6	24·8	26·4	24·7	81	74	79	18·8	19·0	18·2	3	0	0	Calm	0	NNW	8	Calm	0	0·0	2·0
12	54·5	54·0	53·2	31·3	23·0	25·2	29·0	25·4	78	74	82	18·6	22·1	19·6	0	0	0	W	3	WNW	10	WNW	8	0·0	2·6
13	51·5	51·3	51·8	31·3	24·0	26·8	28·1	24·9	85	70	87	22·2	19·8	20·3	3	2	4	WNW	12	NNW	13	N	9	0·0	1·9
14	52·8	53·2	53·3	30·3	23·5	25·8	27·8	24·8	79	75	92	19·5	20·8	21·5	5	6	3	Calm	0	NW	16	N	7	0·0	1·8
15	54·1	54·6	54·8	31·1	23·5	25·8	28·1	25·0	84	74	93	20·7	21·0	21·8	3	0	3	WNW	8	WNW	8	W	5	0·0	1·2
16	55·7	56·6	56·9	30·7	23·9	25·9	28·2	26·0	85	67	79	21·0	19·0	19·6	0	0	0	Calm	0	NW	5	Calm	0	0·0	1·4
17	56·9	56·5	56·0	32·3	23·5	27·8	29·6	26·2	66	60	73	18·1	18·3	18·4	0	0	0	Calm	0	NNE	18	Calm	0	0·0	2·0
18	55·2	54·3	54·1	31·3	22·4	26·7	28·8	25·8	72	67	79	18·8	19·8	19·5	0	0	0	Calm	0	NE	2	Calm	1	0·0	2·1
19	53·6	53·3	53·7	30·2	22·4	25·8	28·6	25·8	80	71	85	19·7	20·7	21·1	4	0	0	Calm	0	N	2	NE	1	0·0	1·8
20	54·0	54·1	54·5	31·2	23·5	27·0	28·1	25·8	78	69	81	20·7	19·5	19·9	4	0	2	Calm	0	NW	15	WNW	5	0·0	2·1
21	54·8	54·7	55·0	31·3	24·5	27·5	28·6	25·1	75	73	74	20·4	21·3	17·6	4	0	2	W	8	WNW	29	NNW	9	0·0	3·0
22	55·7	55·7	56·4	29·3	24·5	26·4	28·7	25·0	68	61	70	17·3	17·6	16·4	0	0	2	WNW	15	WNW	21	NNW	13	0·0	4·0
23	56·7	56·0	55·5	30·5	24·0	25·8	27·7	25·0	65	59	72	15·9	16·1	16·9	4	3	5	NW	10	NNW	19	NNW	18	0·0	3·6
24	55·1	54·5	54·5	29·8	23·8	24·9	26·9	24·9	68	66	78	15·9	17·2	18·2	3	4	4	WNW	12	NNW	17	N	13	0·0	2·9
25	55·0	55·2	55·1	31·4	23·7	25·8	29·0	25·4	66	61	65	16·1	18·1	15·8	3	2	0	W	6	WNW	12	NW	8	0·0	2·4
26	55·3	54·9	54·3	31·3	23·9	26·7	29·4	25·1	72	73	92	18·8	22·3	21·7	0	3	3	W	3	WNW	20	W	11	0·0	2·0
27	54·6	54·1	54·0	31·2	23·9	26·7	28·4	25·6	80	75	88	20·7	21·4	21·4	4	3	2	W	7	NW	17	NW	12	0·0	2·1
28	53·1	53·0	52·5	31·3	24·6	27·5	29·2	25·7	76	63	76	20·6	19·2	18·7	0	0	0	WNW	11	NW	25	WNW	18	0·0	2·7
29	52·4	52·4	53·4	31·3	24·1	25·9	27·8	25·9	79	75	87	19·5	20·8	21·6	6	0	0	W	2	WNW	2	Calm	0	0·0	1·1
30	54·5	53·9	53·8	31·3	24·1	26·4	28·0	26·2	81	77	85	20·7	21·7	21·4	3	0	0	Calm	0	NNE	2	Calm	0	0·0	1·9
31	54·6	54·0	54·1	31·3	24·9	26·7	26·0	25·1	80	73	93	20·7	21·7	21·9	0	0	0	Calm	0	NNW	2	Calm	0	0·0	1·4
Month	55·14	54·86	54·93	30·6	23·4	25·8	28·0	25·0	75	69	81	18·6	19·4	19·1	2·6	1·0	1·2	—	5·1	—	12·1	—	6·2	0·0	2·13

Remarks :—

$C_h = + 2·8$ mm. **August 1915.**

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	54·6	54·3	53·8	32·3	24·5	26·9	30·6	26·1	76	62	85	20·0	20·3	21·3	0	0	0	Calm	0	NW	9	NW	3	0·0	1·4
2	54·4	53·7	53·4	32·5	24·5	27·5	29·1	25·8	75	59	72	20·4	17·9	17·7	0	0	0	W	5	NW	28	NNW	16	0·0	4·0
3	52·4	52·3	52·6	30·3	24·5	25·9	28·1	25·1	72	65	72	17·6	18·3	17·0	0	0	0	WNW	19	NW	26	NNW	22	0·0	3·0
4	52·4	52·2	52·7	31·4	24·3	26·8	30·8	26·0	72	61	84	18·9	20·4	20·9	2	0	0	W	8	WNW	9	WNW	5	0·0	1·2
5	52·8	52·7	52·7	32·2	24·5	26·9	30·8	25·7	80	66	78	21·0	21·8	19·0	7	0	7	W	4	WNW	7	W	9	0·0	2·2
6	53·5	53·7	53·8	31·2	24·5	27·4	28·7	25·7	67	62	77	18·2	18·1	18·9	3	5	0	W	6	WNW	9	NW	8	0·0	3·4
7	54·7	55·0	55·3	30·3	25·0	25·9	27·9	25·1	56	64	62	13·8	17·9	14·6	0	3	0	NNW	10	NNW	10	NW	7	0·0	3·0
8	56·1	56·4	56·2	31·8	21·8	25·7	29·1	25·0	70	57	64	17·2	17·1	15·0	3	3	0	Calm	0	N	2	Calm	0	0·0	2·5
9	56·7	57·0	57·0	31·7	23·4	27·4	29·7	25·1	60	61	77	16·3	18·9	18·3	4	7	0	Calm	0	NW	15	WNW	10	0·0	3·7
10	56·0	55·5	56·4	29·8	24·8	26·8	28·0	25·8	68	69	63	17·6	19·5	15·4	1	0	0	NW	17	NW	15	NNW	12	0·0	4·9
11	55·4	55·3	55·8	29·8	23·9	25·5	27·3	25·6	79	75	83	19·2	20·3	20·2	4	0	0	Calm	0	NNW	5	Calm	0	0·0	2·0
12	55·1	55·0	55·0	30·3	23·6	25·0	27·9	24·9	84	66	85	19·7	18·4	19·9	3	0	0	Calm	0	WNW	2	Calm	0	0·0	2·0
13	55·6	55·2	55·4	30·3	24·0	25·0	27·1	25·7	87	77	82	20·4	20·5	20·0	3	0	0	Calm	0	N	6	NW	5	0·0	2·9
14	55·4	54·9	54·7	31·9	24·8	27·0	29·0	26·4	78	70	76	20·7	20·9	19·4	0	0	0	Calm	0	WNW	16	NNW	8	0·0	3·0
15	54·9	55·2	54·8	32·3	24·8	27·2	28·9	25·2	63	73	84	22·4	21·8	19·9	7	3	6	Calm	0	WNW	8	Calm	0	0·0	2·0
16	55·2	55·0	55·3	31·8	24·4	26·7	29·2	26·0	80	70	79	20·7	21·1	19·8	4	0	0	Calm	0	NW	12	NNW	7	0·0	2·2
17	54·8	54·7	54·6	31·9	25·0	26·7	30·0	25·9	79	70	81	20·5	22·3	20·1	0	0	4	NW	2	NNW	5	NNW	9	0·0	2·5
18	54·3	54·2	54·5	31·3	24·5	27·0	29·1	26·0	69	65	76	18·4	19·6	19·0	6	3	0	Calm	0	WNW	8	WNW	2	0·0	2·7
19	55·0	55·5	55·6	32·4	24·8	27·6	29·0	26·6	80	77	82	21·7	22·9	21·2	0	0	0	Calm	0	WNW	17	Calm	0	0·0	2·3
20	55·1	55·0	55·9	33·1	22·7	26·8	28·8	25·9	78	73	81	20·5	21·4	20·1	0	0	0	Calm	0	NNW	2	N	3	0·0	1·7
21	56·7	56·1	56·6	31·2	25·3	26·9	28·9	26·0	64	58	64	16·6	17·0	15·9	0	0	0	NNW	4	NW	12	NNW	11	0·0	4·0
22	55·6	56·0	56·0	32·1	25·1	26·4	27·9	25·9	65	63	70	16·6	17·5	17·3	0	0	0	NNW	10	NNW	4	Calm	0	0·0	3·0
23	55·4	55·9	57·1	34·4	21·7	25·2	28·7	26·1	69	66	68	16·3	19·3	17·1	0	0	0	Calm	0	Calm	0	Calm	0	0·0	2·8
24	56·9	55·8	57·4	34·1	21·8	25·8	30·1	26·4	74	61	75	18·2	19·4	19·2	0	0	0	Calm	0	NE	4	NE	2	0·0	3·0
25	56·4	55·7	55·1	31·3	23·8	27·3	29·9	26·7	75	66	72	20·3	20·7	18·6	0	0	0	Calm	0	N	6	NNE	12	0·0	2·0
26	54·5	54·1	54·6	31·5	25·3	27·0	29·0	25·8	86	73	85	22·7	21·7	21·1	3	0	3	NW	13	NNW	19	NNW	20	0·0	2·8
27	55·1	55·2	55·6	30·2	24·8	25·8	28·1	25·9	71	60	69	17·5	16·8	17·1	5	0	4	NNW	11	NNW	16	NNW	12	0·0	2·8
28	56·2	55·6	56·1	29·8	24·3	26·0	28·4	25·4	70	61	73	17·4	17·6	17·6	5	4	3	N	3	NNW	10	NNW	11	0·0	3·4
29	56·1	56·5	56·6	29·8	24·5	26·0	28·1	25·6	68	61	63	17·0	17·2	15·3	5	5	3	NNW	9	NNW	20	NNW	22	0·0	4·1
30	55·1	55·2	55·4	29·2	24·2	25·3	27·0	25·0	69	64	66	16·4	16·9	15·5	3	4	4	NNW	16	NNW	21	NNW	16	0·0	4·1
31	55·9	55·9	56·2	31·3	23·8	26·2	28·1	25·0	68	65	83	17·2	18·1	19·5	0	0	3	NNW	3	NNW	12	NNW	4	0·0	2·2
Month	55·13	54·99	55·23	31·4	24·2	26·4	28·8	25·7	73	66	75	18·8	19·4	18·4	2·2	1·2	1·2	—	4·5	—	10·8	—	7·6	0·0	2·80

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.

September 1915

Date	Standard Pressure (mm.) 8 h.	14 h.	20 h.	AIR TEMPERATURE (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct.	Vel.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
	700 +																								
1	56·1	55·7	57·4	31·3	23·6	25·5	28·0	24·4	75	71	81	18·0	19·9	18·4	9	0	0	Calm	0	WNW	5	N	5	0·0	1·8
2	56·9	56·7	56·4	31·3	23·5	25·1	28·0	25·0	85	71	84	20·2	19·9	19·8	10	0	0	Calm	0	NW	10	Calm	1	0·0	1·5
3	56·6	56·8	57·7	30·3	22·1	26·2	28·9	25·8	82	65	79	20·6	19·2	19·5	0	0	0	Calm	0	NE	2	Calm	1	0·0	1·8
4	58·1	57·6	57·8	29·9	23·9	26·3	28·1	25·1	69	65	82	17·6	18·1	19·4	0	0	0	Calm	2	NE	4	N	4	0·0	2·3
5	57·0	56·3	56·3	31·5	24·4	26·9	29·0	26·7	80	71	80	21·0	21·3	20·7	0	0	0	N	2	NNW	8	NNW	1	0·0	2·2
6	55·4	54·9	55·9	31·3	25·6	27·4	28·0	25·1	70	71	92	19·1	20·1	21·7	0	0	0	NW	6	NNW	16	NW	11	0·0	3·3
7	56·6	56·3	57·1	29·7	24·8	25·9	27·2	24·9	67	59	67	16·7	15·9	15·6	0	0	0	NW	8	NNW	19	NNW	17	0·0	5·0
8	57·5	57·2	58·5	28·4	24·2	25·1	26·7	24·9	71	63	66	16·9	16·2	13·9	3	0	0	NNW	16	NNW	14	NNW	20	0·0	6·0
9	58·2	57·3	57·0	28·4	23·2	24·1	25·7	23·7	60	32	63	13·4	7·9	13·8	1	2	4	NNW	18	NNW	30	NNW	20	0·0	5·2
10	56·3	55·7	55·2	28·5	22·2	23·2	26·0	23·4	66	57	62	13·0	14·0	13·2	5	4	2	NNW	15	WNW	22	NNW	24	0·0	4·8
11	55·7	55·4	56·2	29·5	22·4	23·6	25·2	24·1	62	57	62	13·4	13·5	13·7	6	0	0	NNW	19	NNW	16	Calm	0	0·0	3·2
12	56·5	56·3	56·8	29·7	22·3	24·2	26·4	23·9	66	61	71	14·8	15·5	15·5	0	0	0	Calm	0	NW	9	Calm	0	0·0	2·3
13	57·5	57·9	58·5	33·5	20·7	22·9	27·9	24·9	73	60	70	15·1	16·6	16·4	0	0	0	Calm	0	N	2	Calm	0	0·0	2·7
14	58·3	58·3	58·5	29·8	21·7	26·0	27·8	24·2	75	68	83	18·7	18·9	18·7	0	0	7	Calm	0	N	2	NE	2	0·0	2·0
15	58·4	58·7	58·6	30·9	23·0	25·1	27·4	24·4	74	62	60	17·4	16·7	13·7	3	4	4	Calm	0	NW	16	N	15	0·0	3·8
16	58·6	57·9	58·5	28·2	22·6	24·2	25·1	22·9	54	55	63	12·0	12·8	13·0	3	3	1	N	16	NNW	18	NNW	11	0·0	4·5
17	58·1	57·8	57·8	28·2	21·9	23·4	26·7	23·6	53	53	59	11·4	13·6	12·7	6	4	3	N	4	W	16	Calm	0	0·0	3·0
18	58·2	57·4	58·1	30·4	19·6	23·4	24·8	22·8	65	68	67	14·0	15·6	13·8	7	7	0	Calm	1	WNW	23	NW	2	Drops	3·3
19	58·9	59·6	60·0	27·2	21·6	23·6	24·9	23·0	61	57	67	13·0	13·2	14·1	5	3	0	NW	17	NNW	26	NNW	14	0·0	3·4
20	60·5	60·3	60·8	29·3	22·0	23·7	27·0	25·2	71	66	74	15·3	17·5	17·5	6	3	4	Calm	1	NNE	12	WNW	7	0·0	2·3
21	60·5	59·7	60·2	29·3	20·3	25·2	26·0	23·7	61	62	75	14·4	15·4	16·3	7	0	6	Calm	0	WNW	16	N	18	0·0	2·4
22	59·6	58·4	58·4	27·6	22·3	23·6	25·8	23·7	77	66	79	16·6	16·2	17·0	5	2	3	NNW	5	NNW	17	NNW	19	0·0	2·4
23	57·8	57·8	58·6	27·1	22·4	23·7	24·8	22·1	67	61	69	14·6	14·1	13·6	0	0	0	NNW	6	NNW	25	NNW	30	0·0	4·0
24	59·4	59·6	60·2	26·1	20·6	21·7	23·8	21·0	59	55	63	11·3	12·0	11·5	6	4	7	NNW	22	NNW	24	NNW	20	0·0	4·4
25	61·2	61·1	61·2	26·2	20·4	21·7	24·0	20·3	57	55	58	10·9	12·2	10·3	7	7	7	NNW	11	N	17	N	15	0·0	3·4
26	61·2	60·5	60·9	25·2	20·1	21·3	22·9	21·3	56	54	62	10·4	11·1	11·6	6	4	8	N	10	NNW	7	NNW	19	0·0	3·5
27	61·1	60·6	60·7	26·1	20·1	22·4	23·3	21·2	64	60	74	12·8	12·7	13·9	7	3	3	NNW	4	N	18	NNE	3	0·0	2·1
28	59·8	58·4	58·1	27·2	18·7	23·8	25·1	22·4	73	64	69	15·9	15·1	13·8	3	0	1	Calm	0	NNE	4	NNE	3	0·0	2·0
29	57·5	56·8	56·9	28·8	19·8	22·6	25·1	22·8	78	69	80	16·0	16·3	16·5	7	0	0	Calm	0	N	10	N	2	0·0	1·3
30	57·5	57·4	57·9	28·6	20·1	23·0	25·7	23·0	86	72	78	17·8	17·6	16·2	3	0	0	Calm	0	N	7	NNE	2	0·0	1·5
Month	58·17	57·81	58·21	29·0	22·0	24·2	26·2	23·6	69	62	71	15·4	15·6	15·5	3·8	1·7	2·0	—	6·1	—	13·8	—	9·5	Drops	3·05

Remarks:—2 ≋ 1^h–8^h.—3 ≋ 8^h–10^{30}.—18 ≋ 2^h–8^h, ●° 13^{50}–13^{58}.—30 ◺ ≋ 6^{25}–8^h.

$C_h = + 2·8$ mm.

October 1915.

Date	Standard Pressure (mm.) 8 h.	14 h.	20 h.	AIR TEMPERATURE (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct.	Vel.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	58·6	57·7	58·8	28·8	21·2	24·6	25·9	23·7	77	65	79	17·7	16·0	17·0	0	0	0	Calm	0	N	9	N	2	0·0	1·8
2	59·0	58·1	58·4	29·5	21·7	24·0	28·7	23·9	79	60	73	17·4	17·4	16·0	0	0	0	Calm	0	NNW	9	N	7	0·0	1·8
3	58·5	58·1	58·6	30·3	21·4	25·2	26·6	23·2	80	74	81	19·0	19·2	17·1	0	0	0	Calm	0	NNW	15	N	2	0·0	2·0
4	59·3	58·8	59·6	28·4	21·4	23·8	26·7	24·4	79	56	66	17·3	14·3	14·9	0	0	6	Calm	0	NW	10	NNW	10	0·0	1·7
5	59·9	59·3	59·8	27·4	21·7	23·6	25·8	22·9	84	73	91	18·1	17·8	18·7	3	4	2	Calm	0	NNW	10	N	3	0·0	1·4
6	59·2	58·5	59·2	28·2	22·2	24·0	25·8	24·6	86	79	80	19·2	19·3	18·4	0	0	0	NW	4	NNE	27	NW	5	0·0	1·8
7	59·5	58·8	59·8	29·2	22·9	25·0	26·7	23·8	74	71	78	17·5	18·4	16·9	0	0	0	Calm	0	NNE	7	NNW	2	0·0	1·5
8	59·1	57·7	57·3	29·8	22·2	25·7	27·8	24·1	75	51	76	18·3	14·1	16·9	0	0	0	Calm	0	Calm	0	Calm	0	0·0	2·3
9	56·0	55·3	55·7	29·8	20·6	24·3	26·6	23·7	81	74	88	18·2	19·0	19·2	0	0	0	Calm	0	N	2	Calm	0	0·0	1·3
10	56·2	56·0	57·4	28·3	20·7	24·2	25·9	23·0	84	71	79	18·8	17·4	16·6	8	7	5	Calm	0	WNW	19	NW	13	0·0	2·9
11	59·4	59·3	60·4	27·3	21·9	23·1	24·1	22·7	61	66	68	12·7	14·7	13·9	1	3	2	NNW	5	N	12	N	2	0·0	3·0
12	61·2	60·6	61·2	28·2	21·7	23·6	24·8	23·0	75	64	78	16·0	14·8	16·4	7	4	8	NNW	3	NNW	10	NNW	5	0·0	3·2
13	61·2	60·4	60·6	26·2	22·1	22·9	23·7	21·8	60	55	53	12·5	11·9	10·3	6	4	4	NW	14	NW	19	N	22	0·0	4·0
14	60·1	59·6	60·1	26·3	19·9	21·7	23·9	21·0	59	48	57	11·3	10·5	10·5	7	4	3	NW	7	NNW	16	N	10	0·0	3·0
15	60·3	60·1	60·8	25·3	19·9	22·1	23·0	21·0	65	55	65	12·8	11·4	11·8	7	3	3	N	2	NNW	13	Calm	0	0·0	2·3
16	61·5	61·3	62·0	25·3	18·8	23·8	23·8	21·8	60	62	70	12·9	13·6	13·5	0	4	2	Calm	0	NNE	2	Calm	0	0·0	2·6
17	61·9	60·9	61·4	26·2	20·2	22·8	24·8	22·0	69	64	73	14·2	15·0	14·3	9	0	0	Calm	0	NNE	4	NNE	4	0·0	1·5
18	60·4	58·8	59·0	26·4	19·9	24·8	25·0	22·3	70	72	84	16·3	16·9	16·8	0	0	0	Calm	0	N	2	Calm	0	0·0	1·5
19	58·4	57·1	57·4	29·3	18·0	19·6	26·2	22·7	100	69	61	17·0	17·4	18·5	10	9	2	Calm	0	Calm	0	Calm	0	0·0	1·0
20	58·0	56·9	58·4	28·5	18·9	24·0	25·7	22·8	79	73	83	17·5	17·9	17·2	10	2	9	Calm	0	N	2	N	2	0·0	2·0
21	59·6	59·4	60·1	27·6	21·3	23·9	25·0	22·1	75	68	72	16·5	15·9	14·3	7	5	2	Calm	0	N	7	N	2	0·0	1·7
22	59·0	58·3	58·7	28·8	19·1	20·8	25·4	22·0	83	68	80	15·1	16·3	15·7	1	9	3	Calm	0	Calm	0	Calm	0	0·0	1·5
23	58·7	58·1	60·2	28·3	19·0	20·5	27·0	22·0	97	50	69	15·6	13·3	13·5	10	4	2	SSW	3	WNW	21	NW	15	0·0	2·6
24	61·0	60·5	61·4	28·3	19·9	22·6	25·8	21·8	66	54	68	13·3	13·3	13·2	3	3	4	Calm	0	NW	11	NW	9	0·0	3·0
25	62·8	62·6	63·1	25·7	20·1	22·8	24·0	20·9	61	61	69	12·6	13·6	12·7	5	4	3	Calm	0	N	3	N	1	0·0	3·2
26	63·4	61·6	63·0	24·7	19·3	21·3	22·7	20·8	73	71	86	13·7	14·6	15·6	0	0	0	NNE	1	NNE	6	NNE	2	0·0	2·8
27	62·6	60·7	60·9	26·3	18·5	22·1	24·2	21·9	87	91	95	17·1	20·3	18·4	9	1	0	Calm	0	NE	7	ENE	6	0·0	1·7
28	60·7	59·4	60·0	29·3	21·2	23·9	25·6	22·6	91	86	95	20·1	21·3	19·5	1	0	0	NE	9	NNE	4	ENE	6	0·0	1·5
29	59·7	57·7	58·2	31·3	21·1	25·0	28·0	23·8	83	72	80	19·5	20·5	17·5	0	0	0	Calm	0	NE	5	E	6	0·0	2·7
30	59·0	58·6	59·6	36·1	18·3	21·5	29·2	23·4	67	42	83	12·7	12·8	17·7	0	0	0	S	4	WNW	10	Calm	0	0·0	2·5
31	60·8	60·5	61·3	25·4	20·9	22·5	23·6	22·4	92	87	82	18·5	18·9	16·4	8	3	7	NNE	10	NNW	15	NNW	12	0·0	2·4
Month	59·84	59·04	59·75	28·1	20·5	23·2	25·6	22·6	76	66	77	16·1	16·1	15·8	3·6	2·4	2·2	—	2·0	—	8·9	—	4·8	0·0	2·20

Remarks:—19 ≋ ◺ 3^{40}–9^{45}.—20 ≋ ◺ 4^{20}–10^h.—27 ◺ 0^h–5^h.—29 ≋ 5^{10}–8^h.

ALEXANDRIA (Kôm el Nadûra).

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

$C_h = + 2·8$ mm.

November 1915.

Date	Standard Pressure (mm.) 8 h. (700 +)	14 h. (700 +)	20 h. (700 +)	AIR TEMPERATURE (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	WIND DIRECTION AND VELOCITY (kilometres per hour) 8 h. Direct.	Vel.	14 h. Direct.	Vel.	20 h. Direct.	Vel.	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	62·3	61·5	62·5	26·2	21·4	22·3	24·0	21·8	63	54	68	12·6	12·0	13·2	0	2	3	N	10	NNW	9	Calm	0	Drops	2·8
2	63·4	62·3	63·1	26·2	20·1	21·5	23·7	20·9	63	56	60	12·0	12.0	11·0	7	2	5	N	2	N	4	Calm	0	0·0	2·9
3	63·5	61·9	62·6	25·7	19·6	23·0	23·7	21·1	53	57	64	11·1	12·3	11·8	9	6	7	Calm	0	NE	2	NE	1	0·0	2·4
4	62·4	62·0	63·0	26·2	20·0	22·4	23·0	20·5	63	60	69	12·5	12·5	12·3	9	7	7	Calm	0	N	8	Calm	0	0·0	2·0
5	63·4	62·4	63·3	26·4	18·1	21·3	24·6	20·2	69	58	83	13·0	13·4	14·5	3	3	2	Calm	0	NNW	5	Calm	0	0·0	1·5
6	62·4	61·3	61·4	27·2	16·8	21·7	24·5	21·8	63	60	68	12·2	13·6	13·2	3	4	4	NW	10	NW	6	NW	5	0·0	2·0
7	60·5	59·5	59·3	27·2	19·7	23·4	24·0	19·8	59	60	76	12·5	13·3	13·0	6	8	4	W	11	WNW	6	Calm	0	0·0	1·8
8	58·6	57·6	59·0	27·2	16·1	18·7	25·5	20·0	82	58	83	13·1	14·0	14·5	0	0	4	Calm	0	Calm	0	Calm	0	0·0	1·2
9	60·5	60·3	61·3	27·3	18·7	21·6	25·9	20·2	75	63	83	14·3	15·5	14·5	3	3	0	Calm	0	W	9	Calm	0	0·0	2·0
10	62·2	61·8	62·3	27·3	16·4	19·1	26·7	21·8	75	61	93	12·4	15·7	18·0	0	2	0	SW	5	W	6	Calm	0	0·0	2·3
11	62·4	60·8	61·0	31·8	18·0	20·7	30·8	24·0	66	32	56	11·9	10·6	12·3	0	2	0	Calm	0	Calm	0	Calm	0	0·0	4·0
12	59·7	58·2	60·2	29·8	19·2	21·9	25·1	22·0	69	69	77	13·4	16·1	15·2	7	9	4	Calm	0	WNW	18	NNW	8	0·0	3·2
13	61·8	61·0	62·1	25·2	19·8	21·1	22·8	20·1	77	54	64	14·3	11·0	11·2	8	3	8	N	6	N	4	Calm	0	0·0	2·5
14	63·1	61·7	63·1	25·8	16·3	18·3	22·1	19·7	74	64	74	11·7	12·7	12·6	1	1	0	Calm	0	Calm	1	Calm	0	0·0	2·8
15	62·7	61·3	62·5	25·0	16·6	21·3	22·3	20·3	74	59	67	13·8	11·8	11 9	5	3	7	Calm	0	Calm	0	Calm	0	0·0	1·8
16	62·9	61·7	62·3	25·7	18·9	20·5	22·1	20·1	64	63	66	11·5	12·4	11·5	9	9	7	Calm	0	N	3	Calm	2	0 0	2·0
17	62·4	61·2	62·1	25·7	19·4	21·3	22·8	20·7	72	62	68	13·5	12·7	12·3	1	1	1	Calm	0	N	2	N	2	0·0	2·0
18	63·4	63·0	64·1	25·2	17·1	20·9	23·0	19·7	69	53	74	12·7	11·1	12·6	1	0	0	Calm	0	Calm	0	Calm	0	0·0	1·5
19	64·1	62·5	63·1	25·2	18·6	21·2	22·7	20·5	71	70	70	13·2	14·2	12·5	5	6	6	Calm	0	NE	4	ENE	7	0·0	2·2
20	62·1	60·7	61·2	25·2	19·2	22·1	23·2	20·8	71	71	78	14·0	14·9	14·3	3	1	6	ENE	7	NE	7	Calm	0	0·0	2·0
21	61·0	59·9	60·3	25·8	20·2	21·7	23·8	21·1	74	69	75	14·2	15·1	13·9	4	4	5	ENE	2	N	8	NNE	6	0·0	2·0
22	61·5	59·9	60·0	25·2	19·7	21·4	22·7	20·0	72	64	72	13·6	13·1	12·4	5	6	3	Calm	0	NNE	5	Calm	0	0·0	2·0
23	59·7	58·1	58·4	27·2	16·2	19·7	22·8	18·9	79	63	78	13·4	12·9	12·6	0	2	0	Calm	0	NNW	2	Calm	0	0·0	2·0
24	56·5	53·7	54·3	27·2	14·1	16·4	25·6	20·1	86	45	72	12·0	10·9	12·5	3	0	0	Calm	0	W	7	W	37	Drops	3·3
25	55·5	54·1	55·4	22·6	13·5	15·6	21·0	18·9	60	56	72	8·0	10·3	11·6	1	3	3	SW	12	WSW	28	W	32	5·0	2·9
26	57·5	57·0	58·0	23·1	15·3	16·1	21·9	19·1	96	61	62	13·1	11·9	10·2	10	4	0	SW	5	WSW	12	Calm	0	0·0	2·3
27	59·1	57·7	57·2	23·5	12·4	15·4	22·7	18·8	59	40	45	7·6	8·1	7·2	0	3	0	Calm	0	WSW	19	SW	6	0·0	4·3
28	56·7	55·3	56·6	23·2	14·0	16·0	21·8	19·9	48	39	58	6·5	7·6	10·1	0	0	4	SW	18	SW	28	W	25	Drops	5·0
29	56·1	55·8	58·9	17 2	15·4	16·2	16·7	14·0	71	65	69	9·8	9·2	8·2	10	9	4	W	47	W	57	NW	28	8·0	2·7
30	62·7	63·0	65·1	15·2	9·4	12·1	14·8	14·0	79	63	68	8·3	7·9	8·1	10	4	5	W	34	NW	24	NW	35	1·0	2·8
Month	61·00	59·91	60·79	25·4	17·3	19·8	23·2	20·0	70	58	70	12·1	12·3	12·3	4·1	3·6	3·3	—	5·6	—	9·5	—	6·5	14·0	2·47

Remarks:—1 ●° 21^{12}–21^{20}.—2 ●° 6^{20}–6^{25}.—8 ≋ ☽ 17^{03}–24^{h}.—9 ≋ ☽ 0^{h}–6^{15}.—10 ≋ ☽ 0^{h}–7^{h}, 18^{h}–24^{h}.—11 ≋ ☽ 0^{h}–6^{h}, ≋ 6^{h}–8^{h}.—12 8^{h}–12^{40}.—23 ≋ ☽ 2^{h}–8^{h}.—24 ≋ ☽ 2^{h}–8^{h}.—25 ●° 1^{15}–1^{20}, 1^{25}–1^{30}, 15^{20}–15^{30}, 15^{55}–16^{h}, ●² 18^{55}–19^{03}, 21^{35}–21^{45}.—26 ●° 3^{10}–3^{18}, 7^{3}–8^{h}, ●² 7^{h}–7^{30}.—28 ∞ 10^{h}–13^{h}.—29 ●° 0^{15}–0^{27}, 0^{40}–0^{50}, 1^{h}–1^{05}, 1^{45}–2^{h}, 7^{h}–8^{h}, 8^{30}–8^{35}, ● 9^{30}–10^{h}, 10^{10}–17^{45}.—30 ●° 0^{10}–0^{15}, 1^{35}–2^{05}, 8^{50}–9^{h}, 11^{h}–11^{05}, 11^{30}–11^{40}, ●² 3^{h}–4^{40}, 7^{40}–8^{h}, 8^{10}–8^{15}, ⌒ 7^{30}, ● 15^{30}–15^{36}.

$C_h = + 2·9$ mm.

December 1915.

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	65·4	64·7	65·8	20·2	9·8	14·8	16·8	16·1	68	66	70	8·5	9·4	9·5	7	10	6	NW	16	NW	13	NNW	7	0·0	2·3
2	66·0	65·9	67·3	21·2	9·3	16·6	19·0	15·8	71	64	79	10·1	10·5	10·5	10	6	9	Calm	0	Calm	0	Calm	0	Drops	1·4
3	67·2	65·9	66·9	23·2	11·5	13·8	20·7	15·9	78	50	63	9·1	8·9	8·5	1	0	0	Calm	0	Calm	0	Calm	0	0·0	1·5
4	65·9	64·5	64·9	22·2	12·5	16·8	19·1	16·3	63	60	73	9·0	9·9	10·1	0	5	1	Calm	0	Calm	0	Calm	0	0 0	1·5
5	64·6	63·5	64·1	22·2	15·5	19·5	19·8	17·8	63	64	71	10·7	11·1	10·0	6	4	2	Calm	0	Calm	0	Calm	0	0·0	1·2
6	64·4	63·3	64·1	22·6	13·8	16·8	20·1	17·2	77	65	77	11·0	11·3	11·2	0	0	0	Calm	0	Calm	0	Calm	0	0·0	1·2
7	64·4	63·1	63·8	22·8	13·4	15·8	20·2	17·1	83	63	72	11·1	11·1	10·4	0	2	0	Calm	0	Calm	0	Calm	0	0·0	1·0
8	63·5	61·8	63·0	23·1	14·0	16·5	21·3	16·1	83	63	85	11·6	11·8	11·6	1	2	2	Calm	0	Calm	0	Calm	0	0·0	1·0
9	63·6	62·7	63·5	22·2	14·0	16·2	20·0	17·2	75	66	77	10·3	11·4	11·2	1	9	9	Calm	0	Calm	0	Calm	0	0·0	1·0
10	64·7	64·1	65·1	23·1	14·8	17·2	20·3	16·9	81	62	71	11·8	10·9	10·1	8	1	0	Calm	0	Calm	0	Calm	0	0·0	1·0
11	66·0	65·4	66·1	23·5	14·2	17·7	20·2	17·9	80	63	71	12·1	11·1	10·8	3	1	2	Calm	0	Calm	0	Calm	0	0·0	1·0
12	65·9	64·6	64·9	23·6	14·1	16·4	19·9	18·0	83	62	73	11·6	10·7	11·2	3	5	9	Calm	0	Calm	0	Calm	0	0·0	1·5
13	63·6	62·2	61·9	23·4	14·8	17·8	20·8	18·0	76	60	72	11·6	10·9	11·0	1	3	0	Calm	0	Calm	0	Calm	0	0·0	1·8
14	63·6	62·9	64·1	22·7	15·2	18·7	20·1	18·1	67	62	72	10·7	10·9	11·1	3	4	0	Calm	0	Calm	0	Calm	0	0·0	1·3
15	64·0	62·6	63·5	23·4	15·6	18·6	19·7	17·0	75	64	74	11·9	11·0	10·6	7	10	9	Calm	0	Calm	0	Calm	0	0·0	1·4
16	62·3	61·8	63·3	23·1	15·8	18·5	21·0	19·1	78	68	81	12·3	12·6	13·3	7	10	10	Calm	0	Calm	0	Calm	0	0·0	1·3
17	64·1	63·4	64·5	23·8	12·6	18·9	20·0	18·3	76	81	80	12·4	14·1	12·4	8	10	10	Calm	0	Calm	0	Calm	0	0·0	1·2
18	63·5	62·4	63·3	23·1	17·6	19·7	20·7	18·9	70	69	82	11·9	12·5	13·3	8	8	6	Calm	2	NE	3	ENE	3	0·0	1·5
19	63·2	62·1	63·3	22·2	12·4	19·2	20·5	17·2	72	67	76	11·9	12·0	11·1	3	0	0	ENE	3	NE	2	Calm	0	0·0	1.3
20	63·1	61·2	61·8	23·6	14·1	17·2	22·0	15·9	70	57	80	10·2	11·2	10·7	0	0	4	Calm	0	ENE	3	Calm	0	0·0	1·8
21	60·6	59·2	60·6	23 7	14·8	17·2	20·6	17·9	86	71	85	12·5	12·8	13·0	10	6	0	Calm	0	Calm	0	Calm	0	0·0	1·0
22	59·5	58·4	57 7	24·2	12·7	15·6	20·0	17·8	94	75	92	12·5	13·0	13·9	7	0	0	Calm	0	Calm	0	Calm	0	0·0	1·3
23	55·8	55·5	52·4	29 5	15·1	17·7	28·8	22·7	68	42	48	10·2	12·2	9·9	9	4	6	Calm	0	SSW	6	SSW	13	Drops	5·2
24	56·0	57·8	59·2	23·2	15·8	16·5	18·9	17·2	82	60	58	11·5	9·8	8·5	9	5	0	W	—	W	26	W	23	2 0	2·0
25	62·1	62·1	63·8	19·9	12·7	14·0	17·5	16·9	92	72	69	10·8	10·8	9·8	10	8	0	Calm	0	WSW	1	Calm	0	7·0	1·8
26	65·7	65·1	66·4	21·1	11·1	17·4	18·8	17·4	54	56	61	8·0	9·0	9·0	4	4	4	NW	3	NW	6	Calm	0	Drops	2·0
27	65·9	64·3	64·2	20·3	13·5	15·2	19·2	17·8	81	72	65	10·4	11·9	9·9	9	10	10	Calm	0	W	3	W	22	1·0	2·0
28	63·7	63·7	64·6	19·6	14·8	17·3	18·9	16·9	56	53	53	8·3	8·7	7·5	3	3	3	NNW	13	N	17	N	9	0·0	3·7
29	65·5	64·8	65·9	22·1	16·0	17·2	19·8	17·1	56	66	71	8·2	11·4	10·3	7	6	2	Calm	0	Calm	0	Calm	0	0·0	2·0
30	65·7	64·8	65·1	22·6	16·5	18·7	20·3	18·1	67	53	63	10·7	9·3	9·7	9	9	8	W	2	Calm	0	Calm	0	0 0	1·8
31	65·7	64·4	65·3	23·2	16·6	17·4	19·4	17·7	78	61	72	11·5	10·3	10·9	9	8	9	Calm	0	Calm	0	Calm	0	0·0	1·8
Month	63·74	62·75	63·56	22·7	14·0	17·1	20·1	17·5	74	63	72	10·8	11·0	10·7	5·3	4·9	3·9	—	1·3	—	2·6	—	2·5	10·0	1·67

Remarks:—6 ☽ 0^{30}–8^{h}.—7 ☽ 2^{h}–8^{h}.—8 ☽ 0^{30}–8^{h}.—9 ≋ ☽ 0^{h}–7^{h}.—10 ≋ ☽ 0^{h}–8^{h}.—11 ≋ ☽ 0^{h}–10^{h}.—12 ≋ ☽ 0^{h}–10^{h}.—13 ≋, 2^{30}–10^{20}, < 19^{h}–20^{30}.—15 ≈ 2^{h}–9^{45}.—22 ≋ ☽ 0^{h}–10^{30}.—23 ≈ ☽ 0^{h}–10^{h}.—24 ⊤ ●° 1^{10}–1^{20}.—25 ●° 5^{45}–5^{50}, 6^{h}–6^{15}, W 7^{05}, 10^{30}, E 14^{10}, ●² 7^{30}–8^{h}, 8^{15}–8^{20}, 12^{50}–13^{10}, 18^{45}–18^{55}, ● 14^{05}–14^{10}, 14^{55}–15^{h}.—26 ●° 16^{20}–16^{22}.—27 ●° 9^{55}–10^{10}, ●² 10^{15}–10^{30}.

KHARTOUM (Gordon College).

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

$C_h = + 32·8$ mm.

January 1915.

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	28·5	26·4	27·9	28·4	16·4	18·2	27·9	23·8	27	27	21	4·2	7·5	4·5	0	3	1	N	4	N	3	N	3	0·0	15·6
2	28·5	26·1	26·7	29·4	15·3	17·5	28·4	24·2	21	28	35	3·2	7·9	8·1	1	5	0	N	3	NNE	2	Calm	0	0·0	11·0
3	27·7	25·1	26·5	31·6	16·0	19·2	30·7	24·3	35	20	26	5·8	6·7	5·9	1	1	1	NNE	2	Calm	0	N	1	0·0	11·9
4	28·3	25·9	27·6	29·6	15·4	17·8	29·3	23·2	42	14	27	6·4	4·4	5·6	0	3	0	N	2	NNE	1	N	1	0·0	12·2
5	28·5	25·8	26·4	32·4	14·8	18·3	31·7	25·5	39	20	28	6·0	7·1	6·6	0	0	0	NNE	1	NE	1	NNE	1	0·0	10·5
6	26·3	23·4	24·7	36·2	16·8	20·3	34·5	27·1	38	17	20	6·7	7·0	5·3	0	0	0	NNE	1	Calm	0	Calm	0	0·0	10·6
7	26·6	24·6	26·7	33·5	19·0	22·5	33·1	23·3	34	12	24	6·9	4·7	4·9	0	0	0	N	2	N	1	NNW	4	0·0	18·4
8	30·4	28·2	30·7	24·1	15·2	16·4	23·3	19·6	24	6	11	3·3	1·3	1·8	10	3	0	N	5	NNE	5	NNW	4	0·0	19·4
9	31·7	28·9	29·6	22·8	11·8	13·9	22·0	17·1	20	16	31	3·5	3·1	4·5	0	0	0	NNE	4	NNE	3	NNE	2	0·0	14·3
10	30·5	27·8	28·4	25·5	10·0	13·0	24·8	21·0	30	18	31	3·3	4·3	5·9	0	5	0	NNE	4	NNE	3	N	2	0·0	11·7
11	29·1	26·6	28·0	27·6	10·1	14·0	26·8	20·5	32	19	25	3·8	5·0	4·4	1	0	0	NNE	2	NNE	2	N	1	0·0	12·1
12	29·0	26·9	28·2	27·5	12·6	15·1	26·5	21·2	40	16	14	5·0	4·0	2·8	0	0	0	NNE	3	NNE	2	NNW	2	0·0	13·9
13	27·8	24·9	25·5	28·4	11·6	15·9	27·7	22·9	40	17	25	5·3	4·7	5·1	0	0	0	NNE	2	N	1	N	1	0·0	12·0
14	27·2	24·5	25·6	31·6	14·6	17·1	30·1	23·8	35	24	30	5·0	7·5	6·5	0	0	0	NNW	1	Calm	0	NW	1	0·0	10·3
15	27·6	26·0	27·9	28·4	14·2	17·4	27·8	21·2	29	13	15	4·2	3·5	2·9	0	0	0	NNW	3	NNW	3	NNW	2	0·0	15·5
16	29·6	27·9	29·1	25·5	12·9	15·0	24·4	19·0	18	7	12	2·2	1·6	2·0	0	0	0	N	4	NNE	3	N	3	0·0	15·5
17	29·8	27·9	28·5	28·2	12·0	14·8	26·8	23·1	17	24	34	2·0	6·2	7·2	0	0	0	NNE	3	NNE	2	N	2	0·0	11·2
18	28·5	26·0	27·3	32·6	14·8	17·6	32·3	25·5	49	27	38	7·3	9·7	9·1	0	4	0	NNE	2	NE	2	N	1	0·0	11·0
19	28·1	24·8	25·5	35·0	16·7	19·1	34·5	27·5	44	18	31	7·2	7·3	8·3	0	0	0	NNE	3	NNE	2	N	2	0·0	12·1
20	26·2	23·3	24·1	35·1	18·4	20·5	34·7	27·9	51	20	27	9·1	8·2	7·5	0	0	0	NNE	2	NE	2	NNE	1	0·0	11·4
21	24·4	21·8	22·6	33·8	17·4	21·3	32·7	28·0	55	17	23	10·3	6·4	6·5	0	0	0	NE	2	NE	2	N	2	0·0	12·4
22	23·8	21·2	21·5	38·8	17·3	20·8	37·1	31·1	59	10	15	10·8	4·8	5·1	0	0	0	NNW	2	Calm	0	NNE	1	0·0	14·2
23	23·9	22·0	22·2	38·0	18·5	21·6	37·3	28·6	47	8	13	9·1	3·6	3·9	0	5	3	NNE	3	NE	3	Calm	0	0·0	15·1
24	25·1	22·4	23·5	37·7	18·5	22·5	37·0	30·0	33	11	21	6·6	5·2	6·6	0	0	0	NE	2	NNE	1	N	1	0·0	13·7
25	24·4	22·4	23·6	36·1	18·9	21·3	35·8	28·8	40	14	22	7·5	6·2	6·5	0	0	0	N	2	NE	1	Calm	0	0·0	13·2
26	24·8	22·3	22·4	36·4	18·1	21·6	35·8	28·5	44	12	19	8·4	5·1	5·5	0	0	0	N	2	NE	2	N	1	0·0	15·2
27	24·0	21·6	22·7	36·8	19·2	22·2	35·1	29·4	41	24	27	8·0	10·0	8·2	0	0	0	NE	2	Calm	0	Calm	0	0·0	10·9
28	24·9	22·7	23·4	38·5	19·5	22·0	37·7	29·5	40	9	24	7·9	4·4	7·4	0	0	0	Calm	0	NE	2	NNE	1	0·0	14·8
29	25·2	22·8	23·3	37·8	19·6	22·9	36·6	30·7	49	17	20	10·1	7·9	6·8	0	0	0	ENE	2	NE	2	NNE	1	0·0	14·6
30	24·1	21·8	22·1	37·0	20·6	23·5	36·6	30·2	47	14	22	10·1	6·7	7·0	0	0	0	N	3	NE	3	NE	3	0·0	15·5
31	24·0	21·8	23·1	38·0	20·9	24·2	37·3	29·7	44	10	15	9·9	4·7	4·6	0	0	0	NE	3	NE	4	NNE	3	0·0	18·6
Month	27·05	24·64	25·65	32·3	16·0	19·0	31·5	25·4	38	16	23	6·4	5·7	5·7	0·4	0·9	0·2	—	2·5	—	1·9	—	1·5	0·0	13·51

Remarks:—

$C_h = + 32·8$ mm.

February 1915.

Date	8 h.	14 h.	20 h.	Max.	Min.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h. Direct.	Force	14 h. Direct.	Force	20 h. Direct.	Force	Rain (mm.)	Evaporation (mm.)
1	24·6	22·1	22·6	35·7	19·6	22·3	35·1	29·0	36	2	9	7·1	0·8	2·7	0	3	0	Calm	0	NE	3	NE	1	0·0	17·9
2	23·3	20·9	21·2	37·1	14·8	20·3	35·8	28·1	34	8	18	6·1	3·5	5·0	0	3	0	Calm	0	ENE	1	NNE	2	0·0	13·2
3	23·5	20·5	21·7	39·8	17·6	21·8	39·3	28·7	29	9	26	5·6	4·9	7·6	0	0	0	Calm	0	SW	3	Calm	0	0·0	13·0
4	25·7	23·7	24·9	32·0	19·9	21·0	31·0	26·8	33	17	21	6·2	5·9	5·5	0	3	0	NNW	3	NNW	3	NNW	3	0·0	16·1
5	27·0	25·1	25·8	30·8	17·0	18·3	29·7	24·5	17	15	15	2·7	4·7	3·5	0	2	0	NNW	5	NNW	3	NW	3	0·0	18·5
6	27·4	24·5	25·2	31·5	17·6	19·5	30·1	26·5	15	26	16	2·5	8·1	3·9	3	4	0	N	3	N	3	NNW	3	0·0	18·9
7	26·6	23·9	24·7	32·3	18·5	21·5	31·2	26·7	15	27	20	2·9	9·0	5·0	0	0	0	N	3	N	2	NNW	3	0·0	15·3
8	25·9	25·4	24·2	33·5	18·2	21·6	32·7	28·5	14	24	31	2·7	8·8	9·1	0	0	0	N	2	Calm	0	N	1	0·0	11·0
9	26·3	24·1	25·8	33·4	20·2	22·6	32·5	26·8	25	14	19	5·1	4·9	5·0	0	0	0	N	4	N	3	NNW	4	0·0	22·8
10	28·3	25·9	27·0	29·5	17·6	18·8	28·4	24·9	27	21	15	4·5	5·8	3·4	1	0	0	NNW	5	NNE	3	NNW	4	0·0	18·4
11	28·4	26·0	26·1	31·1	16·0	18·5	29·9	25·9	22	29	32	3·4	9·2	7·9	0	0	0	N	5	NNE	3	NNE	3	0·0	14·8
12	27·0	24·7	25·0	31·6	16·4	19·2	30·7	29·0	38	17	21	6·2	5·9	5·2	0	0	0	NNE	4	NE	3	N	1	0·0	14·0
13	25·6	23·0	23·9	34·3	14·9	19·0	32·7	27·3	33	14	27	5·5	5·3	7·2	1	2	0	N	3	NE	2	N	1	0·0	12·9
14	25·4	23·6	24·6	35·4	16·8	22·5	33·9	27·8	34	11	19	6·9	4·2	5·3	0	0	0	NNE	2	NNW	2	N	1	0·0	14·8
15	25·9	24·5	26·0	33·4	19·1	22·4	32·9	26·3	25	10	22	4·9	3·6	5·5	0	0	0	NNW	3	NNE	3	N	1	0·0	18·0
16	27·7	25·5	25·7	32·4	16·4	20·1	31·4	25·4	25	6	12	4·3	2·1	3·0	4	3	0	NNE	3	NNE	3	NNW	1	0·0	17·4
17	26·0	22·9	23·7	34·6	14·8	18·8	33·9	26·7	18	12	23	3·0	4·7	6·0	0	0	0	NNW	1	NNW	1	Calm	0	0·0	16·1
18	25·9	23·6	25·0	34·0	17·1	21·1	32·9	26·4	13	12	15	2·5	4·5	3·7	0	0	0	N	3	NNW	2	N	1	0·0	19·6
19	27·8	26·3	28·6	28·1	16·9	19·2	27·5	22·3	23	8	11	3·7	2·2	2·2	0	0	0	N	5	N	5	N	2	0·0	22·3
20	29·2	26·8	26·6	28·2	13·7	16·3	26·9	22·8	26	8	11	3·6	2·0	2·3	0	0	0	NNE	5	NNE	4	N	2	0·0	16·1
21	27·2	25·5	26·3	31·0	15·2	17·8	29·5	27·3	25	17	23	3·9	5·3	6·2	0	0	0	NNE	3	NNW	3	N	1	0·0	12·9
22	26·5	24·4	25·4	31·5	15·4	19·8	30·7	24·8	33	8	15	5·7	2·7	3·5	0	0	0	N	3	N	3	N	1	0·0	15·8
23	26·6	24·1	24·4	33·4	16·1	19·8	32·7	26·5	26	10	18	4·5	3·8	4·4	0	0	0	N	3	N	1	N	1	0·0	16·4
24	25·5	23·2	23·7	34·9	16·6	21·5	34·0	28·9	23	10	15	4·4	3·9	4·5	0	0	0	NNE	3	NNE	2	N	1	0·0	15·8
25	24·9	22·7	23·5	34·7	17·4	22·3	33·9	27·3	24	8	15	4·7	3·0	4·0	0	0	0	NNE	2	NNW	3	N	1	0·0	15·0
26	25·2	23·1	23·7	34·2	15·9	21·8	33·5	27·4	23	7	14	4·5	2·8	3·8	2	1	0	N	2	Calm	0	N	2	0·0	15·5
27	24·7	22·5	23·1	36·4	17·1	22·8	35·8	26·1	20	8	19	4·1	3·7	5·3	0	0	0	N	2	N	1	Calm	0	0·0	14·0
28	24·9	22·9	24·4	37·7	18·1	24·9	36·2	31·2	25	9	14	5·8	4·1	4·9	0	8	8	N	1	N	2	N	1	0·0	15·9
Month	26·18	23·98	24·74	33·3	17·0	20·5	32·3	26·7	25	13	18	4·5	4·6	4·8	0·4	1·0	0·3	—	2·8	—	2·4	—	1·6	0·0	16·16

Remarks:—1 ∞ *m.*—2 ∞ *m.*—3 ∞ *m.*—4 ∞.—19 ☔.

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.

March 1915.

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

Remarks:—

$C_h = +32·0$ mm.

April 1915.

Date	8 h.	14 h.	20 h.	Max.	Min.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h. Direct.	Force	14 h. Direct.	Force	20 h. Direct.	Force	Rain	Evaporation
1	25·3	23·4	23·4	39·9	21·4	28·7	39·4	33·3	8	2	5	2·2	1·2	1·9	0	0	0	NNE	4	NNE	4	NNE	4	0·0	27·2
2	25·1	22·5	23·5	36·7	21·2	26·0	36·0	27·8	6	1	6	1·5	0·6	1·6	0	0	0	NNE	5	NNE	6	N	3	0·0	26·8
3	25·4	22·6	22·5	36·2	17·4	25·3	35·6	29·5	6	3	7	1·4	1·4	2·2	1	0	0	NNE	4	NNE	3	NNE	1	0·0	20·7
4	24·7	22·4	22·1	37·7	18·2	25·3	37·2	30·0	7	2	9	1·7	0·9	2·8	0	0	0	NE	2	NE	2	Calm	0	0·0	17·1
5	23·1	21·3	21·2	41·6	19·5	26·7	40·9	32·5	7	3	8	1·9	1·5	3·0	0	0	0	NE	2	N	1	Calm	0	0·0	14·8
6	22·6	20·2	20·1	44·0	17·4	28·1	42·4	35·0	12	2	5	3·3	1·6	2·2	0	0	0	Calm	0	N	1	N	1	0·0	20·3
7	23·5	21·3	22·2	42·8	23·3	28·3	41·8	34·2	13	4	8	3·6	2·6	3·3	0	0	0	NNE	3	NE	2	NNW	2	0·0	27·7
8	25·3	23·3	23·5	39·0	24·6	27·9	38·4	33·1	11	5	9	3·1	2·7	3·5	0	3	0	NNE	4	NNE	4	N	4	0·0	29·7
9	24·7	23·1	23·6	36·4	21·7	25·8	35·2	30·3	16	5	10	3·8	2·0	3·3	1	3	0	NNE	5	NNE	3	N	2	0·0	20·9
10	25·8	22·9	23·0	36·4	17·5	25·1	35·4	29·1	11	4	11	2·6	1·5	3·4	0	0	0	NNE	3	N	3	N	1	0·0	21·6
11	24·8	22·4	22·5	38·6	20·4	27·7	37·6	31·9	8	4	7	2·2	2·0	2·4	0	0	0	NNE	2	NNE	3	N	1	0·0	21·6
12	23·7	21·5	21·7	38·7	22·6	29·2	38·2	32·2	10	5	13	3·2	2·5	4·7	0	0	0	NE	6	NNE	4	NNE	3	0·0	26·8
13	22·9	20·4	21·6	40·3	21·9	28·9	39·8	33·7	13	4	11	3·8	2·3	4·2	0	0	0	NE	2	NNE	2	NNE	1	0·0	20·1
14	23·1	21·0	21·2	41·3	23·8	29·3	41·0	34·1	15	5	15	4·6	2·7	6·3	0	0	0	NE	2	NNE	1	Calm	0	0·0	18·2
15	23·6	21·2	21·2	43·4	23·6	29·5	42·2	36·6	19	14	18	5·9	8·6	8·4	0	0	0	Calm	0	ENE	2	N	2	0·0	19·9
16	23·3	21·2	20·9	42·0	27·8	33·0	41·6	36·4	37	17	18	13·8	9·9	8·5	0	0	0	NE	4	NE	3	NE	2	0·0	23·6
17	23·4	21·0	20·6	40·0	26·4	31·1	39·0	34·1	27	13	21	8·9	7·0	8·2	0	0	0	NE	4	NE	4	NE	2	0·0	27·2
18	22·8	20·7	20·9	39·3	23·4	30·3	38·2	31·7	11	4	5	3·6	2·2	1·8	0	0	0	N	4	NE	2	N	2	0·0	23·5
19	23·1	21·4	21·3	39·7	21·7	28·1	38·8	33·0	7	8	11	2·1	4·0	4·0	0	0	0	NNE	3	Calm	0	Calm	0	0·0	21·3
20	23·7	22·3	21·8	38·8	21·5	29·1	38·2	32·7	7	5	7	2·0	2·4	2·7	0	0	0	NE	3	NNE	1	N	1	0·0	23·0
21	24·1	22·1	22·0	38·4	21·9	30·9	38·0	31·8	8	6	10	2·7	3·0	3·4	0	0	0	NE	3	NE	2	NNE	2	0·0	22·6
22	22·7	20·8	21·3	39·3	22·1	29·9	38·5	32·2	11	6	8	3·6	3·0	2·9	0	0	0	NE	2	NNW	3	NW	3	0·0	25·0
23	24·7	21·9	22·4	37·0	22·7	26·7	36·3	30·7	13	6	7	3·4	2·8	2·4	0	0	0	NNE	3	N	3	NNE	2	0·0	23·4
24	25·5	22·2	23·0	37·5	20·4	27·5	36·3	31·7	7	6	8	2·0	2·8	2·9	0	0	0	NNE	4	NE	3	NNE	2	0·0	22·2
25	24·3	21·8	21·9	39·2	20·2	28·7	38·8	32·0	8	6	11	2·3	3·0	4·0	0	0	0	NE	3	NE	2	NNE	2	0·0	21·7
26	23·5	20·5	20·7	40·3	22·2	28·7	30·4	33·9	14	7	8	4·1	3·7	3·3	0	0	0	NE	3	NNE	2	NNE	2	0·0	24·7
27	22·8	20·6	20·7	41·4	23·9	30·7	39·4	35·0	20	8	8	6·8	4·2	3·4	0	0	0	NE	4	ENE	4	Calm	0	0·0	23·7
28	23·6	21·0	20·6	41·4	26·2	32·7	40·4	35·0	29	13	14	10·8	7·5	5·8	0	0	0	ENE	3	E	3	Calm	0	0·0	20·2
29	23·7	21·5	21·6	42·6	25·1	33·9	41·4	33·4	33	12	28	12·9	6·9	10·9	0	4	0	E	3	ENE	2	Calm	0	0·0	17·9
30	24·5	21·8	21·4	42·2	27·5	31·7	41·8	35·9	38	12	13	13·1	7·4	6·0	0	0	0	SW	5	NNE	1	Calm	0	0·0	18·6
Month	23·98	21·68	21·81	39·7	22·2	28·8	38·9	32·8	14	6	11	4·6	3·5	4·1	0·1	0·3	0·0	—	3·2	—	2·5	—	1·5	0·0	22·33

Remarks:—2 ∞.—16 < SP.

KHARTOUM (Gordon College).

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

$C_h = +31{\cdot}4$ mm.

May 1915.

Date	Standard Pressure (mm.) 8 h.	14 h.	20 h.	AIR TEMPERATURE (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	WIND DIRECTION AND FORCE (0-10) 8 h. Direct.	Force	14 h. Direct.	Force	20 h. Direct.	Force	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
	700 +																								
1	23·7	21·3	20·8	42·4	29·7	34·4	41·5	36·6	27	14	14	11·0	8·1	6·7	0	5	0	ESE	4	ESE	2	NNE	2	0·0	20·5
2	23·9	21·0	21·5	41·7	27·5	32·7	40·6	35·1	19	10	14	7·1	5·8	5·9	0	0	0	E	5	NE	3	NNE	2	0·0	24·3
3	24·6	22·1	21·8	40·0	27·0	31·3	39·3	34·7	19	11	18	6·3	5·9	7·7	7	6	0	NE	3	NNE	2	NNE	2	0·0	27·2
4	25·7	23·3	23 5	38·7	23 3	29·5	37 1	31·5	7	6	8	2 0	2·6	2·9	0	3	0	NE	3	N	2	NNW	1	0·0	23·4
5	26·3	23·8	23·8	38·8	21·5	27·1	37·0	31·2	7	5	11	1·9	2·4	3·6	9	5	4	NNE	1	N	2	NW	2	0·0	20·1
6	25·6	23·0	23·0	39·4	22·4	27·7	38·8	32·2	12	5	8	3·2	2·5	3·0	1	1	0	NNE	2	W	1	NNW	1	0·0	20·8
7	25·3	23·1	23·1	39·3	22·9	27·9	38·4	31·7	10	3	8	2·9	1·6	2·6	1	1	0	N	3	Calm	0	N	2	0·0	22·0
8	25·1	23·3	23·4	38·7	22·6	26·9	35·8	29·9	8	3	15	2·1	1·4	4·9	3	7	0	N	3	N	2	Calm	0	0·0	18·3
9	24·8	22·6	23·0	39·0	22·6	27·7	37·2	31·7	9	5	11	2·4	2·4	3·8	0	0	0	N	3	Calm	0	N	2	0·0	20·7
10	24·1	22·1	21·9	39·8	23·6	29·5	38·0	32·9	8	5	10	2·4	2·7	3·8	0	0	0	NNE	4	NNE	2	NNW	1	0·0	22·8
11	23·7	21·5	21·7	41·4	24·4	29·4	39·3	33·6	6	3	7	1·8	1·6	2·8	0	0	0	NE	3	Calm	0	NW	1	0·0	21·3
12	23·3	21·5	21·9	42·0	24·2	30·5	40·6	33·4	8	5	11	2·5	3·0	4·2	0	0	0	N	3	Calm	0	N	1	0·0	21·8
13	23·1	21·4	21·8	43·8	25·5	33·0	43·1	33·3	4	5	12	1·7	3·3	4·6	0	0	0	N	3	Calm	0	Calm	0	0·0	20·7
14	23·4	21·7	21·6	44·7	22·9	32·2	44·0	33·7	9	4	14	3·2	2·6	5·3	0	0	0	Calm	0	Calm	0	Calm	0	0·0	18·1
15	24·0	21·8	21·8	44·7	24·2	33·5	42·8	34·5	6	3	10	2·4	2·1	3·9	0	0	0	NNE	1	NNW	1	Calm	0	0·0	19·7
16	24·4	22·5	22·6	42·5	24·7	32·0	41·6	36·0	8	6	10	2 9	3·7	4·2	0	0	0	N	4	NNW	3	NNW	3	0·0	27·8
17	25·2	23·9	23·8	40·2	25·8	30·9	38·8	33·7	9	4	8	3·0	2·2	3·3	0	0	0	N	4	N	3	N	2	0·0	24·5
18	25·3	22·9	23·1	38·8	23·2	30·7	38·4	33·2	11	7	12	3·7	3·5	4·7	0	0	0	NE	2	NNE	3	Calm	0	0·0	22·0
19	25·5	23·3	23·0	40·8	24·1	31·9	39·8	33·3	15	4	10	5·2	2·0	3·8	0	0	0	NE	2	NE	2	N	1	0·0	20·4
20	24·5	21·7	21·9	43·2	23·5	34·5	41·9	36·5	3	4	6	1·2	2·2	3·0	0	0	0	E	4	ENE	3	ENE	1	0·0	24·2
21	23·3	20·8	21·5	44·7	25·8	36·2	43·8	36·3	4	3	8	1·6	2·0	3·4	0	0	0	ESE	4	E	2	Calm	0	0·0	23·5
22	22·7	20·0	20·0	46·1	25·5	36·6	45·8	36·8	5	3	8	2·4	2·3	3·7	0	0	0	E	3	Calm	0	NE	1	0·0	25·0
23	22·1	19·7	19·7	44·2	26 4	34·1	43·2	35·6	8	3	9	3·1	2·2	4·0	0	0	0	NNE	4	N	4	N	1	0·0	27·3
24	21·3	20·0	20.5	43·7	25·5	31·5	42·5	36·0	8	7	9	2·6	4·5	3·9	0	0	0	NNE	4	Calm	0	NE	2	0·0	23·8
25	22·8	21·1	21·2	42·7	25 1	32·4	41·8	35·8	8	3	10	2·8	1·9	4·3	0	1	2	NE	4	NE	3	N	2	0·0	25·8
26	24·1	21·7	21·7	43·4	24·4	30·4	42·4	34·4	18	5	12	5·8	3·2	4·7	7	1	5	Calm	0	NW	1	Calm	0	0·0	16·7
27	22·7	20·5	20·0	43·8	25·8	32·5	43·2	34·4	29	7	16	10·7	4·7	6·7	1	0	0	S	2	Calm	0	Calm	0	0·0	15·3
28	21·1	19·2	19·8	46·4	27·3	37·6	46·0	37·3	12	10	17	6·0	7·2	8·0	5	8	9	Calm	0	E	1	SW	2	Drops	19·4
29	23·2	21·2	21·0	43·8	29·6	34·4	42·8	35·9	33	13	15	13·3	8·6	6·6	1	7	4	SSW	4	SSW	3	Calm	0	0·0	15·3
30	23·0	20·8	20·0	44·3	28·0	35·6	43·3	39·6	24	13	11	10·4	8·3	5·9	2	5	4	SSW	5	Calm	0	Calm	0	0·0	18·2
31	21·6	19·7	21·7	44·5	30·2	36·0	43·4	27·8	27	12	56	11·8	8·0	15·4	3	4	10	WNW	3	SW	2	S	6	8·6	14·7
Month	23·85	21·69	21·81	42·2	25·1	32·0	41·0	34·1	12	6	13	4·5	3·7	4·9	1·3	1·7	1·2	—	2·9	—	1·5	—	1·2	8·6	21·47

Remarks:—28 ●° 14^{40}, ∞.—29 < EP.—31 ●° 16^{30}, 18^{h}, 21^{30}, SE ⚲ NE 18^{h}, < E 22^{h}.

$C_h = +31{\cdot}7$ mm.

June 1915.

Date	8 h.	14 h.	20 h.	Max.	Min.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h. Direct.	Force	14 h. Direct.	Force	20 h. Direct.	Force	Rain (mm.)	Evaporation (mm.)
1	23·6	21·3	20·9	40·7	24·7	30·4	38·4	34·4	50	23	28	16·1	11·9	11·3	7	1	2	E	1	W	1	Calm	0	0·0	13·5
2	23·5	21·7	20·7	39·7	26·8	29·9	37·8	32·7	47	25	45	14·8	12·5	16·4	10	9	0	SSE	3	NW	2	Calm	0	0·0	10·7
3	22·9	21·7	21·3	41·4	28·8	33·3	39·8	36·1	35	17	25	13·4	9·6	10·8	10	10	6	SW	3	Calm	0	SSW	3	0·0	16·1
4	24·7	22·3	22·2	39·0	27·6	30·5	38·1	33·9	48	27	33	15·5	13·3	12·9	10	10	0	S	6	SW	3	SW	1	0·0	13·2
5	23·1	21·1	20·9	43·4	28·8	33·3	40·6	30·4	39	20	53	14·5	11·5	17·1	3	3	0	Calm	0	Calm	0	SSW	3	1·8	12·2
6	23·3	21·5	21·2	40·7	24·6	30·1	39·1	34·3	43	17	30	13·6	9·3	11·9	5	7	2	Calm	0	SSW	3	WSW	2	0·0	13·3
7	23·2	20·7	20·8	43·4	30·0	32·9	42·8	37·6	33	13	17	12·4	8·2	8·1	9	0	4	S	5	WNW	2	E	4	0·0	19·2
8	22·4	20·8	21·0	44·9	31·7	36·5	43·4	34·7	21	15	32	9·8	10·1	13·1	1	5	10	SSE	3	Calm	0	N	2	0·2	15·1
9	23·6	21·9	21·4	39·1	26·2	27·9	37·0	34·0	60	28	32	16·8	13·0	12·8	10	10	0	SSE	4	SSW	4	SSW	4	0·0	15·4
10	24·3	21·7	20·9	39·7	25·7	29·2	38·0	35·0	53	26	26	16·0	13·0	10·6	0	0	0	SSW	6	SW	3	S	1	0·0	14·9
11	24·0	21·7	22·0	37·5	27·4	30·9	35·9	33·1	44	32	35	14·7	14·1	13·2	9	10	0	SSW	5	SSW	4	SSW	4	0·0	16·0
12	25·6	23·7	23·0	38·3	27·4	28 8	37·2	33·7	51	29	28	14·9	13·8	11·0	9	3	0	SSW	6	SW	4	SSW	1	0·0	14·2
13	24·9	22·7	23·9	41·1	26·0	33·0	40·2	27·1	40	22	58	14·9	12·3	15·5	4	5	10	WSW	3	Calm	0	SE	4	4·8	10·7
14	25·7	25·0	24·2	39·8	21·9	26·5	38·2	34·2	70	26	33	18·0	13·2	13·4	8	0	0	WNW	3	Calm	0	SSW	4	0·0	11·7
15	26·0	24·0	22·6	42·5	26·5	32·0	40·8	36·8	45	21	21	16·1	11·9	9·6	0	0	0	W	3	WSW	3	SW	1	0·0	18·6
16	25·9	24·3	23·2	40·6	25·3	29·4	39·9	34·9	45	17	24	13·7	9·9	9·8	1	0	0	WSW	3	SW	5	SSW	3	0·0	18·2
17	25·0	22·9	22·4	42·0	26·8	30·4	40·8	36·8	44	22	25	14·1	12·7	11·8	0	0	0	SSW	6	WSW	3	Calm	0	0·0	16·9
18	24·8	22·8	22·0	43·1	27·5	31·0	41·8	37·8	39	22	24	13·1	13·5	11·9	9	0	0	SW	2	Calm	0	Calm	0	0·0	14·9
19	24·0	21·1	19·9	44·4	28·0	33·7	42·5	38·3	30	14	12	11·9	9·0	6·3	0	0	0	SW	2	NNW	2	NE	1	0·0	21·0
20	21·9	19·9	19·3	44·0	30·5	35·1	42·5	37·4	10	5	9	4·1	3·0	4·1	0	0	0	NNE	3	N	3	Calm	0	0·0	27·8
21	23·4	21·8	22·3	40·8	27·3	30·4	38·4	35·5	45	23	24	14·5	11·9	10·3	0	0	0	SW	7	SW	3	SE	1	0·0	16·5
22	24·8	22·4	22·6	42·5	28·2	33·1	40·5	35·5	35	20	20	13·0	11·5	8·5	1	0	6	SSW	4	SW	3	NE	2	Drops	16·1
23	24·3	22·3	22·2	42·0	27·7	31·5	40·8	31·5	42	19	43	14·4	10·8	14·7	7	0	7	SSW	4	W	2	SSW	4	0·8	16·1
24	22·6	21·1	20·4	44·7	29·3	33·8	42·8	35·3	21	6	22	8·3	3·8	9·5	0	8	0	WNW	3	NNE	2	Calm	0	0·0	22·8
25	24·4	22·1	22·1	41·4	26·2	30·1	39·8	36·2	40	18	22	12·7	10·3	10·0	0	0	0	SW	5	W	3	SSW	1	0·0	17·6
26	23·5	22·0	21·7	43·0	28·4	33·1	41·4	36·8	34	12	13	12·6	7·1	5 9	10	10	0	WSW	2	NE	2	NW	2	0·0	19·4
27	24 8	22·7	21·7	41·8	25·3	29·9	40·5	36·0	47	16	13	14·6	9·1	5·9	0	0	4	SW	5	NW	3	NE	2	0·0	19·3
28	23·3	21·8	21·4	41·8	28·4	32·2	40·8	36.6	14	8	12	5·3	4·5	5·4	5	10	0	N	2	Calm	0	Calm	0	0·0	17·4
29	24·4	22·4	22·2	41·2	25·8	31·5	40·3	34·4	47	16	21	16·0	9·2	8·5	0	0	0	S	5	SSW	2	W	1	0·0	15·6
30	25·0	23·1	22·6	41·8	27·4	31·5	40·3	34·0	42	16	27	14·4	8·8	10·7	0	5	0	SW	5	SSW	3	Calm	0	0·0	15·5
Month	24·10	22·15	21·77	41·5	27·3	31·4	40·0	34·8	40	19	27	13·5	10·4	10·7	4·3	3·5	1·7	—	3·6	—	2·2	—	1·7	7·6	16·33

Remarks :—1 ∞^{2} 20^{10}.—5 ●° 17^{h}, ∞ S 17^{30}.—8 ●° 16^{30}, 19^{15}-22^{15}.—10 < SEP.—13 ∞ 15^{h}, 17^{15}, ●° 17^{30}, ⚲ ●° 22^{h}, <.—16 ∞^{2} 0^{h}, ∞.—18 ∞ 0^{h}.—20 ∞ 23^{30}.—21 ∞ a.—22 ∞° 18^{h}, ●° 18^{30}.—23 ∞ 18^{15}, ●° 19^{45}.—25 ∞^{2} 0^{30}.—26 ∞ 2^{30}.

KHARTOUM (Gordon College).

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

C_h = + 32·2 mm. **July 1915.**

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	25·0	23·3	22·3	40·5	27·0	30·9	39·1	35·2	41	24	23	13·5	12·6	9·8	9	4	0	SSW	3	WNW	3	SSW	1	0·0	15·9
2	23·1	20·6	19·9	43·4	28·0	32·5	42·4	35·3	36	21	27	13·0	13·1	11·5	3	0	0	SSW	3	Calm	0	Calm	0	0·0	15·6
3	22·5	20·6	20·0	42·5	28·4	33·9	41·2	36·5	33	17	26	12·9	9·9	11·8	0	7	0	SW	5	WSW	4	SSW	2	0·0	24·8
4	23·4	21·6	21·5	39·0	26·2	32·7	38·2	34·1	39	23	29	14·2	11·3	11·5	10	10	0	WSW	4	WNW	3	WNW	1	0·0	15·7
5	23·0	20·5	20·1	43·2	27·0	32·1	42·3	35·8	41	10	20	14·5	6·5	8 9	0	1	2	SSW	5	W	3	S	1	0·0	17·9
6	22·8	21·4	21·8	40·6	26·8	29·5	38·8	34·5	49	20	27	14·9	10·4	11·1	7	7	0	SW	5	WSW	3	W	1	0·0	15·8
7	22·5	21·6	21·9	42·4	29·5	32·1	40·5	32·3	39	20	34	14·0	11·1	12·2	10	4	4	SW	4	W	2	S	4	2·0	13·4
8	23·8	22·2	22·7	39·2	22·1	25·7	38·0	31·8	74	23	39	18·1	11·8	13·4	10	9	2	Calm	0	W	2	S	4	0·0	11·7
9	24·1	22·1	22·1	40·6	25·7	33·2	38·8	34·5	39	20	28	14·4	10·6	11·4	0	8	8	W	3	W	1	SSW	2	0·0	15·1
10	24·1	22·7	22·1	40·0	28·0	31·7	39·2	34·9	42	22	29	14·6	11·8	12·3	0	0	0	W	3	WSW	3	SW	3	Drops	16·7
11	23·7	22·8	23·1	42·2	26·3	30·3	41·4	33·1	49	20	36	15·8	11·5	13·6	7	4	10	SSW	4	Calm	0	SSW	6	Drops	14·6
12	24·3	22·8	21·9	41·2	23·6	29·0	39·0	37·0	45	22	22	13·4	11·8	10·6	5	7	4	SSW	4	Calm	0	SSW	1	0·0	16·0
13	22·9	22·0	21·7	40·7	29·0	32·9	39·5	33·7	16	17	26	6·1	9·6	10·2	0	0	0	NNW	1	SSW	6	SSW	3	0·0	10·0
14	24·5	23·3	23·4	39·0	27·8	30 4	37·2	32·4	53	27	39	17·1	12·9	14·2	0	8	0	SSE	4	S	4	SSW	4	0·0	15·2
15	24·6	23·1	23·0	39·3	25·5	30·5	37·5	29·5	47	25	51	15·3	12·1	15·8	2	9	0	S	4	Calm	0	SSW	2	0·8	10·6
16	24·9	23·0	23·6	40·2	25·7	30·3	38·8	24·8	49	24	77	15·6	12·5	17·9	0	8	10	W	3	NE	1	S	8	0·4	10·4
17	25·5	24·2	23·0	37·6	23·5	25·7	36·4	32·5	67	28	33	16·5	12·6	11·9	3	0	0	SW	5	WSW	2	W	2	0·0	13·1
18	23·9	22·0	21·7	41·6	24·4	28·7	37·6	38·6	57	18	21	16·6	8·8	11·1	0	4	9	SSW	4	NW	1	SSW	1	0·0	13·9
19	22·9	21·4	21·7	41·0	27·5	31·4	39·5	35·6	51	23	29	17·4	12·8	12·4	0	0	0	S	6	SSW	3	SSW	3	0·0	18·3
20	24·9	22·5	22·7	40·2	27·3	29·3	39·0	35·2	50	19	27	15·0	10·1	11·5	3	0	4	SW	5	SW	3	WSW	1	0·0	16·1
21	24·6	22·5	22·0	40·0	28·4	28·7	38·6	35·6	57	21	27	16·4	11·1	11·5	10	0	0	SSW	6	SW	5	SW	2	0·0	19·4
22	23·7	21·9	21·3	43·2	27·4	32·0	41·3	37·5	41	20	18	14·6	11·8	9·0	5	0	0	SW	4	WNW	3	SW	2	0·0	17·4
23	24·5	22·3	21·6	42·5	29·4	32·1	41·3	35·7	41	14	26	14·5	8·0	11·0	1	2	9	SW	5	SW	2	Calm	0	0·0	17·6
24	25·7	23·9	23·7	38·6	25·4	28·5	37·8	33·8	54	24	25	15·5	11·8	9·9	10	9	3	SW	4	WSW	3	S	3	0·0	15·0
25	25·1	23·4	22·2	40·5	25·5	29·0	38·8	33·8	54	22	42	16·1	11·9	16·3	0	0	0	S	4	WSW	1	Calm	0	0·0	14·9
26	24·0	22·7	22·1	41·8	29·0	31·2	40·5	36·2	46	17	21	15·6	9·8	9·7	0	0	0	SW	4	SSW	2	S	3	0·0	17·6
27	25·4	23·9	23·9	37·6	26·8	29·7	37·0	32·5	54	28	34	16·6	13·0	12·5	0	0	1	SSW	4	SW	4	SSW	4	0·0	17·6
28	25·6	24·7	23·1	38·5	23·8	28·5	37·8	34·2	58	26	29	16·8	12·7	11·6	0	1	1	S	4	SW	3	SW	2	0·0	16·9
29	24·5	23·0	22·7	38·2	27·4	29·8	37·4	32·2	56	15	33	17·4	7·2	12·0	1	3	0	S	4	SW	4	S	4	0·0	16·7
30	25·4	22·9	21·7	39·8	24·7	28·3	38·3	35·0	60	27	29	17·3	13·5	12·0	0	3	0	SW	4	NNW	2	S	1	0·0	14·7
31	24·3	22·0	22·6	41·1	27·8	30·7	39·3	26·8	47	24	68	15·4	12·9	17·6	7	8	8	SSW	4	W	4	SW	4	16·0	11·5
Month	24·17	22·48	22·16	40·5	26·6	30·4	39·1	33·9	48	21	32	15·1	11·2	12·1	3·3	3·7	2·4	—	3·9	—	2·5	—	2·4	19·2	15·78

Remarks:—3 ☌² 20³⁰.—7 ● ° 8ʰ, ☌ 16³⁰.—8 ● ° 3³⁰. < SP.—9 < SEP.—11 ☌ ● ° 3ʰ, ☌ 4¹⁰, ● ° P. -15 ● 15³⁰.—16 ● ° 18³⁰. P. ☈ P.—20 < SEP.—21 ☌.—23 ☌° 23ʰ.—28 < 20ʰ.—31 ● 15ʰ. ● ☈ 20ʰ.

C_h = + 32·2 mm. **August 1915.**

Date	8 h. (700 +)	14 h. (700 +)	20 h. (700 +)	Max.	Min.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h.	14 h.	20 h.	8 h. Direct.	Force	14 h. Direct.	Force	20 h. Direct.	Force	Rain (mm.)	Evaporation (mm.)
1	25·5	23·4	23·3	38·1	22·7	27·3	37·3	33·2	64	24	33	17·3	11·3	12·6	2	0	0	SW	3	SW	2	SW	1	0·0	14·5
2	25·0	23·5	23·3	39·3	24·3	28·8	37·8	28·8	63	30	53	18·7	14·4	15·5	0	3	0	SW	2	SW	2	SW	3	0·0	13·1
3	24·7	22·8	24·5	38·4	25·4	28·6	37·8	25·6	66	30	70	19·2	14·4	16·9	7	7	9	SSW	3	SSW	3	SW	5	Drops	12·3
4	25·3	23·3	23·2	34·8	23·4	27·2	32·5	30·7	62	46	46	16·6	16·7	15·0	10	10	0	S	5	SSW	5	SW	2	0·0	9·8
5	24·0	22·8	22·6	38·3	24·8	29·7	37·4	34·2	62	29	36	19·2	13·7	14·4	2	5	0	SW	2	SW	2	Calm	0	0 0	11·6
6	25·3	23·1	24·1	37·9	26·3	30·3	35·4	25·1	54	43	85	17·3	18·3	20·2	8	10	10	SW	1	SW	3	SSW	4	Drops	9·7
7	24·9	23·1	24·5	37·5	24·6	27·9	36·8	25·7	65	31	76	18·0	14·5	18·7	8	6	8	SW	3	SW	3	SW	4	15·5	11·4
8	26·8	24·2	24·6	39·2	19·7	22·4	38·2	29·0	83	29	65	16·6	14·4	19·3	10	5	0	WSW	4	SSE	3	SW	3	Drops	5·9
9	25·6	23·5	21·7	38·6	19·6	29·1	37·0	33·3	66	32	43	19·8	14·9	16·2	5	0	0	WSW	3	SW	1	SSE	1	0·0	9·4
10	22·3	20·7	21·6	41·5	25·0	28·5	40·0	32·7	43	10	40	12·2	5·3	14·7	0	0	0	NE	2	NE	1	Calm	0	0·0	17·7
11	22·9	21·5	22·1	40·5	26·8	31·2	39·3	34·4	56	22	37	18·9	11·8	15·0	0	3	0	Calm	0	W	3	SSW	1	0·0	12·7
12	23·2	22·3	22·3	39·2	23·6	30·2	35·8	34·2	51	37	32	16·1	15·9	12·9	1	2	0	S	5	SW	1	Calm	0	0·0	13·9
13	25·0	24·7	23·9	40·1	26·2	31·8	34·0	28·2	52	45	66	18·0	17·8	18·8	1	7	10	SW	1	SW	3	SW	5	30·0	9·9
14	24·5	23·7	24·5	33·6	21·8	25·9	27·1	27·4	72	75	74	17·8	19·9	20·1	10	10	0	SW	2	SW	2	SW	2	4·0	6·4
15	24·5	23·2	22·5	38·5	22·8	28·6	37·2	33·4	53	25	35	15·4	11·7	13·4	4	2	5	Calm	0	SW	2	SW	2	0·0	11·9
16	23·9	22·2	22·3	40·8	27·5	31·5	39·2	35·2	49	24	33	16·8	13·0	14·1	4	0	7	S	1	SSW	3	SSW	3	9·3	13·5
17	23·3	23·2	24·9	37·6	22·1	24·8	37·3	26·7	77	30	62	17·9	14·0	16·0	10	7	5	WSW	4	SSW	3	SW	3	0·0	7·9
18	27·6	23·9	24·7	35·7	22·4	25·2	33·8	30·8	71	34	43	16·8	13·5	14·2	3	8	2	SE	5	SW	4	SSW	3	0·0	11·1
19	25·5	23·1	22·2	39·4	24·4	28·6	38·2	33·7	62	25	38	18·0	12·4	14·5	2	0	10	SSW	2	SW	3	S	4	0·0	13·5
20	24·7	23·3	23·3	36·8	25·0	28·3	36·1	32·5	53	27	36	14·9	12·1	13·0	8	0	0	SW	5	SW	3	S	4	0·0	14·0
21	25·7	23·2	24·0	38·2	25·4	28·7	37·4	32·3	53	28	37	15·4	13·3	13·3	0	3	0	SW	3	SSW	3	S	3	0·0	12·7
22	23·9	22·3	21·9	41·0	27·0	30·7	39·8	35·9	49	20	28	16·0	11·3	12·4	0	1	7	SSW	3	Calm	0	Calm	0	0·0	14·3
23	23·2	22·8	22·0	39·2	27·1	29·1	38·3	33·2	51	23	37	15·1	11·6	14·0	4	5	0	SSW	6	SW	2	S	1	0·0	13·0
24	24·0	21·3	21·6	42·1	27·1	33·3	42·0	36·3	46	15	20	17·2	9·1	11·3	1	1	3	SW	1	W	1	SSW	1	0·0	16·2
25	23·8	22·9	22·5	42·5	28·8	31·9	40·7	33·9	44	18	35	15·6	10·2	13·8	3	0	0	SW	4	S	2	SW	2	0·0	17·0
26	21·6	19·8	20·2	41·5	29·4	32·7	40·6	33·8	45	21	33	16·6	11·8	12·9	10	8	10	SW	5	SW	2	SW	2	4·0	16·2
27	22·7	22·9	22·8	37·8	25·2	28·4	33·1	30·2	60	40	53	17·4	15·0	17·0	9	9	10	S	5	SSW	5	S	1	0·0	9·6
28	24·0	22·0	22·3	37·6	28·3	28·3	37·3	32·7	61	29	36	17·4	13·8	13·1	0	0	0	SSW	4	SW	4	S	1	0·0	14·3
29	23·1	21·4	21·7	40·7	27·7	31·3	39·8	32·8	49	23	46	16·5	13·0	17·1	5	10	—	W	3	NNW	3	SSW	6	0·0	14·0
30	24·1	22·3	22·8	35·6	24·6	25·8	34·0	30·7	67	33	44	16·4	13·2	14·3	—	—	0	S	8	WSW	5	W	3	0·0	18·3
31	25·1	23·5	23·7	36·1	24·2	26·2	35·6	31·2	73	34	43	18·4	14·4	14·5	5	10	0	SSW	3	SSW	4	S	3	0·0	11·7
Month	24·38	22·77	22·95	38·6	24·9	28·8	37·0	31·5	59	30	46	17·0	13·4	15·2	4·4	4·4	3·2	—	3·2	—	2·7	—	2·4	62·8	12·50

Remarks:—3 ☍ 17³⁰, < 19ʰ–20⁴⁵.—4 < 19³⁰-20³⁰.—7 ● *n*—22³⁰.—13 ● 19⁴⁵.—16 < NEP—0ʰ.—17 ☈ ● ° 1ʰ, ● ° 1ʰ–7ʰ.—19 < NEP.—28 < P.—29 ☍ SW 19³⁰–20³⁰.—30 ☌² 6ʰ–12—12ʰ.

KHARTOUM (Gordon College).

$\varphi = 15^\circ\ 36'\ 33''$ N. $\lambda = 32^\circ\ 33'$ E. H = 390·0 m. $h_t = 1{\cdot}8$ m. $h_r = 1{\cdot}2$ m.

$C_h = +32{\cdot}2$ mm.

September 1915.

Date	Standard Pressure (mm.) 8 h.	14 h.	20 h.	Air Temperature (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	Wind Direction and Force (0-10) 8 h. Direct.	Force	14 h. Direct.	Force	20 h. Direct.	Force	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
	700 +																								
1	24·5	22·6	22·3	39·1	25·5	29·1	38·2	35·3	61	24	31	18·3	12·3	13·1	3	0	0	SSW	3	S	1	SW	2	18·0	12·4
2	24·0	23·8	23·3	31·4	21·1	23·3	30·3	28·3	80	51	61	16·9	16·2	17·4	9	10	0	SSW	7	SW	3	SW	3	0·0	6·1
3	24·8	22·6	23·0	35·7	23·3	26·1	35·0	31·8	79	37	48	19·7	15·4	16·6	3	10	0	SSW	3	S	2	SSW	2	0·0	9·4
4	24·4	23·0	23·3	30·2	25·5	28·7	35·3	31·2	63	37	56	18·3	15·6	19·1	5	0	0	SSW	2	SSW	3	SSW	4	21·4	11·5
5	24·5	24·4	24·3	32·6	21·0	24·3	31·7	28·4	81	50	63	18·2	17·2	17·9	10	10	0	S	4	SSW	3	S	2	0·3	6·4
6	26·1	23·4	23·1	36·4	23·6	25·5	35·8	31·7	80	36	53	19·3	15·7	18·2	3	8	0	S	4	SW	2	SW	2	0·0	9·0
7	24·4	21·9	21·4	37·7	25·5	27·5	36·6	32·8	61	34	45	16·6	15·4	16·6	5	0	0	SSW	4	SW	3	SW	2	0·0	11·6
8	24·6	23·4	24·0	37·0	26·4	28·5	36·0	32·3	65	39	47	18·8	16·9	16·9	5	0	0	SSW	5	SSW	4	SW	3	34·9	11·4
9	26·2	23·2	24·1	32·6	20·5	23·0	30·3	28·2	90	57	70	18·7	18·3	19·8	7	7	0	SSE	3	SW	2	SE	2	0·0	5·1
10	24·3	22·1	22·4	36·7	22·8	27·5	35·8	31·3	71	35	54	19·4	15·1	18·5	0	0	0	S	3	S	1	Calm	0	0·0	7·3
11	23·6	21·7	21·9	38·4	26·3	29·9	37·0	31·4	57	35	47	18·0	16·1	15·9	7	5	5	SSE	1	W	1	S	3	0·0	9·9
12	24·9	23·1	23·9	36·0	24·1	26·7	35·3	30·9	68	31	48	17·7	13·1	15·8	5	3	0	S	5	WSW	3	SSE	2	0·0	10·8
13	25·1	23·3	23·3	38·0	25·4	28·7	36·8	33·0	62	31	41	17·9	14·5	15·5	0	0	0	S	4	SW	1	SSW	2	0·0	11·0
14	24·1	21·6	21·3	39·0	27·1	30·5	38·4	33·4	53	26	38	17·4	13·1	14·3	0	0	0	SSW	4	SSW	3	S	3	0·0	14·5
15	23·0	21·1	21·7	40·7	28·1	31·4	40·2	33·4	49	21	34	16·7	11·7	13.0	6	0	7	SSW	5	S	4	SSW	5	0·0	15·0
16	23·8	21·8	22·3	38·4	25·0	29·8	37·3	29·7	51	28	60	15·8	13·4	18·7	5	1	8	SSW	5	WSW	3	SE	2	2·8	11·6
17	24·2	21·4	22·2	39·4	26·3	29·5	38·8	30·5	58	22	45	17·6	11·9	14·4	0	4	7	SW	3	N	1	SSE	3	0·0	12·5
18	24·6	22·6	23·6	37·5	27·5	31·2	32·5	29·1	44	30	58	14·0	10·9	17·5	4	—	8	WSW	3	SSW	6	SSW	3	0·0	12·5
19	26·0	23·7	23·5	35·4	24·6	26·7	33·7	30·4	68	38	43	17·7	14·5	13·9	9	2	0	SW	3	SSW	3	SSE	3	0·0	9·9
20	26·8	23·8	23·8	38·0	25·2	26·9	30·8	32·1	60	31	39	15·6	14·3	14·0	4	3	0	SE	4	SSW	2	Calm	0	0·0	11·3
21	25·1	22·6	22·9	39·4	26·8	31·7	37·4	33·4	47	24	36	16·3	11·4	13·7	0	1	0	WSW	3	NNW	2	SE	2	0·0	11·3
22	23·5	20·8	21·6	41·4	26·2	33·2	41·0	34·1	25	10	26	9·1	5·9	10·3	0	1	0	NE	3	E	1	Calm	0	0·0	18·0
23	22·2	20·1	21·6	42·0	27·6	34·8	41·2	35·0	15	9	18	6·3	5·1	7·7	1	2	5	NE	1	Calm	0	SE	1	0·0	18·2
24	25·0	22·9	23·9	38·1	25·3	27·4	35·8	32·1	55	29	38	14·9	12·8	13·6	5	8	3	S	6	SSW	5	SSE	2	0·0	19·2
25	25·8	23·3	23·3	39·4	26·4	30·7	39·0	33·3	47	26	40	15·6	13·7	15·1	1	0	0	SSW	4	WNW	2	Calm	0	0·0	12·1
26	24·6	22·0	22·7	41·5	28·2	32·9	40·8	34·8	35	14	33	13·1	8·0	13·4	0	4	0	Calm	0	E	2	S	1	0·0	13·9
27	24·7	22·4	22·6	40·7	28·0	32·0	39·8	34·1	42	21	30	14·8	11·6	12·0	0	0	0	WSW	2	WNW	2	SSW	2	0·0	13·2
28	24·8	[illegible]	22·4	42·2	27·8	32·7	39·1	36·9	38	18	16	13·8	9·7	7·5	0	0	0	S	1	Calm	0	S	2	0·0	16·4
29	25·4	22·4	22·7	39.7	28·2	31·4	38·6	32·2	39	14	30	13·2	7·2	10·7	0	0	0	WNW	4	NNW	2	NW	1	0·0	15·9
30	23·5	21·3	21·7	41·0	25·4	31·0	40·4	32·9	18	16	30	6·2	9·1	11·0	0	0	0	NE	2	E	2	Calm	0	0·0	16·7
Month	24·64	22·48	22·80	38·1	25·5	29·1	36·8	32·1	55	29	43	15·9	12·9	14·7	3·2	2·7	1·7	—	3·4	—	2·3	—	2·0	77·4	12·14

Remarks:—2 ☄ 1³⁰, ● ☾ 2h–4h.—5 ☾ ●² ☄ 0h, ●° 3h.—6 ● 4h.—8 ∞² ☄ NE 22¹⁵, ● ☾ *n*—16 ∞² E 16h, ●° 16³⁰.—17 ∞ S 15¹⁵.—18 ∞ S 13³⁰.—24 ∞ *a*.—28 < S 20h.

$C_h = +32{\cdot}2$ mm.

October 1915.

Date	Standard Pressure (mm.) 8 h.	14 h.	20 h.	Air Temperature (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	Wind Direction and Force (0-10) 8 h. Direct.	Force	14 h. Direct.	Force	20 h. Direct.	Force	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
1	23·5	20·0	22·2	41·5	27·4	31·2	40·8	32·2	12	6	27	4·3	3·7	9·7	0	0	0	NE	2	E	2	Calm	0	0·0	19·1
2	24·4	22·1	23·3	41·5	26·3	30·5	40·5	33·5	19	13	29	6·3	7·3	11·3	0	0	0	N	1	Calm	0	SSE	2	0·0	15·0
3	25·1	22·4	23·3	40·2	24·4	30·1	38·4	32·3	54	21	37	17·1	10·8	13·3	0	0	0	S	3	Calm	0	Calm	0	0·0	11·7
4	24·2	21·4	21·6	41·0	23·1	31·7	40·8	33·9	42	8	15	14·4	4·7	5·9	0	0	0	SSW	1	E	3	Calm	0	0·0	16·0
5	23·8	21·6	21·9	41·1	23·7	31·5	40·2	31·7	27	13	24	9·3	7·1	8·4	0	0	0	ESE	1	E	2	Calm	0	0·0	13·8
6	24·0	21·9	23·0	41·5	25·2	33·3	40·2	33·7	24	12	22	9·1	6·9	8·5	0	0	0	Calm	0	Calm	0	Calm	0	0·0	16·6
7	25·3	22·4	22·9	39·8	25·8	29·0	38·8	32·7	51	22	30	15·2	11·9	11·1	0	0	0	S	5	SW	1	Calm	0	0·0	13·3
8	24·8	22·3	23·1	40·6	26·7	32·3	39·9	34·2	38	18	30	13·9	10·4	12·1	0	3	0	SW	2	WSW	3	S	3	0·0	13·8
9	24·5	22·6	22·4	41·8	27·1	31·8	39·8	33·5	40	12	22	13·8	7·1	8·4	0	2	0	W	2	E	2	Calm	0	0·0	14·5
10	23·3	20·9	21·6	40·1	24·2	30.9	39·6	32·3	41	7	18	13·6	3·6	6·5	0	0	0	S	1	NNE	1	NNE	1	0·0	16·2
11	22·7	20·6	21·3	40·2	23·5	29·5	39·0	32·7	17	5	9	5·3	2·8	3·2	0	0	0	Calm	0	E	2	NNE	3	0·0	17·7
12	23·5	21·8	22·9	40·7	23·5	30·2	39·3	34·0	33	14	23	10·0	7·9	9·3	0	1	4	S	1	Calm	0	Calm	0	0·0	12·8
13	24·2	22·1	22·7	39·7	26·0	31·0	38·8	29·8	40	17	39	13·2	8·8	12·2	1	6	0	SSW	1	WSW	2	Calm	0	0·0	12·6
14	23·2	21·2	22·1	39·4	24·2	29·9	38·2	31·3	19	10	21	5·9	5·3	7·1	0	0	0	NNE	3	NE	1	Calm	0	0·0	21·3
15	23·3	20·9	22·0	38·8	25·0	28·5	38·4	33·0	21	13	21	6·1	6·9	7·9	0	0	0	N	3	NE	2	NNE	2	0·0	21·7
16	24·2	22·1	23·1	39·0	25·6	29·9	37·6	32·4	19	15	24	5·9	7·2	8·6	0	1	0	NE	3	N	2	N	2	0·0	19·2
17	24·3	21·9	22·8	39·4	26·0	29·9	38·3	33·3	19	16	23	6·1	8·2	9·7	0	0	0	NE	3	NNE	3	Calm	0	0·0	18·6
18	22·7	20·2	21·6	39·8	23·9	29·3	38·5	32·3	18	11	27	5·4	5·7	9·7	0	0	0	NNE	3	N	3	Calm	0	0·0	17·9
19	22·9	21·2	21·8	39·9	22·9	29·3	37·4	29·9	17	14	29	5·1	6·7	9·2	0	0	0	NNE	3	Calm	0	S	1	0·0	14·5
20	23·6	21·9	22·9	40·6	23·4	28·7	38·5	31·9	16	9	18	4·6	4·6	6·4	0	0	0	NNE	2	W	2	N	1	0·0	16·5
21	24·0	22·9	22·6	40·9	23·2	27·8	39·6	33·2	23	15	25	6·5	8·6	9·1	0	2	0	N	2	N	3	N	2	0·0	17·4
22	23·8	21·6	22·4	39·1	24·5	30·3	38·3	32·4	27	14	20	8·6	7·3	7·3	0	1	0	NE	2	NE	2	NNE	2	0·0	20·1
23	24·3	21·8	22·9	37·9	24·3	28·3	36·9	31·4	25	12	13	7·2	5·6	4·6	1	2	0	NNE	4	ENE	3	NE	2	0·0	16·8
24	24·5	22·7	23·5	38·4	21·9	28·2	37·2	31·0	27	18	29	7·7	8·7	9·8	0	0	0	NE	3	NNE	3	N	3	0·0	16·5
25	24·6	22·3	23·8	39·1	22·6	29·0	38·6	31·9	26	19	21	7·9	9·6	7·3	0	0	0	N	2	N	1	NNE	2	0·0	16·0
26	24·7	22·7	23·6	37·8	22·7	27·7	37·2	30·8	32	17	23	8·6	7·8	7·5	0	0	0	NE	3	NE	2	Calm	0	0·0	17·6
27	24·9	22·5	23·5	37·8	22·7	27·1	36·8	30·4	24	15	13	6·3	6·9	4·3	0	0	0	NNE	3	NE	1	N	2	0·0	18·1
28	24·7	22·0	23·3	37·8	22·9	29·0	37·4	30·0	17	14	23	5·2	6·7	7·2	0	0	0	NNE	4	NNE	3	N	1	0·0	18·5
29	23·9	21·7	22·8	38·3	23·1	28·4	37·8	29·9	18	9	26	5·2	4·4	8·2	0	0	0	N	3	Calm	0	NW	1	0·0	14·4
30	24·6	21·7	22·7	39·6	22·6	28·0	38·4	29·9	28	14	31	7·8	7·3	9·8	0	0	0	NE	2	S	1	NW	1	0·0	13·3
31	23·7	21·8	22·9	40·0	24·4	29·7	38·1	32·4	29	13	26	8·8	6·4	9·6	0	3	0	ENE	3	NE	1	Calm	0	0·0	14·8
Month	24·04	21·78	22·66	39·8	24·3	29·7	38·7	32·1	27	13	24	8·5	7·0	8·5	0·1	0·7	0·1	—	2·3	—	1·6	—	1·0	0·0	16·33

Remarks:—8 < SE, SP.

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.

November 1915.

Date	Standard Pressure (mm.) 8 h.	14 h.	20 h.	Air Temperature (°C) Max.	Min.	8 h.	14 h.	20 h.	Relative Humidity (per cent) 8 h.	14 h.	20 h.	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Clouds Amount (0-10) 8 h.	14 h.	20 h.	Wind Direction and Force (0-10) 8 h. Direct.	Force	14 h. Direct.	Force	20 h. Direct.	Force	Rain in 24 hours (mm.)	Evaporation in 24 hours (mm.)
	700 +																								
1	24·6	22·1	23·7	39·6	23·7	28·5	36·8	32·2	34	15	21	10·0	7·2	7·6	0	6	5	Calm	0	W	1	N	1	0·0	15·9
2	25·3	23·1	23·9	37·8	23·9	27·4	36·8	31·2	37	19	24	10·2	8·6	7·9	3	6	0	NE	4	NW	1	N	2	0·0	17·1
3	25·9	23·6	23·5	38·0	23·4	27·9	36·4	31·5	22	22	26	6·1	9·9	8·8	0	7	0	NE	3	NNE	2	S	1	0·0	15·2
4	26·6	24·2	25·0	37·9	25·2	29·2	36·8	31·1	30	21	30	9·1	10·0	10·1	0	5	0	NE	2	NE	3	N	2	0·0	15·4
5	26·4	24·0	25·7	36·2	22·9	29·1	35·3	30·4	22	22	23	9·3	9·3	7·6	0	0	0	NE	3	NNE	3	N	2	0·0	18·4
6	26·2	23·7	24·5	36·0	23·9	26·7	35·6	30·5	26	15	25	6·6	6·8	8·0	0	0	0	NNE	3	N	3	Calm	0	0·0	16·0
7	25·5	23·0	23·9	36·6	22·1	26·2	35·6	28·4	31	14	26	7·7	6·0	7·5	0	0	0	NE	3	N	2	N	1	0·0	15·5
8	24·6	22·5	23·8	34·9	20·5	24·9	34·4	29·0	20	10	13	4·6	4·1	3·8	0	0	0	NNE	3	N	2	NNW	3	0·0	18·7
9	26·3	23·4	24·1	35·0	21·2	25·2	34·2	29·3	19	15	30	4·4	6·4	9·1	0	1	0	N	4	Calm	0	N	3	0·0	17·7
10	26·2	23·0	24·7	35·0	22·6	26·6	35·5	29·5	17	14	19	4·2	6·4	6·0	0	0	0	NNE	4	NE	3	N	3	0·0	15·8
11	25·3	22·7	23·7	36·2	21·8	27·5	35·3	29·9	46	26	34	12·6	10·9	10·8	0	0	0	E	4	NE	2	N	2	0·0	13·2
12	25·2	22·3	23·4	39·2	23·6	27·7	37·5	30·7	45	18	27	12·5	8·9	9·0	0	1	0	ENE	3	ESE	1	N	4	0·0	14·7
13	24·7	22·1	23·3	38·0	22·6	28·9	37·3	30·2	29	14	25	8·5	6·8	7·9	0	0	0	SE	2	NE	2	NNE	1	0·0	13·7
14	24·8	22·2	23·5	37·9	22·8	27·5	36·6	30·7	44	21	28	12·1	9·8	9·2	2	1	0	NE	4	NE	2	N	3	0·0	15·0
15	24·7	22·3	23·7	37·8	22·8	27·2	37·4	31·3	41	22	30	11·9	10·7	10·3	0	0	0	NE	4	E	1	NNE	2	0·0	14·9
16	24·9	22·2	23·1	37·4	22·3	27·5	36·6	30·5	35	26	28	9·4	11·9	9·0	0	0	0	NE	3	Calm	0	NNE	4	0·0	13·6
17	24·9	22·2	23·1	37·1	21·8	27·9	36·8	30·8	45	17	21	12·5	7·9	7·1	0	0	0	E	3	N	3	NE	2	0·0	13·8
18	24·9	22·1	23·2	36·1	21·8	26·3	35·8	30·2	45	16	24	11·2	7·2	7·7	0	1	0	NNE	4	Calm	0	N	4	0·0	13·8
19	25·1	22·8	24·2	36·8	21·5	25·0	35·3	28·6	51	21	33	12·0	9·0	9·7	0	0	0	NE	4	Calm	0	Calm	0	0·0	10·7
20	25·6	23·6	24·6	38·0	21·9	27·3	37·4	29·7	30	13	24	9·8	6·2	7·3	0	0	0	NE	2	Calm	0	N	2	0·0	12·0
21	26·0	23·2	24·1	38·0	22·1	26·6	37·6	29·8	38	13	25	9·8	6·6	7·8	0	0	0	NNE	2	W	2	NE	2	0·0	12·5
22	24·9	22·2	23·3	38·4	21·3	24·8	36·3	28·6	38	12	23	8·9	5·9	6·4	0	0	0	NE	3	NW	1	NE	2	0·0	14·3
23	24·8	23·2	24·0	36·0	22·9	26·7	35·0	28·9	31	15	25	8·0	6·4	7·4	0	0	0	N	3	N	2	N	3	0·0	15·5
24	25·3	23·3	24·9	36·0	21·6	25·3	35·1	27·7	26	12	18	6·1	5·2	5·0	0	0	0	NNE	4	NW	2	N	4	0·0	16·1
25	26·3	23·4	24·2	34·5	18·3	23·7	34·2	25·9	13	9	26	2·9	3·6	6·2	0	0	0	N	4	Calm	0	NW	1	0·0	15·5
26	26·3	23·2	24·9	34·1	20·6	23·5	33·4	27·7	22	14	19	4·7	5·5	5·1	1	1	0	N	3	N	1	N	3	0·0	18·6
27	26·1	23·5	24·9	33·0	18·1	22·9	32·3	26·5	12	8	15	2·6	3·0	3·8	0	0	0	NNE	5	N	4	N	4	0·0	19·9
28	25·8	23·4	24·8	33·5	18·3	23·1	32·7	27·5	21	19	15	4·4	7·3	4·1	0	0	0	N	5	N	4	N	3	0·0	18·0
29	26·8	24·2	25·1	32·4	17·7	20·8	31·8	25·2	24	15	16	4·4	5·2	3·8	0	0	0	N	5	N	4	NNE	1	0·0	18·3
30	27·4	24·8	26·3	31·4	17·5	21·6	31·0	25·6	22	18	16	4·1	6·2	3·8	0	0	0	NNE	5	N	5	N	4	0·0	19·7
Month	25·58	23·05	24·17	36·3	21·7	26·1	35·4	29·3	31	17	24	7·9	7·3	7·3	0·2	1·0	0·2	—	3·4	—	1·9	—	2·3	0·0	15·65

Remarks:—15 < SSE 20h.

$C_h = +32·8$ mm.

December 1915.

1	28·7	26·1	27·0	27·9	15·0	16·8	26·7	23·0	24	32	25	3·4	8·2	5·1	0	0	0	N	5	N	4	N	3	0·0	15·2
2	28·0	25·8	27·2	29·8	15·3	18·1	29·2	24·4	27	26	31	4·1	8·1	7·0	0	0	0	N	4	NNE	4	N	4	0·0	14·4
3	28·2	25·2	26·0	29·9	16·8	19·0	29·1	24·8	23	32	38	3·7	9·5	8·8	0	0	0	NNE	4	NNE	3	N	2	0·0	14·8
4	27·2	24·9	25·9	30·7	16·6	20·3	30·0	23·8	25	16	19	4·4	5·1	4·2	0	0	0	N	3	N	1	N	2	0·0	15·8
5	27·7	25·9	26·9	29·3	15·9	18·8	23·7	23·3	30	11	16	4·8	3·2	3·4	3	0	0	N	3	NNE	3	NNW	4	0·0	16·7
6	28·2	26·0	27·1	28·4	15·9	18·7	27·9	23·4	27	15	13	4·4	4·3	2·9	1	3	0	N	4	N	3	NNW	3	0·0	14·7
7	28·1	25·8	26·9	27·4	14·7	18·4	26·5	22·1	23	13	22	3·6	3·2	4·3	7	7	0	N	4	N	4	N	2	0·0	16·4
8	28·9	26·2	27·2	27·9	15·0	17·3	27·5	21·4	26	15	26	3·8	4·0	4·9	8	7	0	N	4	N	3	N	1	0·0	12·1
9	28·3	26·3	27·2	28·4	13·9	18·1	27·7	21·6	20	9	20	3·1	2·6	3·7	2	2	0	N	4	N	3	N	3	0·0	15·4
10	28·7	26·8	27·5	28·0	12·0	16·5	27·2	21·1	28	10	19	3·9	4·3	3·6	2	2	0	N	4	N	2	N	3	0·0	15·0
11	29·4	26·8	27·4	28·8	14·0	19·2	28·3	21·8	25	14	30	4·2	3·9	5·8	2	3	0	N	3	NNE	3	N	4	0·0	12·9
12	28·6	25·6	26·6	29·5	14·4	18·0	28·8	23·0	37	20	27	5·7	5·9	5·7	8	2	1	NNE	4	NNE	2	NNE	4	0·0	11·3
13	27·8	25·0	26·3	30·2	15·1	18·2	20·7	24·3	41	27	33	6·4	8·2	7·7	0	8	0	NNE	3	N	1	N	2	0·0	10·9
14	27·2	24·9	25·3	31·6	15·9	20·4	30·8	25·6	44	24	28	7·9	7·8	6·7	4	7	2	N	2	Calm	0	N	2	0·0	12·3
15	25·6	22·9	23·3	35·0	17·7	22·0	34·1	27·6	48	21	29	9·4	8·6	7·9	0	0	0	N	3	NNE	2	N	3	0·0	13·5
16	25·0	22·6	23·9	34·4	19·2	22·7	34·1	25·8	54	17	37	10·9	6·8	8·9	0	0	0	NNE	3	N	4	Calm	0	0·0	13·5
17	25·7	23·6	23·7	34·0	19·4	22·9	32·3	27·0	56	26	33	11·6	9·2	8·8	0	0	0	NNE	4	NNE	1	N	1	0·0	10·0
18	25·4	23·3	23·7	34·5	18·8	21·8	33·7	26·9	52	17	25	10·1	6·7	6·6	0	0	0	NNE	3	NE	1	N	1	0·0	12·5
19	25·2	23·1	23·7	33·5	17·0	21·1	32·6	24·8	54	17	33	10·0	6·4	7·7	0	0	0	NNE	2	N	3	Calm	0	0·0	12·2
20	25·6	23·7	24·8	33·5	18·3	21·0	33·0	26·7	43	20	27	7·9	7·3	6·8	0	0	0	NNE	2	N	2	Calm	0	0·0	12·4
21	26·2	24·6	23·2	34·6	17·3	22·0	34·1	26·5	42	14	27	8·2	5·7	7·0	0	0	0	NNE	2	E	1	NE	1	0·0	11·4
22	26·1	23·5	24·0	35·4	18·4	21·5	35·7	27·4	40	16	23	7·6	6·4	6·1	0	0	0	NE	1	Calm	0	Calm	0	0·0	9·7
23	25·3	23·0	23·7	36·1	18·1	21·4	35·8	27·3	44	13	30	8·4	5·6	8·1	0	0	0	NNE	1	NW	1	Calm	0	0·0	9·0
24	25·6	23·5	24·1	35·2	18·5	21·7	34·2	28·7	41	13	21	7·9	5·3	6·1	8	4	0	NNE	1	NE	1	N	2	0·0	11·8
25	26·7	24·6	25·5	34·4	18·9	22·2	33·7	27·2	46	15	26	9·2	5·9	6·8	1	1	0	NNE	1	NNW	1	Calm	0	0·0	14·8
26	27·7	25·3	26·6	31·6	19·5	21·8	31·3	26·4	42	26	37	8·1	8·8	9·4	3	1	0	NNE	3	NNE	5	N	3	0·0	15·3
27	28·0	25·7	26·3	29·9	18·3	20·2	29·3	24·8	35	34	33	6·1	10·3	7·7	0	0	0	N	3	N	3	NNW	4	0·0	15·0
28	27·7	25·3	25·8	28·3	17·2	19·2	27·8	24·2	28	29	31	4·7	8·0	6·8	0	3	0	N	4	N	3	N	4	0·0	15·5
29	28·1	25·8	26·8	28·9	15·9	17·8	28·3	24·5	23	31	36	3·5	8·9	8·3	2	3	0	N	4	N	3	N	3	0·0	12·4
30	28·2	25·6	27·2	30·4	17·8	19·9	30·1	24·3	38	26	30	6·6	8·3	8·2	2	1	0	N	3	N	4	N	4	0·0	11·6
31	28·4	25·8	27·0	30·3	17·3	20·0	29·8	25·3	44	30	35	7·7	9·4	8·3	0	3	0	N	4	N	3	N	2	0·0	11·9
Month	27·27	24·94	25·74	31·2	16·7	19·9	30·5	24·8	36	20	28	6·5	6·6	6·6	1·7	1·8	0·1	—	3·1	—	2·4	—	2·2	0·0	13·24

Remarks:—

MONTHLY SUMMARIES.

Summary of Meteorological Observatio

$\varphi = 35^\circ\ 20'$ N. $\lambda = 25^\circ\ 8'$ E. of Greenwi

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.	Me
1915																			
January	757·24	13·8	—	13·4	13·6	18·1	10·7	22·5	30	7·2	9, 10	65	—	69	67	7·6	—	7·8	7
February	59·70	12·0	—	11·7	11·8	16·0	9.1	19·6	23	5·7	4, 7	72	—	74	73	7·5	—	7·5	7
March	58·55	14·3	—	14·3	14·3	18·3	10·4	29·8	20	6·8	15	62	—	65	64	7·5	—	7·9	7
April	57·96	17·5	—	15·8	16·6	20·1	12·9	26·6	19	9·4	15	64	—	76	70	9·5	—	10.1	9
May	58·62	20·9	—	19·2	20·0	22·8	15·5	29·0	25	10·4	8	62	—	68	65	11·3	—	11·3	11
June	57·55	25·3	—	23·3	24·3	26·5	20·2	38·1	29	17·7	14	59	—	70	64	14·1	—	14·7	14
July	56·40	27·1	—	25·6	26·4	28·9	22·1	31·9	16	18·1	11	55	—	64	60	14·6	—	15·5	15
August	56·26	27·4	—	26·1	26·8	29·4	22·3	39·0	24	18·7	4	56	—	64	60	15·3	—	15·9	15
September	59·76	23·8	—	22·2	23·0	25·7	19·4	31·3	29	16·0	19, 26, 27	59	—	69	64	12·8	—	13·6	13
October...	60·08	22·5	—	20·7	21·6	25·6	17.7	33·0	6	12·9	25	56	—	67	62	11·2	—	12·2	11
November	60·42	17·6	—	17·3	17·4	21·1	14·4	20·1	10	5.5	29	59	—	63	61	8·7	—	9·2	9
December	63·23	14·1	—	14·8	14·4	19·1	11·3	22·0	20	6·7	1	72	—	75	74	8·5	—	9·4	8
Year	758·81	19·7	—	18·7	19·2	22·6	15·5	—	—	—	—	62	—	69	65	10·7	—	11·3	11

Summary of Meteorological Observati

$\varphi = 31^\circ\ 38'$ N. $\lambda = 25^\circ\ 58'$ E. of Greenw

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.	M
1915																			
January	759·93	9·8	18·0	—	12·5	19·0	6·0	26·3	30	1·2	23	63	45	—	—	5·7	6·9	—	
February	60·65	11·4	17·1	—	13·3	18·6	8·0	27·9	27	4·9	15	75	58	—	—	7·5	8·4	—	
March	59·52	15·1	19 7	—	15·8	21·1	10·5	34·7	10	5·4	6	65	50	—	—	8·3	8·4	—	
April	57·99	17·3	19·3	—	16·6	21·3	12·0	32·6	24	7·2	15	70	66	—	—	10·3	11·1	—	
May	57·19	20·6	—	—	19·1	24·0	14·2	38·0	26	10·0	13, 14, 15	67	—	—	—	12·1	—	—	
June	55·62	24·9	26·2	23·4	23.5	28·3	19·6	40·0	29	15·0	7, 9	73	68	81	77	17·2	17·2	17·4	
July	55·81	25·9	27·5	25·1	25·0	28·5	21·7	33·0	2	18·7	17	75	69	79	77	18·5	18·9	18·7	
August	55·61	26·6	28·3	25·9	25·6	29·5	21·6	42·0	24	18·0	1	71	65	72	72	18·3	18·6	17·8	
September	59·09	24·6	26·4	23·6	23·7	27·9	20.3	33·0	12	15·5	29	66	62	70	68	15·2	15·7	15·0	
October...	60·43	23·1	23·7	21·8	21.6	27·5	17·7	35·0	8	11·5	20	68	74	75	72	14·3	16·0	14·6	
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

CANDIA for the year 1915.

= 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
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	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
6·7	—	2·5	4·6	66·8	26·2	14	9	9	1·8	0·5	—	—	1	26·5	16·5	—	6·5	11	5·74
7·1	—	5·3	6·2	152·9	34·5	2	12	11	1·2	2	0·5	—	3	11	6	—	12·5	21	3·46
5·9	—	3·5	4·7	18·3	15·3	28	2	2	0·8	1·5	—	—	0·5	10·5	6·5	1	7	35	5·11
4·0	—	3·7	3·8	44·3	17·6	13	6	6	0·2	0·5	—	—	—	3	1	—	3·5	52	4·18
2·9	—	1·6	2·2	Drops	Drops	24	—	—	0·2	1	0·5	—	—	3	—	—	6·5	51	5·11
1·6	—	0·4	1·0	0·0	0·0	—	—	—	0·2	1·5	—	—	—	0·5	2·5	—	7·5	48	5·21
0·4	—	0·4	0·4	0·0	0·0	—	—	—	0·9	12	1	2	—	1·5	0·5	—	21	24	6·40
0·9	—	0·2	0·6	0·0	0·0	—	—	—	0·8	10·5	3·5	1·5	—	0·5	0·5	3	19·5	23	6·85
2·9	—	1·4	2·2	35·0	33·5	18	2	2	1·0	16·5	2	1	—	4	4	1	13·5	18	5·86
3·4	—	3·0	3·2	5·3	4·5	24	2	1	0·9	—	2	1	—	10	6	5	10	28	6·18
4·6	—	5·1	4·8	56·9	35·9	29	5	5	1·5	7	1	—	0·5	12·5	16	7	2	14	6·15
4·9	—	3·3	4·1	55·2	43·9	24	4	3	1·4	1	1	—	3	25·5	21	0.5	1	9	9·69
3·8	—	2·5	3·2	434·7	—	—	42	39	0·9	54	11·5	5.5	8	118·5	80·5	17·5	110·5	334	5·83

t SIDI BARRANI for the year 1915.

l = 27·3 m. h_t = 1·6 m. h_r = 1·1 m. C_h = + 2·4 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	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	Piche
1·0	0·7	—	—	38·8	23·0	7	2	2	1·8	7	1	2	—	2	8	38	2	2	4·91
1·2	0·9	—	—	36·6	18·6	8	2	2	1·9	2	2	9	—	3	5	29	3	3	5·02
1·1	1·1	—	—	0·8	6·8	27	1	1	2·0	12	3	6	—	7	5	23	3	3	6·92
1·9	1·2	—	—	0·0	0·0	—	—	—	1·7	10	1	16	1	7	1	18	3	3	3·95
0·7	0·0	—	—	0·0	0·0	—	—	—	2·2	17	—	21	—	9	—	15	—	—	6·00
0·2	0·0	0·1	0·1	0·0	0·0	—	—	—	1.6	50	—	23	—	1	—	16	—	—	5·25
0·7	0·0	0·5	0·4	0·0	0·0	—	—	—	1·6	39·5	6	8	—	—	—	22	13·5	4	5·4*
0·9	0·1	1·1	0·7	0·0	0·0	—	—	—	1·5	55	—	3	—	1	—	10	14	10	5·50
2·2	1·5	1·6	1·8	0·0	0·0	—	—	—	2·9	13·5	17	2	5	—	1	3	40·5	6	7·04
1·3	1·3	2·7	1·8	0·0	0·0	—	—	—	2·9	13	11	8	26	3	1	9	17	5	5·53
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observatio

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

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.	Me
1915																			
January	—	—	—	—	*13·7*	18·3	*9·1*	22·0	22,30	***5·0***	***15***	—	—	—	—	—	—	—	—
February	—	—	—	—	*13·8*	*17·3*	*10·4*	*21·5*	*24*	*6·5*	*4*	—	—	—	—	—	—	—	—
March	—	—	—	—	16·2	19·0	12·5	20·0	10	8·2	1	—	—	—	—	—	—	—	—
April	—	—	—	—	18·4	21·4	15·5	26·4	24	11·7	1	—	—	—	—	—	—	—	—
May	—	—	—	—	21·6	24·9	18·2	34·7	27	14·5	6, 7	—	—	—	—	—	—	—	—
June	—	—	—	—	25·9	29·3	22·5	39·6	15	19·6	2	—	—	—	—	—	—	—	—
July	—	—	—	—	26·5	30·0	23·0	32·2	29	20·5	2	—	—	—	—	—	—	—	—
August...	—	—	—	—	26·6	30·0	23·1	33·1	19	21·1	13	—	—	—	—	—	—	—	—
September	—	—	—	—	24·2	27·2	21·3	33·3	5	17·9	26	—	—	—	—	—	—	—	—
October...	—	—	—	—	22·8	25·7	19·8	28·9	29	16·8	25	—	—	—	—	—	—	—	—
November	—	—	—	—	19·5	22·0	17·0	25·8	11	11·2	30	—	—	—	—	—	—	—	—
December	—	—	—	—	*16·7*	19·2	*14·2*	23·0	22	*10·2*	*2*	—	—	—	—	—	—	—	—
Year	—	—	—	—	20·5	23·8	17·2	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observatio

$\varphi = 31° 16'$ N. $\lambda = 32° 19'$ E. of Greenwi

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.	Me
1915																			
January	762·91	13·9	—	15·6	14·8	19·9	11·7	26·1	30, 31	8·7	16	77	—	74	76	9·1	—	9·7	9·
February	63·00	14·2	—	15·3	14·8	19·7	12·3	24·1	28	7·1	4	75	—	73	74	9·0	—	9·5	9·
March	61·91	15·6	—	16·8	16·2	21·8	13·3	34·0	11	10·2	24	73	—	69	71	9·6	—	9·8	9·
April	60·33	18·5	—	18·3	18·4	22·9	15·7	29·0	25	11·2	6	75	—	77	76	11·8	—	11·9	11·
May	60·10	22·1	—	20·8	21·4	25·6	18·4	41·9	28	15·8	2	69	—	77	73	13·5	—	14·0	13·
June	58·01	26·2	—	24·9	25·6	29·8	22·5	36·0	16	19·1	1	69	—	77	73	17·4	—	17·9	17·
July	56·76	27·2	—	25·9	26·6	30·5	23·6	32·5	17, 20	22·1	12, 13	71	—	78	74	19·2	—	19·4	19·
August...	56·60	27·0	—	26·6	26·8	31·4	23·8	34·5	20	22·1	13	74	—	75	74	19·5	—	19·4	19·
September	59·48	25·4	—	24·8	25·1	29·3	22·0	33·5	6	19·6	25	71	—	74	72	17·3	—	17·1	17·
October...	61·18	23·9	—	23·7	23·8	27·9	21·0	29·9	7	19·0	23	73	—	74	74	16·1	—	16·2	16·
November	62·60	20·2	—	20·5	20·4	25·3	17·8	30·7	12	10·2	30	74	—	77	76	13·2	—	13·9	13·
December	65·46	17·2	—	17·5	17·4	21·8	14·4	26·6	23	10·2	1	76	—	78	77	11·1	—	11·6	11·
Year	760·69	20·9	—	20·9	20·9	25·5	18·0	—	—	—	—	73	—	75	74	13·9	—	14·2	14·

DAMIETTA for the year 1915.

2·2 m. $h_t = 2·0$ m. $h_r = 1·0$ m.

Clouds (0—10) 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 8 h. Scale 0-10	Direction N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day
—	—	—	6·0	6·0	8	1	1	0·9	1·5	0·5	—	4	5	3	—	—	15	—
—	—	—	7·0	2·5	1	5	4	0·9	1	1	1	6	2	1	—	—	13	—
—	—	—	23·6	8·0	14	6	6	1·6	1	4	—	2	4	6	1	3	10	—
—	—	—	3·5	3·0	21	2	1	2·5	4·5	3·5	1	2	1	5·5	5	5·5	2	—
—	—	—	Drops	Drops	15	—	—	2·7	5·5	6·5	0·5	5·5	1	5	1	4	2	—
—	—	—	0·0	0·0	—	—	—	2·0	2·5	2	—	4·5	0·5	3	—	11·5	6	—
—	—	—	0·0	0·0	—	—	—	1·8	1·5	3	1·5	1	1	—	2·5	14·5	6	—
—	—	—	0·0	0·0	—	—	—	1·8	3·5	1·5	—	—	1	4	5	10	6	—
—	—	—	0·0	0·0	—	—	—	2·3	9·5	2	—	—	—	2·5	3	10	3	—
—	—	—	Drops	Drops	23	—	—	1·7	2·5	4	2	4	—	3	2	5·5	8	—
—	—	—	10·3	7·0	28	3	2	2·4	6	4	2	2	1·5	9·5	1	2	2	—
—	—	—	1·5	1·5	25	1	1	1·7	4	5·5	1	2	1	8	1	1·5	7	—
—	—	—	51·9	—	—	18	15	1·9	43	37·5	9	33	18	50·5	21·5	67·5	80	—

ORT SAID for the year 1915.

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

Clouds (0—10) 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 N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Wild
—	3·2	3·6	2·0	2·0	16	1	1	1·6	0·5	3	4·5	4·5	10	9·5	6	5	10	1·41
—	1·6	3·0	Drops	Drops	Several Dates.	—	—	2·2	4·5	7·5	11·5	2	5·5	4·5	7	4·5	9	1·36
—	2·8	3·7	27·0	9·0	16, 17	4	4	2·4	9	6·5	4	3	8	5	8	10·5	8	1·92
—	4·1	5·2	5·0	5·0	22	1	1	2·4	12	7·5	5·5	3	2	5	8	16	1	1·79
—	2·0	3·0	0·0	0·0	—	—	—	1·8	16	7·5	6	3	—	3	11	10·5	5	2·47
—	0·8	1·8	0·0	0·0	—	—	—	1·6	15·5	3	5·5	4·5	4·5	—	7	11	9	2·57
—	1·3	2·2	0·0	0·0	—	—	—	1·4	9·5	6·5	1	—	1	2·5	18	14·5	9	2·24
—	0·9	2·4	0·0	0·0	—	—	—	1·4	7	2·5	—	—	—	—	20	20·5	12	2·40
—	1·7	2·7	0·0	0·0	—	—	—	1·4	9	5·5	—	—	—	—	14·5	19	12	2·35
—	2·2	2·2	Drops	Drops	25	—	—	1·6	8·5	9	5·5	2	1	—	12	8	16	2·14
—	1·7	3·5	2·5	1·5	30	2	2	1·8	9	9·5	6	4	2	4·5	7·5	7·5	12	2·03
—	3·0	3·6	Drops	Drops	7	—	—	1·8	9	15	3	4	1	8	3	4	15	1·46
—	2·1	3·1	36·5	—	—	8	8	1·8	109·5	83	52·5	28	35	42	122	131	127	2·01

Summary of Meteorological Observat

$\varphi = 31^\circ\ 12'$ N. $\lambda = 29^\circ\ 53'$ E. of Green

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 (m 8 h.	14 h.	20 h.
1915.																		
January	759·94	12·9	18·3	14·7	14·0	19·7	10·2	24·7	31	7·1	15	72	55	68	70	8·0	8·5	8·5
February	60·39	13·6	18·4	14·8	14·4	20·5	11·0	28·3	24	5.5	4	73	57	67	70	8·5	8·8	8·4
March	59·29	15·4	20·6	16·4	16·3	22·8	12·8	35·2	11	9·2	2	69	53	68	68	9·0	9·2	9·2
April	58·05	17·9	21·2	17·8	17·9	23·7	14·8	34·0	13	10·1	6	72	62	74	73	11·0	11·4	11·1
May	58·01	20·9	23·1	20·4	20·4	26·5	17·3	41·4	27	12·8	13	68	64	74	71	12·5	13·5	13·0
June	56·15	24·8	26·6	23·7	24·3	30·1	22·0	43·7	16	20·3	13	73	68	82	78	16·8	17·6	17·6
July	54·98	25·8	28·0	25·0	25·6	30·6	23·4	33·4	3	20·6	3	75	69	81	78	18·6	19·4	19·1
August	55·12	26·4	28·8	25·7	26·3	31·4	24·2	34·4	23	21·7	23	73	66	75	74	18·8	19·4	18·4
September	58·06	24·2	26·2	23·6	24·0	29·0	22·0	33·5	13	18·7	28	69	62	71	70	15·4	15·6	15·5
October...	59·54	23·2	25·6	22·6	23·0	28·1	20·5	36·1	30	18·0	19	76	66	77	76	16·1	16·1	15·8
November	60·57	19·8	23·2	20·0	20·1	25·4	17·3	31·8	11	9·4	30	70	58	70	70	12·1	12·3	12·3
December	63·35	17·1	20·1	17·5	17·2	22·7	14·0	29·5	23	9·3	2	74	63	72	73	10·8	11·0	10·7
Year	758·62	20·2	23·3	20·2	20·3	25·9	17·5	—	—	—	—	72	62	73	73	13·1	13·6	13·3

Summary of Meteorological Observ

$\varphi = 31^\circ\ 7'$ N. $\lambda = 30^\circ\ 57'$ E. of Gree

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 8 h.	14 h.	20 h
1915.																		
January	—	9·5	18·7	10·8	11·2	19·9	5·9	25·5	31	3·9	11,23	87	65	85	86	7·6	10·4	8·2
February	—	11·3	19·2	10·9	11·9	20·3	6·1	27·7	24	4·0	4	82	63	83	82	8·1	10·4	8·0
March	—	13·5	21·6	13·2	14·0	22·7	7·5	33·3	11	4·6	3,6	85	60	83	84	9·7	11·3	9·3
April	—	17·4	24·1	15·5	16·7	25·2	9·9	31·4	13	6·3	3	80	59	83	82	11·8	13·1	10·9
May	—	21·6	28·6	18·7	20·3	29·7	12·4	40·1	27	9·3	1	75	60	79	77	14·3	17·4	12·0
June	—	26·6	33·0	23·7	25·0	34·0	16·6	44·8	16	14·5	1	67	50	75	71	17·4	18·6	16·3
July	—	26·9	33·4	24·4	25·5	34·4	17·2	37·1	15	15·8	2	73	53	80	76	19·2	20·2	18·1
August	—	26·6	33·0	24·2	25·4	34·0	18·0	37·1	25	16·4	23	78	56	83	80	20·2	20·8	18·7
September	—	24·1	30·1	21·5	23·0	31·2	16·1	36·4	5	13·4	28	80	57	82	81	17·8	18·2	15·6
October...	—	21·4	29·0	19·0	21·2	30·1	15·2	36·1	30	13·2	16	80	57	85	82	15·2	16·8	13·8
November	—	17·2	24·4	15·9	17·6	25·4	12·9	30·8	11	9·8	30	84	59	86	85	12·2	13·4	11·6
December	—	12·7	20·2	11·6	13·4	21·4	9·1	24·8	16	7·1	3,15	91	64	89	90	9·9	11·3	9·1
Year	—	19·4	26·3	17·4	18·8	27·4	12·2	—	—	—	—	80	59	83	81	13·6	15·2	12·7

LEXANDRIA (Kôm el Nadûra) for the year 1915.

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
			Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
3·2	3·7	3·6	19·0	10·0	15	3	3	2·3	4·5	3	5	4·5	6·5	21·5	18·5	5·5	24	1·81
3·2	3·5	3·7	19·0	6·0	8	6	6	2·2	10·5	4	8·5	6	3·5	11·5	18·5	8·5	13	1·80
4·1	3·1	3·9	19·0	6·0	15	6	6	2·7	6·5	10	5	3	10	9	26	18·5	5	2·36
5·6	4·3	5·3	1·0	1·0	6	1	1	2·5	17·5	8·5	4·5	4	1·5	2	25	20	7	1·83
2·0	3·2	2·7	Drops	Drops	26	—	—	2·1	29	14	5·5	3·5	3	—	13	26	8	2·40
1·8	2·6	2·3	0·0	0·0	—	—	—	2·8	18	4·5	3·5	—	3	—	15	37	9	2·09
1·0	1·2	1·6	0·0	0·0	—	—	—	1·5	15·5	4·5	—	—	—	—	20·5	26·5	26	2·13
1·2	1·2	1·5	0·0	0·0	—	—	—	1·5	21	2·5	—	—	—	—	11	35·5	23	2·80
1·7	2·0	2·5	Drops	Drops	18	—	—	1·9	34·5	5·5	—	—	—	—	3·5	26·5	20	3·05
2·4	2·2	2·7	0·0	0·0	—	—	—	1·1	29	9	2	—	1·5	0·5	1·5	18·5	31	2·20
3·6	3·3	3·7	14·0	8·0	29	3	3	1·4	13	6·5	1·5	—	—	7·5	12·5	9	40	2·47
4·9	3·0	4·7	10·0	7·0	25	3	3	0·5	3	3·5	1·5	—	1	1·5	6·5	5	71	1·67
2·9	2·8	3·2	82·0	—	—	22	22	1·9	193	75·5	37	21	30	53·5	171·5	236·5	277	2·22

SAKHA for the year 1915.

6·0 m. $h_t = 1·8$ m. $h_r = 0·9$ m.

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
			Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
1	3·3	1·5	2·6	0·0	0·0	—	—	—	1·0	1	2	3	—	—	—	11	15	61	2·26
8	3·4	0·7	2·3	5·8	3·6	3	2	2	0·8	5	3	4	—	—	—	6·5	8·5	57	2·67
5	4·7	0·8	2·7	16·3	6·8	16	3	3	1·1	4	5	4	—	—	—	4·5	14·5	61	3·49
2	2·4	0·3	1·6	3·8	3·8	22	1	1	1·0	7	3·5	7	1	—	0·5	3·5	8·5	59	4·49
3	1·0	0·2	1·2	0·0	0·0	—	—	—	0·9	3·5	8	1	—	—	—	1·5	10	69	4·03
3	1·2	0·0	0·8	0·0	0·0	—	—	—	1·1	4·5	6	5·5	—	0·5	0·5	9	13	51	5·07
3	0·5	0·0	0·6	0·0	0·0	—	—	—	1·3	6·5	3	4·5	—	—	—	13	19	47	4·79
0	1·2	0·1	0·8	0·0	0·0	—	—	—	0·8	4·5	2	2	—	—	—	7·5	12	65	4·61
4	1·3	0·5	0·7	0·0	0·0	—	—	—	0·8	1·5	2·5	3·5	—	—	—	8	15·5	59	3·52
8	2·3	0·5	2·2	0·0	0·0	—	—	—	0·8	4·5	8	3	—	—	—	6	7·5	64	3·23
5	2·5	0·6	2·2	9·1	8·0	29	2	2	1·2	3	4	8	—	—	—	4·5	15·5	55	2·79
4	3·6	1·2	2·7	1·2	1·2	27	1	1	0·7	5·5	2·5	4	—	—	—	—	14	67	1·65
3	2·3	0·5	1·7	36·2	—	—	9	9	1·0	50·5	49·5	49·5	1	0·5	1	74·5	153	715	3·62

Summary of Meteorological Observati

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

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.	M
1915.																			
January	—	10·1	18·8	11·6	12·0	—	7·7	23·6	26	6·1	Several Dates	80	70	80	80	7·5	11·2	8·2	
February	—	*11·2*	—	12·2	*11·7*	—	*8·7*	*22·4*	*1, 2*	**5·3**	**5**	*83*	—	74	*78*	*8·2*	—	7·8	
March	—	14·1	20·6	*13·7*	*15·0*	21·7	*11·5*	*27.2*	*30*	*8·6*	*1,16*	77	59	*78*	*78*	9·2	10·7	*9·0*	
April	—	18·0	23·5	—	19·2	25·2	13·2	31·8	13	10·3	24	72	47	—	—	11·0	10·0	—	
May	—	22·4	28·0	—	22·4	29·8	14·9	42·3	28	13·0	10	58	36	—	—	11·7	10·2	—	
June	—	26·1	32·2	—	26·6	33·8	19·5	**43·2**	**15, 16**	16·0	1	66	43	—	—	16·6	15·6	—	
July	—	26·0	32·5	—	27·6	35·5	19·8	37·1	3	18·1	Several Dates	60	37	—	—	14·9	13·6	—	
August	—	26·3	32·7	—	26·8	34·0	19·5	36·1	5, 25	17·0	23	63	36	—	—	15·9	13·1	—	
September	—	24·3	28·9	—	23.4	30·1	16·8	36·7	5	14·5	19, 22	66	46	—	—	14·7	13·5	—	
October...	—	22·5	*26·3*	—	22·2	28·8	15·7	31·7	10	13·5	26	71	*56*	—	—	14·4	*14·2*	—	
November	—	19·4	22·8	—	19·0	24·9	13·2	28·9	1	8·7	28, 30	69	61	—	—	11·6	12·6	—	
December	—	15·3	20·5	—	16·2	21·6	10·7	22·7	8	9·0	30	72	63	—	—	9·4	11·2	—	
Year	—	19·6	26·1	—	20·2	*28·5*	14·3	—	—	—	—	70	50	—	—	12·1	12·4	—	

Summary of Meteorological Observati

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

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.	M
1915.																			
January	762·61	8·5	19·3	11·3	11·0	19·8	5·0	26·2	30	0·5	15	89	54	83	86	7·4	8·9	8·3	
February	62·75	10·7	19·8	12·1	12·1	20·8	5·8	29·0	24	0·6	5	87	55	81	84	8·4	9·4	8·5	
March	61·53	14·2	22·5	13·8	14·5	23·2	7·4	30·7	10	2·5	2	82	52	82	82	9·8	10·4	9·5	
April	60·11	17·9	25·6	16·7	17·6	26·6	10·0	34·9	13	6·6	2	72	40	78	75	10·8	9·8	10·9	
May	59·79	22·8	30·3	20·5	21·6	31·3	12·7	42·5	28	7·9	9	62	41	70	66	12·7	13·3	12·5	
June	57·72	27·0	35·2	25·7	26·6	36·3	18·3	47·4	16	14·8	2	64	43	70	67	16·9	18·1	17·2	
July	56·60	27·3	35·2	26·4	27·0	36·5	19·0	39·5	15, 20	17·0	2, 3	69	47	72	70	18·7	19·8	18·5	
August	56·61	27·2	35·1	25·5	26·7	36·1	19·0	39·6	20	16·5	13	72	49	76	74	19·3	20·4	18·6	
September	59·56	24·2	31·0	22·3	23·5	31·9	16·4	39·6	6	14·0	26	71	44	76	74	16·0	14·8	15·3	
October	60·93	21·6	29·5	20·0	21·5	30·1	15·0	36·5	30	12·2	26	81	49	84	82	15·4	14·9	14·7	
November	62·36	17·6	24·8	16·3	17·7	25·5	12·1	31·0	12	7·7	27	82	54	83	82	12·3	12·4	11·5	
December	65·10	12·4	21·1	13·6	13·9	21·7	8·5	25·5	23	4·7	3	90	59	88	89	9·7	11·0	10·2	
Year	760·47	19·3	27·4	18·7	19·5	28·3	12·4	—	—	—	—	77	49	79	78	13·1	13·6	13·0	

MANSURA for the year 1915.

= 7·0 m. $h_t = 1·5$ m. $h_r = 1·0$ m.

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
				Maximum 1 day		≥0·1 mm. of rain	≥1·0 mm. of rain	Force	Direction									mm. per day
								8 h.	Number of observations in which the wind direction was recorde i as									
14 h.	20 h.	Mean	Total mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
0·4	0·0	0·2	3·7	2·9	1	3	1	1·1	1	6	—	4	7	38	15	15	5	1·16
0·0	0·0	0·0	4·7	2·1	1	3	3	1·0	6	6	2	4	15	23	16	12	—	1·14
0·0	0·0	0·0	18·0	9·5	15	5	4	1·2	3	11	—	9	3	47	10	8	—	2·04
0·3	—	—	1·6	1·3	22	2	1	1·3	5	15	3	2	1	16	6	9	2	2·77
0·0	—	—	0·0	0·0	—	—	—	1·4	2	11	10	9	2	—	9	16	3	4·67
0·0	—	—	0·0	0·0	—	—	—	1·1	9	4	7	2	9	8	11	7	3	5·14
0·0	—	—	0·0	0·0	—	—	—	1·0	12	1	12	—	8	—	25	4	—	5·47
0·0	—	—	0·0	0·0	—	—	—	1·1	9	1	11	14	8	8	9	2	—	4·87
0·0	—	—	Drops	Drops	18	—	—	1·3	5	8	8	3	5	8	14	9	—	4·38
0·2	—	—	0·0	0·0	—	—	—	1·4	5	14	—	4	4	11	15	9	—	3·43
1·1	—	—	20·5	20·5	29	1	1	2·4	3	9	5	10	2	15	5	11	—	2·55
4·9	—	—	Drops	Drops	1,23	—	—	1·6	12	5	6	5	10	6	15	3	—	2·05
0·6	—	—	48·5	—	—	14	10	1·3	72	91	64	66	74	180	150	105	13	3·31

URASHIYA for the year 1915.

= 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
				Maximum 1 day		≥0·1 mm. of rain	≥1·0 mm. of rain	Force	Direction									mm. per day
								Mean of day	Number of observations in which the wind direction was recorded as									
14 h.	20 h.	Mean	Total mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
4·4	3·2	3·9	0·0	0·0	—	—	—	0·8	1·5	3	3·5	2·5	2·5	15	10	2	53	2·13
4·7	2·8	3·9	2·8	1·7	3	2	2	0·8	4	4·5	6	1·5	1	5	6·5	3·5	52	2·59
5·4	1·6	3·3	8·6	3·5	16,28	3	3	0·9	6	8	8·5	0·5	2	7	7·5	9·5	44	3·10
4·6	3·0	4·3	0·5	0.5	5	1	—	1·1	12	15	7·5	0·5	2	2	6·5	13·5	31	4·42
2·5	1·3	2·1	Drops	Drops	14	—	—	1.1	20	17·5	6	4	—	0·5	2	11	32	6·46
1·1	0·7	1·0	0·0	0·0	—	—	—	1·0	20	10	0·5	0·5	0·5	1	1·5	16	40	7·64
0·4	0·7	1·0	0·0	0·0	—	—	—	0·8	15·5	6·5	4	—	—	—	—	23	44	7.30
1·5	0·3	1·1	0·0	0·0	—	—	—	1·0	14	5·5	—	—	—	—	4·5	33	36	6·72
1·6	0·0	0·8	0·0	0·0	—	—	—	0·5	23·5	5	—	—	—	—	—	9·5	52	4·90
1·8	0·5	1·6	0·0	0·0	—	—	—	0·3	6·5	8	4	1	—	—	0·5	5	68	3·58
3·1	1·6	2·4	1·3	1·3	29	1	1	0·7	8	6·5	0·5	—	1	6	6·5	3·5	58	2·92
5·1	1·8	3·6	0·0	0·0	—	—	—	0·4	8	11	—	0·5	0·5	1·5	4·5	2	65	2·06
3·0	1·5	2·4	13·2	—	—	7	6	0·8	139	100·5	40·5	11	9·5	38	50	131·5	575	4·48

Summary of Meteorological Observat

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

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.
1915																		
January	761·30	8·8	19·0	11·8	11·2	19·8	5·4	27·3	30	1·6	24	76	52	75	76	6·4	8·5	7·7
February	61·25	10·2	19·8	12·2	12·1	20·7	6·1	29·0	24	2·9	5, 11	74	45	71	72	6·9	7·7	7·5
March	60·85	14·3	22·5	15·0	14·9	23·3	7·8	33·4	11	4·4	2	67	40	68	68	8·2	8·0	8·6
April	59·32	17·4	25·3	18·3	18·0	26·2	10·9	35·5	13	8·0	2	63	32	60	62	9·3	7·6	9·4
May	59·08	21·2	29·7	21·5	21·5	30·4	13·7	42·2	28	9·5	10	59	26	51	55	10·9	8·0	9·7
June	57·17	25·2	33·9	26·7	26·2	34·6	18·9	45·8	16	16·6	2	65	30	50	58	15·4	11·8	13·1
July	56·20	25·0	33·7	26·8	26·2	34·6	19·1	37·1	17	16·9	18	74	33	55	64	17·4	12·9	14·5
August	56·21	25·0	33·1	26·2	25·8	34·0	18·8	37·3	20	16·7	8	76	39	61	68	17·7	14·4	15·5
September	59·16	22·6	29·9	22·3	22·8	30·7	16·3	36·7	6	13·3	27	78	44	72	75	15·9	13·8	14·5
October...	60·74	19·5	28·7	20·3	20·8	29·6	14·6	37·1	30	12·7	4, 27	85	44	79	82	14·4	12·6	14·0
November	62·19	16·0	24·3	17·0	17·4	25·0	12·5	31·0	12	8·8	30	83	51	77	80	11·3	11·3	11·1
December	64·80	10·6	20·3	14·4	13·4	21·2	8·1	26·6	23	5·5	31	90	58	82	86	8·6	10·2	10·0
Year	759·87	18·0	26·7	19·4	19·2	27·5	12·7	—	—	—	—	74	41	67	70	11·9	10·6	11·3

Summary of Meteorological Obser vat

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

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 (m 8 h.	14 h.	20 h.
1915																		
January	—	9·0	19·4	—	13·1	20·0	6·2	27·8	30	1·6	6	92	65	—	—	7·8	11·0	—
February	—	10·8	20·2	—	14·2	21·3	7·0	29·2	24	2·5	11	87	62	—	—	8·3	11·0	—
March	—	14·3	22·9	—	16·6	23·9	9·3	32·6	11	5·6	6	85	62	—	—	10·2	12·8	—
April	—	17·9	25·9	—	19·8	27·3	12·3	36·1	13	9·6	16	81	60	—	—	12·4	15·0	—
May	—	22·3	30·7	—	23·2	31·8	14·6	43·0	27, 28	10·5	10	71	49	—	—	14·2	16·1	—
June	—	26·5	35·0	—	28·2	36·4	19·9	46·6	16	17·8	1	73	50	—	—	18·7	21·1	—
July	—	26·2	35·0	—	28·3	36·3	20·3	39·2	17	16·9	3	82	50	—	—	20·6	20·9	—
August	—	26·3	34·7	—	28·2	35·9	20·4	39·0	5	18·1	23	81	46	—	—	20·6	18·8	—
eptember	—	23·3	30·6	—	24·8	31·5	18·0	37·6	6	15·3	28	80	48	—	—	16·9	15·6	—
October...	—	21·0	29·6	—	23·1	30·3	15·9	37·6	30	13·1	26, 27	85	50	—	—	15·7	15·3	—
November	—	17·5	24·8	—	19·2	25·3	13·2	31·1	12	9·3	27	84	54	—	—	12·5	12·5	—
December	—	11·9	20·5	—	15·2	21·3	9·1	26·1	23	6·9	14	94	60	—	—	9·6	10·8	—
Year	—	18·9	27·4	—	21·2	28·4	13·8	—	—	—	—	83	55	—	—	14·0	15·1	—

ZAGAZIG for the year 1915.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean		mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	W id
1·8	1·0	1·4		0·0	0·0	—	—	—	2·2	7·5	2·5	4	1·5	22·5	13·5	8·5	2	31	1·46
2·4	1·1	1·7		1·3	1·3	9·10	1	1	1·9	10	1·5	9	0·5	6	6	18	1	32	2·03
3·4	1·1	2·2		3·4	2·3	16	2	2	2·4	14·5	6	3·5	1·5	9	10	9	23·5	16	3·07
3·2	2·1	2·6		0·0	0·0	—	—	—	2·4	29·5	7·5	2·5	1·5	3·5	3	9·5	15	18	3·70
1·7	0·5	1·2		0·0	0·0	—	—	—	1·7	27·5	10	6	—	1	1	3	23·5	21	5·65
0·4	0·2	0·6		0·0	0·0	—	—	—	1·2	30·5	8·5	2	1·5	2	—	4	29·5	12	6·07
0·4	0·0	1·4		0·0	0·0	—	—	—	1·0	44·5	4	—	—	—	—	7	17·5	20	5·18
0·8	0·0	0·9		0·0	0·0	—	—	—	1·3	33	1·5	0·5	—	1	—	19·5	28·5	9	4·03
1·3	0·1	0·9		Drops	Drops	18	—	—	0·8	29·5	—	—	—	—	—	8·5	21	31	2·53
1·6	0·5	1·5		0·0	0·0	—	—	—	0·6	16	3	4	0·5	—	—	4·5	14	51	2·12
2·7	0·9	2·3		1·3	1·0	28	2	1	0·6	12·5	1·5	2	—	13·5	4·5	5·5	5·5	45	1·71
4·6	1·9	3·2		Drops	Drops	24	—	—	0·6	12·5	4	3·5	0·5	3·5	3	10	6	50	1·10
2·0	0·8	1·7		6·0	—	—	5	4	1·4	267·5	50	37	7·5	62	41	107	187	336	3·22

BENHA for the year 1915.

= 13·8 m. h_t = 1·6 m. h_r = 1·3 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		8 h.	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean		mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
4·1	—	—		0·0	0·0	—	—	—	1·5	3	7	4·5	4·5	5	19	9	8	1	2·57
4·3	—	—		Drops	Drops	9, 10	—	—	2·0	3	12·5	4	7	1	12·5	9·5	6·5	—	3·64
5·1	—	—		3·5	2·2	16	2	2	2·3	4	10·5	6	4·5	1	12·5	9	13·5	—	5·12
5·3	—	—		0·0	0·0	—	—	—	2·3	4·5	18	7	2·5	—	5·5	10	12·5	—	6·58
2·5	—	—		Drops	Drops	14	—	—	2·0	6·5	21	14·5	5	—	0·5	7	6·5	1	8·72
1·3	—	—		0·0	0·0	—	—	—	1·9	12	17	5	4	—	4·5	5·5	12	—	9·83
0·4	—	—		0·0	0·0	—	—	—	2·0	13·5	22	6·5	1·5	—	1	5·5	12	—	8·67
0·6	—	—		0·0	0·0	—	—	—	2·1	13·5	17·5	4	0·5	—	1·5	7·5	17·5	—	7·70
0·9	—	—		0·0	0·0	—	—	—	1·9	14·5	23	6	1	—	1·5	2·5	11·5	—	5·52
2·1	—	—		0·0	0·0	—	—	—	1·7	9·5	22	9	3	2	1·5	5	9	1	4·32
3·4	—	—		Drops	Drops	29	—	—	1·9	4·5	21	8	1·5	2·5	9·5	6	7	—	3·87
5·9	—	—		Drops	Drops	21, 24	—	—	1·8	5·5	18·5	11·5	3	3·5	8·5	5·5	6	—	2·53
3·0	—	—		3·5	—	—	2	2	2·0	94	210	86	38	15	78	82	122	3	5·76

Summary of Meteorological Observat

φ = 30° 6′ N. λ = 31° 19′ E. of Green

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.
1915																		
January	—	10·6	19·7	14·5	12·6	20·5	-	29·0	29,30	2·2	20	73	45	63	68	6·9	7·6	7·6
February	—	12·3	20·9	15·4	14·4	21·7	8·9	29·0	2,24	3·7	8	70	41	56	63	7·4	7·2	7·2
March	—	15·9	23·6	18·0	17·2	24·6	11·4	34·5	11	6·5	3	69	36	58	64	9·2	7·5	8·7
April	—	18·1	26·7	21·0	19·9	27·3	13·8	37·0	13	10·7	3	63	32	50	56	9·8	8·3	9·2
May	—	22·4	30·6	24·4	23·5	31·7	16·6	43·0	28	11·9	10	63	30	49	56	12·0	9·4	10·9
June	—	26·5	34·9	29·2	28·0	35·8	21·4	45·5	16	18·6	10	67	34	50	58	16·8	13·8	14·8
July	—	25·9	34·5	29·7	28·0	35·7	21·8	38·0	16,17,18	19·6	9	73	36	52	62	18·0	14·7	16·0
August	—	25·5	34·1	29·2	27·6	35·2	21·8	38·0	Several dates	20·1	8,11,31	78	42	57	68	18·7	16·7	17·1
September	—	22·6	29·9	25·1	24·1	30·9	18·9	36·5	6	15·8	25,27	78	50	69	74	16·0	15·4	16·3
October...	—	20·3	20·4	23·5	22·6	30·2	17·1	37·0	30	13·6	27	81	48	66	74	14·3	14·0	13·9
November	—	16·8	24·8	19·6	18·9	25·4	14·3	32·5	12	9·5	30	81	47	67	74	11·6	10·9	11·5
December	—	12·0	20·8	15·8	14·6	21·4	9·9	28·0	23	7·0	3,4	88	50	73	80	9·1	9·1	9·7
Year	—	19·1	27·5	22·1	20·9	28·4	16·0	—	—	—	—	74	41	59	66	12·5	11·2	11·9

Summary of Meteorological Observat

φ = 30° 5′ N. λ = 31° 17′ E. of Green

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	h.	14 h.	20 h.
1915																		
January	760·63	9·7	18·6	13·9	12·5	20·0	7·7	27·5	30	3·5	20	77	49	69	73	7·0	7·8	8·2
February	60·51	11·0	19·9	15·2	13·8	21·6	8·9	28·3	27	5·0	8	73	42	61	67	7·1	7·2	7·9
March	59·18	14·8	23·4	17·4	16·8	24·6	11·6	34·0	11	7·0	3	67	36	58	62	8·4	7·7	8·6
April	57·50	17·4	26·1	20·5	19·4	27·7	13·8	36·9	13	11·0	17,19	69	36	53	61	10·3	8·7	9·5
May	57·15	21·7	30·4	24·2	23·2	31·7	16·6	42·5	28	11·5	10	61	28	45	53	11·7	9·0	10·0
June	55·34	25·7	34·2	29·0	27·6	35·6	21·3	45·0	16	19·5	2,10	65	31	44	54	15·8	12·5	13·1
July	54·14	25·5	34·3	29·3	27·7	35·9	21·8	38·5	3	19·5	9	72	31	46	59	17·5	12·6	13·9
August	54·24	24·9	33·9	28·2	27·2	35·3	22·0	38·5	26	20·0	8,13,25	77	34	53	65	17·9	13·2	14·9
September	57·16	21·9	30·2	24·2	23·8	31·3	18·8	37·0	6	15·5	27	80	43	64	72	15·7	13·5	14·3
October...	58·58	19·7	29·1	22·5	22·1	30·3	17·0	35·0	30	13·5	27	84	42	66	75	14·3	12·6	13·4
November	60·16	16·0	24·2	19·0	18·2	25·1	13·8	30·8	12	10·0	30	83	48	68	76	11·2	10·7	11·1
December	62·82	11·0	20·2	15·4	14·1	20·7	9·7	26·5	23	7·0	5	92	55	79	86	8·9	9·7	10·3
Year	758·12	18·3	27·0	21·6	20·5	28·3	15·2	—	—	—	—	75	40	59	67	12·2	10·4	11·3

HELIOPOLIS for the year 1915.

= 41·0 m. h_t = 1·5 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
5	3·4	3·5	3·8	—	—	—	—	—	1·6	13	—	5	—	20	—	3	—	52	4·15
2	3·5	1·1	2·9	—	—	—	—	—	1·5	23	—	8	—	12	—	1	—	40	5·73
5	3·8	1·9	2·7	—	—	—	—	—	1·3	25	—	10	—	7	—	—	—	51	6·77
9	4·2	3·0	4·0	—	—	—	—	—	1·6	30	—	10	—	7	—	—	—	43	8·47
8	1·8	0·3	1·3	—	—	—	—	—	2·4	71	—	5	—	—	—	—	—	17	11·75
6	0·1	0·0	0·6	—	—	—	—	—	0·9	47	—	—	—	1	—	—	—	42	12·18
9	0·2	0·1	1·1	—	—	—	—	—	0·9	61	—	—	—	—	—	—	—	32	11·13
1	0·3	0·0	1·1	—	—	—	—	—	0·6	42	—	—	—	—	—	—	—	51	10·03
1	0·4	0·0	0·5	—	—	—	—	—	10	40	—	1	—	—	—	—	—	49	7·92
1	0·5	0·2	0·9	—	—	—	—	—	0·5	17	—	1	—	—	—	—	—	75	7·44
9	0·9	0·3	1·4	—	—	—	—	—	1·1	19	—	2	—	13	—	—	—	56	5·33
1	3·4	1·3	2·9	—	—	—	—	—	1·2	36	—	6	—	—	—	—	—	51	3·62
0	1·9	1·0	1·9	—	—	—	—	—	1·2	424	—	48	—	60	—	4	—	559	7·88

ABBASIYA for the year 1915.

= 29·9 m. h_t = 2·0 m. h_r = 1·0 m. C_h = + 2·7 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	
9	3·3	3·1	3·1	2·5	2·5	8	1	1	2·6	15	2	2	3	38	1	5	—	27	—
9	3·0	1·2	2·4	0·0	0·0	—	—	—	3·5	31	1	1	—	20	4	7	3	17	—
4	3·7	1·8	2·6	4·2	2·2	15	3	2	3·4	37	—	1	3	12	6	17	4	13	—
5	4·4	3·0	4·0	0·0	0·0	—	—	—	3·9	48	1	2	1	9	5	19	1	4	—
5	2·5	0·9	2·0	1·0	1·0	13	1	1	4·2	61	2	—	1	—	2	23	2	2	—
8	1·6	0·5	1·6	0·0	0·0	—	—	—	3·7	38	—	—	—	5	2	34	11	—	—
6	0·5	0·0	1·0	0·0	0·0	—	—	—	3·9	40	—	—	—	—	—	41	12	—	—
5	0·5	0·0	1·0	0·0	0·0	—	—	—	3·5	33	—	—	—	1	2	34	23	—	—
2	0·9	0·0	0·7	0·0	0·0	—	—	—	3·6	64	—	—	—	—	1	11	14	—	—
0	1·9	0·7	1·9	0·0	0·0	—	—	—	2·9	66	1	—	—	—	4	10	10	2	—
0	1·6	1·3	2·0	Drops	Drops	29	—	—	3·7	46	—	—	2	15	3	12	5	7	—
4	4·1	2·4	3·6	2·0	2·0	24	1	1	2·7	36	1	2	1	10	6	13	1	23	—
9	2·3	1·2	2·2	9·7	—	—	6	5	3·5	515	8	8	11	110	36	226	86	95	—

Summary of Meteorological Observati

φ = 30° 3′ N. λ = 31° 15′ E. of Greenw

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.
1915																		
January	—	10·0	—	—	14·0	20·5	7·6	29·0	30	4·1	20	72	—	—	—	6·6	—	—
February	—	11·6	—	—	15·2	21·8	8·6	29·5	24	4·7	8	68	—	—	—	6·9	—	—
March	—	15·4	—	—	18·1	24·9	11·3	34·2	11	7·0	6	64	—	—	—	8·4	—	—
April	—	18·1	—	—	20·5	27·3	13·7	36·6	13	10·9	3	68	—	—	—	10·5	—	—
May	—	22·3	—	—	24·0	31·8	16·2	43·5	28	11·3	10	59	—	—	—	11·8	—	—
June	—	26·4	—	—	28·6	35·8	21·3	45·2	16	18·6	2	65	—	—	—	16·4	—	—
July	—	26·1	—	—	28·6	35·6	21·6	37·9	17	19·8	3	72	—	—	—	17·9	—	—
August	—	25·4	—	—	28·2	34·8	21 7	37·8	20, 26	19·7	8	75	—	—	—	18·0	—	—
September	—	22·6	—	—	25·0	31·5	18·6	36·7	6	15·5	27	75	—	—	—	15·3	—	—
October...	—	20·3	—	—	24·0	31·0	16·9	37·8	30	13·2	27	81	—	—	—	14·3	—	—
November	—	16·6	—	—	20·1	26·4	13·8	32·8	11	9·3	30	80	—	—	—	11·4	—	—
December	—	12·1	—	—	16·1	22·2	10·0	27·9	23	6·9	3	86	—	—	—	9·1	—	—
Year	—	18·9	—	—	21·9	28·6	15·1	—	—	—	—	72	—	—	—	12·2	—	—

Summary of Meteorological Observati

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

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.
1915																		
January	760·79	8·9	19·4	11·3	11·3	20·3	5·6	29·0	30	1·7	14	83	42	79	81	7·0	6·8	7·9
February	60·82	10·7	20·3	13·4	12·6	21·4	6·0	29·0	24	2·0	11	77	39	66	72	7·2	6·8	7·6
March	59·68	14·3	22·9	16·0	15·4	24·1	8·6	33·5	10	3·5	6	72	38	65	68	8·7	7·5	8·7
April	58·04	17·5	25·9	19·5	18·6	27·1	11·5	37·0	13	7·6	1	72	33	56	64	10·5	7·9	9·1
May	57·64	21·7	30·5	23·5	22·4	31·3	13·7	42·6	28	9·1	10	62	24	45	54	11·7	7·3	9·3
June	55·80	25·8	34·4	27·9	26·8	35·5	19·2	45·8	16	16·5	2	63	26	45	54	15·2	10·5	12·4
July	54·64	25·5	34·2	28·6	27·0	35·2	19·5	37·8	17	17·1	3	70	29	46	58	17·0	11·6	13·3
August	54·66	25·2	33·2	26·5	26·1	33·9	19·4	36·3	5, 20	16·1	23	75	37	58	66	17·8	14·1	14·9
September	57·51	22·6	30·0	22·9	23·0	30·8	16·5	36·0	6	12·5	27	77	44	69	73	15·8	13·9	14·3
October...	58·93	20·1	29·6	21·7	21·6	30·4	15·1	38·1	30	12·1	27	85	39	70	78	14·9	11·8	13·4
November	60·63	16·3	24·7	17·8	17·8	25·2	12·4	33·4	12	9·3	30	84	43	72	78	11·7	10·0	11·0
December	63·30	11·1	20·5	14·5	13·6	21·3	8·3	27·6	23	4·9	4	92	54	83	88	9·1	9·6	10·2
Year	758·54	18·3	27·1	20·3	19·7	28·0	13·0	—	—	—	—	76	37	63	70	12·2	9·8	11·0

CAIRO (EZBEKIYA) for the year 1915.

= 22·0 m. h_t = 1·5 m. h_r = 1·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
					Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									
									8 h	Number of observations in which the wind-direction was recorded as									mm. per day
h.	14 h.	20 h.	Mean	Total mm.	Amount	Date	of rain		Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
·2	—	—	—	4·6	4·6	8	1	1	1·3	1	—	—	1	11	1	—	—	17	2·94
·6	—	—	—	Drops	Drops	1, 3, 9	—	—	1·2	7	—	—	—	4	2	—	1	14	3·96
·7	—	—	—	1·8	1·8	15	1	1	1·6	8	—	—	—	10	1	—	—	12	4·80
·9	—	—	—	Drops	Drops	5	—	—	1·1	6	—	—	1	4	1	—	1	17	5·74
·0	—	—	—	Drops	Drops	13	—	—	1·6	18	—	—	—	1	—	—	1	11	7·59
·0	—	—	—	0·0	0·0	—	—	—	1·0	9	1	—	—	2	—	—	1	17	8·28
·6	—	—	—	0·0	0·0	—	—	—	0·6	4	1	—	—	1	—	—	2	23	7·20
·5	—	—	—	0·0	0·0	—	—	—	0·8	10	1	1	—	—	—	—	—	19	5·58
·0	—	—	—	0·0	0·0	—	—	—	0·5	4	—	—	—	—	—	—	3	23	4·26
·6	—	—	—	0·0	0·0	—	—	—	0·8	13	1	—	—	—	—	—	—	17	3·56
·8	—	—	—	Drops	Drops	29	—	—	1·2	4	3	1	—	6	1	—	1	14	2·85
·1	—	—	—	1·6	1·6	24	1	1	0·5	2	—	—	—	3	2	—	—	24	1·84
·7	—	—	—	8·0	—	—	3	3	1·0	86	7	2	2	42	8	—	10	208	4·88

GIZA for the year 1915.

= 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
					Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									
									Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
h.	14 h.	20 h.	Mean	Total mm.	Amount	Date	of rain		Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
·0	3·1	2·9	3·7	0·3	0·3	8	1	—	2·2	4	2	—	5·5	10·5	34	2	31	4	2·40
·6	3·3	1·2	2·7	Drops	Drops	3	—	—	2·6	9	8	1	1	9	16	4·5	33·5	2	2·88
·3	3·7	1·2	2·4	1·7	1·7	15	1	1	2·7	22·5	1	—	1	9·5	17·5	1	39·5	1	4·07
·2	3·7	3·0	4·0	0·0	0·0	—	—	—	3·0	24·5	4·5	—	2	1·5	9·5	2	46	—	5·42
·5	1·7	1·1	1·8	Drops	Drops	13	—	—	2·9	33·5	12	—	2	—	2	1	40·5	2	8·14
·6	0·4	0·2	0·7	0·0	0·0	—	—	—	2·8	40·5	3·5	—	2	3	—	—	41	—	8·35
·5	0·1	0·0	0·9	0·0	0·0	—	—	—	3·2	35	7	—	—	—	3	3	45	—	8·32
·2	0·2	0·0	0·8	0·0	0·0	—	—	—	3·4	23·5	1	—	—	—	1	3	64·5	—	5·41
·0	0·4	0·0	0·8	0·0	0·0	—	—	—	2·9	33	—	—	—	—	—	—	57	—	3·80
·3	1·5	0·4	1·7	0·0	0·0	—	—	—	2·6	35·5	3	—	—	—	1	1	52·5	—	3·61
·0	0·9	0·5	1·8	Drops	Drops	20, 29	—	—	2·7	22·5	5	—	—	6·5	7·5	7·5	40	1	3·14
·1	4·8	2·1	4·3	1·6	1·6	24	1	1	2·4	28	3·5	—	—	3	9	7·5	42	—	4·04
·4	2·0	1·0	2·1	3·6	—	—	3	2	2·8	311·5	50·5	1	13·5	43	100·5	32·5	532·5	10	4·96

Summary of Meteorological Observati

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

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.	M
1915																			
January	763·50	13·1	—	17·7	15·0	20·8	9·3	26·0	26	5·0	15	87	—	80	84	9·7	—	12·1	1
February	63·30	13·1	21·4	19·0	16·3	23·1	9·5	31·0	25	6.0	5,6	77	50	52	64	8·6	9·4	8·6	
March	61·92	15.8	23·0	21·7	18·2	24·7	11·7	30·0	21,22,31	7·0	2,6	72	47	48	60	9·6	9·9	9·3	
April	60·42	18·8	25·9	24·4	21·2	28·0	14·3	31·0	10,13	12·0	Several dates	72	52	51	62	11·7	12·8	11·6	1
May	59·50	22·6	30·6	—	24·8	33·1	16·6	42·0	26,27	12·0	6,10	69	44	—	—	14·0	14·4	—	
June	57·77	27·1	—	33·3	29·0	36·9	21·0	42·0	15,30	19·0	1,2,10	66	—	45	56	17·6	—	16·8	1
July	56·50	27·0	35·7	33·9	29·4	37·3	21·6	41·0	3	19·0	3,12	64	30	33	48	16·9	13·0	13·1	1
August	56·20	26·6	35·6	33 7	29·4	37·1	21·7	40·0	20.24,26	20·0	2,16,24	68	31	34	51	17·6	13·3	13·2	1
September	59·28	24·3	32·2	29·8	26·8	33·8	19·9	39·0	5,6	16·0	27	69	33	39	54	15·6	11·8	12·2	1
October...	61·02	22·4	30·6	28·0	25·2	32·3	18·2	37·0	28	16·0	15,25	72	37	41	56	14·4	11·9	11·3	1
November	62·92	18·4	25·4	22·8	20·8	26·8	14·7	34·0	1	11·0	30	71	44	51	61	11·2	10·5	10·4	1
December	65·72	13·8	21·9	19·6	16·8	22·8	10·7	27·0	18,24	8·0	Several dates	81	46	52	66	9·5	9·1	8·8	
Year	760·67	20·2	28·2	25·8	22·7	29·7	15·8	—	—	—	—	72	41	48	60	13·0	11·6	11·6	1

Summary of Meteorological Observati

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

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.	M
1915																			
January	752·78	11·1	19·1	15·1	13·6	20·4	9·1	28·6	29	5·1	16,17	63	39	52	58	6·0	6·2	6·4	
February	52·67	12·3	20·2	15·9	14·5	21·7	9·7	28·9	27	4·4	4	58	31	43	50	6·0	5·2	5·6	
March	51·54	15·1	23·0	18·6	17·1	24·8	11·8	34 0	11	6·4	1	58	29	43	50	7·1	5·8	6·5	
April	49·95	17·5	25·9	21·7	19·8	27·9	14·0	37·6	13	10·4	9	61	27	39	50	8·7	6·3	7·1	
May	49·48	21·7	30·3	25·1	23·6	31·7	17·3	43·4	28	12·5	3,9	52	20	34	43	9·3	5·8	7·9	
June	47·79	25·3	34·2	30·0	27·8	35·7	21·5	46 3	16	19·0	27	58	22	34	46	13·3	8·5	10·5	1
July	46·59	25·3	34·3	30·5	27·9	35·9	21·4	39·5	4	19·5	3	62	22	34	48	14·4	8·7	11·0	1
August	46·71	24·6	34·0	29·7	27·5	35·4	21·7	39·5	25	19·8	8	70	26	41	56	15·9	10·2	12·5	1
September	49 51	22·3	30·5	25·8	24·5	31·9	19·4	39·7	6	16·4	25	70	32	50	60	14·0	10·2	12·2	1
October...	50·90	21·4	30·2	24·5	23·6	31·2	18·2	37·9	9	14·9	27	70	29	52	61	13·1	8·9	11·6	1
November	52·52	17·4	24·7	19·8	19·3	25·6	15·2	32·2	11	8·3	30	70	38	57	64	10·4	8·6	9·9	
December	55·09	12·9	20·5	16·6	15·4	21·7	11·4	27·1	23	7·9	1	80	44	63	72	8·7	7·8	8·9	
Year	750·46	18·9	27·2	22·8	21·2	28·7	15·9	—	—	—	—	64	30	45	55	10·6	7·7	9·2	

SUEZ for the year 1915.

= 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
			Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
h.	14 h.	17 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	
6	1·8	1·7	2·2	0·0	0·0	—	—	—	1·9	15	4·5	6·5	1	9	14·5	8·5	8	19	—
3	2·0	1·4	1·4	3·0	3·0	3	1	1	1·4	24·5	11	5·5	—	10	2·5	5·5	—	21	—
0	1·7	1·2	1·1	1·3	1·3	15	1	1	1·0	21	9	3	—	11	7	2	6	28	—
4	3·4	3·4	2·9	0·0	0·0	—	—	—	1·2	32·5	10·5	1	1	4	2	1	7	25	—
7	1·3	1·1	0·9	0·3	0·3	15	1	—	1·0	30·5	20·5	2	—	—	1	1	—	24	—
6	—	0·2	0·4	0·0	0·0	—	—	—	0·8	20	11	0·5	—	—	3	—	0·5	24	—
5	0·0	0·0	0·2	0·0	0·0	—	—	—	0·8	33·5	19	—	2	—	—	—	0·5	32	—
1	0·0	0·0	0·6	0·0	0·0	—	—	—	0·9	36·5	23	1	—	1	3	—	7·5	16	—
0	0·0	0·0	0·5	0·0	0·0	—	—	—	1·0	50	12·5	—	—	—	—	—	7·5	18	—
6	0·2	0·3	0·4	0·0	0·0	—	—	—	0·7	38	6	1	—	—	—	2	6	35	—
1	0·7	0·6	0·8	0·0	0·0	—	—	—	0·8	24·5	5·5	1	2	8	1	4·5	4·5	35	—
9	1·5	0·8	1·8	1·2	1·2	24	1	1	1·2	30	11	6·5	1	7	1	1·5	9	23	—
3	1·1	0·9	1·1	5·8	—	—	4	3	1·1	356	143·5	28	7	50	25	26	56·5	300	—

HELWAN for the year 1915.

: 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
			Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
0	2·8	3·5	3·1	7·3	7·3	8	1	1	2·6	11	14	10·5	12·5	18	11	8·5	7·5	—	2·44
9	2·8	1·2	2·3	0·7	0·7	9	1	—	2·9	18·5	19·5	7·5	5·5	6·5	6·5	11	9	—	3·72
2	3·1	1·5	2·3	Drops	Drops	15, 25, 27	—	—	2·9	28	17·5	5·5	7	5·5	5	8·5	16	—	4·85
2	3·6	3·7	3·8	Drops	Drops	6, 13	—	—	3·3	32	18	2·5	3	3·5	5·5	8·5	17	—	6·17
5	1·3	1·1	1·3	0·0	0·0	—	—	—	3·7	29·5	35·5	3	1	—	1·5	2	20·5	—	8·43
5	0·7	0·4	0·6	0·0	0·0	—	—	—	3·5	40	12·5	3	2	1	1	0·5	30	—	9·29
1	0·2	0·0	0·4	0·0	0·0	—	—	—	3·4	45	11	1	—	—	—	1	35	—	9·33
5	0·1	0·0	0·5	0·0	0·0	—	—	—	3·5	47	9	2	—	—	—	—	35	—	8·43
1	0·2	0·0	0·4	0·0	0·0	—	—	—	3·6	57	17	—	—	—	—	—	16	—	6·54
1	1·4	0·5	1·0	0·0	0·0	—	—	—	3·3	46·5	26	1·5	0·5	2	0·5	2	14	—	5·93
1	1·3	1·5	1·7	Drops	Drops	25	—	—	3·2	22·5	33·5	5·5	4	6	5	5	7·5	1	3·83
1	4·4	2·1	3·3	3·5	3·5	24	1	1	2·9	29	40·5	1	5	1·5	1	4	11	—	2·67
1	1·8	1·3	1·7	11·5	—	—	3	2	3·2	406	254	43	40·5	44	37	51	218·5	1	5·97

Summary of Meteorological Observati

φ = 29° 20′ N. λ = 30° 38′ E. of Greenwi

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.
1915																		
January	—	8·8	17·6	12·6	10·9	17·8	4·7	20·9	26	2·0	11,12	77	62	80	78	6·5	9·3	8·6
February	—	11·3	21·3	13·9	13·2	21·9	6·2	29·3	25	3·7	6,22	82	55	76	79	8·1	10·3	8·9
March	—	15·0	24·5	17·0	16·2	25·1	8·1	33·7	11	3·2	2	77	49	69	73	9·8	11·1	9·9
April	—	19·0	28·6	21·0	20·0	29·1	11·4	39·3	25	6·7	3	63	39	58	60	10·3	11·3	10·8
May	—	23·0	32·4	25·4	24·2	33.1	15·9	45·0	28	12·2	2	71	47	59	65	14·9	17·0	14·2
June	—	27·5	36·8	29·6	28·5	37·8	20·1	46·8	16	17·0	11	76	60	70	73	20·6	27·6	21·7
July	—	27·4	36·7	29·9	28·6	37·3	20·6	40·5	17	18·4	26	84	70	80	82	22·9	31·9	25·1
August	—	27·1	36·6	29·8	28·4	37·0	20·2	40·6	26	18·1	23	85	66	75	80	22·7	30·2	23·3
September	—	24·3	32·8	25·2	25·0	33·1	17·6	40·1	6	13·5	25	79	53	74	76	17·7	19·7	17·5
October...	—	22·3	31·1	23·3	23·0	31·5	15·4	36 0	29,30	13·5	14,16,25	83	53	78	80	16·5	17·8	16·6
November	—	17·5	25·8	18·5	18·7	26·2	12·9	31·2	12	7·2	28	85	63	82	84	12·6	15·4	13·0
December	—	12·8	21·9	14·7	14·7	23·0	9·4	27·8	23	5·7	1	—	—	—	—	—	—	—
Year ...	—	19·7	28·8	21·7	21·0	29·4	13·5	—	—	—	—	78	56	73	75	14·8	18·3	15·4

Summary of Meteorological Observat

φ = 29° 12′ N. λ = 25° 29′ E. of Green

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 (m 8 h.	14 h.	20 h.
1915																		
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	765·52	12·6	—	—	15·2	24·6	5·8	35·1	23	1·5	6,11	70	—	—	—	7·7	—	—
March	64·45	15·2	—	—	*18·6*	28·2	*9·1*	37·1	10,11	***0·0***	**2**	70	—	—	—	9·0	—	—
April	62·57	19·1	—	—	21·3	30·5	12·1	39·6	24	7·1	1	70	—	—	—	11·6	—	—
May	62·66	22·7	—	—	25·5	34·6	16·4	44·6	27	12·5	4	68	—	—	—	13·9	—	—
June	61·18	28·0	—	—	30·0	39·1	20·9	47·2	15	18·0	9	61	—	—	—	17·1	—	—
July	60·60	26·7	—	—	29·8	38·3	21·2	42·0	17	16·3	21	70	—	—	—	18·2	—	—
August	60·73	26·2	—	—	29·9	38·6	21·2	46·1	24	18·0	15	71	—	—	—	17·9	—	—
September	63·00	24·1	—	—	27·0	36·1	18·0	43·7	2	12·0	27	67	—	—	—	15·0	—	—
October...	64·58	21·3	—	—	24·8	35·4	14·1	40·3	9	10·0	27	70	—	—	—	13·2	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

QASR EL GEBALI for the year 1915.

= 7·6 m. h_t = 1·7 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wind
0·3	0·5	0·1	0·3	—	—	—	—	—	1·4	87	—	—	—	—	—	—	—	—	*1·63*
1·1	0·8	0·2	0·7	—	—	—	—	—	1·6	77	—	—	—	—	—	1	—	6	2·46
1·4	2·2	0·7	1·4	—	—	—	—	—	1·7	62	4	—	—	1	—	4·5	0·5	19	2·99
1·1	2·9	2·6	2·9	—	—	—	—	—	2·0	69	—	—	—	2	—	3	1	13	5·37
1·2	1·2	0·8	1·1	—	—	—	—	—	2·1	68	4	4	—	—	—	3	1	13	8·06
0·3	0·6	0·1	0·3	—	—	—	—	—	1·9	70	2	—	—	—	—	—	3	15	7.96
0·4	0·3	0·0	0·2	—	—	—	—	—	2·0	81	—	1	—	—	—	—	1	8	7·97
0·7	0·0	0·0	0·2	—	—	—	—	—	2·5	82	2	—	—	—	—	—	1	5	6·04
0·6	0·1	0·0	0·2	—	—	—	—	—	2·4	79·5	3·5	—	—	—	—	—	1	5	4·67
0·7	0·6	0·3	0·5	—	—	—	—	—	2·2	83	1	—	—	—	—	—	2	5	3·59
1·7	1·1	0·3	1·0	—	—	—	—	—	1·9	66·5	0·5	—	—	—	—	1	8	14	2·23
1·4	2·6	1·7	2·2	—	—	—	—	—	1·7	77	2	1	—	—	—	—	—	13	1·68
1·2	1·1	0·6	0·9	—	—	—	—	—	2·0	902	19	6	—	3	—	12·5	18·5	116	4·55

SIWA for the year 1915.

= — 23 m. h_t = 1·5 m. C_h = — 2·0 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		8 h.	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	0·8	—	1	3	1	—	—	4	—	19	—
6	—	—	—	—	—	—	—	—	1·5	0·5	3	2·5	—	—	6·5	3·5	4	11	—
8	—	—	—	—	—	—	—	—	1·9	5	2·5	9·5	—	—	2·5	1·5	3	6	—
9	—	—	—	—	—	—	—	—	2·1	2·5	9·5	13	—	—	—	—	—	6	—
0	—	—	—	—	—	—	—	—	1·5	5	7·5	7·5	—	—	—	—	2	8	—
1	—	—	—	—	—	—	—	—	2·1	13	4·5	7·5	—	—	—	2	1	3	—
7	—	—	—	—	—	—	—	—	1·9	15·5	3	1	—	—	—	—	3·5	7	—
6	—	—	—	—	—	—	—	—	1·9	14·5	1	6	—	—	—	2	1·5	5	—
3	—	—	—	—	—	—	—	—	1·2	5·5	1	4	—	—	—	0·5	3	17	—
.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observatio

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

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.	Me
1915																			
January	—	12·4	—	—	12·8	20·8	4·9	27·5	31	0·3	14	69	—	—	—	7·4	—	—	—
February	—	11·8	—	—	13·0	22·1	4·0	28·5	1	1·3	11, 12	57	—	—	—	5·8	—	—	—
March	—	16·7	—	—	17·9	26·3	9·5	31·5	28	4·0	1	58	—	—	—	8·3	—	—	—
April	—	20·4	—	—	20·1	29·8	10·4	33·5	5	9·0	3	58	—	—	—	10·4	—	—	—
May	—	24·0	—	—	23·8	33·7	13·9	42·4	28	10·0	5, 6, 9	51	—	—	—	11·4	—	—	—
June	—	27·8	—	—	28·4	37·0	19·7	45·5	16	17·0	2	52	—	—	—	14·3	—	—	—
July	—	27·0	—	—	28·4	37·0	19·9	40·5	4	14·5	3	60	—	—	—	15·7	—	—	—
August	—	26·2	—	—	28·0	36·2	19·9	40·0	2	16·5	23	67	—	—	—	16·9	—	—	—
September	—	23·4	—	—	24·6	32·5	16·6	38·0	5, 6	12·5	25	70	—	—	—	14·8	—	—	—
October	—	22·2	—	—	22·8	31·0	14·5	39·0	28	11·5	31	68	—	—	—	13·4	—	—	—
November	—	17·7	—	—	18·8	26·2	11·4	27·5	Several dates	8·0	30	71	—	—	—	10·8	—	—	—
December	—	15·3	—	—	*15·6*	*22·2*	9·1	*25·5*	*26*	6·0	14	77	—	—	—	9·9	—	—	—
Year	—	20·4	—	—	21·2	29·6	12·8	—	—	—	—	63	—	—	—	11·6	—	—	—

Summary of Meteorological Observatio

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

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.	Me
1915																			
January	762·48	13·6	21·2	17·5	15·8	22·8	10·7	28·4	17	5·3	14	67	54	59	63	8·2	10·4	9·3	9
February	61·38	14·4	21·5	19·6	16·5	23·9	10·6	29·9	28	7·2	6	54	52	49	52	16·6	10·0	8·4	8
March	60·58	18·3	23·1	20·5	19·0	24·8	14·1	31·0	11	7·6	7	58	51	53	56	19·2	10·4	9·6	9
April	57·92	21·2	25·0	23·8	21·9	27·4	17·7	34·0	26	12·0	4	64	51	49	56	11·9	11·6	10·6	11
May	57·12	23·3	26·8	25·8	23·8	29·0	19·5	35·2	23	13·0	3	68	54	52	60	14·3	13·9	12·5	13
June	55·15	26·4	30·7	30·6	27·9	34·5	23·9	41·1	16	21·3	11	70	54	46	58	17·9	17·5	14·6	16
July	53·66	26·9	30·8	30·5	28·2	33·8	24·7	37·2	17	21·4	15	74	53	52	63	19·4	17·3	16·5	17
August	53·46	27·6	30·7	30·2	28·3	33·7	24·8	39·1	26, 27	21·4	15	71	55	56	64	19·3	18·1	17·4	18
September	55·69	26·3	28·4	28·4	26·4	30·6	22·4	37·0	14	18·4	29	69	65	59	64	17·4	18·6	16·7	17
October	58·38	23·3	27·5	25·6	23·7	28·7	18·5	32·3	9	15·4	29	68	68	73	70	14·6	18·6	17·7	17
November	60·74	17·4	24·6	23·9	19·9	25·7	13·7	29·0	12	10·5	28	58	61	62	60	8·6	14·1	14·0	12
December	63·25	13·8	22·2	21·3	17·0	23·0	10·9	28·0	23	7·5	5	60	60	59	60	7·2	12·0	11·2	10
Year ...	758·32	21·0	26·0	24·8	22·4	28·2	17·6	—	—	—	—	65	56	56	60	12·9	14·4	13·2	13

ENI SUEF for the year 1915.

28·4 m. h_t = 1·6 m.

Clouds (0—10) 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 8 h. Scale 0–10	Direction N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Wild
—	—	—	—	—	—	—	—	1·2	—	4	1	5	1	15	—	5	—	2·15
—	—	—	—	—	—	—	—	1·1	—	—	3	3	16	1	2	3	—	3·06
—	—	—	—	—	—	—	—	1·3	19	3	5	—	1·5	0·5	2	—	—	3·21
—	—	—	—	—	—	—	—	1·5	17	11	—	—	—	—	—	—	—	5·07
—	—	—	—	—	—	—	—	1·0	18·5	9	—	—	—	—	1	0·5	2	8·19
—	—	—	—	—	—	—	—	1·1	18	3	—	2	—	2	—	5	—	10·91
—	—	—	—	—	—	—	—	1·1	18	8	—	—	—	1	1	3	—	10·48
—	—	—	—	—	—	—	—	1·1	12	9	—	—	—	—	1	6	3	9·65
—	—	—	—	—	—	—	—	1·2	12·5	9	—	—	—	—	—	6·5	2	6·88
—	—	—	—	—	—	—	—	1·0	15·5	14·5	—	—	—	—	1	—	—	4·98
—	—	—	—	—	—	—	—	1·1	16	2	1	—	3	1	7	—	—	2·71
—	—	—	—	—	—	—	—	1·0	22	—	—	—	—	—	7	—	—	2·23
—	—	—	—	—	—	—	—	1·1	168·5	72·5	10	10	21·5	20·5	22	29	7	5·79

DR for the year 1915.

1·9 m. h_t = 1·9 m. C_h = + 0·2 mm.

Clouds (0—10) 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 N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
2·9	2·5	2·9	—	—	—	—	—	2·1	30·5	9·5	1·5	2	10	0·5	6·5	16·5	16	4·54
2·5	2·4	2·5	—	—	—	—	—	3·0	28	8·5	0·5	1·5	5·5	2·5	2·5	28	7	7·04
2·9	2·0	2·4	—	—	—	—	—	3·3	31·5	5·5	1·5	1·5	9·5	5·5	4·5	26·5	7	8·46
3·6	3·4	3·3	—	—	—	—	—	4·1	23·5	0·5	—	2	9	—	4	50	1	9·02
1·7	2·6	1·9	—	—	—	—	—	3·4	17	0·5	—	—	3	2·5	11·5	46·5	12	9·24
0·2	0·3	0·3	—	—	—	—	—	4·0	20	0·5	—	—	2·5	2·5	8	55·5	1	10·59
0·3	0·2	0·3	—	—	—	—	—	3·9	21·5	—	—	—	1·5	1·5	2	64.5	2	9·29
0·5	0·2	0·3	—	—	—	—	—	3·7	19	—	—	—	—	2	1·5	66·5	4	9·14
0·2	0·1	0·1	—	—	—	—	—	4·0	10	—	—	—	—	—	0·5	79·5	—	8·53
1·0	1·3	1·1	—	—	—	—	—	2·4	15·5	3	—	—	—	1	—	50·5	23	5·30
1·8	0·9	1·5	—	—	—	—	—	2·2	11	15·5	—	—	1	—	—	47·5	15	5·78
2·7	2·0	2·7	—	—	—	—	—	2·4	15·5	17	1·5	5	—	—	—	42	12	5·45
1·7	1·5	1·6	—	—	—	—	—	3·2	243	60·5	5	12	42	18	41	573·5	100	7·70

Summary of Meteorological Observat

φ = 28° 6′ N. λ = 30° 46′ E. of Green

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.
1915																		
January	—	11·1	—	—	13·8	20·0	7·5	27·0	30	2·9	5	74	—	—	—	7·3	—	—
February	—	12·4	—	—	15·3	22·0	8·6	31·0	2	4·9	6, 11	71	—	—	—	7·6	—	—
March		16·3	—	—	18·6	25·4	11·8	33·5	11	6·9	2, 6	66	—	—	—	9·2	—	—
April	—	19·8	—	—	22·1	29·5	14·7	39·1	25	10·6	9	58	—	—	—	10·1	—	—
May	—	23 0	—	—	24·6	32·2	17·0	44·9	28	13·1	11	57	—	—	—	11·9	—	—
June	—	27·2	—	—	29·5	37·2	21·8	46·3	16	20·0	3, 22, 26	54	—	—	—	14·5	—	—
July	—	27·0	—	—	29·7	37·4	22·0	42·0	4, 20	18·9	3	60	—	—	—	15·5	—	—
August	—	26·2	—	—	29·3	36·6	22·0	40·8	25	19·4	23	67	—	—	-	16·9	—	—
September	—	23·5	—	—	25·8	32·1	19·6	38·2	6	16·2	25, 27	69	—	—	—	14·7	—	—
October...	—	21·3	—	—	24·0	29·9	18·1	34·4	30	15·2	27	77	—	—	—	14·4	—	—
November	—	16·9	—	—	19·4	24·7	14·1	29·5	12	7·3	30	81	—	—	—	11·7	—	—
December	—	12·1	—	—	15·3	21·1	9·5	28 9	23	6·1	13	87	—	—	—	9·2	—	—
Year	—	19·7	—	—	22·3	29·0	15·6	—	—	—	—	68	—	—	—	11·9	—	—

Summary of Meteorological Observat

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

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.
1915																		
January	758·35	10·9	19·8	14·4	13·3	20·5	8·0	29·0	30	3·5	5	77	55	67	72	7·6	9·6	8·1
February	57·87	11·8	21·4	15·2	14·3	22·1	8·9	30·0	25	5·0	6	74	44	63	68	7·6	8·3	7·9
March	56·66	16 0	25·9	19·5	18·3	26·6	11·7	35·0	31	6·5	3	65	36	52	58	8·8	8·8	8·6
April	54·84	20·7	29·6	23·8	22·5	30·2	16·0	39·5	5	11·5	2	52	29	42	47	9·3	8·8	9·1
May	53·83	24·7	33·0	27·6	26·1	33·6	19·1	44·0	28	14·0	3	44	29	40	42	10·2	10·9	10·7
June	52·06	2 ·7	36·8	32·6	30·4	37·3	23·6	45 5	16	21·8	26, 27, 28	55	37	43	49	15·8	16·9	15·8
July	51·14	28·4	37·0	33·2	30·6	37·6	23·7	45 0	20	21·3	3	57	36	43	50	16·1	16·3	15·9
August	50·93	27·4	35·7	32·2	29·7	36·2	23·5	42·0	25	21·3	31	66	46	51	58	17·9	20·1	18·2
September	53·44	23·7	32·0	29·3	26·4	32·5	20·5	40·0	5, 6	17·3	27, 28	74	48	49	62	15·9	16·9	15·0
October...	54·92	22·0	29·8	26·1	24·2	30·2	19·1	34·5	30	16·0	27	72	51	57	64	14·1	15·7	14·2
November	57·34	16·9	24·7	20·7	19·0	25·5	13·8	30·5	1	8·0	30	76	54	63	70	10·9	12·3	11·4
December	59·79	11·8	21·0	16·3	14·6	21·7	9·2	27·0	18	6·0	1	85	50	66	76	8·8	9·2	9·2
Year	755·10	20·2	28·9	24·2	22·4	29·5	16·4	—	—	—	—	66	43	53	60	11·9	12·8	12·0

MINYA for the year 1915.

= 43·0 m. h_t =1·8 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		8 h.	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
·3	—	—	—	—	—	—	—	—	1·7	5·5	17·5	8	—	—	—	—	—	—	2·24
·0	—	—	—	—	—	—	—	—	2·4	24·5	3·5	—	—	—	—	—	—	—	3·54
·5	—	—	—	—	—	—	—	—	2·5	28·5	2·5	—	—	—	—	—	—	—	5·56
·3	—	—	—	—	—	—	—	—	1·9	17·5	4·5	1	—	—	—	—	—	7	9·05
·3	—	—	—	—	—	—	—	—	2·5	25	1	—	—	—	—	1	—	4	11·65
·2	—	—	—	—	—	—	—	—	2·2	19·5	1·5	1	—	—	—	—	2	6	15·31
·0	—	—	—	—	—	—	—	—	2.2	19·5	2	—	—	—	—	—	2·5	7	14·68
·0	—	—	—	—	—	—	—	—	2·7	24	2	—	—	—	—	—	4	1	14·21
·0	—	—	—	—	—	—	—	—	2·3	25	0·5	—	—	—	—	—	3·5	1	13·63
·6	—	—	—	—	—	—	—	—	1·2	24	—	—	—	—	—	—	1	6	8·20
·0	—	—	—	—	—	—	—	—	0·8	15·5	—	—	—	—	—	—	0·5	14	3·73
·3	—	—	—	—	—	—	—	—	0·6	12	—	—	—	—	—	—	—	19	2·83
·1	—	—	—	—	—	—	—	—	1·9	240·5	35	10	—	—	—	1	13·5	65	8·72

ASYUT for the year 1915.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
·2	0·3	0·3	0·3	—	—	—	—	—	2·0	24	4	—	—	—	0·5	4	60·5	—	1·95
·2	0·2	0·1	0·2	—	—	—	—	—	2·0	29	1	—	—	—	—	1·5	52·5	—	3·67
·1	0·0	0·0	0·0	—	—	—	—	—	1·7	31	2·5	1·5	2·5	1	3	1·5	39	11	6·77
·1	0·1	0·0	0·1	—	—	—	—	—	1·1	28	3·5	—	—	1	3	1	30·5	23	9·94
·0	0·0	0·0	0·0	—	—	—	—	—	1·1	30·5	11	—	—	—	—	1	17·5	33	12·00
·0	0·0	0·0	0·0	—	—	—	—	—	1·4	38·5	11	—	—	—	—	1	26·5	13	15·23
·0	0·0	0·0	0·0	—	—	—	—	—	1·4	37	3·5	—	—	—	—	—	42·5	10	15·04
·0	0·0	0·0	0·0	—	—	—	—	—	1.4	42	9	—	—	—	—	1	39	2	14·27
·0	0·0	0·0	0·0	—	—	—	—	—	1·9	35	7·5	—	—	—	—	1	43·5	3	11·14
·0	0·0	0·0	0·0	—	—	—	—	—	1·0	22·5	0·5	0·5	0·5	—	—	0·5	57·5	11	6·77
·1	0·0	0·0	0·0	—	—	—	—	—	1·3	14·5	2·5	—	—	—	—	13	60	—	3·55
·1	0·0	0·0	0·0	—	—	—	—	—	1·5	14·5	0·5	—	0·5	0·5	—	12·5	64·5	—	3·12
·1	0·0	0·0	0·0	—	—	—	—	—	1·5	346·5	56·5	2	3·5	2·5	6·5	38	533·5	106	8·62

Summary of Meteorological Observati

φ = 26° 10′ N. λ = 32° 43′ E. of Greenw

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.
1915																		
January	—	13·3	—	—	14·3	20·5	8·1	32·4	31	5·9	18	65	—	—	—	7·4	—	—
February	—	13·9	—	—	16·8	23·8	9.9	35·1	27	7·0	11, 12, 13	62	—	—	—	7·4	—	—
March	—	18·2	—	—	22·4	32·8	12·1	35·9	15	10·3	Several dates	55	—	—	—	8·5	—	—
April	—	19·4	—	—	24·6	37·4	11·8	43·0	26	10·3	1	53	—	—	—	8·9	—	—
May	—	24·3	—	—	28·3	40·1	16·5	45·2	29	11·5	4	49	—	—	—	10·9	—	—
June	—	31·4	—	—	32·4	41·7	23·2	46·0	16	20·3	5	44	—	—	—	15·0	—	—
July	—	32·2	—	—	32·5	41·4	23·6	46.0	4, 5	20·9	29	43	—	—	—	15·3	—	—
August	—	31·8	—	—	32·6	41·3	23·9	44·8	25	21·9	24, 25	44	—	—	—	15·4	—	—
September	—	27·8	—	—	29·9	38·5	21·3	43·3	7	17·1	28	53	—	—	—	14·6	—	—
October	—	25·7	—	—	27·1	36·0	18·2	40·8	8	15·9	17, 26	55	—	—	—	13·4	—	—
November	—	20·5	—	—	22·0	30·4	13·7	36·1	4	8·9	30	58	—	—	—	10·5	—	—
December	—	16·8	—	—	18·0	25·8	10·2	34·3	23	5 8	1	60	—	—	—	8·6	—	—
Year	—	22·9	—	—	25·1	34·1	16·0	—	—	—	—	53	—	—	—	11·3	—	—

Summary of Meteorological Observati

φ = 25° 29′ N. λ = 29° E. of Greenw

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.
1915																		
January	—	9·8	—	—	15·0	24·2	5·8	35·3	31	—0·5	14	57	—	—	—	5·2	—	—
February	—	12·1	—	—	16·8	26·0	7·6	35·8	2	3·3	5	55	—	—	—	5·8	—	—
March	—	16·5	—	—	20·5	30·1	10·9	38·4	28	5·3	2	49	—	—	—	6·7	—	—
April	—	24·0	—	—	—	35·5	—	40·1	13, 25	—	—	44	—	—	—	9·7	—	—
May	—	25·5	—	—	—	40·2	—	46·0	27	—	—	38	—	—	—	8·9	—	—
June	—	27·2	—	—	*32·4*	41·1	*23·8*	44·0	10, 13, 17	*22·0*	*14, 25, 26*	34	—	—	—	9·1	—	—
July	—	31·9	—	—	—	39·3	—	44·0	2	*21·5*	*2*	45	—	—	—	16·0	—	—
August	—	31·7	—	—	*31·2*	38·6	*23·8*	44·3	25	*21 9*	*25, 31*	34	—	—	—	11·9	—	—
September	—	27·7	—	—	—	—	21·3	*42·5*	*3*	15·8	29	47	—	—	—	13·2	—	—
October...	—	23·8	—	—	*25·9*	*33·7*	18·1	*40·0*	*8, 9*	13·3	28	50	—	—	—	10·9	—	—
November	—	19·3	—	—	21·9	30·2	13·6	36·0	12	7·8	28, 30	61	—	—	—	10·1	—	—
December	—	13·5	—	—	17·0	24·8	9·2	32·6	23	5·1	2	68	—	—	—	7·8	—	—
Year	—	21·9	—	—	—	33·1	*14·9*	—	—	—	—	48	—	—	—	9·6	—	—

QENA for the year 1915.

= 73·0 m. h_t = 1·7 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		8 h.	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
9	—	—	—	—	—	—	—	—	2·0	—	—	—	—	—	—	—	31	—	3·35
1	—	—	—	—	—	—	—	—	2·1	—	—	—	—	—	—	—	28	—	3·95
0	—	—	—	—	—	—	—	—	2·0	—	2	—	—	—	—	—	29	—	5·43
0	—	—	—	—	—	—	—	—	2·0	—	—	—	—	—	—	—	29	—	6·45
0	—	—	—	—	—	—	—	—	2.0	—	—	—	—	—	—	—	31	—	8·17
0	—	—	—	—	—	—	—	—	2·0	—	—	—	—	—	—	—	30	—	10·49
0	—	—	—	—	—	—	—	—	2·2	—	—	—	—	—	—	—	31	—	10·16
0	—	—	—	—	—	—	—	—	2·4	—	—	—	—	—	—	—	31	—	9·60
0	—	—	—	—	—	—	—	—	2·3	—	—	—	—	—	—	—	30	—	7·12
0	—	—	—	—	—	—	—	—	2·0	—	—	—	—	—	—	—	30	—	5·63
0	—	—	—	—	—	—	—	—	2·2	—	—	—	—	—	—	—	30	—	3·82
0	—	—	—	—	—	—	—	—	2·1	—	—	—	—	—	—	—	31	—	2·91
3	—	—	—	—	—	—	—	—	2·1	—	2	—	—	—	—	—	361	—	6·42

DAKHLA OASIS for the year 1915.

100 m. h_t = 2·0 m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		8 h.	Number of observations in which the wind direction was recorded as									
	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
	—	—	—	—	—	—	—	—	3·5	26	—	—	—	—	—	—	5	—	4·53
	—	—	—	—	—	—	—	—	2·7	22	—	—	—	—	—	—	6	—	5·73
	—	—	—	—	—	—	—	—	2·7	28	—	—	—	—	—	—	3	—	6·91
	—	—	—	—	—	—	—	—	1·5	27	—	—	—	—	—	3	—	—	8·26
	—	—	—	—	—	—	—	—	0·4	10	—	—	—	1	—	1	—	19	9·57
	—	—	—	—	—	—	—	—	0·1	2	—	—	—	—	—	—	—	28	9·95
	—	—	—	—	—	—	—	—	0·1	2	—	—	—	—	—	1	—	28	10·89
	—	—	—	—	—	—	—	—	0·8	6	—	—	—	—	—	3	3	19	10·85
	—	—	—	—	—	—	—	—	0·3	3	—	—	—	—	—	—	2	25	10·16
	—	—	—	—	—	—	—	—	0·4	5	—	—	—	—	1	—	3	22	8·56
	—	—	—	—	—	—	—	—	0·2	5	—	—	—	—	—	—	—	25	6·50
	—	—	—	—	—	—	—	—	0·1	1	—	—	—	—	—	—	1	29	3·95
	—	—	—	—	—	—	—	—	1·1	137	—	—	—	1	1	8	23	195	7·99

Summary of Meteorological Observatio

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

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.	M
1915																			
January	—	13·8	23·2	14·1	13·8	23·6	3·9	31·9	31	1·0	4, 19, 21	65	39	64	64	7·6	8·4	7·7	1
February	—	16·2	25·2	16·1	16·4	25·3	8·0	33·7	28	2·0	5	51	33	51	51	6·9	7·8	6·8	1
March	—	19·2	28·7	19·0	19·4	29·0	10·7	38·0	28	4·4	2	42	22	43	42	6·9	6·2	7·0	6
April	—	24·1	31·5	24·2	24·1	31·9	16·6	37·5	26	12·5	4	34	23	33	34	7·7	8·0	7·5	1
May	—	27·1	35·0	25·8	26·2	35·6	17·0	43·5	29	13·5	12	31	20	29	30	8·1	8·7	7·0	1
June	—	31·5	38·5	30·4	30·0	39·2	19·6	43·5	16, 17	15·5	16	26	16	26	26	9·2	8·2	8·2	6
July	—	31·7	38·3	29·7	29·4	38·9	17·9	44·0	4	12·0	14	27	17	30	28	9·2	8·9	9·1	9
August	—	31·4	38·3	30·0	30·2	38·5	20·9	43·0	26	16·5	4	30	18	31	30	10·2	9·1	9·9	9
September	—	27·0	35·0	26·8	27·4	35·1	20·9	41·1	6	15·0	29	42	23	43	42	11·1	9·5	11·2	10
October	—	24·8	31·8	24·0	24·6	31·9	17·9	37·5	9	14·5	17	49	31	51	50	11·4	11·0	11·2	1
November ...	—	19·9	28·1	19·1	20·0	—	12·7	*32·0*	*21*	5·0	29	57	36	59	58	10·0	10·3	9·6	1
December	—	15·7	24·7	15·8	16·5	24·9	9·8	30·5	18	5·0	30	60	38	60	60	8·0	8·8	8·0	1
Year	—	23·5	31·5	22·9	23·2	32·2	14·7	—	—	—	—	43	26	43	43	8·9	8·7	8·6	

Summary of Meteorological Observati

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

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.	M
1915																			
January	753·53	14·8	24·4	19·6	17·7	26·4	12·1	32·9	30, 31	7·2	17	49	32	30	40	6·4	7·6	5·3	
February	52·25	15·8	26·2	21·4	19·2	28·3	13·2	35·7	2	10·1	11, 20	47	27	24	36	6·3	6·8	4·6	
March	51·59	18·2	29·4	24·2	21·6	31·4	14·7	39·0	28	10·5	2	41	25	20	30	6·3	7·7	4·5	
April	49·45	23·8	33·4	27·7	25·9	35·6	18·7	42·5	15	15·2	9	35	31	26	30	7·5	11·8	7·3	
May	48·50	27·8	36·6	30·9	29·4	38·7	22·5	46·8	29	17·2	4	30	32	29	30	8·2	15·1	9·9	
June	46·23	32·2	40·7	35·3	33·7	43·0	26·7	47·2	17	25·3	Several dates	32	41	34	33	11·2	23·4	14·4	
July	45·66	32·1	40·3	35·2	33·7	42·2	27·2	46·4	4	25·3	8, 14	34	46	37	36	12·2	25·4	15·7	
August	45·60	31·4	40·3	35·6	33·6	42·2	27·0	46·5	25	24·5	10, 31	35	43	36	36	12·0	23·8	15·6	
September	47·58	28·8	37·9	33·5	31·4	39·5	25·4	46·0	6	22·4	27, 28	35	42	36	36	10·2	20·6	13·7	
October...	49·23	25·4	36·4	31·3	28·8	37·7	22·2	42·4	4	18·4	15	40	31	28	34	9·5	14·3	9·6	
November	51·85	20·8	31·3	27·2	24·0	32·6	16·7	36·9	11	12·1	29	39	21	17	28	7·2	7·1	4·5	
December	54·24	16·4	26·0	21·6	19·3	27·4	13·3	33·7	18, 23	10·3	1, 30	45	27	24	34	6·3	6·8	4·7	
Year	749·64	24·0	33·6	28·6	26·5	35·4	20·0	—	—	—	—	38	33	28	34	8·6	14·2	9·2	

ESNA for the year 1915.

= 82·0 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.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
1·5	1·3	0·8	1·2	—	—	—	—	—	1·1	47·5	19	—	4	4	5	2	11·5	—	2·86
0·8	0·5	0·5	0·6	—	—	—	—	—	1·6	58	10	1	1	5	4	—	5	—	3·26
0·8	1·1	0·8	0·9	—	—	—	—	—	1·4	48·5	14·5	3	8	10	2	1	6	—	4·10
0·9	1·2	0·6	0·9	—	—	—	—	—	1·8	62	7	—	3	7	2	—	9	—	6·63
0·4	0·2	0·1	0·2	—	—	—	—	—	2·0	65·5	6	—	1	3	5	—	12·5	—	6·58
0·1	0·1	0·0	0·1	—	—	—	—	—	2·2	61	13	—	—	—	1	1	14	—	8·91
0·0	0·0	0·0	0·0	—	—	—	—	—	2·5	64	17	—	1	3	—	—	8	—	8·11
0·0	0·0	0·0	0·0	—	—	—	—	—	2·2	71	9	—	—	1	1	—	11	—	8·76
0·0	0·0	0·0	0·0	—	—	—	—	—	2·5	73	6	—	—	—	1	1	9	—	7·81
0·0	0·0	0·0	0·0	—	—	—	—	—	1·5	68	18	1	—	1	1	—	4	—	4·87
0·2	0·1	0·1	0·1	—	—	—	—	—	1·3	68	11	2	—	—	—	—	9	—	2·87
1·0	1·4	1·4	1·3	—	—	—	—	—	1·5	69·5	13·5	1	—	3	—	—	6	—	2·15
0·5	0·5	0·4	0·4	—	—	—	—	—	1·8	756	144	8	18	37	22	5	105	—	5·58

ASWAN for the year 1915.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Wild
1·7	1·5	1·6	1·6	—	—	—	—	—	3·2	60	6	—	—	—	—	—	27	—	6·44
1·5	1·9	1·6	1·7	—	—	—	—	—	3·4	53	6	2	—	1	2	—	20	—	8·23
1·0	1·3	0·9	1·1	—	—	—	—	—	3·2	51	12	1	—	2	2	1	24	—	9·41
1·9	1·5	1·0	1·5	—	—	—	—	—	3·3	48	8	—	—	3	2	—	29	—	11·74
1·9	1·0	0·7	0·9	—	—	—	—	—	3·0	44·5	2	—	—	3	7	4	32·5	—	11·97
1·3	0·5	0·4	0·4	—	—	—	—	—	3·3	48·5	6	—	—	—	1	1	33·5	—	14·33
1·1	0·1	0·0	0·1	—	—	—	—	—	3·0	37·5	2	—	—	2	6	4	41·5	—	13·87
1·5	0·3	0·1	0·3	—	—	—	—	—	3·1	36·5	8	—	—	2	10	7	29·5	—	13·98
1·7	0·6	0·3	0·5	—	—	—	—	—	3·2	53·5	13	—	—	—	2	1	20·5	—	13·09
1·0	0·0	0·0	0·0	—	—	—	—	—	3·2	47	20·5	1	—	1	2	0·5	21	—	11·52
1·5	1·0	0·5	0·7	—	—	—	—	—	3·1	51	24	—	—	—	2	—	13	—	8·00
1·6	1·2	0·5	1·1	—	—	—	—	—	3·1	52	21	—	—	—	1	—	19	—	6·11
1·9	0·9	0·6	0·8	—	—	—	—	—	3·2	582·5	128·5	4	—	14	37	18·5	310·5	—	10·72

Summary of Meteorological Observatio

$\varphi = 21^\circ\ 55'$ N. $\lambda = 31^\circ\ 19'$ E. of Greenwi

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.	M
1915																			
January	751·05	13·2	25·4	19·5	16·8	26·5	9·3	37·0	31	0·9	16	62	30	43	52	7·4	7·9	7·6	7
February	50·02	14·3	26·7	21·3	18·4	27·8	11·1	39·6	2	5·5	19	48	24	32	40	5·9	6·2	6·1	6
March	49·68	17·8	30·4	24·6	21·6	31·7	13·4	41·5	28	6·0	7	37	12	20	28	5·5	3·8	4·7	6
April	47·00	23·7	35·0	29·3	26·6	36·2	18·3	43·0	14	12·5	4	28	11	19	24	6·2	4·6	5·8	5
May	46·33	26·9	38·0	31·1	28·6	39·2	18·5	47·5	29	13·0	3,17	23	10	18	20	6·2	5·1	6·0	5
June	44·62	30·7	40·7	34·9	32·7	42·2	24·6	47·0	17	21·0	28	22	9	15	18	7·3	5·4	6·3	6
July	44·25	30·0	40·3	34·7	32·1	41·7	23·3	46·0	4	20·0	13	22	10	16	19	7·0	5·2	6·7	6
August	44·13	29·6	39·9	34·6	32·0	41·2	23·8	46·0	25	21·0	Several Dates	26	12	19	22	8·1	6·5	7·8	7
September	45·79	26·3	37·1	31·9	29·5	38·5	22·6	44·5	7	15·0	29,30	35	14	21	28	8·7	6·6	7·3	7
October	47·08	23·4	35·7	29·6	26·8	37·1	18·6	42·0	4,9	15·0	27,28	39	15	23	31	8·2	6·6	6·8	7
November	49·30	18·9	31·0	24·1	22·3	31·7	15·2	37·0	1	11·0	25,26,27	44	19	31	38	7·1	6·2	6·8	6
December	51·58	14·3	25·9	20·3	18·0	26·8	11·4	34·5	18	6·0	9	58	28	40	49	7·1	7·1	7·2	
Year	747·57	22·4	33·8	28·0	25·4	35·0	17·5	—	—	—	—	37	16	25	31	7·1	5·9	6·6	6

Summary of Meteorological Observati

$\varphi = 21^\circ\ 6'$ N. $\lambda = 37^\circ\ 8'$ E. of Greenwi

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.	M
1915																			
January	—	24·1	26·7	23·6	23·3	27·7	18·8	30·7	29	13·7	11	76	76	86	81	16·8	19·7	18·5	1
February	—	24·5	27·7	24·0	23·7	28·9	18·7	32·7	27	14·2	2	80	72	85	82	18·1	19·9	18·8	1
March	—	25·4	28·6	24·2	24·1	29·8	18·3	33·2	29	13·2	8,9	68	59	71	70	16·3	17·2	15·8	1
April	—	28·3	30·2	25·4	25·6	32·3	18·3	37·9	26	14·1	1	49	54	76	62	13·8	17·4	18·3	1
May	—	31·1	32·6	27·1	27·7	34·7	20·1	39·1	27	16·8	7	44	49	74	59	15·0	18·1	19·7	1
June	—	35·4	36·4	31·1	32·1	40·2	25·4	47·0	17	21·6	28	33	41	57	45	14·0	18·3	19·2	1
July	—	36·3	37·3	31·6	32·6	41·0	25·0	46·3	17	21·1	14	34	37	58	46	15·0	17·4	20·3	1
August	—	36·0	37·6	32·1	32·9	41·3	25·8	47·5	27	22·7	27	39	40	60	50	16·9	19·3	21·2	1
September	—	34·2	35·8	30·2	32·2	39·2	—	42·3	9,13	*21·7*	*24,29*	48	57	76	62	19·1	25·1	24·3	1
October	—	*30·8*	*32·8*	*27·3*	*28·2*	*36·0*	*21·9*	*40·7*	*2,3*	*18·9*	*25*	*65*	*70*	*83*	*74*	*21·4*	*25·8*	*22·3*	1
November	—	27·7	30·1	26·1	26·2	31·5	21·1	33·6	1	16·7	11	70	62	78	74	19·1	19·8	19·5	1
December	—	25·7	27·9	24·6	24·5	29·2	19·8	31·0	17	15·2	8	68	68	80	74	16·7	19·0	18·4	1
Year	—	30·0	32·0	27·3	27·8	34·3	21·2	—	—	—	—	56	57	74	65	16·8	19·8	19·7	1

WADI HALFA for the year 1915.

= 128·3 m. h_t = 1·7 m. C_h = + 11·0 mm.

	Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
	14 h.	17 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
11	0·7	0·6	0·8	—	—	—	—	—	2·8	62·5	11	1·5	1·5	—	3	2	11·5	—	10·35
8	0·5	0·5	0·6	—	—	—	—	—	2·8	58·5	5·5	1·5	1·5	1	1	0·5	9·5	5	13·79
5	0·6	0·4	0·5	—	—	—	—	—	2·0	48	5·5	1	—	1	4·5	1	15	17	16·04
0	0·9	0·4	0·8	—	—	—	—	—	1·9	56	7	—	0·5	0·5	1	—	8	17	22·23
4	0·4	0·2	0·3	—	—	—	—	—	1·6	44	4	1	2	1	1·5	3	13·5	23	23·61
5	0·4	0·2	0·4	—	—	—	—	—	2·1	61	6	—	—	—	—	0·5	12·5	10	24·87
3	0·5	0·1	0·3	—	—	—	—	—	1·8	56	3	—	—	—	—	1	16	17	22·20
5	0·5	0·4	0·5	—	—	—	—	—	1·8	54	0·5	—	—	—	3	4	18·5	13	21·45
0	0·8	0·7	0·8	—	—	—	—	—	2·2	65·5	6	—	—	—	—	—	13·5	5	21·33
1	0·2	0·1	0·1	—	—	—	—	—	1·7	59	6·5	1	—	—	0·5	0·5	9·5	16	17.39
3	0·4	0·4	0·4	—	—	—	—	—	1·6	66·5	6	—	—	—	—	—	2·5	15	14·60
2	1·3	1·2	1·2	—	—	—	—	—	1·6	46·5	8	2·5	0·5	—	—	—	5·5	30	12·29
6	0·6	0·4	0·6	—	—	—	—	—	2·0	677·5	69	8·5	6	3·5	14·5	12·5	135·5	168	18·45

DONGONAB for the year 1915.

= 5·0 m. h_t = 1·6 m. h_r = 1·3 m.

	Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
2	2·1	1·1	1·8	0·0	0·0	—	—	—	1·3	24	6·5	7	16·5	3·5	—	—	13·5	22	7·60
3	0·9	0·3	0·8	2·2	2·2	10	—	—	1·8	28·5	12	5	8	2	—	—	12·5	16	9·10
6	0·7	0·4	0·7	2·5	2·5	21	1	1	2·2	35	14	5	12	1·5	—	—	16·5	9	11·18
3	0·5	0·4	0·4	0·0	0·0	—	1	1	2·0	39·5	15	3	5	—	—	—	7·5	20	14·05
5	0·7	0·9	0·7	0·0	0·0	—	—	—	2·0	35	20	4	4·5	—	—	—	10·5	18	15·92
6	1·1	1·0	1·0	Drops	Drops	10	—	—	2·5	44·5	15·5	2·5	0·5	—	1	0·5	8·5	17	18·78
5	0·6	1·5	1·5	0·0	0·0	—	—	—	2·0	36	13	3·5	—	—	2	2	10·5	26	16·66
3	1·3	1·0	1·6	0·0	0·0	—	—	—	1·7	32·5	13·5	3·5	—	0·5	3·5	2·5	10	26	16·89
9	0·8	0·3	0·9	0·0	0·0	—	—	—	1·5	24	16·5	2·5	0·5	0·5	—	0·5	8·5	37	17·77
3	0.5	0.1	0·5	0·0	0·0	—	—	—	1·7	23·5	13	—	—	1	—	0·5	5	34	10·72
1	1·4	1·3	1·6	0·1	0·1	21	1	—	1·7	30·5	10	3	9·5	1	—	—	16	20	10·10
9	2·9	1·7	2·7	Drops	Drops	7,15,21	—	—	2·0	43	8	5	11·5	2·5	—	1	12	10	10·48
9	1·1	0·8	1·2	4·8	—	—	3	2	1·9	396	157	44	67·5	12·5	6·5	7	131	255	13·28

Summary of Meteorological Observati

φ = 19° 37′ N. λ = 37° 13′ E. of Green

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.
1915																		
January	760·80	24·0	26·2	24·1	23·9	27·7	21·2	30·0	7, 28	16·6	10	70	69	75	72	15·7	17·6	16·9
February	59·19	24·5	26·7	24·6	24·3	28·3	21·3	30·0	3, 28	18·1	2, 20	70	66	75	72	16·1	17·2	17·3
March	58·92	25·8	27·6	24·8	24·8	29·2	20·9	32·0	29	17·1	8	65	62	73	69	16·2	17·1	17·1
April	56·56	28·1	29·4	26·1	26·2	31·8	21·3	34·5	27	17·1	1, 4	56	60	73	64	15·6	18·3	18·3
May	56·09	31·5	32·9	29·1	29·0	34·7	22·4	39·5	28	19·1	11	41	45	59	50	13·8	16·7	17·7
June	53·70	35·4	35·8	32·0	32·6	39·2	27·2	44·5	16, 18	24·6	2, 29	42	50	59	50	17·4	21·5	20·8
July	52·83	36·4	37·7	33·3	33·9	41·6	28·3	46·0	6	25·2	1, 14	40	47	50	45	17·7	22·5	19·1
August...	52·03	36·6	38·5	34·2	34·7	41·3	29·5	45·5	1	26·5	23	34	36	44	39	15·5	18·1	17·7
September	54·38	34·1	35·1	31·2	32·1	38·3	27·9	43·6	6	23·1	30	44	45	68	56	17·3	18·7	22·8
October	56·89	30·6	32·3	28·4	28·9	34·5	24·2	40·1	2	20·5	10	64	61	70	72	20·7	21·7	22·7
November	58·97	27·9	30·1	27·6	27·3	31·6	23·7	34·0	26	20·5	8	73	70	77	75	20·4	22·3	21·2
December	60·53	25·1	27·6	25·2	24·8	29·0	21·3	31·3	14	18·9	8	69	67	74	72	16·5	18·4	17·9
Year	756·76	30·0	31·7	28·4	28·5	33·9	24·1	—	—	—	—	56	56	67	61	16·9	19·2	19·1

Summary of Meteorological Observat

φ=19° 8′ N. λ = 30° 28′ E. of Green

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 (m 8 h.	14 h.	20 h.
1915																		
January	—	—	—	—	21·1	31·0	11·2	40·0	27	4·7	10	—	—	—	—	—	—	—
February	—	—	—	—	22·2	32·4	11·9	39·0	1, 3	7·6	12	—	—	—	—	—	—	—
March	—	—	—	—	25·6	36·5	14·8	43·4	12	9·2	5	—	—	—	—	—	—	—
April	—	—	—	—	30·4	41·1	19·6	46·5	1	13·3	3	—	—	—	—	—	—	—
May...	—	—	—	—	32·0	42·8	21·	48·5	29, 30	15·7	9, 12	—	—	—	—	—	—	—
June	—	—	—	—	35·5	45·0	26·0	48·8	17	22·4	5, 28	—	—	—	—	—	—	—
July	—	—	—	—	34·8	44·9	24·7	47·8	2	20·8	3	—	—	—	—	—	—	—
August	—	—	—	—	35·2	44·4	26·0	48·4	25	20·4	12	—	—	—	—	—	—	—
September	—	—	—	—	33·8	42·9	24·7	47·1	8	20·4	9, 30	—	—	—	—	—	—	—
October	—	—	—	—	31·4	41·5	21·2	45·0	3, 9	12·4	28	—	—	—	—	—	—	—
November	—	—	—	—	27·1	37·6	16·6	40·5	1	9·2	29	—	—	—	—	—	—	—
December	—	—	—	—	*23·8*	*35·7*	12·0	*38 6*	*21*	7·2	2	—	—	—	—	—	—	—
Year	—	—	—	—	29·4	39·6	19·2	—	—	—	—	—	—	—	—	—	—	—

PORT SUDAN for the year 1915.

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: 5·5 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
			Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
3·5	2·9	3·9	Drops	Drops	Several dates	—	—	2·8	23	28·5	12	6·5	0·5	1	3·5	10	8	5·80
2·7	4·1	4·2	11·8	9·8	22	2	2	3·4	25·5	23·5	5	10·5	1·5	4	3	5	6	5·89
1·2	1·3	1·6	Drops	Drops	15	—	—	3·3	22·5	34	1	13	7	1	1	5·5	8	7·45
0·8	0·9	0·8	0·0	0·0	—	—	—	3·0	28·5	35·5	4·5	6·5	3·5	4	2	2·5	3	7·88
1·5	1·8	1·4	0·0	0·0	—	—	—	2·3	32	25·5	15·5	1	3	7	1	1	7	10·58
3·2	2·7	3·2	Drops	Drops	15	—	—	2·5	8	6	22	2	1	39	6	6	—	8·74
1·5	1·1	1·7	0·0	0·0	—	—	—	1·8	1	31	40	—	—	17	1	—	3	10·23
1·9	1·8	2·4	0·0	0·0	—	—	—	1·9	4	21	26	13	5	11·5	1·5	6	5	9·60
0·8	0·4	1·3	Drops	Drops	9	—	—	2·0	17	31	12	1	3	2	23	1	—	11·48
0·1	0·5	0·5	Drops	Drops	30	—	—	1·8	17	40·5	10·5	—	1	2	19	3	—	7·98
1·4	1·1	1·5	14·5	14·5	26	1	1	2·6	39·5	31	3	1	12	—	1	2·5	—	6·97
4·2	3·5	3·5	8·6	4·0	4	4	2	3·0	25	28	4·5	15·5	2	—	2	10	6	7·65
1·9	1·8	2·2	34·9	—	—	7	5	2·5	243	335·5	156	70	39·5	88·5	64	52·5	46	8·35

DONGOLA for the year 1915.

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: 236·0 m.

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
			Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		8 h.	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15·96
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10·23
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7·93
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observat

$\varphi = 19° 7'$ N. $\lambda = 37° 20'$ E. of Greenw

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.
1915																		
January	762·28	24·0	—	—	24·1	27·1	21·1	30·0	7	17·7	10	75	—	—	—	16·5	—	—
February	60·66	24·7	—	—	24·6	27·7	21·4	29·8	28	18·3	2	73	—	—	—	16·7	—	—
March	60·51	26·0	—	—	25·2	29·1	21·2	34·2	29	18·4	23	66	—	—	—	16·5	—	—
April	58·09	28·4	—	—	26·6	31·0	22·2	33·6	27	17·1	5	57	—	—	—	16·3	—	—
May	57·03	32·0	—	—	28·6	34·3	22·8	39·2	21	19·7	11	52	—	—	—	18·2	—	—
June	54·68	36·1	—	—	33·4	39·1	27·6	45·0	10	25·3	29	46	—	—	—	20·4	—	—
July	54·03	37·0	—	—	35·5	42·1	28·9	45·7	6	26·1	3	40	—	—	—	18·8	—	—
August	53·86	37·0	—	—	36·2	42·4	29·9	45·5	25	26·8	17	42	—	—	—	19·4	—	—
September	55·73	34·5	—	—	33·0	38·1	28·0	45·3	6	23·1	30	46	—	—	—	18·5	—	—
October	58·13	31·2	—	—	29·5	34·2	24·8	39·4	2	20·8	10	59	—	—	—	19·9	—	—
November	60·11	28·5	—	—	28·0	31·4	24·5	33·0	21, 22, 26	22·5	28	70	—	—	—	20·4	—	—
December	61·72	25·1	—	—	25·0	28·6	21·4	31·2	14	18·2	31	70	—	—	—	16·5	—	—
Year	758·07	30·4	—	—	29·1	33·8	24·5	—	—	—	—	58	—	—	—	18·2	—	—

Summary of Meteorological Observati

$\varphi = 18° 29'$ N. $\lambda = 31° 50'$ E. of Greenw

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.
1915																		
January	738·59	17·6	30·4	22·7	21·2	32·0	14·1	39·6	27, 31	7·8	10	40	20	31	36	6·3	6·7	6·5
February	37·68	19·3	31·5	24·7	22·6	33·6	14·9	39·4	1	11·0	11	29	16	21	25	4·9	5·7	4·9
March	37·53	22·7	35·0	27·2	25·6	36·8	17·5	42·6	12	12·5	7	20	10	16	18	4·2	4·4	4·3
April	35·02	28·3	39·0	31·8	30·2	40·7	21·8	45·3	29	16·5	3	17	9	13	15	5·0	4·8	4·5
May	34·33	31·9	41·0	33·7	32·7	42·6	24·1	47·7	31	19·0	13	12	7	12	12	4·4	4·3	4·8
June	33·17	34·3	43·2	37·3	35·8	45·0	28·5	47·9	18	24·5	29	20	10	13	16	8·1	5·9	6·1
July	33·17	33·9	42·5	36·9	35·4	44·3	28·1	47·3	2, 3	22·5	24	25	11	15	20	9·7	6·8	6·8
August	33·30	32·6	41·6	36·2	34·8	43·4	28·9	48·0	26	25·2	22	34	17	21	28	12·2	10·4	9·4
September	33·84	31·6	41·5	35·8	34·1	43·6	27·4	46·1	15	24·2	30	25	13	17	21	8·7	7·8	7·6
October...	34·92	29·0	40·7	32·2	31·5	42·4	24·0	45·5	6	21·8	19	23	10	19	21	6·8	5·4	6·7
November	36·97	24·9	36·0	28·0	27·3	37·7	20·2	40·8	14	14·5	29	29	15	24	26	7·0	6·7	6·8
December	39·08	18·9	30·4	23·2	21·8	32·0	14·7	36·5	23	10·2	1	39	24	32	36	6·6	7·9	6·9
Year	735·63	27·1	37·7	30·8	29·4	39·5	22·0	—	—	—	—	26	14	20	23	7·0	6·4	6·3

SUAKIN for the year 1915.

= 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
				Total	Maximum 1 day		≥ 0·1 mm	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		8 h.	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
·1	—	—	—	24·7	18·7	4	4	4	3·2	1·5	2	—	—	—	—	12·5	15	—	3·17
·4	—	—	—	7·0	3·2	8	4	2	3·4	0·5	—	—	—	—	2	10·5	15	—	2·93
·0	—	—	—	0·0	0·0	—	—	—	3·4	1	1·5	2·5	1	—	—	11	14	—	4·08
·1	—	—	—	0·0	0·0	—	—	—	3·0	3·5	1·5	—	—	—	—	0·5	18·5	—	3·80
·8	—	—	—	0·0	0·0	—	—	—	2·8	4	3	1	—	—	0·5	6	16·5	—	5·52
·5	—	—	—	0·0	0·0	—	—	—	2·8	7·5	5·5	2	1·5	0·5	4	2·5	6·5	—	8·23
·4	—	—	—	0·0	0·0	—	—	—	3·4	4·5	4·5	1·5	5	5·5	2·5	0·5	7	—	10·52
·6	—	—	—	0·0	0·0	—	—	—	3·7	2	3	2·5	5·5	8	3·5	0·5	6	—	10·62
·0	—	—	—	0·0	0·0	—	—	—	1·7	3	2	2	2·5	1	2·5	5·5	8·5	3	7·40
·4	—	—	—	0·4	0·4	29	1	—	2·1	3	2·5	0·5	0·5	—	—	7·5	17	—	5·00
·7	—	—	—	26·3	13·8	17	5	3	2·4	2·5	1	—	—	—	—	8·5	18	—	4·32
·9	—	—	—	78·9	28·8	29	8	6	2·7	1	2	0·5	—	—	0·5	12·5	13·5	1	3·85
·7	—	—	—	137·3	—	—	22	15	2·9	34	28·5	12·5	16	15	15·5	84	155·5	4	5·78

MEROWE for the year 1915.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
8	1·0	0·8	0·9	—	—	—	—	—	3·4	40	12·5	—	1	1	8·5	6·5	23·5	—	11·09
0	0·8	0·0	0·6	—	—	—	—	—	3·3	24	13·5	1·5	—	1	10	11·5	22·5	—	—
2	1·4	0·5	1·0	—	—	—	—	—	3·2	34·5	17·5	—	1	1	10·5	7	21·5	—	17·47
2	0·7	0·0	0·3	—	—	—	—	—	3·5	45·5	12·5	0·5	1	—	7·5	6·5	16·5	—	21·98
6	1·4	0·8	0·9	—	—	—	—	—	2·9	27	12·5	5	1	2·5	12·5	10	22·5	—	26·02
8	2·0	1·6	1·8	—	—	—	—	—	2·8	15·5	7·5	—	—	5	21	18	23	—	24·40
4	1·8	1·4	1·9	—	—	—	—	—	2·5	9	5·5	—	0·5	5·5	28	25	19·5	—	23·25
8	2·8	3·6	3·1	—	—	—	—	—	3·0	11·5	2·5	0·5	1	6	43·5	10·5	17·5	—	10·81
9	1·8	2·7	2·1	—	—	—	—	—	2·9	12·5	5·5	0·5	1	5	30	15·5	20	—	23·17
9	0·5	0·2	0·3	—	—	—	—	—	2·7	30·5	11	3·5	—	—	7·5	9	31·5	—	19·71
1	0·6	0·1	0·3	—	—	—	—	—	2·9	38	13·5	0·5	1	—	4	6	27	—	16·79
9	1·6	0·6	1·1	—	—	—	—	—	3·3	41	13	0·5	—	—	4	4	30·5	—	13·85
7	1·4	1·0	1·2	—	—	—	—	—	3·0	329	127	12·5	7·5	27	187	129·5	275·5	—	19·78

Summary of Meteorological Observati

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

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.
1915																		
January	—	24·1	—	—	21·2	28·3	14·0	32·5	18	11·5	11	78	—	—	—	17·3	—	—
February	—	24·6	—	—	21·8	29·5	14·2	32·5	4, 28	11·0	1	78	—	—	—	17·9	—	—
March	—	26·2	—	—	22·6	31·3	14·0	42·5	29	9·5	9, 23	67	—	—	—	17·1	—	—
April	—	28·6	—	—	23·8	33·5	14·2	37·0	6, 21	9·0	4, 6	66	—	—	—	19·3	—	—
May...	—	31·5	—	—	28·8	37·4	20·1	44·0	16	15·0	4	53	—	—	—	18·3	—	—
June	—	36·4	—	—	35·8	45·4	26·1	55·5	28	21·0	3	35	—	—	—	15·5	—	—
July	—	34·9	—	—	36·8	44·6	29·1	54·0	1	22·0	3	39	—	—	—	16·2	—	—
August	—	34·6	—	—	36·0	42·3	29·8	45·0	14, 22	27·0	10	40	—	—	—	16·4	—	—
September	—	34·6	—	—	33·8	42·0	25·7	45·0	Several dates	24·0	Several dates	47	—	—	—	19·2	—	—
October	—	31·8	—	—	30·2	36·4	24·0	39·0	Several dates	22·0	2, 9	55	—	—	—	19·1	—	—
November	—	26·0	—	—	27·4	33·3	21·4	35·5	15	19·5	2, 3	82	—	—	—	20·4	—	—
December	—	24·3	—	—	26·2	31·4	21·0	35·0	26	18·0	30, 31	79	—	—	—	17·7	—	—
Year	—	29·8	—	—	28·7	36·3	21·1	—	—	—	—	60	—	—	—	17·9	—	—

Summary of Meteorological Observat

$\varphi = 17^\circ\ 40'$ N. $\lambda = 33^\circ\ 58'$ E. of Green

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 (m 8 h.	14 h.	20 h.
1915																		
January	728·97	18·6	30·7	24·3	22·2	32·2	15·2	38·6	22, 31	9·9	10	54	26	34	44	8·8	8·3	7·7
February	27·83	20·7	31·7	25·9	23·7	33·3	16·5	37·5	3	11·9	20	40	23	30	35	7·4	8·3	7·5
March	27·83	23·8	34·9	27·2	26·0	36·6	18·1	41·6	17	12·9	7, 8	29	13	24	26	6·3	5·6	6·3
April	25·55	27·9	38·7	30·8	29·7	39·9	21·3	43·5	27	15·8	4	24	11	17	20	6·9	5·7	5·5
May	25·20	31·8	40·9	33·5	32·6	42·2	24·4	45·5	28	19·8	19, 20	17	11	16	16	6·3	6·7	6·2
June	24·79	33·2	41·7	36·2	34·8	42·9	28·2	46·0	19	19·8	5	30	14	21	26	11·1	8·5	9·5
July	24·91	32·5	40·6	35·6	34·2	42·1	28·0	45·0	22	25·5	15	33	14	21	27	12·0	8·1	8·9
August...	24·97	31·4	39·8	34·7	33·2	41·0	26·8	44·5	24, 26	23·0	27, 28	39	19	27	33	13·2	10·1	10·8
September	25·36	31·4	40·1	35·4	33·4	41·3	26·9	43·5	14	21·2	9	35	16	25	30	11·5	9·0	10·7
October	25·79	30·0	38·8	32·8	31·1	40·1	22·7	43·5	1	20·5	11, 27	31	17	23	27	9·5	8·6	8·3
November	27·46	26·1	35·0	29·1	27·8	36·1	20·9	38·9	2	17·5	29, 30	38	19	30	34	9·7	8·0	8·9
December	29·12	20·1	30·7	24·3	22·7	31·8	15·7	36·5	26	12·5	10, 12	49	26	33	41	8·8	8·3	7·7
Year	726·48	27·3	37·0	30·8	29·3	38·3	22·1	—	—	—	—	35	17	25	30	9·3	7·9	8·2

TOKAR for the year 1915.

= 18·0 m. h_t = 1·6 m. h_r = 1·0 m.

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
			Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm per day
						of rain		8 h.	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	30·6	16·1	5	2	2	1·5	—	17	—	—	—	—	—	—	14	4·56
—	—	—	10·3	10·3	13	1	1	1·9	—	22	—	—	—	—	—	—	6	4·78
—	—	—	Drops	Drops	2,4	—	—	2·4	—	31	—	—	—	—	—	—	—	6·37
—	—	—	0·0	0·0	—	—	—	2·1	—	24	—	—	—	—	—	—	6	6·93
—	—	—	0·0	0·0	—	—	—	1·0	—	18	—	—	—	—	—	—	13	8·89
—	—	—	0·0	0·0	—	—	—	3·3	4	1	—	—	21	—	—	—	4	15·94
—	—	—	0·0	0·0	—	—	—	5·9	—	—	—	—	31	—	—	—	—	19·04
—	—	—	0·0	0·0	—	—	—	4·4	—	—	—	—	30	—	—	—	1	19·98
—	—	—	0·0	0·0	—	—	—	3·4	23	—	—	—	7	—	—	—	—	17·92
—	—	—	65·7	65·7	30	1	1	2·9	15	2	14	—	—	—	—	—	—	9·21
—	—	—	4·7	4·0	29	2	1	3·1	9	—	—	—	2	—	15	—	4	7·05
—	—	—	28·6	9·5	8	5	4	3·3	13	—	—	—	—	—	14	—	4	7·79
—	—	—	139·9	—	—	11	9	2·9	64	115	14	—	91	—	29	—	52	10·70

ATBARA for the year 1915.

= 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.	Force	Direction									mm per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
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	0·2	0·0	0·0	—	—	—	1·4	63	13	2·5	0·5	—	—	1	6	7	15·70
0·2	0·0	0·1	0·0	0·0	—	—	—	1·3	53	13	1	1	—	—	—	6	10	16·93
0·6	0·1	0·4	0·0	0·0	—	—	—	1·3	58·5	17	3	1	—	1	—	5·5	7	20·07
0·1	0·1	0·1	0·0	0·0	—	—	—	1·3	52	12	7	2	—	—	3	7	7	21·98
0·6	0·4	0·5	0·0	0·0	—	—	—	1·1	35·5	17·5	10	2	3	3	2	10	10	22·14
1·0	1·5	1·1	0·0	0·0	—	—	—	1·6	9	2	8	4	12·5	23·5	10	7	14	21·37
1·3	2·3	1·5	0·0	0·0	—	—	—	1·6	9·5	1	—	3	12·5	33 5	13	5·5	15	20·52
2 0	2·1	1·7	1·3	1·8	13	1	1	2·0	8·5	3·5	1	0	21	26·5	14·5	5	7	19·13
1·8	2·1	1·7	0·5	0·5	8	1	—	1·8	9	9·5	3·5	2	18·5	27·5	18	2	—	19·50
0·5	0·0	0·2	0·0	0·0	—	—	—	1·3	45	16·5	12·5	7·5	3·5	—	2	4	2	17·85
0·3	0·2	0·2	0·0	0·0	—	—	—	1·3	57·5	15·5	2	1	—	—	1	4	9	15·04
0·5	0·3	0·5	0·0	0·0	—	—	—	2·0	71 5	13·5	3	—	—	—	—	2	3	13·66
0·8	0·8	0·7	1·8	—	—	2	1	1·5	472	134	53·5	30	71	115	64·5	64	91	18·66

Summary of Meteorological Observatio

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

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.
1915																		
January	—	13·3	29·6	24·2	19·7	31·6	11·6	36·0	28, 31	5·5	11	70	34	38	54	7·9	10·7	8·5
February	—	14·5	30·6	26·0	20·9	32·6	12·6	35·6	2	8·1	22	55	31	36	46	6·8	10·2	8·9
March	—	15·3	33·0	28·3	22·4	35·1	13·0	40·0	17	7·3	9	50	26	27	38	6·4	9·7	7·7
April	—	—	36·6	31·0	—	38·5	—	41·5	6, 27	12·6	4, 6	—	19	25	—	—	8·9	8·2
May...	—	21·6	40·0	33·0	28·7	41·5	20·1	44·9	28	16·5	20	41	17	25	33	8·0	9·8	9·2
June	—	28·0	40·2	36·0	32·6	42·3	26·3	45·9	19	21·0	4	51	24	27	39	14·2	13·1	11·8
July	—	—	39·6	35·7	—	41·3	—	44·9	22	25·7	13	—	21	28	—	—	11·4	11·9
August	—	27·0	38·3	35·4	31·7	39·9	26·0	43·8	25	23·2	27	57	26	30	44	15·0	13·0	12·7
September	—	26·4	38·6	34·4	31·1	39·8	24·9	43·3	23	19·7	23	54	24	34	44	13·6	12·8	13·7
October	—	20·8	39·3	32·7	27·8	40·3	18·5	42·5	5, 6	16·0	15	56	18	25	40	10·2	9·5	9·3
November	—	19·1	35·7	28·0	25·0	36·3	17·3	38·5	2, 16	15·5	8, 9, 29	69	32	44	56	11·3	13·8	12·5
December	—	14·2	30·9	23·3	20·3	31·6	12·9	35·5	18	7·5	10	78	49	58	68	9·4	16·2	12·3
Year	—	20·0	36·0	30·7	26·0	37·6	18·3	—	—	—	—	58	27	33	46	10·3	11·6	10·6

Summary of Meteorogical Observati

φ = 15° 40′ N. λ = 32° 34′ East of Greenw

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.
1915																		
January	—	20·5	—	—	13·6	31·9	15·4	38·3	30	8·7	11	70	—	—	—	12·5	—	—
February	—	22·3	—	—	—	33·8	—	37·6	3	—	—	59	—	—	—	11·8	—	—
March	—	25·3	—	—	27·0	36·5	17·5	41·0	17	10·7	8, 21	52	—	—	—	12·5	—	—
April	—	29·9	—	—	30·6	40·2	21·0	42·5	6, 7, 29	13·5	3	50	—	—	—	15·5	—	—
May	—	33·0	—	—	32·8	41·8	23·7	44·5	22	17·0	20	41	—	—	—	15·3	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	30·1	—	—	33·4	41·3	25·5	43·0	15, 25, 29	20·0	10	63	—	—	—	20·0	—	—
September	—	29·8	—	—	31·8	39·3	24·4	42·0	1	20·0	6	64	—	—	—	20·0	—	—
October	—	30·8	—	—	31·8	39·7	23·8	42·0	1	20·0	26	45	—	—	—	15·0	—	—
November	—	27·5	—	—	29·2	37·1	21·4	40·0	14	17·5	29	47	—	—	—	13·0	—	—
December	—	21·6	—	—	24·2	32·4	16·0	36·0	15, 24	11·0	1, 10	48	—	—	—	9·2	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

ZEIDAB for the year 1915.

= 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.	Force	Direction									mm. per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	17 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	6·28
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	7·46
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	9·05
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	11·17
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	13·22
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	14·75
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	14·53
—	—	—	4·7	4·7	16	1	1	—	—	—	—	—	—	—	—	—	—	13·16
—	—	—	37·5	35·0	9	2	2	—	—	—	—	—	—	—	—	—	—	11·30
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	10·60
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	8·12
—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	7·38
—	—	—	42·2	—	—	3	3	—	—	—	—	—	—	—	—	—	—	10·58

KHARTOUM (Research Farm) for the year 1915.

= 390·0 m. h_t = 2·0 m. h_r = 0·8 m.

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
			Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		8 h.	Number of observations in which the wind-direction was recorded as									
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	—	—	—	2·5	14·5	14	—	—	—	—	—	0·5	2	14·14
—	—	—	0·0	0·0	—	—	—	2·9	13	9·5	—	—	—	—	—	3·5	2	19·81
—	—	—	0.0	0·0	—	—	—	3·1	13·5	13·5	—	2	—	—	—	—	2	21·35
—	—	—	0·0	0·0	—	—	—	2·8	7	7	—	—	—	1	—	12	3	22·79
—	—	—	1·6	1·6	30	1	1	3·3	6	12	—	2	—	3	—	6	2	25·08
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	4·9	4·9	17	1	1	1·8	—	—	—	—	3	21	—	—	7	12·88
—	—	—	38·0	16·7	2	3	3	2·7	—	3	—	1	—	26	—	—	—	13·47
—	—	—	0·0	0.0	—	—	—	2·7	—	20	1	1	—	8	—	1	—	18·45
—	—	—	0·0	0·0	—	—	—	2·7	16	14	—	—	—	—	—	—	—	17·09
—	—	—	0·0	0·0	—	—	—	2·3	6·5	21·5	—	—	—	—	—	—	3	14·71
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observati

$\varphi = 15° 37'$ N. $\lambda = 32° 33'$ E. of Greenwi

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.	M
1915																			
January	725·78	19·0	31·5	25·4	23·0	32·3	16·0	38·8	22	10·0	10	38	16	23	30	6·4	5·7	5·7	
February	24·97	20·5	32·3	26·7	24·1	33·3	17·0	39·8	3	13·7	20	25	13	18	22	4·5	4·6	4·8	
March	24·79	24·3	35·9	29·5	27·2	36·7	19·0	43·0	17	13·4	21	19	8	14	16	4·3	3·3	4·2	
April	22·49	28·8	38·9	32·8	30·7	39·7	22·2	44·0	6	17·4	3, 6	14	6	11	12	4·6	3·5	4·1	
May	22·45	32·0	41·0	34·1	33·0	42·2	25·1	46·4	28	21·5	5	12	6	13	12	4·5	3·7	4·9	
June	22·67	31·4	40·0	34·8	33·4	41·5	27·3	44·9	8	21·9	14	40	19	27	34	13·5	10·4	10·7	
July	22·94	30·4	39·1	33·9	32·5	40·5	26·6	43·4	2	22·1	8	48	21	32	40	15·1	11·2	12·1	
August	23·37	28·8	37·0	31·5	30·6	38·6	24·9	42·5	25	19·6	9	59	30	46	52	17·0	13·4	15·2	
September	23·31	29·1	36·8	32·1	30·9	38·1	25·5	42·2	28	20·5	9	55	29	43	49	15·9	12·9	14·7	
October...	22·83	29·7	38·7	32·1	31·2	39·8	24·3	41·8	9	21·9	24	27	13	24	26	8·5	7·0	8·5	
November	24·27	26·1	35·4	29·3	28·1	36·3	21·7	39·6	1	17·5	30	31	17	24	28	7·9	7·3	7·3	
December	25·98	19·9	30·5	24·8	23·0	31·2	16·7	36·1	23	12·0	10	36	20	28	32	6·5	6·6	6·6	
Year	723·82	26·7	36·4	30·6	29·0	37·5	22·2	—	—	—	—	34	16	25	29	9·1	7·5	8·2	

Summary of Meteorological Observati

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

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.	M
1915																			
January	715 21	22·6	34·3	26·2	25·0	35·1	17·1	40·5	23, 24	13·0	11	57	22	39	48	11·6	8·8	9·9	
February	14·20	24·4	35·6	27·5	26·4	36·5	18·2	40·0	2	14·5	21	50	18	32	41	11·4	7·9	8·8	
March	14·43	27·0	37·2	28·5	28·0	38·4	19·2	45·0	18	14·5	21, 22	39	10	23	31	10·2	4·8	6·6	
April	12·21	31·0	39·8	31·4	31·2	40·8	22·6	45·6	6	16·7	11	26	10	19	22	8·9	5·6	6·7	
May	12·68	23·3	40·6	33·7	33·3	41·9	25·7	44·5	Several dates	20·0	19	25	13	19	22	9·2	7·0	7·5	
June	13·85	29·3	38·1	32·3	31·2	39·1	25·3	42·0	8, 19, 20	21·1	29	48	24	38	43	14·5	11·7	13·0	
July	14·41	27·5	35·2	30·0	29·2	35·8	24·1	38·6	2	21·1	14	59	34	50	54	15·9	14·3	15·6	
August	14·55	27·0	33·8	28·7	28·2	—	23·4	—	—	20·0	27	64	42	61	62	16·7	16·1	17·4	
September	14·41	27·0	34·2	28·4	28·1	34·8	22·7	37·5	26	20·0	19	63	39	60	62	16·5	15·2	17·1	
October	13·46	29·7	37·4	29·2	30·0	38·6	23·6	40·0	21	19·0	10	45	20	37	41	13·7	9·8	11·0	
November	14·25	29·1	36·5	28·2	29·1	37·5	22 6	40·0	14	18·0	25,26,27	43	18	32	38	12·7	8·2	9·2	
December	15·33	23·4	33·4	24·7	24·7	34·2	17·3	37·5	18	13·5	20,21	55	21	36	46	11·7	7·7	8·1	
Year	714·08	27·6	36·3	29·1	28·7	37·5	21·8	—	—	—	—	48	23	37	42	12·7	9·8	10·9	

KHARTOUM (Gordon College) for the year 1915.

= 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
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
·4	0·9	0·2	0·5	0·0	0·0	—	—	—	2·0	44·5	32	0·5	—	—	—	—	5	11	13·51
·4	1·0	0·3	0·6	0·0	0·0	—	—	—	2·3	52·5	12	0·5	—	—	1	—	10	8	16·16
·6	0·5	0·5	0·5	0·0	0·0	—	—	—	2·1	43	31·5	3	0·5	0·5	0·5	0·5	2·5	11	18·25
·1	0·3	0·0	0·1	0·0	0·0	—	—	—	2·4	31	41	4	—	—	1	—	2	11	22·33
·3	1·7	1·2	1·4	8·6	8·6	31	1	1	1·9	28	18	7·5	1·5	3·5	3·5	1·5	6·5	23	21·47
·3	3·5	1·7	3·2	7·6	4·8	13	4	2	2·5	4·5	5	2	3·5	15·5	28	9·5	5	17	16·33
·3	3·7	2·4	3·1	19·2	16·0	31	4	2	2·9	1	1	—	0·5	26	36·5	16	4	8	15·78
·4	4·4	3·2	4·0	62·8	30·0	13	5	5	2·8	0·5	2	—	2	23·5	51·5	6	0·5	7	12·50
·2	2·7	1·7	2·5	77·4	34·9	8	5	4	2·6	2	3	3	8	31	26·5	5	3·5	8	12·14
·1	0·7	0·1	0·3	0·0	0·0	—	—	—	1·6	23	23	6·5	1	8·5	4	3	2	22	16·33
·2	1·0	0·2	0·5	0·0	0·0	—	—	—	2·5	41·5	26·5	4	1·5	1	—	2	4·5	9	15·65
·7	1·8	0·1	1·2	0·0	0·0	—	—	—	2·6	66	15	1	—	—	—	—	3	8	13·24
·7	1·8	1·0	1·5	175·6	—	—	19	14	2·3	337·5	210	32	18·5	109·5	152·5	43·5	48·5	143	16·14

KASSALA for the year 1915

= 507·8 m. h_t = 1·1 m. h_r = 1·0 m. C_h = + 41·5 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									mm. per day
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
·6	0·3	0·4	0·4	0·0	0·0	—	—	—	1·5	29	24	4	1	1	4	3	27	—	9 57
·0	0·0	0·0	0·0	0·0	0·0	—	—	—	1·2	20	28	2	—	—	6	2	26	—	9·74
·4	0·2	0·0	0·2	0·0	0·0	—	—	—	1·2	18·5	32	3	—	—	—	4	35·5	—	12·45
·6	0·9	0·8	0·8	0·0	0·0	—	—	—	1·3	13	21	4	2	2	2	7	39	—	15·55
·2	1·5	2·0	1·6	10·1	10·1	31	1	1	1·6	15·5	11	6·5	5·5	16·5	16	6	16	—	15·56
·2	1·4	1·8	1·5	55·4	21·0	4	7	6	1·4	2·5	2·5	3	8·5	24·5	31·5	6·5	11	—	11·12
·8	1·8	3·4	2·7	114·9	40·0	13	5	5	1·7	—	0·5	5	11	39	32	3·5	2	—	8 71
·4	2·0	3·6	2·7	166·6	62·0	26	7	7	1·6	1	2	1·5	12·5	37·5	28·5	7	3	—	6·66
·1	1·2	4·1	2·5	86·9	27·7	18	9	9	1·6	3·5	2	3·5	5	34·5	16·5	8	17	—	6·49
·5	0·9	0·3	0·6	4·2	4·2	29	1	1	1·4	14	11·5	9	7	17·5	8·5	1·5	24	—	9·80
·3	0·4	0·0	0·2	0·0	0·0	—	—	—	1·5	25	24·5	10	5·5	3·5	—	2·5	19	—	10·89
·1	0·3	0·1	0·2	0·0	0·0	—	—	—	1·6	36·5	25	1·5	—	—	—	3	21	6	8·95
·0	0·9	1·4	1·1	438·1	—	—	30	29	1·5	178·5	184	53	58	176	145	54	240·5	6	10·46

Summary of Meteorological Observati

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

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.	M
1915																			
January	—	—	—	—	26·1	36·5	15·7	41·3	23	**9·7**	**10**	—	—	—	—	—	—	—	
February	—	—	—	—	27·2	38·0	16·5	41·5	2	12·4	20	—	—	—	—	—	—	—	
March	—	—	—	—	—	—	—	43·4	17, 29	10·2	16	—	—	—	—	—	—	—	
April	—	—	—	—	31·9	42·2	21·6	44·9	6, 7, 16	15·5	3	—	—	—	—	—	—	—	
May	—	37·2	—	—	33·5	43·3	23·7	**45·4**	**20, 21, 22**	19·6	9, 10, 12	—	—	—	—	—	—	—	
June	—	31·2	—	—	32·0	40·5	23·6	44·0	20	19·5	9, 10	55	—	—	—	18·5	—	—	
July	—	29·4	—	—	30·0	37·2	22·8	45·0	9	19·5	21	—	—	—	—	—	—	—	
August	—	28·7	—	—	28·8	35·4	22·2	40 0	26	20·0	31	—	—	—	—	—	—	—	
September	—	28·4	—	—	29·8	37·3	22·3	40·5	22, 29, 30	19·0	2	—	—	—	—	—	—	—	
October...	—	33·0	—	—	31·6	41·4	21·9	43·0	21	20·3	20	39	—	—	—	14·5	—	—	
November	—	29·4	—	—	29·4	38·7	20·1	41·0	14	13·0	28	36	—	—	—	11·0	—	—	
December	—	25·1	—	—	25·4	35·0	15·8	39·5	30	11·0	8, 9	48	—	—	—	11·3	—	—	
Year	—	—	—	—	29·6	38·7	20·6	—	—	—	—	—	—	—	—	—	—	—	

Summary of Meteorological Observati

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

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.
1915																		
January	724·92	21·1	—	26·0	23·6	35·7	16·5	41·4	22	10·8	10	42	—	26	34	7·7	—	6·4
February	23·78	22·7	—	27·6	25·2	36·5	17·7	40·0	3	14·2	13, 21	26	—	21	24	5·3	—	5·7
March	23·60	27·0	—	29·4	28·2	39·3	19·4	47·4	18	14·9	21	33	—	27	30	8·8	—	8·2
April	21·03	31·0	—	32·0	31·5	42·0	22·3	45·3	8, 15, 16	18·0	3	42	—	40	41	14·1	—	14·0
May	21·12	33·0	—	33·4	33·2	42·8	23·5	46·2	27	19·3	8	26	—	23	24	9·9	—	8·7
June	21·06	29·4	—	31·3	30·4	39·8	23·7	44·3	20	21·3	14, 18, 27	56	—	44	50	10·9	—	14·8
July	21·14	27·2	—	29·2	28·2	37·5	22·1	41·3	7	19·3	4	67	—	58	62	18·1	—	17·4
August	21·83	26·8	—	28·5	27·6	36·2	21·6	40·3	10	19·3	14, 23	74	—	69	72	19·3	—	20·0
September	22·33	27·5	—	29·0	28·2	37·9	21·5	41·3	23	19·2	9	74	—	64	69	20·0	—	19·1
October...	21·56	30 1	—	31·3	30·7	40·2	22·1	42·3	1, 18	19·3	29	51	—	46	48	16·1	—	15·6
November	22·56	28·0	—	29·6	28·8	38·6	21·0	40·3	Several dates.	17·3	26	49	—	44	46	13·7	—	13·6
December	23·88	22·7	—	26·0	24·4	35·2	17·1	39·3	23	12·7	8	52	—	41	46	10·6	—	10·2
Year	722·40	27·2	—	29·4	28·3	38·5	20·7	—	—	—	—	49	—	42	46	13·4	—	12·8

TAYIBA for the year 1915.

= 410 m. $h_t = 1{\cdot}4$ m. $h_r = 0{\cdot}8$ m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		8 h.	Number of observations in which the wind-direction was recorded as									
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	*14·28*
—	—	—	—	73·4	18·8	26	10	9	—	—	—	—	—	—	—	—	—	—	9·61
—	—	—	—	*58·1*	22·7	31	5	5	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	113·7	52·4	8	7	7	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	*92·8*	46·0	8	3	3	—	—	—	—	—	—	—	—	—	—	*6·90*
—	—	—	—	0.0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	*2·3*	2·3	15	1	1	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	0·0	0·0	—	—	—	—	—	—	—	—	—	—	—	—	—	*10·56*
—	—	—	—	340·3	—	—	26	25	—	—	—	—	—	—	—	—	—	—	—

WAD MEDANI for the year 1915.

= 407·6 m $h_t = 1{\cdot}8$ m. $h_r = 1{\cdot}2$ m. $C_h = +\ 33{\cdot}4$ mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
3	—	0·2	0·2	0·0	0·0	—	—	—	1·5	30	17·5	—	—	—	—	2	12·5	—	12·70
0	—	0·2	0·6	0·0	0·0	—	—	—	1·7	26·5	12	—	—	1·5	1·5	—	13·5	1	13·98
9	—	0·3	0·6	0·0	0·0	—	—	—	2·0	31	16·5	—	—	—	—	—	14·5	—	17·72
9	—	0·4	0·6	0·0	0·0	—	—	—	2·0	30	16	—	1	1·5	0·5	—	11	—	19·36
4	—	1·3	1·4	0·0	0·0	—	—	—	2·1	14·5	9	5	1·5	10	6·5	7·5	8	—	18·45
1	—	2·7	2·4	89·9	36·2	30	10	8	1·8	3	1	5	9·5	20·5	11·5	7·5	2	—	11·53
5	—	2·4	2·4	112·1	48·5	8	7	6	1·2	2	1·5	6·5	7	22	13	8·5	1·5	—	10·69
9	—	2·4	2·6	110·1	34·2	3	8	8	1·2	—	2	5	3·5	22·5	15	12	2	—	8·21
0	—	2·0	2·5	88·9	43·9	8	5	5	1·3	—	—	9	4·5	25	13·5	8	—	—	8·32
5	—	2·5	1·5	2·8	2·8	21	1	1	1·4	8·5	4	5	3	16·5	11·5	8·5	5	—	12·19
2	—	1·0	0·6	3·8	3·8	16	1	1	1·8	10·5	16	7·5	2	1	1	7·5	14·5	—	13·99
3	—	0·2	0·2	0·0	0·0	—	—	—	1·8	10	8·5	11·5	—	—	—	4·5	27·5	—	12·47
3	—	1·3	1·3	407·6	—	—	32	29	1·6	166	104	54·5	32	120·5	74	66	112	1	13·30

Summary of Meteorological Observatio

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

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.	Me
1915																			
January	726·06	21·8	—	24·8	23·3	33·1	13·3	39·4	30	7·8	11	33	—	27	30	6·4	—	6·2	6
February	25·42	23·0	—	25·0	24·0	33·2	14·8	37·4	2	11·1	21	31	—	31	31	6·4	—	7·2	6
March	25·40	26·8	—	28·2	27·5	36·8	18·3	43·9	29	8·0	21	22	—	16	19	5·6	—	4·5	5
April	23·32	31·2	—	30·7	31·0	41·3	19·5	43·9	7	12·5	3, 4	16	—	10	13	5·6	—	3·4	4
May	23·48	32·7	—	31·7	32·2	41·9	22·4	44·9	23, 24	17·8	5	18	—	13	16	6·8	—	4·6	5
June	24·18	29·3	—	31·5	30·4	38·7	24·8	43·4	20	20·8	16	54	—	36	45	16·3	—	12·6	14
July	25·02	28·2	—	29·8	29·0	36·7	22·7	40·5	2	18·6	13	61	—	50	56	17·5	—	15·4	16
August	25·12	26·7	—	29·1	27·9	34·9	22·6	40·0	10	19·0	8	72	—	63	68	18·8	—	18·8	18
September	25·12	27·5	—	29·4	28·4	35·5	23·0	41·2	23	19·8	9	67	—	58	62	18·1	—	17·7	17
October...	24·18	30·1	—	31·4	30·8	38·8	22·1	41·2	1	18·3	22	39	—	35	37	12·2	—	11·9	11
November	25·21	28·0	—	28·7	28·4	36·9	20·8	39·5	1, 14	15·2	26	27	—	27	27	7·7	—	8·0	7
December	27·08	21·9	—	23·4	22·6	—	15·4	33·5	31	11·5	10	39	—	35	37	7·7	—	7·6	7
Year	724·97	27·3	—	28·6	28·0	37·1	20·0	—	—	—	—	40	—	33	37	10·8	—	9·8	10

Summary of Meteorological Observatio

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

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.	M
1915																			
January	711·10	18·1	30·4	23·5	21·0	32·3	12·1	38·8	30	7·0	13, 16, 17	39	31	36	38	6·1	10·2	7·8	
February	10·34	19·1	31·7	25·7	22·4	33·5	13·0	37·2	2, 28	9·7	20	29	22	27	28	4·7	7·7	6·4	
March	9·79	23·9	35·2	27·7	25·6	37·2	15·7	41·6	29	9·9	21	24	32	43	34	5·5	13·8	12·4	1
April	8·12	28·8	37·9	31·0	29·2	39·6	18·9	42·8	16	14·2	3	14	9	20	17	4·5	4·7	6·5	
May	8·07	30·7	38·9	31·0	30·4	40·8	21·0	42·8	30	17·4	9	24	16	24	24	8·3	8·2	7·7	
June	8·81	28·0	35·9	29·6	29·0	37·9	22·3	41·5	20	17·5	16	63	38	40	52	17·6	16·4	12·3	1
July	9·63	26·4	34·5	29·4	28·0	35·8	21·5	39·3	7	19·1	26	65	34	48	56	16·4	13·5	14·0	1
August	9·68	25·3	32·5	28·1	26·6	33·7	20·5	37·1	10	13·3	18	72	42	56	64	17·1	14·9	15·5	1
September	9·29	26·2	33·4	28·1	27·0	35·3	20·5	38·1	23	17·3	3	69	41	56	62	17·1	15·2	15·6	1
October...	8·68	27·4	36·3	29·6	28·2	37·7	19·7	39·1	5	16·5	30	36	23	38	37	9·9	10·2	11·6	1
November	9·39	25·0	34·4	28·3	26·1	35·4	16·7	38·2	13	10·2	9	24	22	34	29	5·8	9·3	9·9	
December	11·10	18·1	29·5	24·8	21·0	30·6	11·8	35·6	22	7·0	9	27	15	13	20	4·2	4·7	5·1	
Year	709·50	24·7	34·2	28·1	26·2	35·8	17·8	—	—	—	—	40	27	36	38	9·8	10·7	10·2	1

DUEIM for the year 1915.

= 383·3 m. h_t = 1·6 m. h_r = 1·1 m. C_h = + 31·5 mm.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
				Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
							of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
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	—	—	—	3·1	57	0·5	—	—	—	—	—	4·5	—	15·73
5	—	0·0	0·2	0·0	0·0	—	—	—	3·1	42	0·5	—	—	—	—	—	13·5	—	16·62
3	—	0·0	0·2	0·0	0·0	—	—	—	3·0	51·5	6·5	—	—	1	—	—	3	—	19·13
1	—	0·0	0·0	1·6	1·6	16	1	1	2·9	48·5	7	1	—	3	—	—	0·5	—	21·72
5	—	0·1	0·8	0·0	0·0	—	—	—	2·8	37·5	6·5	1·5	4·5	6	5	1	—	—	20·26
2	—	0·9	2·6	46·6	17·0	15	6	6	3·5	—	2·5	2	10	39	5·5	1	—	—	13·03
2	—	2·6	3·4	41·1	11·0	31	9	7	3·6	—	—	1	2·5	52	3·5	2	—	—	10·87
0	—	4·1	5·0	119·2	52·3	16	9	6	3·1	1	0·5	4·5	3·5	48·5	4	—	—	—	7·94
7	—	1·6	3·2	57·9	39·3	1	5	3	2·8	—	1	4	4·5	40·5	7	1	—	2	8·27
1	—	0·7	0·4	1·0	1·0	13	1	1	2·2	24	2·5	3·5	3·5	20·5	5	1	2	—	13·78
0	—	0·3	0·2	0·3	0·3	3	1	—	2·6	48	4·5	0·5	0·5	5	—	—	1·5	—	16·79
2	—	0·0	0·1	0·0	0·0	—	—	—	3·2	58·5	2	—	—	—	—	—	1·5	—	15·35
8	—	0·9	1·3	267·7	—	—	32	24	3·0	368	34	18	29	215·5	30	6	26·5	2	14·96

EL OBEID for the year 1915.

= 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
			Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
0·5	0·1	0·3	0·0	0·0	—	—	—	1·5	44	15·5	3	—	2	—	—	28·5	—	18·35
3·0	1·1	2·4	0·0	0·0	—	—	—	2·2	33·5	17·5	5	—	6	—	—	22	—	19·07
2·1	0·8	1·6	0·0	0·0	—	—	—	1·9	24·5	25·5	1	2	10	—	4	26	—	18·94
0·8	0·3	0·5	0·2	0·2	17	1	—	2·3	7	39	4·5	6·5	3	1	2	27	—	19·32
1·9	0·8	1·2	14·4	13·4	30	2	2	2·2	1	35	—	14	—	12	2	29	—	19·73
4·1	4·2	3·9	44·5	31·0	15	7	5	3·2	—	14	1	27	2·5	38·5	1	6	—	17·00
4·0	3·6	3·7	33·2	12·8	25	7	6	2·8	2·5	2	0·5	33	10	32·5	3·5	9	—	9·91
4·6	2·8	4·0	77·5	14·5	27	12	11	2·9	3	11	1	34·5	5·5	32	—	6	—	7·12
4·0	3·4	3·1	66·2	23·5	2	9	6	2·7	4 5	12	4	26	7·5	28·5	1	6·5	—	8·26
1·9	1·7	1·4	0·0	0·0	—	—	—	2·1	7·5	21·5	1	7	5·5	23·5	2	24	1	15·21
0·3	0·3	0·3	0·0	0·0	—	—	—	2·2	15·5	18	—	11	3	10	—	30·5	2	17·56
0·5	0·0	0·2	0·0	0·0	—	—	—	3·1	31·5	19·5	—	7	3	6	—	26	—	17·07
2·3	1·6	1·9	236·0	—	—	38	30	2·4	174·5	230·5	21	168	58	184	15·5	240·5	3	15·63

Summary of Meteorological Observatio

φ = 13° 9′ N. λ = 33° 57′ E. of Greenwi

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.	M
1915																			
January	—	21·0	—	—	26·8	36·6	17·0	42·5	30	11·5	13	41	—	—	—	7·5	—	—	
February	—	22·7	—	—	27·9	37·5	18·3	40·0	2	15·0	21	31	—	—	—	6·3	—	—	
March	—	26·6	—	—	29·4	39·9	19·0	43·5	12, 13, 29	11·0	21	24	—	—	—	6·2	—	—	
April	—	30·3	—	—	32·2	42·1	22·3	45·0	7	18·0	4, 8	18	—	—	—	5·7	—	—	
May	—	32·4	—	—	33·1	41·6	24·6	44·5	23	19·5	19	29	—	—	—	10·6	—	—	
June	—	27·3	—	—	30·0	36·8	23·2	41·5	19	19·0	2	63	—	—	—	16·9	—	—	
July	—	25·2	—	—	27·6	33·2	21·9	30·5	7	19·0	15, 21, 29	75	—	—	—	17·9	—	—	
August...	—	25·1	—	—	27·4	32·7	22·2	35·3	10, 19	20·0	30	81	—	—	—	19·0	—	—	
September	—	25·0	—	—	27·0	33·0	21·0	36·9	30	18·4	18	76	—	—	—	17·8	—	—	
October	—	28·0	—	—	29·4	37·6	21·1	40·1	28	18·9	22	57	—	—	—	16·0	—	—	
November	—	27·2	—	—	29·2	38·0	20·5	39·4	15	17·6	9	43	—	—	—	11·6	—	—	
December	—	22·4	—	—	26·4	35·3	17·6	38·2	18	13·8	8	39	—	—	—	7·8	—	—	
Year	—	26·1	—	—	28·9	37·0	20·7	—	—	—	—	48	—	—	—	11·9	—	—	

Summary of Meteorological Observatio

φ = 12° 48′ N. λ = 36° 10′ E. of Greenwi

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.	M
1915																			
January	—	24·0	36·6	26·7	25·8	37·1	15·9	41·0	30, 31	12·0	10	—	—	—	—	—	—	—	
February	—	26·3	37·4	29·0	27·8	38·0	18·6	40·0	2	16·0	20, 21	—	—	—	—	—	—	—	
March	—	28·2	38·9	30·6	29·5	39·7	20·3	42·5	13, 31	14·5	21, 22	—	—	—	—	—	—	—	
April	—	32·3	40·2	32·0	32·0	41·3	23·3	44·0	7	18·5	4	27	19	24	26	9·7	10·6	8·5	
May	—	30·9	38·4	29·7	30·6	39·6	23·6	43·0	22	20·5	18	42	26	42	42	13·2	12·7	12·1	
June	—	25·6	32·8	25·5	26·2	33·7	20·7	38·5	2, 7, 11	18·5	12	66	41	63	64	15·9	14·9	14·8	
July	—	23·9	29·5	23·6	24·2	30·3	19·7	34·5	1	11·0	14	76	55	78	77	16·7	16·5	16·9	
August...	—	24·6	29·7	22·9	24·2	30·6	19·7	33·5	22	18·0	1	75	55	83	79	17·1	16·9	17·2	
September	—	23·8	29·7	22·6	23·8	30·7	19·2	33·5	23, 30	18·0	6, 8, 9	78	57	84	81	17·2	17·5	17·1	
October...	—	26·8	34·8	24·9	26·4	35·7	19·1	38·0	26, 27	17·0	10	62	33	65	64	16·1	13·5	14·9	
November	—	26·2	35·9	25·8	26·4	36·7	17·9	38·0	15, 27, 28	15·5	13, 17, 18	52	26	45	48	13·1	11·2	11·0	
December	—	24·2	35·7	26·2	25·6	36·3	16·3	39·5	16	14·0	8	43	20	32	38	9·7	8·9	8·0	
Year	—	26·4	35·0	26·6	26·9	35·8	19·5	—	—	—	—	58	37	57	58	14·3	13·6	13·4	

SINGA for the year 1915.

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

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
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	Force 8 h. Scale 0-10	Direction: Number of observations in which the wind-direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	mm. per day Piche
—	—	—	0·0	0·0	—	—	—	1·5	21	6	3	—	—	—	—	1	—	12·35
—	—	—	0·0	0·0	—	—	—	1·6	14	8	—	—	1	—	—	5	—	14·92
—	—	—	0·0	0·0	—	—	—	1·9	19	7	1	—	2	—	—	2	—	16·26
—	—	—	0·0	0·0	—	—	—	1·9	18	3	1	1	2	3	2	—	—	17·26
—	—	—	6·5	4·2	5	2	2	2·8	3	1	—	1	11	12	3	—	—	12·97
—	—	—	183·4	51·0	14	12	10	2·0	—	—	5	—	22	2	1	—	—	6·16
—	—	—	284·9	47·5	15	16	16	2·2	—	—	—	2	21	6	2	—	—	4·35
—	—	—	137·5	50·0	1	9	9	2·0	2	1	1	2	17	6	1	1	—	4·15
—	—	—	91·8	40·5	2	10	10	1·6	—	1	5	1	16	4	3	—	—	3·71
—	—	—	0·0	0·0	—	—	—	1·9	1	—	2	2	9	12	3	2	—	8·52
—	—	—	2·3	2·3	4	1	1	1·8	10	11	—	3	—	4	—	1	1	12·66
—	—	—	0·0	0·0	—	—	—	2·5	23	2	—	—	—	—	—	6	—	15·69
—	—	—	706·4	—	—	50	48	2·0	111	40	18	12	101	49	15	18	1	10·75

BALLABAT for the year 1915.

764·0 m. $h_t = 1·4$ m. h_r 1·7 m.

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
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	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	mm. per day Piche
0·3	0·3	0·4	0·0	0·0	—	—	—	1·5	61	—	5	—	11	1	4	—	11	11·85
0·3	0·0	0·2	0·0	0·0	—	—	—	1·8	42·5	2·5	11	—	9	—	7·5	4·5	7	13·95
0·4	0·3	0·4	0·0	0·0	—	—	—	1·7	44·5	6·5	14	—	10	—	5	5	8	16·55
1·6	1·8	1·5	0·0	0·0	—	—	—	1·7	30	4·5	4	1	18	2	15·5	6	7	16·79
2·9	4·5	3·2	67·3	15·5	30	8	8	1·9	17·5	3	5	2·5	13	1·5	34	7·5	8	13·03
3·0	5·3	4·0	154·8	44·3	20	13	11	2·2	16	0·5	4	0·5	20	4·5	26	9·5	8	6·05
3·8	6·1	5·1	203·6	45·0	23	19	19	2·0	3	1	5	1	29	6	35	2	11	3·69
3·2	5·9	4·2	153·8	36·6	13	15	14	1·8	6	—	2	2	31	9	28	4	11	3·37
3·6	5·2	4·1	263·0	66·0	10	16	16	1·7	14	—	3·5	1·5	30	2	22	—	17	3·13
2·5	1·4	1·5	6·2	5·5	5	2	1	2·0	20	2	7	3	27	8	12	1	13	6·33
1·9	1·5	1·2	Drops	Drops	1,8	—	—	2·1	23	3	5	1	27	6	14	3	8	8·65
0·6	0·2	0·4	0·0	0·0	—	—	—	2·2	38	5	5	15	13	1	5	3	8	11·07
2·0	2·7	2·2	848·7	—	—	73	69	1·9	315·5	28	70·5	27·5	238	41	208	45·5	117	9·54

Summary of Meteorological Observati

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

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.	M
1915																			
January	718·60	21·7	—	28·0	24·8	36·8	15·3	41·0	23, 24	11·0	21	37	—	25	31	7·1	—	7·0	
February	17·92	*23·5*	—	29·1	*26·3*	35·3	17·8	39·0	Several dates	12·0	2	*31*	—	23	27	*6·8*	—	6·3	
March	17·82	25·2	—	30·9	28·0	35·8	—	43·0	29, 30	*19·0*	5	26	—	18	22	5·9	—	5·4	
April	16·01	28·6	—	32·8	30·7	39·2	23·9	43·0	5,6,7	18·0	27	28	—	19	24	8·2	—	7·0	
May	16·67	29·8	—	33·3	31·6	40·7	—	44·0	28	*20·0*	*17*	45	—	29	37	13·6	—	10·6	
June	18·34	25·1	—	27·6	26·4	35·4	—	42·0	1	—	—	72	—	61	66	16·7	—	16·5	
July	18·56	23·5	—	26·1	24·8	33·0	—	38·0	5	—	—	83	—	75	79	17·8	—	18·6	
August	18·65	23·8	—	25·6	24·7	*33·6*	19·3	*37·0*	*22*	15·0	8	86	—	83	84	18·8	—	20·1	
September	18·78	23·9	—	25·1	24·5	33·5	20·0	36·0	2,22	19·0	Several dates	85	—	87	86	18·6	—	20·6	
October	17·70	25·2	—	26·0	25·6	36·9	20·2	40·0	Several dates	18·0	21	73	—	70	72	17·3	—	17·2	
November	17·79	25·0	—	27·2	26·1	37·4	18·6	40·0	Several dates	15·0	3,4,27	65	—	57	61	15·2	—	15·0	
December	18·53	20·8	—	26·6	23·7	37·1	15·9	39·0	Several dates	13·0	7	59	—	50	54	10·7	—	13·1	
Year	717·95	24·7	—	28·2	26·4	36·2	—	—	—	—	—	57	—	50	54	13·1	—	13·1	

Summary of Meteorological Observati

$\varphi = 11^\circ\ 2'$ N. $\lambda = 29^\circ\ 45'$ E. of Greenw

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.	M
1915																			
January	—	25·4	—	—	27·9	38·1	17·7	41·5	28,30,31	11·7	15	20	—	—	—	4·6	—	—	
February	—	26·3	—	—	29·0	38·6	19·4	40·5	5, 26	15·5	4	12	—	—	—	3·1	—	—	
March	—	28·4	—	—	30·2	40·0	20·4	43·0	12,13,30	16·0	22	14	—	—	—	3·8	—	—	
April	—	30·8	—	—	32·1	41·2	23·0	44·0	8	15·5	3	23	—	—	—	7·5	—	—	
May	—	29·9	—	—	31·2	39·0	23·3	42·0	20,21,24	18·0	29	38	—	—	—	12·2	—	—	
June	—	27·1	—	—	28·0	34·2	21·8	39·0	1, 7	18·6	10	64	—	—	—	16·9	—	—	
July	—	25·9	—	—	26·5	32·1	20·9	34·5	19	19·1	22, 25	71	—	—	—	17·4	—	—	
August	—	25·2	—	—	—	31·5	—	35·0	9, 12	*21·1*	*1, 13*	75	—	—	—	17·9	—	—	
September	—	24·8	—	—	27·7	33·4	22·0	36·5	28	19·6	26	77	—	—	—	17·9	—	—	
October...	—	25·3	—	—	27·5	35·9	19·1	39·5	28	17·0	17,28,30	65	—	—	—	15·3	—	—	
November	—	26·9	—	—	26·2	37·0	15·3	38·5	26	10·5	26	35	—	—	—	9·1	—	—	
December	—	24·2	—	—	23·4	34·8	12·0	39·0	18	7·5	9	16	—	—	—	3·6	—	—	
Year	—	26·7	—	—	28·2	36·3	19·5	—	—	—	—	42	—	—	—	10·8	—	—	

ROSEIRES for the year 1915.

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.	Force	Direction									mm. per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	0·7	0·8	0·0	0·0	—	—	—	0·9	17	3	1	—	2·5	1·5	15·5	14·5	7	14·11
—	0·8	1·0	0·0	0·0	—	—	—	0·9	10·5	2·5	—	—	1	4·5	12·5	19	6	16·79
—	0·8	1·4	0·0	0·0	—	—	—	1·0	13	11	5	4	4	8	8	6	3	18·02
—	2·1	2·2	11·0	8·0	29	2	2	1·4	14	1	2	2	17	12	9	3	—	17·92
—	3·8	3·8	11·5	7·2	5	2	2	2·0	4	6	6	2	19	16	4	5	—	16·16
—	6·7	6·8	216·3	52·3	8	13	12	2·8	1	8	3	1	28	13	—	6	—	8·83
—	6·8	7·2	264·3	44·1	12	15	14	2·4	—	1	—	2	34	23	1	1	—	4·90
—	6·6	6·8	73·8	18·3	22	9	9	2·4	2	—	3	2	24	20	11	—	—	4·65
—	7·1	7·2	81·0	26·1	13	12	10	2·3	2	1	3	—	30	14	9	1	—	4·73
—	5·7	4·8	38·0	14·2	6	5	5	2·6	1	—	2	—	28	18	13	—	—	7·94
—	3·2	2·4	15·6	12·2	1	2	2	2·3	9	—	—	—	17	23	9	2	—	11·90
—	0·1	0·2	0·0	0·0	—	—	—	2·2	39	—	4	—	1	2	10	6	—	14·90
—	3·7	3·7	711·5	—	—	60	56	1·9	112·5	33·5	29	13	205·5	155	102	63·5	16	11·74

KADUGLI for the year 1915.

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

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
			Total	Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		8 h.	Number of observations in which the wind-direction was recorded as									
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	—	—	—	2·8	11·5	13·5	4	—	—	—	—	2	—	15·52
—	—	—	0·0	0·0	—	—	—	3·0	4·5	19	4·5	—	—	—	—	—	—	17·39
—	—	—	0·0	0·0	—	—	—	2·8	10·5	11·5	7	1	—	1	—	—	—	17·72
—	—	—	0·0	0·0	—	—	—	2·9	8·5	6	7·5	3	2	2	1	—	—	17·68
—	—	—	91·2	55·5	28	5	5	2·8	3·5	5	8	6·5	2.5	2	2	1·5	—	13·27
—	—	—	170·0	38·5	1	9	9	2·7	2·5	1	14	3·5	1	1·5	3	3·5	—	8·33
—	—	—	179·4	47·0	13	12	12	2·5	1	3·5	13·5	6	2·5	1·5	2	1	—	5·58
—	—	—	128·7	36·0	19	8	8	2·5	3	6	19	2	—	—	—	—	1	4·25
—	—	—	155·2	42·2	11	14	13	1·9	5	14	7	—	1	—	—	—	3	3·87
—	—	—	41·0	21·0	14	4	4	1·7	—	4	2	—	1	3	7	5	9	7·19
—	—	—	7·5	7·0	2	2	1	1·1	—	4	2	1	—	4	2	1	16	12·24
—	—	—	0·0	0·0	—	—	—	1·5	2	8	—	—	2	2	1	3	13	17·63
—	—	—	773·0	—	—	54	52	2·4	52	95·5	88·5	23	12	17	18	17	42	11·72

Summary of Meteorological Observati

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

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.
1915																		
January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	723·61	29·4	38·4	29·4	29·8	39·6	22·1	43·1	13	16·6	22	22	11	28	25	6·7	5·8	8·4
April	22·23	30·7	39·0	31·2	31·5	40·4	25·0	43·6	26	19·6	3	38	17	30	34	12·0	8·3	9·9
May	23·58	28·3	34·8	29·0	29·0	37·5	23·9	41·5	20, 22	20·1	5	60	37	56	58	16·9	14·0	16·2
June	24·70	25·0	29·8	25·6	25·4	32·9	21·4	36·6	4, 6, 19	18·7	16	80	56	78	79	18·6	16·5	18·7
July	24·95	25·1	30·3	25·0	25·5	32·8	21·7	36·6	2, 6	19·1	23	81	56	81	81	18·9	17·4	18·7
August	24·90	24·5	29·0	24·5	*24·7*	31·2	*20·9*	34·7	9	*17·6*	*26*	86	64	89	88	19·5	18·6	20·3
September	24·52	25·5	30·8	24·4	25·6	32·4	21·9	35·8	21	19·3	5	81	55	87	84	19·5	17·7	19·7
October	23·96	26·3	32·5	25·3	26·6	34·0	22·2	37·5	14	19·9	23	75	49	81	78	19·1	17·5	19·4
November	23·92	25·9	*34·8*	25·2	*26·5*	35·8	20·0	38·6	14	14·6	27, 28	65	*29*	68	66	16·0	*11·7*	16·0
December	24·37	25·1	34·5	24·3	25·1	35·8	16·6	38·3	22, 24, 25	14·1	5	24	13	36	30	5·8	5·2	8·2
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observat

$\varphi = 9° 2'2$ N. $\lambda = 24° 18'$ E. of Green

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 (m 8 h.	14 h.	20 h.
1915																		
January	—	—	—	—	—	—	13·7	—	—	10·0	14	—	—	—	—	—	—	—
February	—	—	—	—	—	—	19·4	—	—	18·0	Several dates.	—	—	—	—	—	—	—
March	—	—	—	—	—	—	21·3	—	—	18·0	2, 3	—	—	—	—	—	—	—
April	—	—	—	—	—	—	23·7	—	—	21·0	28	—	—	—	—	—	—	—
May	—	—	—	—	—	—	22·1	—	—	19·0	Several dates.	—	—	—	—	—	—	—
June	—	—	—	—	—	—	21·5	—	—	19·0	15	—	—	—	—	—	—	—
July	—	—	—	—	—	—	21·2	—	—	19·0	8, 14, 20	—	—	—	—	—	—	—
August	—	—	—	—	—	—	24·2	—	—	22·0	1, 11	—	—	—	—	—	—	—
September	—	—	—	—	—	—	20·6	—	—	19·0	12	—	—	—	—	—	—	—
October	—	—	—	—	—	—	19·7	—	—	17·5	31	—	—	—	—	—	—	—
November	—	—	—	—	—	—	18·1	—	—	13·5	30	—	—	—	—	—	—	—
December	—	—	—	—	18·4	22·8	14·0	27·5	19	9·5	9	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	20·0	—	—	—	—	—	—	—	—	—	—	—

MALAKAL for the year 1915.

= 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
				Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	Total mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3·8	1·6	2·9	5·0	5·0	18	1	1	2·0	18·5	21·5	5	2	6·5	7	4·5	5	19	16·21
4·6	1·9	3·6	Drops	Drops	14,15.29	—	—	2·0	6	11·5	6·5	8	9·5	19·5	6	7	15	13·62
6·2	3·7	5·1	56·5	32·5	4	7	6	2·0	0·5	0·5	3·5	11	22	31	0·5	8	10	9·30
6·7	3·2	5·5	107·2	34·4	1	11	10	1·6	0·5	0·5	5·5	7·5	26·5	29	7	1·5	12	4·70
7·0	6·4	6·8	195·5	38·8	16	13	12	1·0	1·5	7	2	8·5	10	28·5	11	5·5	19	4·06
6·9	4·8	6·3	240·9	45·0	11	17	15	0·7	3	4·5	5	8	8	15·5	11·5	10·5	27	2·68
5·7	4·2	5·5	116·3	34·0	21	11	10	0·7	—	4	4	11	7	15	4·5	8·5	35	3·00
4·7	4·2	4·9	13·9	5·2	6	3	3	0·6	2	0·5	4	11·5	9·5	18·5	7	10	30	4·08
4·7	1·9	3·5	15·0	9·4	19	4	4	0·7	7	17	1·5	5·5	6	9·5	0·5	7	36	7·20
1·5	0·4	1·2	0·0	0·0	—	—	—	1·1	3	51·5	12·5	2	—	—	1	1	22	15·35
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

LAFIA KINGI for the year 1915.

= 596·0 m. $h_t = 1·5$ m. $h_r = 1·3$ m.

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
				Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		8 h.	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	Total mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	
—	—	—	0·0	0.0	—	—	—	3·6	—	—	—	—	—	—	—	—	—	—
—	—	—	0·0	0·0	—	—	—	3·8	—	—	—	—	—	—	—	—	—	—
—	—	—	0·0	0·0	—	—	—	4·1	—	—	—	—	—	—	—	—	—	—
—	—	—	24·0	24·0	22	1	1	5·6	—	4	8	—	17	1	—	—	—	—
—	—	—	98·0	41·0	5	3	3	5·9	—	—	5	—	19	3	4	—	—	—
—	—	—	181·4	50·0	27	9	9	4·9	—	4	1	12	6	7	—	—	—	—
—	—	—	213·3	79·0	13	16	16	4·5	—	4	3	9	5	8	1	1	—	—
—	—	—	179·7	54·5	31	11	11	4·0	—	2	6	12	3	7	—	1	—	—
—	—	—	103·3	32·0	2	9	9	4·1	—	3	6	6	3	11	1	—	—	—
—	—	—	12·0	12·0	1	1	1	4·3	2	18	1	1	—	7	1	1	—	—
—	—	—	0·0	0·0	—	—	—	4·6	2	17	6	3	1	—	—	1	—	—
—	—	—	0·0	0·0	—	—	—	5·4	—	18	13	—	—	—	—	—	—	—
—	—	—	811·7	—	—	50	50	4·6	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observati

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

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.
1915																		
January	—	28·4	—	—	27·8	37·3	18·3	45·5	26	15·0	10, 16	39	—	—	—	11·1	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	*29.8*	—	—	*31·2*	*41·2*	*21·3*	*44·6*	*29*	*16·7*	*22, 23*	*31*	—	—	—	*9·7*	—	—
April	—	31·2	—	—	33·4	41·1	25·8	43·7	22	22·5	2	45	—	—	—	15·3	—	—
May	—	28·9	—	—	30·8	38·0	23·7	42·4	22	15·2	8	62	—	—	—	18·4	—	—
June ...	—	25·6	—	—	27·7	33·8	21·6	38·5	7	19·1	16	79	—	—	—	19·1	—	—
July	—	25·9	—	—	27·7	33·4	22·0	38·1	2	17·2	9	78	—	—	—	19·3	—	—
August	—	24·6	—	—	26·8	32·0	21·5	36·3	9	19·5	18	86	—	—	—	19·7	—	—
September	—	25·6	—	—	27·4	33·2	21·5	37·1	30	19·5	5, 24	84	—	—	—	20·4	—	—
October	—	26·6	—	—	28·4	35·2	21·5	38·3	27	20·0	10, 31	73	—	—	—	18·9	—	—
November	—	*26·4*	—	—	28·1	36·2	20·0	39·5	14	14·2	27	*65*	—	—	—	*16·6*	—	—
December	—	*26·3*	—	—	*26·8*	*36·8*	*16·7*	*39·1*	*17, 19*	***13·8***	***15***	*27*	—	—	—	*6·7*	—	—
Year	—	27·2	—	—	28·7	36·2	21·3	—	—	—	—	61	—	—	—	15·9	—	—

Summary of Meteorological Observati

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

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.
1915																		
January	—	27·2	—	—	28·3	38·3	18·3	41.0	25, 31	14·0	10	44	—	—	—	12·1	—	—
February	—	28·0	—	—	28·9	38·9	18·9	42·0	20	14·0	25	41	—	—	—	11·3	—	—
March	—	29·8	—	—	29.9	39·3	20·5	42·0	30	18·0	Several dates	43	—	—	—	13·4	—	—
April	—	29·5	—	—	30·0	38·3	21·8	41·5	6,7	18·0	30	53	—	—	—	16·1	—	—
May	—	26·9	—	—	28·2	34·8	21·5	40·0	3	19·5	15, 31	69	—	—	—	18·3	—	—
June	—	24·4	—	—	26·2	31·4	21·0	37·0	3	19·0	4, 15	82	—	—	—	18·5	—	—
July	—	24·6	—	—	26·4	32·0	20·7	35·0	11	18·5	11	80	—	—	—	18·4	—	—
August	—	23·9	—	—	26·0	31·5	20·6	34·5	17	18·5	30	91	—	—	—	20·1	—	—
September	—	24·8	—	—	26·4	32·0	20·7	35·0	9,11	18·2	7	77	—	—	—	17·9	—	—
October	—	25·7	—	—	26·8	33·7	19·8	39·0	26	18·0	30	84	—	—	—	20·6	—	—
November	—	25·4	—	—	26·7	34·5	18·9	37·0	16	16·5	21, 27	68	—	—	—	16·3	—	—
December	—	25.8	—	—	26·2	35·3	17·1	38·0	25, 29	14·8	28	60	—	—	—	14·9	—	—
Year	—	26·3	—	—	27·5	35·0	20·0	—	—	—	—	66	—	—	—	16·5	—	—

DOLEIB HILL for the year 1915.

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

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
					Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									
							of rain		8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
h.	14 h.	20 h.	Mean	Total mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
0	—	—	—	0·0	0·0	—	—	—	4·6	24	—	2	—	1	—	1	—	3	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	10·0	10·0	18	1	1	2·4	11	1	6	—	4	—	1	—	5	—
0	—	—	—	0·1	0·1	29	1	—	2·9	5	1	5	6·5	6·5	3	2	1	—	—
4	—	—	—	88·2	51·6	4	9	7	3·3	1	—	1·5	9·5	9·5	6·5	1	—	1	—
9	—	—	—	149·9	41·2	19	13	11	3·3	1	1	5	8	9	1	2	1	2	—
9	—	—	—	195·8	34·5	13	14	13	2·5	0·5	3	3	7	5	6	3	0·5	3	—
3	—	—	—	139·7	24·5	28	16	15	2·2	2·5	3·5	8	2·5	4·5	6	2	2	—	—
5	—	—	—	55·1	13·3	28	12	10	2·0	2	1	11	3·5	4·5	2	4	2	—	—
0	—	—	—	13·5	5·0	8	6	3	1·8	2	—	9·5	2·5	4	5·5	6	1·5	—	—
9	—	—	—	24·3	11·4	6	5	4	1·9	8·5	3	5·5	1·5	1·5	3·5	2	1·5	1	—
4	—	—	—	0·0	0·0	—	—	—	4·0	8·5	15·5	2	—	—	—	—	—	—	—
0	—	—	—	676·6	—	—	77	64	2·8	66	29	58·5	41	49·5	33·5	24	9·5	15	—

GAMBELA for the year 1915.

= 410·0 m. $h_t = 1·4$ m. $h_r = 1·2$ m.

Clouds (0—10)				Rainfall (mm.)			Days with		Wind										Evaporation
					Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									
							of rain		8 h.	Number of observations in which the wind-direction was recorded as									mm. per day
	14 h.	20 h.	Mean	Total mm.	Amount	Date			Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
8	—	—	—	6·5	4·5	18	2	2	2·3	3	—	16	3	—	0·5	8·5	—	—	10·67
0	—	—	—	5·7	5·3	3	2	1	2·0	—	—	3·5	7·5	—	5	6	1	5	11·56
5	—	—	—	21·7	17·9	16	2	2	1·9	2	1	4	3	—	1·5	18·5	—	1	11·03
7	—	—	—	67·9	23·0	30	4	4	0·9	1	1	2	2	—	—	13	2	9	9·83
0	—	—	—	68·8	12·5	13	11	10	1·6	—	3	4	—	—	2	16	3	3	5·17
6	—	—	—	286·5	84·0	10	17	17	1·2	—	—	1	2	—	1	16	4	6	3·63
5	—	—	—	250·0	56·5	28	12	12	1·0	—	2	1	4	—	—	4·5	0·5	19	3·20
7	—	—	—	209·2	46·0	9	18	18	0·8	—	—	1	8	—	4	1	—	17	3·08
3	—	—	—	98·2	22·0	1	10	10	0·7	—	—	0·5	6·5	—	—	1	—	22	3·64
8	—	—	—	144·0	48·5	9	12	10	0·9	1	0·5	1·5	13·5	1·5	—	—	—	13	4·24
4	—	—	—	78·0	25·8	3	9	9	0·5	—	—	8	4	1	—	2	—	15	5·26
7	—	—	—	8·5	8·5	4	1	1	1·2	—	—	—	16	2	—	—	—	13	7·03
7	—	—	—	1245·0	—	—	100	96	1·2	7	7·5	42·5	69·5	4·5	14	86·5	10·5	123	6·53

Summary of Meteorological Observati

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

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.
1915																		
January	719·32	23·5	33·7	31·2	27·1	37·9	20·1	40·0	Several dates	19·0	18	77	31	46	62	16·5	11·9	15·5
February	19·07	23·2	34·0	31·2	27·1	37·6	20·0	40·0	3,9,20	19·0	14,23,26	79	30	46	62	16·7	11·8	15·6
March	18·93	23·5	34·7	31·5	27·4	38·6	19·9	41·0	26	19·0	Several dates	77	28	46	62	16·7	11·5	15·6
April	17·81	28·3	36·7	32·6	29·0	39·8	18·2	41·0	Several dates	14·0	7	60	27	45	52	16·9	12·6	16·6
May	18·53	27·1	34·5	30·9	27·5	38·1	17·4	40·5	20	14·0	24	66	36	52	59	17·4	13·8	16·9
June	20·36	25·4	31·2	26·6	26·3	36·5	22·0	38·5	Several dates	19·5	12	77	50	73	75	18·3	16·5	18·6
July	20·54	24·6	30·7	25·4	25·5	32·2	21·2	35·5	12	18·0	17	80	55	78	79	18·2	17·6	18·7
August	20·28	24·1	31·7	25·4	25·4	33·0	20·5	35·0	16,23	19·0	15,18,29	82	52	80	81	18·2	18·0	19·1
September	19·96	24·9	31·5	25·3	25·6	33·1	20·5	36·0	10,30	18·0	9,10	82	56	81	82	19·0	18·7	19·3
October	19·31	25·4	32·9	25·7	26·2	34·0	20·8	36·5	Several dates	18·5	6	79	49	79	79	18·9	17·9	19·2
November	19·41	24·8	33·4	25·9	26·0	34·9	20·1	37·0	22	17·0	28	75	40	69	72	17·3	14·5	17·1
December	19·99	22·1	34·1	26·4	24·8	34·9	16·8	37·5	17, 20, 26	13·5	9	46	18	35	40	9·2	7·4	9·1
Year	719·46	24·7	33·3	28·2	26·5	35·9	19·8	—	—	—	—	73	39	61	67	16·9	14·3	16·8

Summary of Meteorological Observati

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

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.
1915																		
January	719·30	26·1	36·6	28·4	27·6	37·8	19·5	41·0	Several dates	11·0	11	39	19	40	40	9·9	8·4	11·1
February	18·77	27·2	36·5	29·1	28·6	37·9	21·8	40·5	22,24,26	20·0	15, 23	47	21	43	45	12·4	8·8	12·4
March	19·55	28·0	36·3	29·6	28·7	38·1	20·8	42·0	13	16·5	10	54	26	49	52	14·7	11·0	14·1
April	18·53	26·4	33·9	27·4	27·5	35·8	22·4	39·0	5	19·0	7	72	44	71	72	18·3	16·7	18·7
May	19·19	26·1	32·7	26·8	27·0	34·0	22·3	37·0	1,2,28,	20·5	8,16	78	50	79	78	19·5	18·3	20·5
June	20·36	24·0	29·6	24·4	24·8	31·1	21·3	35·5	7	19·0	16	87	64	88	88	19·3	19·2	20·0
July	20·11	24·2	31·4	25·0	25·5	32·5	21·3	36·0	12, 13,	20·0	Several dates	84	52	82	83	18·6	17·6	19·2
August	20·04	24·1	30·4	24·7	25·0	32·3	20·8	35·5	16	19·5	Several dates	85	62	86	86	19·0	19·7	19·9
September	19·77	24·2	30·2	24·6	25·0	31·7	20·8	35·0	10, 30	18·5	7	84	58	84	84	18·7	18·2	19·3
October	19·00	25·3	32·5	25·2	26·0	33·5	20·9	36·0	14, 21	20·0	1	79	50	83	81	18·6	17·9	19·7
November	19·23	25·7	33·5	25·6	26·2	34·3	20·0	37·0	22	18·0	14	71	40	73	72	17·3	14·9	17·7
December	19·18	24·9	34·2	26·9	26·5	35·2	19·9	38·5	20	18·0	8	58	27	51	54	13·4	10·7	13·1
Year	719·42	25·5	33·2	26·5	26·5	34·5	21·0	—	—	—	—	70	43	69	70	16·6	15·1	17·1

WAU for the year 1915

= 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
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	Force Mean of day Scale 0-10	Direction N	NE	E	SE	S	SW	W	NW	Calm	mm. per day Piche
2·2	5·2	3·7	0·0	0·0	—	—	—	1.4	1	22	11	17	8	13	6	10	5	3·00
1·4	3·4	2·6	0·0	0·0	—	—	—	1·2	4	10	10	11	11	10	6	7	15	2·96
1·2	3·4	2·6	31·7	27·0	17	2	2	1·1	6	7	13	21	13	9	5	2	17	3·24
3·2	4·0	3·2	17·0	11·0	5	3	3	1·5	1	2	12	24	25	20	4	1	1	8·98
4·1	5·1	4·2	109·5	34·0	12	7	7	1·7	1	4	5·5	26·5	47	7	—	2	—	7·55
5·2	5·4	4·8	107·5	46·0	11	10	9	1·1	1	1	10·5	19	36	8.5	13	1	—	4·98
5·7	5·4	5·4	213·7	38·0	16	13	13	1·1	8	2·5	9·5	7.5	32.5	11	13·5	8·5	—	3·35
4·5	5·8	5·0	217·5	42·0	4	16	16	1·1	7	4	17	13.5	36	6.5	4.5	4.5	—	3·49
4·5	4·7	4·2	144·6	28·6	27	12	11	1·3	6	1	17·5	15·5	26	8·5	13·5	2	—	3·77
4·7	4·9	4·6	170·8	102·1	1	6	6	1·4	6·5	7·5	15·5	18	31	7	5	2.5	—	4·25
5·1	3·7	4·3	24·5	12·6	12	4	4	1·3	11	8	28	17·5	16·5	5·5	1.5	2	—	5·34
1·6	0·6	1·3	0·0	0·0	—	—	—	1·1	23	20	41	6·5	1·5	0·5	—	0·5	—	10·48
3·6	4·3	3·8	1036·8	—	—	73	71	1·3	75·5	89	190·5	197	283·5	106·5	72	43	38	5·12

MONGALLA for the year 1915

= 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
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	Force Mean of day Scale 0-10	Direction N	NE	E	SE	S	SW	W	NW	Calm	mm. per day Piche
4·1	3·3	3·8	0·0	0·0	—	—	—	0·5	13	14·5	10	2	1	1	—	3·5	48	11·73
5·2	4·2	4·8	10·1	6·5	2	3	2	0·5	13	2·5	2·5	1	2·5	2·5	2	3	55	9·14
5·9	5·4	5·9	15·1	12·0	15	4	3	0·7	6·5	4·5	5·5	3·5	3·5	17	4·5	7	41	9·54
5·5	6·4	6·3	151·3	59·5	19	12	11	0·7	5	4	—	7·5	2·5	17	7.5	6·5	40	5·14
6·3	6·6	6·1	185·4	35·0	15	13	12	0·5	2	2	1	1	1	22	5·5	2.5	56	3·45
7·3	7·2	7·5	169·8	38·8	2	16	13	0·3	1·5	2·5	—	1	—	6·5	5·5	3	70	2·29
7·5	6·6	6·9	60·9	36·5	30	7	4	0·3	3·5	2·5	2	1	1	7·5	10	4·5	61	3·36
6·4	4·1	5·5	93·2	46·3	1	12	10	0·3	4	1·5	—	—	0·5	4·5	7	4·5	71	2·99
6·6	5·0	6·0	258·9	73·0	17	13	12	0·3	5	1·5	—	—	1	2	7	5.5	68	2·81
5·5	7·3	6·3	108·6	20·5	29	17	15	0·4	5·5	2·5	4	2	2·5	5·5	9·5	3·5	58	3·61
6·7	5·3	6·0	12·2	9·6	25	6	2	0·4	10	3·5	6·5	1	3	4	5·5	1.5	55	5·06
4·8	2·6	4·5	6·9	5·8	11	2	2	0·4	11	5	7	—	—	1	2	7	60	8·70
6·0	5·3	5·8	1072·4	—	—	105	86	0·4	80	46·5	38·5	20	18·5	90·5	66	52	683	5·65

Summary of Meteorological Observati

$\varphi = 4° 8' N.$ $\lambda = 30° 40'$ E. of Greenw

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.
1915																		
January	—	26·2	35·0	24·6	25·2	36·2	15·1	38·9	22	12·3	9, 12	57	43	53	55	14·3	17·8	12·3
February	—	24·1	32·5	24·5	24·5	33·8	16·8	36.9	23, 24	11·8	6	61	32	55	58	13·5	11·6	12·5
March	—	24·0	31·6	24·0	24·6	33·1	18·8	36·4	12,13,14	17·2	Several dates	76	48	74	75	16·8	16·5	16 3
April	—	23·4	30·3	24·1	24·0	31·6	18·4	33·5	19, 25	12·0	26	79	61	78	78	16·9	19·5	17·3
May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Meteorological Observati

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

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.
1915																		
January	—	—	—	—	18·4	23·6	13·1	27·0	31	11·0	1,2,23	—	—	—	—	—	—	—
February	—	—	—	—	20·8	26·7	15·0	29·0	27, 28	13·0	10,12,14	—	—	—	—	—	—	—
March	—	—	—	—	22·0	27·8	16·3	30·0	Several dates	13·0	27	—	—	—	—	—	—	—
April	—	—	—	—	22·0	27·9	16·1	30·0	1	14·0	2	—	—	—	—	—	—	—
May...	—	—	—	—	23·1	29·4	16·8	31·0	9, 10	16·0	Several dates	—	—	—	—	—	—	—
June	—	—	—	—	22·2	27·9	16.4	31·0	7	15·0	11,14,15	—	—	—	—	—	—	—
July...	—	—	—	—	21·0	26·1	15·8	29·0	4	15·0	Several dates	—	—	—	—	—	—	—
August	—	—	—	—	20·6	26·1	15·2	28·0	Several dates	14·0	6	—	—	—	—	—	—	—
September	—	—	—	—	20·8	26·6	15·1	29·0	5	14·0	14,15,16	—	—	—	—	—	—	—
October	—	—	—	—	21·1	26·8	15·4	28·0	Several dates	14·0	6, 7	—	—	—	—	—	—	—
November	—	—	—	—	21·0	26·4	15·5	28·0	16	14·0	27,28	—	—	—	—	—	—	—
December	—	—	—	—	18·6	24·1	13·1	28·0	3	10·0	29,30,31	—	—	—	—	—	—	—
Year	—	—	—	—	21·0	26·6	15·3	—	—	—	—	—	—	—	—	—	—	—

YEI for the year 1915

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
				Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		Mean of day	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	Total mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	Piche
—	—	—	0·0	0·0	—	—	—	1·4	18	14	37	5	6	5	4	—	4	6·33
—	—	—	84·4	61·0	6	5	5	1·5	30	19	13	3	3	8	3	2	3	4·39
—	—	—	51·7	24·1	15	4	4	1·1	25	10	18	9	13	8	4	3	3	3·53
—	—	—	91·4	26·5	6	7	7	1·1	9	8	18·5	18·5	16	—	4	1	15	2·41
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

HARRAR for the year 1915.

= 1856·0 m.

Clouds (0—10)			Rainfall (mm.)			Days with		Wind										Evaporation
				Maximum 1 day		≥0·1 mm.	≥1·0 mm.	Force	Direction									mm. per day
						of rain		8 h.	Number of observations in which the wind-direction was recorded as									
14 h.	20 h.	Mean	Total mm.	Amount	Date			Scale 0–10	N	NE	E	SE	S	SW	W	NW	Calm	
—	—	—	0·0	0·0	—	—	—	—	—	8	—	3	—	—	—	20	—	—
—	—	—	0·0	0·0	—	—	—	—	—	3	—	2	—	—	—	23	—	—
—	—	—	111.0	20·0	12	8	8	—	—	—	—	5	1	1	1	23	—	—
—	—	—	155·5	36·8	12	12	12	—	2	2	1	2	—	1	1	21	—	—
—	—	—	77·5	30·0	19,27	7	7	—	1	3	1	5	—	1	2	18	—	—
—	—	—	126·5	64·0	11	9	9	—	1	4	2	11	—	—	—	12	—	—
—	—	—	74·0	20·5	15	11	11	—	1	4	5	16	2	—	—	3	—	—
—	—	—	117·5	21·0	26	14	14	—	1	7	6	17	—	—	—	—	—	—
—	—	—	127·0	24·0	12	16	16	—	4	15	2	4	—	—	1	4	—	—
—	—	—	68·5	19·0	6	6	6	—	5	6	2	—	—	—	1	17	—	—
—	—	—	5·0	5·0	3	1	1	—	4	2	—	—	—	—	—	24	—	—
—	—	—	0.0	0·0	—	—	—	—	3	—	—	—	—	—	—	28	—	—
—	—	—	862·5	—	—	84	84	—	22	54	19	65	3	3	6	193	—	—

YEARLY SUMMARY.

Yearly Summary of Meteorologi

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 Humidity (%). 8 h.	14 h.	20 h.
		m.	°	′	°	′														
1	Candia	27·1	35	20	25	8	758·81	19·7	—	18·7	19·2	22·6	15·5	39·0	August 24	5·5	November 29	62	—	69
2	Kyrenia*...	13·7	35	21	33	19	59·63	22·3 9h	—	19·1 21h	20·7	24·7	14·7	35·6	July 31, Aug. 4	4·4	December 2	64 9h	—	73 21h
3	Nicosia Hospital*... ...	152·1	35	11	33	22	58·00	20·4 9h	—	17·3 21h	18·9	28·1	11·0	44·4	September 6	— 0·6	February 16	60 9h	—	75 21h
4	Nicosia Observatory* ...	159·1	35	9	33	22	59·48	18·6	24·6 15h	—	19·3	25·0	12·7	43·3	August 26	1·7	February 7, 15 December 1, 2	68	50 15h	—
5	Famagusta*	22·8	35	7	33	57	59·81	21·6 9h	—	19·6 21h	20·6	26·8	14·6	41·1	June 17 August 26	3·3	December 3	72 9h	—	81 21h
6	Acheritou*	25·5	35	2	33	53	59·22	18·0	24·3 15h	—	19·2	25·5	12·0	40·6	August 25, 26	1·1	December 2	71	57 15h	—
7	Larnaca*...	10·7	34	55	33	37	59·78	22·2 9h	—	18·2 21h	20·2	26·3	12·0	40·3	August 26	1·1	March 6	61 9h	—	74 21h
8	Papho	74·1	34	46	32	25	—	21·8 9h	—	19·1 21h	20·4	25·1	13·7	38·9	September 6	2·2	Jan. 29, March 24	61 9h	—	69 21h
9	Limassol P.W.D.* ...	21·6	34	41	33	3	50·01	20·2	23·3 15h	—	18·9	25·5	12·3	41·7	August 26	1·7	Feb. 8, Nov. 30	69	62 15h	—
10	Limassol Hospital * ...	7·9	34	40	33	1	59·85	19·7 9h	—	17·6 21h	18·7	25·4	12·9	38·0	June 17	2·2	December 1	74 9h	—	79 21h
11	Damietta†	2·2	31	25	31	49	—	—	—	—	20·5	23·8	17·2	39·6	June 15	5·0	January 15	—	—	—
12	Port Said	3·5	31	16	32	19	60·69	20·9	—	20·9	20·9	25·5	18·0	41·0	May 28	7·1	February 4	73	—	75
13	Alexandria (Kom el Nadûra)	32·0	31	12	29	53	58·62	20·2	23·3	20·2	20·3	25·9	17·5	43·7	June 16	5·5	February 4	72	62	73
14	Sakha	6·0	31	7	30	57	—	19·1	26·3	17·4	18·8	27·4	12·2	44·8	June 16	3·9	January 11, 23	80	59	83
15	Mansûra†	7·0	31	3	31	23	—	19·6	26·1	—	20·2	28·5	14·3	43·2	June 15, 16	5·3	February 5	70	50	—
16	Qurashiya	7·6	30	51	31	7	60·47	19·3	27·4	18·7	19·5	28·3	12·4	47·4	June 16	0·5	January 15	77	49	79
17	Zagazig	11·2	30	35	31	30	59·87	18·0	26·7	19·4	19·2	27·5	12·7	45·8	June 16	1·6	January 24	74	41	67
18	Benha†	13·8	30	28	31	11	—	18·9	27·4	—	21·2	28·4	13·8	46·6	June 16	1·6	January 6	83	55	—
19	Heliopolis	41·0	30	6	31	19	—	19·1	27·5	22·1	20·9	28·4	16·0	45·5	June 16	2·2	January 20	74	41	59
20	ʿAbbasiya	29·9	30	5	31	17	58·12	18·3	27·0	21·6	20·5	28·3	15·2	45·0	June 16	3·5	January 20	75	40	59
21	Cairo (Ezbekiya)† ...	22·0	30	3	31	15	—	18·9	—	—	21·0	28·6	15·1	45·2	June 16	4·1	January 20	72	—	—
22	Giza...	27·8	30	2	31	13	58·54	18·3	27·1	20·3	19·7	28·0	13·0	45·8	June 16	1·7	January 14	76	37	63
23	Suez	3·4	29	56	32	33	60·67	20·2	28·2	25·8 17h	22·7	29·7	15·8	42·0	May 26, 27 June 15, 30	5·0	January 15	72	41	48 17h
24	Helwân	115·6	29	52	31	20	50·46	18·9	27·2	22·8	21·2	28·7	15·9	46·3	June 16	4·4	February 4	64	30	45
25	Qasr el Gebali	7·6	29	20	30	38	—	19·7	28·8	21·7	21·0	29·4	13·5	46·8	June 16	2·0	January 11, 12	78	56	73
26	Beni Suef†	28·4	29	4	31	6	—	20·4	—	—	21·2	29·6	12·8	45·5	June 16	0·3	January 14	63	—	—
27	Tôr	1·9	28	14	33	37	58·32	21·0	26·0	24·8	22·4	28·2	17·6	41·1	June 16	5·3	January 14	65	56	56
28	Minya†	43·0	28	6	30	46	—	19·7	—	—	22·3	29·0	15·6	46·3	June 16	2·9	January 5	68	—	—
29	Asyût	55·4	27	11	31	13	55·10	20·2	28·9	24·2	22·4	29·5	16·4	45·5	June 16	3·5	January 5	66	43	53
30	Qena†	73·0	26	10	32	43	—	22·9	—	—	25·1	34·1	16·0	46·0	June 16 July 4, 5	5·8	December 1	53	—	—
31	Dakhla Oasis†	100	25	29	29	00	—	21·0	—	—	—	33·1	14·9	46·0	May 27	— 0·5	January 14	48	—	—
32	Isna...	82·0	25	18	32	34	—	23·5	31·5	22·9	23·2	32·2	14·7	44·0	July 4	1·0	January 4, 19, 21	43	26	43
33	Aswân	99·6	24	2	32	53	49·64	24·0	33·6	28·6	26·5	35·4	20·0	47·2	June 17	7·2	January 17	38	33	28
34	Wadi Halfa	128·3	21	55	31	19	47·57	22·4	33·8	28·0	25·4	35·0	17·5	47·5	May 29	0·9	January 16	37	16	25
35	Dongonab	5·0	21	6	37	8	—	30·0	32·0	27·3	27·8	34·3	21·2	47·5	August 27	13·2	March 8, 9	56	57	74
36	Port Sudan	5·5	19	37	37	13	56·79	30·0	31·7	28·4	28·5	33·9	24·1	46·0	July 6	16·6	January 10	56	56	67
37	Dongola	236·0	19	8	30	28	—	—	—	—	29·4	39·6	19·2	48·8	June 17	4·7	January 10	—	—	—
38	Suakin†	4·5	19	7	37	20	58·07	30·4	—	—	29·1	33·8	24·5	45·7	July 6	17·1	April 5	58	—	—
39	Merowe	255·1	18	29	31	50	35·63	27·1	37·7	30·8	29·4	39·5	22·0	48·0	August 26	7·8	January 10	26	14	20
40	Tokar†	18·0	18	25	37	40	—	29·8	—	—	28·7	36·3	21·1	55·5	June 28	9·0	April 4, 6	60	—	—
41	ʿAtbara	354·5	17	40	33	58	26·48	27·3	37·0	30·8	29·3	38·3	22·1	46·0	June 19	9·9	January 10	35	17	25
42	Zeidab	365	17	23	33	55	—	20·0	36·0	30·7	26·0	37·6	18·3	45·9	June 19	5·5	January 11	58	27	33
43	Khartoum (Gordon College)...	390·0	15	37	32	33	23·82	26·7	36·4	30·6	29·0	37·5	22·2	46·4	May 28	10·0	January 10	34	16	25
44	Kassala	507·8	15	28	36	24	14·08	27·6	36·3	29·1	28·7	37·5	21·8	45·6	April 6	13·0	January 11	48	23	37
45	Tayiba	410	14	29	33	23	—	—	—	—	29·6	38·7	20·6	45·4	May 20, 21, 22	9·7	January 10	—	—	—
46	Wad Medani	407·6	14	24	33	31	22·40	27·2	—	29·4	28·3	38·5	20·7	47·4	March 13	10·8	January 10	49	—	42
47	Dueim	383·3	14	00	32	20	24·97	27·3	—	28·6	28·0	37·1	20·0	44·9	May 23, 24	7·8	January 11	40	—	33
48	El Obeid...	568·9	13	11	30	14	9·50	24·7	34·2	28·1	26·2	35·8	17·8	42·8	April 16 May 30	7·0	January 13, 16, 17 December 9	40	27	36
49	Singa†	436·3	13	9	33	57	—	26·1	—	—	28·9	37·0	20·7	45·0	April 7	11·0	March 21	48	—	—
50	Gallabat	764·0	12	48	36	10	—	26·4	35·0	26·6	26·9	35·8	19·5	44·0	April 7	11·0	July 14	58	37	57
51	Roseires	466·9	11	51	34	23	17·95	24·7	—	28·2	26·4	36·2	—	44·0	May 28	11·0	January 21	57	—	50
52	Kadugli†...	503·0	11	2	29	45	—	26·7	—	—	28·2	36·3	19·5	44·0	April 8	7·5	December 9	42	—	—
53	Kafia Kingi†	596·0	9	22	24	18	—	—	—	—	—	—	20·0	—	—	9·5	December 9	—	—	—
54	Doleib Hill†	391·0	9	18	31	38	—	27·2	—	—	28·7	36·2	21·3	45·5	January 26	13·8	December 15	61	—	—
55	Gambela†	410·0	8	15	34	35	—	26·3	—	—	27·5	35·0	20·0	42·0	February 20 March 30	14·0	Jan. 10, Feb. 25	66	—	—
56	Wau...	440·0	7	42	28	3	19·46	24·7	33·3	28·2	26·5	35·9	19·8	41·0	March 26 April sev. dates	13·5	December 9	73	39	61
57	Mongalla	439·0	5	11	31	47	19·42	25·5	33·2	26·5	26·5	34·5	21·0	42·0	March 13	11·0	January 11	70	43	69
58	Harrar	1856·0	9	42	42	30	—	—	—	—	21·0	26·6	15·3	31·0	May 9, 10 June 7	10·0	Dec. 29, 30, 31	—	—	—

* Standard Pressure at sea-level. † Wind force at 8h only.

P = Piche; W = Wild. To convert readings of evaporation given by the Wild instruments to the Piche standard, multiply by the factor 1·4.

servations for the Year 1915.

Vapour Pressure (mm.)				Clouds (0—10).				Rainfall (mm.)			Days with		Wind										Evaporation (mm.) per day.
									Maximum in one day		≥ 0·1 mm.	≥ 1·0 mm.	Force	Direction									
													Mean of day	Number of observations in which the wind-direction was recorded as									
h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean	Total	Amount	Day	of rain.		Scale 0-10	N	NE	E	SE	S	SW	W	NW	Calm	
·7	—	11·3	11·0	3·8	—	2·5	3·2	434·7	43·9	Dec. 24	42	39	0·9	54	11·5	5·5	8	118·5	80·5	17·5	110·5	334	5·83 P.
1 9h	—	12·4 21h	12·8	2·3 9h	—	2·1 21h	2·2	178·8	19·0	April 5	41	37	—	183	59	10	27	222	71	15	143	—	—
4 9h	—	11·4 21h	10·9	3·3 9h	—	2·3 21h	2·8	146·6	13·5	April 5	41	26	—	23	—	8	2	9	21	435	5	227	—
0·7	10·9 15h	—	—	3·0	4·0 15h	—	—	146·6	15·0	Oct. 20	34	25	—	60	38	59·5	82·5	43	98	97·5	207·5	44	—
9 9h	—	13·9 21h	13·9	2·7 9h	—	2·3 21h	2·5	278·9	25·4	Feb. 3	37	36	—	2	44	235	9	14	34	362	30	—	—
·8	13·3 15h	—	—	2·8	3·5 15h	—	—	205·2	24·1	Nov. 28	48	40	—	22·5	98·5	49	56	146	97	72·5	86·5	100	—
2 9h	—	11·7 21h	12·0	2·9 9h	—	1·8 21h	2·3	203·5	34·8	Nov. 28	39	32	—	133	69	69	64	133	52	95	113	1	—
3 9h	—	11·7 21h	12·0	3·4 9h	—	3·4 21h	3·4	249·2	31·0	Feb. 3	37	32	—	7	25	5	7	2	48	325	51	260	—
·4	13·4 15h	—	—	2·5	3·3 15h	—	—	342·4	48·5	Feb. 3	47	37	—	7	15	31·5	37·5	24·5	50	391	25·5	148	—
2 9h	—	12·3 21h	12·8	2·2 9h	—	1·4 21h	1·8	302·2	49·5	Nov. 28	44	36	—	34	4	208	13	66	12	277	21	95	—
—	—	—	—	2·2	—	—	—	51·9	8·0	March 14	18	15	1·9	43	37·5	9	33	18	50·5	21·5	67·5	80	—
·9	—	14·2	14·0	4·1	—	2·1	3·1	36·5	9·0	Mar. 16,17	8	8	1·8	109·5	83	52·5	28	35	42	122	131	127	2·01 W.
·1	13·6	13·3	13·3	3·8	2·9	2·8	3·2	82·0	10·0	Jan. 15	22	22	1·9	193	75·5	37	21	30	53·5	171·5	230·5	277	2·22 W.
·6	15·2	12·7	13·8	2·3	2·3	0·5	1·7	36·2	8·0	Nov. 29	9	9	1·0	50·5	49·5	49·5	1	0·5	1	74·5	153	715	3·62 P.
·1	12·4	—	—	0·4	0·6	—	—	48·5	20·5	Nov. 29	14	10	1·3	72	91	64	66	74	180	150	105	13	3·31 W.
·1	13·6	13·0	13·2	2·8	3·0	1·5	2·4	13·2	3·5	Mar. 16,28	7	6	0·8	139	100·5	40·5	11	9·5	38	50	131·5	575	4·48 P.
·9	10·6	11·3	11·2	2·2	2·0	0·8	1·7	6·0	2·3	Mar. 16	5	4	1·4	267·5	50	37	7·5	62	41	107	187	336	3·22 W.
·0	15·1	—	—	3·7	3·0	—	—	3·5	2·2	Mar. 16	2	2	2·0	94	210	86	38	15	78	82	122	3	5·76 P.
·5	11·2	11·9	11·9	3·0	1·9	1·0	1·9	—	—	—	—	—	1·2	424	—	48	—	60	—	4	—	559	7·88 P.
·2	10·4	11·3	11·3	2·9	2·3	1·2	2·2	9·7	2·5	Jan. 8	6	5	3·5	515	8	8	11	110	36	226	86	95	—
·2	—	—	—	2·7	—	—	—	8·0	4·6	Jan. 8	3	3	1·0	86	7	2	2	42	8	—	10	208	4·88 P.
·2	9·8	11·0	11·0	3·4	2·0	1·0	2·1	3·6	1·7	March 15	3	2	2·8	311·5	50	1	13·5	43	100·5	32·5	532·5	10	4·96 W.
·0	*11·6*	*11·6 17h*	*12·3*	1·3	1·1	*0·9 17h*	*1·1*	5·8	3·0	Feb. 3	4	3	*1·1*	*356*	*143·5*	*28*	*7*	*50*	*35*	*26*	*56·5*	*300*	—
·6	7·7	9·2	9·2	2·1	1·8	1·3	1·7	11·5	7·3	Jan. 8	3	2	3·2	406	254	43	40·5	44	37	51	218·5	1	5·97 W.
·8	18·3	15·4	16·2	1·2	1·1	0·6	0·9	—	—	—	—	—	2·0	902	19	6	—	3	—	12·5	18·5	116	4·55 W.
·6	—	—	—	0·0	—	—	—	—	—	—	—	—	1·1	168·5	72·5	10	10	21·5	20·5	22	29	7	5·79 W.
·9	14·4	13·2	13·5	1·6	1·7	1·5	1·6	—	—	—	—	—	3·2	243	60·5	5	12	42	18	41	573·5	100	7·70 P.
·9	—	—	—	1·1	—	—	—	—	—	—	—	—	1·9	240·5	35	10	—	—	—	1	13·5	65	8·72 W.
·9	12·8	12·0	12·2	0·1	0·0	0·0	0·0	—	—	—	—	—	1·5	346·5	56·5	2	3·5	2·5	6·5	38	533·5	106	8·62 W.
·3	—	—	—	0·3	—	—	—	—	—	—	—	—	2·1	—	2	—	—	—	—	—	361	—	6·42 P.
·6	—	—	—	0·5	—	—	—	—	—	—	—	—	1·1	137	—	—	—	1	1	8	23	195	7·99 P.
·9	8·7	8·6	8·7	0·5	0·5	0·4	0·4	—	—	—	—	—	1·8	756	144	8	18	37	22	5	105	—	5·58 W.
·6	14·2	9·2	10·6	0·9	0·9	0·6	0·8	—	—	—	—	—	3·2	582·5	128·5	4	—	14	37	18·5	310·5	—	10·72 W.
·1	5·9	6·6	6·5	0·6	0·6	0·4	0·6	—	—	—	—	—	2·0	677·5	69	8·5	6	3·5	14·5	12·5	135·5	168	18·45 P.
·8	19·8	19·7	18·8	1·6	1·1	0·8	1·2	4·8	2·5	Mar. 21	3	2	1·9	396	157	44	67·5	12·5	6·5	7	131	255	13·28 P.
·9	19·2	19·1	18·4	2·8	1·9	1·8	2·2	34·9	14·5	Nov. 26	7	5	2·5	243	335·5	156	70	39·5	88·5	64	52·5	46	8·35 P.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
·2	—	—	—	3·7	—	—	—	137·3	28·3	Dec. 29	22	15	2·9	34	28·5	12·5	16	15	15·5	84	155·5	4	5·78 P.
·0	6·4	6·3	6·6	1·2	1·4	1·0	1·2	—	—	—	—	—	3·0	329	127	12·5	7·5	27	187	129·5	275·5	—	19·78 P.
·9	—	—	—	2·5	—	—	—	139·9	65·7	Oct. 30	11	9	2·9	64	115	14	—	91	—	29	—	52	10·70 P.
·3	7·9	8·2	8·5	0·5	0·8	0·8	0·7	1·8	1·3	Aug. 13	2	1	1·5	472	134	53·5	30	71	115	64·5	64	91	18·66 P.
·3	11·6	10·6	*10·9*	—	—	—	—	42·2	35·0	Sept. 9	3	3	—	—	—	—	—	—	—	—	—	—	10·58 P.
·1	7·5	8·2	8·2	1·7	1·8	1·0	1·5	175·6	34·9	Sept. 8	19	14	2·3	337·5	210	32	18·5	109·5	152·5	43·5	48·5	143	16·14 P.
·7	9·8	10·9	11·2	1·0	0·9	1·4	1·1	438·1	62·0	Aug. 26	30	29	1·5	178·5	104	53	58	176	145	54	240·5	6	10·46 P.
—	—	—	—	—	—	—	—	340·3	52·4	Aug. 3	26	25	—	—	—	—	—	—	—	—	—	—	—
·4	—	12·8	13·1	1·3	—	1·3	1·3	407·6	48·5	July 3	32	29	1·6	166	104	54·5	32	120·5	74	66	112	1	13·30 P.
·8	—	9·8	10·3	1·8	—	0·9	1·3	267·7	52·3	Aug. 16	32	24	3·0	368	34	18	29	215·5	30	6	26·5	2	14·96 P.
·8	10·7	10·2	10·2	1·8	2·3	1·6	1·9	236·0	31·0	June 15	38	30	2·4	174·5	230·5	21	108	58	184	15·5	240·5	3	15·63 P.
·9	—	—	—	2·8	—	—	—	706·4	51·0	June 14	50	48	2·0	111	40	18	12	101	49	15	18	1	10·75 P.
·3	*13·6*	*13·4*	*13·8*	1·8	2·0	2·7	2·2	848·7	66·0	Sept. 10	73	69	1·9	315·5	28	70·5	27·5	238	41	208	45·5	117	9·54 P.
·1	—	13·1	13·1	3·8	—	3·7	3·7	711·5	52·3	June 8	60	56	1·9	112·5	33·5	29	13	205·5	155	102	63·5	16	11·74 P.
·8	—	—	—	2·6	—	—	—	773·0	55·5	May 28	54	52	2·4	52	95·5	88·5	23	12	17	18	17	42	11·72 P.
—	—	—	—	—	—	—	—	811·7	79·0	July 13	50	50	4·6	—	—	—	—	—	—	—	—	—	—
·9	—	—	—	2·0	—	—	—	676·6	51·6	May 4	77	64	2·8	66	29	58·5	41	49·5	33·5	24	9·5	15	—
·5	—	—	—	2·7	—	—	—	1245·0	84·0	June 10	100	96	1·2	7	7·5	42·5	69·5	4·5	14	86·5	10·5	123	6·53 P.
·9	14·3	16·8	16·0	3·6	3·6	4·3	3·8	1036·8	102·1	Oct. 1	73	71	1·3	75·5	89	190·5	197	283·5	106·5	72	43	38	5·12 P.
·6	15·1	17·1	16·3	6·1	6·0	5·3	5·8	1072·4	73·0	Sept. 17	105	86	0·4	80	46·5	38·5	20	18·5	90·5	66	52	683	5·65 P.
—	—	—	—	—	—	—	—	862·5	64·0	June 11	84	84	—	22	54	19	65	3	3	6	193	—	—

Duration of Sunshine.

ALEXANDRIA, 1915.

Days of Month	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible
	Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours	
1	3·8	38	3·5	33	7·0	61	10·2	82	12·0	90	12·2	87	10·4	74	12·0	88	9·1	71	8·8	75	8·6	79	5·5	54
2	0.0	0	0·0	0	9·1	79	9·9	79	12·0	90	11·5	82	12·4	88	12·0	88	8·7	68	8·8	75	8·2	75	3·1	30
3	7·3	72	0·3	3	9·2	80	10·0	80	9.6	72	12·0	86	12·1	86	11·8	87	10·7	84	8·6	73	7·7	71	8·2	80
4	9·0	89	6·5	61	9·2	79	0·5	4	12·2	91	11·2	80	11·4	81	11·9	87	11·3	89	8·7	74	6·2	57	8·6	84
5	9·0	89	7·0	65	9·3	80	0·0	0	11·6	86	12·3	88	11·8	84	10·5	78	11·2	89	8·3	71	8·6	80	8·1	79
6	8·5	84	7·0	65	7·9	68	5·6	44	12·0	89	11·8	84	12·2	87	11·2	83	10·7	85	8·3	71	5·2	48	8·4	82
7	4·5	44	7·9	73	9·5	81	5·9	47	12·0	89	11·7	83	12·3	88	12·3	91	10·7	85	8·3	71	7·6	71	8·4	83
8	2·4	24	5·8	54	8·5	73	9·0	71	11·9	88	9·2	65	12·4	89	11·5	85	10·8	86	8·3	72	8·5	79	8·4	83
9	4·0	39	5·2	48	8·8	75	8·2	65	11·2	82	11·8	84	12·5	89	11·6	87	10·2	82	8·2	71	8·5	79	3·1	31
10	8·9	87	5·2	48	9·5	81	8·5	67	12·2	90	11·8	84	12·6	90	11·8	88	9·4	75	7·6	66	8·4	79	7·2	71
11	8·7	85	5·6	51	8·2	69	10·3	80	12·4	91	10·5	74	12·5	89	11·4	85	10·5	84	8·5	74	7·3	69	8·5	84
12	6·9	68	9·2	84	8·7	74	10·5	82	11·8	87	12·0	85	12·3	88	12·0	90	9·5	77	7·5	65	5·2	49	8·1	80
13	8·8	86	8·7	79	6·2	53	1·5	12	6·5	48	10·3	73	12·0	86	12·0	90	9·2	74	7·5	65	7·4	70	8·6	85
14	8·8	86	5·5	50	8·7	73	6·5	50	9·5	69	11·9	84	11·5	82	12·0	90	9·2	74	7·4	65	8·5	80	8·5	84
15	8·3	81	7·5	68	2·6	22	10·5	81	11·2	82	11·0	78	12·1	86	11·6	87	9·2	75	7·5	66	8·7	83	4·5	45
16	5·0	49	8·3	75	1·3	11	6·7	52	10·3	75	7·1	50	12·3	88	11·1	84	9·2	75	8·3	73	6·0	57	6·1	60
17	3·0	29	8·5	77	2·8	23	8·7	67	9·6	70	12·2	87	12·5	90	11·7	89	8·9	72	7·3	65	8·8	84	2·6	26
18	9·0	87	8·7	78	6·6	55	9·6	74	10·5	76	9·6	68	12·3	88	11·0	83	8·0	66	9·2	81	8·8	85	4·0	40
19	9·0	87	8·3	75	8·8	73	8·8	68	12·2	88	9·9	70	12·0	86	10·7	81	8·9	73	4·4	39	7·2	69	8·5	84
20	7·4	71	7·0	62	10·0	83	11·0	85	12·1	88	11·6	82	12·3	88	11·0	84	9·0	74	8·7	78	8·4	81	8·5	84
21	4·8	46	8·8	79	8·0	66	11·0	85	12·4	90	11·9	84	12·1	88	11·8	90	8·7	71	8·8	79	7·8	75	3·8	38
22	0·0	0	9·0	80	5·3	44	10·1	77	12·5	91	12·4	88	12·0	87	11·7	89	8·5	70	7·7	69	8·0	77	7·1	70
23	7·8	75	9·2	82	9·5	78	10·0	76	12·3	89	11·7	83	12·1	88	11·2	86	8·4	69	7·3	65	8·4	81	5·9	58
24	9·1	88	9·3	82	7·9	65	4·5	34	12·3	88	11·5	82	11·9	86	11·5	88	7·8	65	8·0	72	8·0	78	7·3	72
25	8·0	77	8·0	71	4·8	39	1·0	8	10·2	73	12·5	89	12·5	91	11·3	87	7·8	65	9·5	86	7·2	70	4·0	40
26	8·6	82	9·3	82	8·8	72	0·3	2	11·2	81	12·5	89	12·1	88	11·0	85	8·2	68	9·3	84	7·4	72	7·8	77
27	7·6	72	9·0	79	5·7	46	5·4	41	8·5	61	12·4	88	11·8	86	11·2	87	8·5	71	9·1	83	8·7	84	2·4	24
28	8·3	79	8·5	75	6·9	56	6·4	48	10·0	72	12·2	87	12·2	89	11·0	85	8·5	71	9·0	82	8·5	83	8·6	85
29	7·5	71			9·2	74	10·8	81	12·5	89	11·5	82	11·2	82	11·6	90	8·1	68	9·2	84	1·0	10	7·3	72
30	4·3	41			9·7	78	12·2	92	11·5	82	10·8	77	11·8	86	11·2	88	8·6	72	9·1	83	5·0	49	3·4	34
31	8·3	78			8·7	70			11·5	82			12·2	90	11·3	88			8·6	79			5·5	54
Month	6·7	65	7·0	64	7·9	64	7·5	58	11·2	82	11·4	81	12·1	87	11·5	87	9·2	75	8·3	73	7·5	71	6·5	64

PORT SAID, 1915.

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	7·5	74	7·0	66	8·5	74	—	—	13·0	97	13·2	94	12·3	87	13·2	97	11·5	90	11·5	97	10·1	93	4·7	46
2	7·0	69	0·6	6	10·3	90	10·5	84	12·0	90	13·2	94	13·1	93	10·1	74	11·6	91	11·4	97	10·0	92	10·1	99
3	4·0	40	0·0	0	10·5	91	11·5	92	11·7	87	13·2	94	12·8	91	11·8	87	11·3	89	11·4	97	8·4	78	9·5	93
4	9·7	96	10·1	94	10·0	86	3·0	24	12·6	94	13·0	93	12·3	87	11·9	87	11·9	94	11·6	99	4·5	42	9·8	96
5	10·1	100	10.0	93	10·0	86	0·0	0	12·6	93	13·4	96	12·7	90	12·3	91	11·3	90	11·5	98	10·4	96	10·2	100
6	10·1	100	10·8	100	10·0	86	6·0	48	12·6	93	13·4	96	12·2	87	12·3	91	11·7	93	11·5	98	10·5	97	10·2	100
7	5·0	49	10·5	97	11·0	94	8·5	67	13·2	98	13·4	95	12·2	87	12·5	93	11·2	89	11·0	94	9·7	91	7·2	71
8	7·5	74	6·0	56	9·5	81	11·0	87	12·6	93	12·7	90	13·2	94	12·5	93	10·7	85	11·6	100	10·7	100	10·1	100
9	5·5	54	6·5	60	10·2	87	9·0	71	13·0	96	13·5	96	13·3	95	12·3	92	11·2	90	11·2	97	10·7	100	10·1	100
10	10·2	100	10·2	94	10·5	89	7·3	57	13·2	97	13·2	94	13·2	94	11·8	88	8·8	70	10·8	94	10·1	95	9·7	96
11	10·2	100	10·9	100	9·5	81	12·0	94	13·5	99	12·9	91	13·3	95	11·7	87	11·1	89	10·3	90	7·7	73	8·9	88
12	9·3	91	10.8	99	10·0	85	9·7	76	13·4	99	12·5	89	12·7	91	12.9	96	11·7	94	8·8	77	7·8	74	10·1	100
13	10·2	100	11·0	100	4·4	37	4·8	38	11·8	87	12·7	90	12·8	91	13·0	98	12·0	97	11·0	96	9·8	92	9·0	89
14	10·2	100	0·5	5	8·8	74	2·4	19	9·2	67	11·9	84	12·3	88	11·8	89	12·0	97	9·8	86	10·6	100	10·1	100
15	10·1	98	8·5	77	3·6	30	11·0	85	12·1	88	12·4	88	12·7	91	11·9	89	11·8	96	9·4	82	10·5	100	7·4	73
16	6·6	64	10·7	97	0·8	7	8·0	62	12·5	91	9·5	67	12·7	91	11·8	89	11·8	96	11·3	99	9·8	93	8·1	80
17	4·7	46	10·8	97	1·2	10	10·0	78	10·8	79	12·6	89	13·2	95	12·5	95	11·5	93	11·2	99	9·2	88	6·8	67
18	10·3	100	8·7	78	8·6	72	11·4	88	12·8	93	12·0	85	13·4	96	11·7	89	11·5	94	11·3	100	8·0	77	9·5	94
19	10·3	100	9·5	86	11·3	94	12·0	92	13·2	96	12·6	89	13·0	94	12·0	91	11·7	96	8·8	78	10·2	98	10·1	100
20	10·4	100	9·8	88	11·2	93	11·5	88	13·6	99	13·0	92	13·6	98	11·4	87	11·7	96	10·8	96	10·4	100	10·1	100
21	5·0	48	11·2	100	10·8	89	12·6	97	12·5	91	12·8	91	13·2	96	11·6	89	11·9	98	10·2	91	9·2	88	3·7	37
22	0·3	3	11·2	100	0·0	0	10·3	79	13·3	96	13·3	94	12·2	88	12·0	92	11·8	98	7·0	62	10·3	99	7·3	72
23	7·0	67	11·2	100	10·5	86	9·0	69	12·5	91	12·1	86	12·3	89	12·2	94	10·7	88	9·5	85	10·4	100	3·0	30
24	10·2	98	11·3	100	7·8	64	10·9	83	12·9	93	12·8	91	12·4	90	12·3	95	10·5	88	10·7	96	6·0	58	5·6	55
25	10·0	96	11·3	100	7·2	59	0·5	4	11·1	80	13·2	94	12·5	91	12·0	92	11·3	94	9·8	88	9·0	87	8·0	79
26	9·7	92	11·0	97	8·0	65	2·0	15	12·2	88	13·2	94	12·7	92	12·0	93	11·6	97	11·1	100	9·2	89	9·9	98
27	2·8	27	11·4	100	8·2	67	5·6	42	11·1	80	12·8	91	13·1	96	11·8	91	10·8	90	11·0	100	10·1	98	9·5	94
28	10·4	99	11·1	97	0·3	2	11·5	86	11·0	79	12·2	87	11·9	87	12·2	95	11·9	100	10·3	94	9·7	94	9·2	91
29	9·5	90			8·5	69	13·0	98	12·0	86	10·7	76	10·9	80	11·6	90	11·7	98	11·0	100	6·2	61	5·5	54
30	6·5	61			8·0	65	12·0	90	13·3	95	12·6	89	12·8	94	11·4	89	11·7	98	11.0	100	5·7	56	7·0	69
31	10·2	96			10·0	81			12·8	91			12·8	94	12·0	94			10·8	99			4·5	45
Month	8·1	78	9·0	82	8·0	68	8·5	66	12·4	91	12·7	90	12·7	91	12·0	91	11·4	93	10·6	93	9·2	87	8·2	81

Duration of Sunshine.

QURASHIYA, 1915.

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	2·3	23	3·8	36	8·4	73	9·3	75	11·5	86	11·8	84	9·5	67	11·7	86	8·6	67	9·2	78	8·5	78	4·7	46
2	0·0	0	0·0	0	8·5	74	8·3	66	12·0	90	11·5	82	9·8	70	12·1	89	9·1	71	8·2	69	6·5	60	1·6	16
3	3·0	30	0·0	0	8·1	70	8·0	64	10·0	75	10·6	76	9·8	70	11·3	83	8·9	70	8·3	70	8·1	75	6·0	59
4	5·5	54	7·5	70	8·5	73	1·9	15	12·2	91	10·6	76	9·2	65	10·7	79	9·4	74	8·4	72	3·2	30	4·5	44
5	7·6	75	7·1	66	6·8	59	0·0	0	11·7	87	11·1	79	9·8	70	10·8	80	9·7	77	8·4	72	9·1	84	5·0	49
6	7·0	69	4·0	37	8·0	69	6·5	52	11·6	86	11·0	79	9·8	70	11·8	87	9·0	71	7·3	62	6·5	60	4·5	44
7	0·0	0	4·6	43	8·7	74	6·1	48	12·3	91	10·5	74	10·1	72	12·2	90	9·2	73	8·6	74	6·1	57	7·8	77
8	0·0	0	4·7	44	6·3	54	8·0	63	12·0	89	9·2	65	10·3	74	12·1	90	9·5	75	9·2	79	8·8	82	1·2	12
9	1·4	14	5·7	53	8·0	68	8·7	69	12·5	92	9·8	70	10·3	74	11·9	89	8·9	71	8·4	72	8·0	75	7·4	73
10	7·1	70	5·4	50	8·3	70	8·5	67	12·6	93	9·6	68	10·4	74	11·5	86	9·2	74	5·9	51	8·1	76	5·4	53
11	7·5	74	7·0	64	7·7	65	8·3	65	12·5	92	9·7	69	10·3	74	11·5	86	9·3	74	8·5	74	7·0	66	4·8	48
12	6·7	66	9·0	83	7·3	62	9·0	70	11·5	85	9·0	64	10·4	74	12·0	90	9·6	77	7·4	64	5·4	51	6·4	63
13	8·2	80	8·2	75	3·2	27	4·6	36	10·3	76	7·5	53	10·4	74	12·0	90	9·2	74	8·4	73	6·6	62	4·5	45
14	7·8	76	2·5	23	7·0	59	3·0	23	7·1	52	7·9	56	10·0	71	12·2	92	9·6	77	7·7	68	8·3	78	5·7	56
15	4·5	44	4·5	41	3·1	26	8·0	62	10·8	79	9·0	64	10·6	76	11·8	89	9·3	76	8·9	78	8·3	79	0·8	8
16	2·5	24	8·0	73	3·6	30	6·2	48	10·9	80	6·4	45	10·8	78	12·0	91	9·5	77	8·7	76	6·6	63	0·3	3
17	2·0	19	8·4	76	0·9	8	8·6	67	9·5	69	9·7	69	10·7	77	12·0	91	9·3	76	7·4	65	8·2	78	0·8	8
18	8·0	78	7·5	68	3·2	27	8·8	68	11·1	86	9·5	67	10·8	78	12·1	92	7·6	62	8·0	71	7·2	69	0·6	6
19	8·2	80	4·6	41	8·2	68	8·8	68	12·2	88	9·5	67	11·0	79	11·8	89	9·1	75	2·7	24	7·0	67	6·4	63
20	7·2	69	8·1	72	8·7	72	10·3	76	11·4	83	9·5	67	11·1	80	11·0	84	9·6	79	7·8	70	5·9	57	6·7	66
21	0·0	0	8·4	75	7·2	60	11·0	85	12·3	89	9·6	68	10·7	78	11·4	87	8·8	72	6·9	62	7·5	72	0·7	7
22	0·0	0	6·2	55	2·2	18	10.5	80	12·5	91	9·6	68	11·1	80	11·6	89	8·6	71	6·0	54	8·2	70	1·7	17
23	3·9	38	8·5	76	8·8	72	11·0	84	12·5	91	9·3	66	11·0	80	11·5	88	9·1	75	8·3	74	7·5	72	0·0	0
24	8·3	80	8·8	78	6·9	57	5·3	40	12·5	90	9·6	68	11·4	83	9·8	75	8·9	74	7·7	60	6·4	62	1·6	16
25	6·3	61	8·5	75	6·3	52	0·5	4	10·9	78	9·8	70	11·7	85	11·7	90	9·4	78	8·5	77	5·0	49	3·4	34
26	8·4	80	8·3	73	6·0	49	0·1	1	10·7	77	9·6	68	10·3	75	11·0	85	8·8	73	8·8	79	7·5	73	5·0	50
27	3·4	32	8·3	73	5·0	41	6·0	45	10·0	72	9·5	67	11·6	85	11·3	88	9·5	79	8·6	78	7·2	70	0·4	4
28	7·7	73	8·3	73	2·5	20	0·0	68	10·7	77	9·5	67	10·3	75	10·9	84	9·3	78	8·8	80	6·5	63	4·5	45
29	7·4	70			7·7	62	11·2	84	11·8	84	9·1	65	11·6	85	11·1	86	9·3	78	8·7	79	3·5	34	1·1	11
30	3·5	33			8·8	71	11·8	89	11·5	82	9·6	66	12·2	89	10·2	80	9·5	80	9·1	83	0·0	0	1·1	11
31	8·4	79			9·7	78			11·3	81			11·6	85	9·8	77			8·2	75			2·4	24
Month	5·0	48	6·3	57	6·6	55	7·2	56	11·4	83	9·6	68	10·6	76	11·4	87	9·2	74	8·0	70	6·8	64	3·5	34

KHARTOUM (Gordon College), 1915.

Days of Month	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible	Recorded	% of Possible
	Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours		Hours	
1	8·5	76	9·2	81	8·9	76	10·3	84	9·0	71	9·5	73	4·8	37	9·4	73	7·3	59	8·7	72	7·8	68	8·8	70
2	9·0	80	9·2	81	8·4	71	10·3	84	10·7	84	1·2	9	10·2	78	9·5	74	0·7	6	8·5	71	8.3	72	9·0	80
3	9·2	82	9·0	79	8·4	71	10·8	88	9·4	74	4·4	34	9·2	71	4·2	33	0·0	0	8·6	72	8·8	77	9·1	81
4	8·8	79	7·3	64	7·8	66	10·8	88	11·1	87	1·3	10	0·0	0	3·4	27	5·0	40	8·8	74	8·5	74	9·4	84
5	8·8	79	8·2	72	8·5	72	10·8	88	10·0	79	10·0	77	9·5	73	10·5	82	0·3	2	8·8	74	9·0	78	9·2	82
6	8·8	79	7·8	68	9·4	79	11·0	89	11·3	89	4·8	37	3·1	24	2·5	20	5·2	42	8·8	74	8·8	77	9·2	82
7	8·5	76	9·0	78	9·5	80	9·7	79	11·5	91	8·8	68	4·0	31	6·0	47	7·3	59	8·7	73	9·2	81	8·6	77
8	5·8	52	8·8	77	8·7	73	8·8	71	8·1	63	6·0	46	5·0	38	5·5	43	4·6	37	8·6	72	9·4	82	6·1	54
9	8·7	78	8·7	76	9·5	80	10·0	81	11·8	92	3·8	29	9·8	75	7·6	60	3·6	29	8·6	73	9·6	84	9·1	81
10	8·0	71	8·8	77	8·9	75	11·0	89	12·0	94	10·7	82	10·5	81	7·4	58	8·6	70	8·8	75	9·4	82	9·4	84
11	9·5	85	9·0	78	9·0	75	10·5	85	12·0	94	0·6	5	5·2	40	9·6	76	4·0	33	8·6	73	9·4	82	9·5	85
12	9·4	84	9·3	80	9·5	79	9·2	74	12·0	94	9·0	69	2·1	16	8·0	63	4·2	34	8·5	72	9·3	82	7·2	64
13	9·5	85	9·5	82	9·3	78	9·8	79	12·1	95	6·2	48	6·6	51	8·2	65	8·3	68	5·2	44	9·4	82	8·8	79
14	9·5	85	9·5	82	8·0	74	11·1	90	12·2	95	9·2	71	7·4	57	1·5	12	8·4	69	8·6	73	9·1	80	9·1	81
15	9·0	80	9·3	80	9·5	79	10·6	85	12·2	95	10·2	78	5·3	41	8·0	63	7·0	57	8·4	71	9·0	79	9·2	82
16	8·8	78	9·0	78	8·6	72	10·4	84	11·5	90	9·0	69	9.9	77	9·4	75	7·9	65	8.8	75	9·4	82	9·0	80
17	8·8	78	9·2	79	9·0	75	10·8	86	10·5	82	7·0	54	8·0	62	4·9	39	8·3	68	9·2	79	9·4	82	9·0	80
18	8·0	71	9·2	79	8·1	68	11·3	90	11·8	92	7·4	57	8·7	67	4.5	36	4·0	33	9·5	81	9·4	83	8·8	79
19	8·5	75	7·8	67	8·8	73	11·5	92	11·7	91	6·8	52	10·1	78	10·0	79	6·4	53	9·6	82	9·0	80	9·0	80
20	9·0	80	8·8	76	9·8	81	11·0	88	11·5	89	8·7	67	9·4	73	5·8	46	6·8	56	9·5	81	9·1	81	9·0	80
21	9·3	82	8·9	76	10·0	83	11·2	90	11·2	87	8·8	68	4·8	37	9·6	76	8.4	69	9·3	79	9·0	80	9·2	82
22	9·1	81	9·4	80	10·3	85	11·0	88	11·3	88	10·3	79	8·2	64	10·3	82	8·5	70	9·0	77	9·2	81	9·0	80
23	8·9	79	9·5	81	10·0	83	10·8	86	11·4	88	6·8	52	8·0	62	5·1	41	7·6	63	9·3	80	9·2	81	8·8	79
24	8·8	78	9·4	80	10·5	87	11·6	92	10·8	84	10·3	79	3·0	23	10·5	84	2·2	18	9·3	80	9·5	84	8·7	78
25	9·2	81	9·6	82	10·4	86	11·7	93	10·8	84	8·8	68	10·7	84	9·1	73	8·2	68	9·4	81	9·5	84	9·0	80
26	9·2	81	9·2	79	9·8	80	11·6	92	6·4	50	2·8	22	10·5	82	2·4	19	8·0	67	9·3	80	9·3	82	8·1	72
27	9·2	81	9·4	80	10·4	85	11·5	91	10·8	84	8·5	65	5·2	41	4·4	35	8·2	68	9·3	80	9·3	82	9·0	80
28	9·4	82	8·0	68	10·3	84	11·2	89	7·5	58	6·2	48	7·8	61	10·5	85	7·9	66	9·5	82	9·4	84	8·7	78
29	9·2	81			10·0	82	11·0	87	9·5	74	11·2	86	9·1	71	3.6	29	8·1	68	9·5	82	9·5	85	8.8	79
30	8·8	77			9·2	75	10·8	86	9·5	74	10·5	81	10·4	81	0·0	0	8·5	71	9·6	83	8·8	79	8·8	79
31	8·8	77			9·4	77			8·5	65			4.5	35	2·1	17			9·0	78			9·1	81
Month	8·8	78	8·9	77	9·3	78	10·7	86	10·6	83	7·3	56	7·1	55	6·6	52	6·1	50	8·9	76	9·1	80	8·8	79

RAINFALL TABLES.

Rainfall Stations in BEHEIRA PROVINCE, LOWER EGYPT.

Mersa Matrûh (Mediterranean Sea Coast).

φ=31° 22′ N. λ=27° 14′ E. h=10 m. h_r=1·5 m.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Date	Days with ≥0·1 (mm. of rain)	Days with ≥1·0 (mm. of rain)
1915					
January ...	12·2	6·4	15	2	2
February ...	10·7	6·5	8	4	2
March ...	11·0	7·5	27	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...	0·0	0·0	—	—	—
December...	—	—	—	—	—
TOTAL ...	*33·9*	—	—	8	*6*

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)
1915					
January ...	17·5	12·0	8	3	3
February ...	6·3	3·0	2	4	3
March ...	5·5	2·5	15	3	3
April	1·0	0·5	5,6	2	—
May	0·0	0·0	—	—	—
June	0·0	0·0	—	—	—
July	0·0	0·0	—	—	—
August ...	0·0	0·0	—	—	—
September...	0·3	0·3	18	1	—
October ...	0·0	0·0	—	—	—
November...	5·5	5·5	29	1	1
December...	7·3	4·5	1	3	3
TOTAL ...	43·4	—	—	17	13

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)
1915					
January ...	30·7	17·5	16	4	3
February ...	21·2	9·9	4	6	4
March ...	10·9	2·5	15, 28	6	5
April	0·8	0·8	5	1	—
May	0·0	0·0	—	—	—
June	0·0	0·0	—	—	—
July	0·0	0·0	—	—	—
August ...	0·0	0·0	—	—	—
September...	Drops	Drops	18	—	—
October ...	Drops	Drops	24	—	—
November...	10·1	5·8	29	2	2
December...	5·0	3·6	25	3	2
TOTAL ...	79·3	—	—	22	16

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)
1915					
January ...	10·7	6·1	16	6	2
February ...	18·3	12·4	9	6	4
March ...	15·7	7·6	2	5	5
April	1·5	1·5	6	1	1
May	0·0	0·0	—	—	—
June	0·0	0·0	—	—	—
July	0·0	0·0	—	—	—
August ...	0·0	0·0	—	—	—
September	Drops	Drops	19	—	—
October ...	2·4	2·4	23	1	1
November	7·3	4·0	29	3	3
December...	2·1	2·1	28	1	1
TOTAL ...	58·0	—	—	23	17

Damanhûr.

φ=31° 2′ N. λ=30° 29′ E. h=5 m. h_r=1·0 m.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Date	Days with ≥0·1 (mm. of rain)	Days with ≥1·0 (mm. of rain)
1915					
January ...	18·9	14·4	15	3	3
February ...	11·2	3·4	1	5	4
March ...	25·2	9·5	16	5	5
April	2·9	2·4	6	2	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..	6·8	4·6	29	2	2
December...	0·5	0·5	26	1	—
TOTAL ...	65·5	—	—	18	15

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)
1915					
January ...	28·8	17·5	15	4	4
February ...	12·3	5·1	4	6	2
March ...	14·4	6·0	28	7	4
April	9·9	5·0	23	3	2
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	33·2	18·2	29	4	4
December...	2·8	0·8	27	4	—
TOTAL ...	101·4	—	—	28	16

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)
1915					
January ...	2·0	2·0	8	1	1
February ...	0·8	0·5	1	2	—
March ...	11·2	6·0	15	3	3
April	0·1	0·1	5	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	9·5	9·5	29	1	1
December...	1·0	0·5	23, 25	1	—
TOTAL ...	24·6	—	—	9	5

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	4·5	4·5	1	1	1
March ...	18·0	18·0	29	1	1
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	8·0	8·0	29	1	1
December..	0·0	0·0	—	—	—
TOTAL ...	30·5	—	—	3	3

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)
1915					
January ...	25·0	14·0	9	3	3
February ...	12·4	5·3	10	5	5
March ...	21·4	9·0	17	6	4
April... ...	7·4	7·4	23	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	10·5	10·5	30	1	1
December...	1·1	0·8	2	2	—
TOTAL ...	77·8	—	—	18	14

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	7·3	6·3	16	2	2
April... ...	3.3	3·3	22	1	1
May	0·0	0·0	—	—	—
June	0·0	0·0	—	—	—
July	0·0	0·0	—	—	—
August ...	0·0	0·0	—	—	—
September .	0·0	0·0	—	—	—
October ...	0·0	0·0	—	—	—
November..	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	10·6	—	—	3	3

Ismailia * (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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·7	0·4	1	3	—
March ...	3·6	3·6	16	1	1
April... ...	3·0	3·0	24	1	1
May	0·0	0·0	—	—	—
June	0·0	0·0	—	—	—
July	0·0	0·0	—	—	—
August ...	0·0	0·0	—	—	—
September .	0·0	0·0	—	—	—
October ...	0·0	0.0	—	—	—
November .	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	7·3	—	—	5	2

* 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
1915					
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..	Drops	Drops	23	—	—
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	Drops	—	—	—	—

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
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	0·1	0·1	15	1	—
June	6·2	6·2	6	1	1
July	20·9	12·6	14	4	3
August ...	2·8	2·8	11	1	1
September.	6·1	4·0	4	2	2
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	36·1	—	—	9	7

Gebeit.

φ=18° 56′ N. λ=36° 51′ 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
1915					
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	20·6	8·8	7	3	3
July	9·3	7·0	23	2	2
August ...	5·2	3·2	30	3	2
September.	36·4	25·9	13	3	3
October ...	0·0	0·0	—	—	—
November.	0·0	0·0	—	—	—
December...	5·5	2·0	28, 29	3	3
TOTAL ...	77·0	—	—	14	13

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
1915					
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	5·5	5·5	9	1	1
August ...	26·5	20·5	6	3	3
September..	14·0	5·0	1	4	4
October ...	0·0	0·0	—	—	—
November..	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	46·0	—	—	8	8

Sallom.

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
1915					
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...	7·5	7·5	20	1	1
December...	40·0	25·0	31	3	3
TOTAL ...	47·5	—	—	4	4

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
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	No observations.				
May					
June	61·0	29·0	27	5	5
July	75·0	31·0	14	4	4
August ...	177·0	32·0	18	10	10
September...	145·0	79·0	2	4	4
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	458·0	—	—	23	23

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April	0·0	0·0	—	—	—
May	4·0	2·5	14	2	2
June	74·2	28·8	19	9	9
July	123·3	38·4	5	9	9
August ...	162·5	48·5	26	9	9
September...	225·0	70·3	5	12	12
October ...	7·3	4·8	20	2	2
November...	2·0	2·0	3	1	1
December...	0·0	0·0	—	—	—
TOTAL ...	598·3	—	—	44	44

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)
1915					
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	28·0	12·0	4	3	3
August ...	91·8	35·0	27	6	6
September...	51·5	20·5	2	3	3
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	171·3	—	—	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)
1915					
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	46·0	1	3	3
July	48·0	21·0	8	5	5
August ...	85·0	32·0	27	5	5
September...	16·0	8·0	9	3	3
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	210·0	—	—	16	16

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)
1915					
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	42·6	17·1	13	4	4
July	45·5	28·5	3	4	3
August ...	142·8	58·0	7	6	6
September .	46·5	40·0	8	3	3
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	277·4	—	—	17	16

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)
1915					
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	35·6	20·0	14	6	6
July	92·5	44·0	4	5	5
August ...	319·0	135·0	17	9	9
September...	64·0	40·0	9	4	4
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	511·1	—	—	24	24

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)
1915					
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	17·0	12·0	12	2	2
July	31·0	28·0	4	2	2
August ...	151·0	56·0	8	7	7
September...	49·5	46·0	9	2	2
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	248·5	—	—	13	13

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)
1915					
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	64·5	29·0	30	5	5
July	34·2	20.0	20	4	3
August ...	99·0	24·0	13	7	7
September..	42·0	25·0	8	3	3
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—		—
December...	0·0	0·0	—	—	—
TOTAL ...	239·7	—	—	19	18

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)
1915					
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	45·1	41·6	16	2	2
July	108·4	45·5	24	6	6
August ...	156·2	61·7	4	7	7
September...	63·2	39·3	2	3	3
October ...	4·7	4·7	7	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	377·6	—	—	19	19

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	6·0	6·0	18	1	1
April... ...	0·0	0·0	—	—	—
May	4·5	4·5	5	1	1
June	46·7	13·0	16	7	7
July	106·9	38·5	24	11	10
August ...	219·8	58·0	1	10	10
September...	15·7	9·9	2	3	3
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	399.6	—	—	33	32

Makwar (Blue Nile).

φ=13° 30′ N. λ=33° 40′ 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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	2·5	2.5	17	1	1
April... ...	1·0	1·0	29	1	1
May	1·0	0.5	30, 31	2	—
June	61·0	16·0	15	7	7
July	120·2	45·0	24	11	10
August ...	200·2	79·0	1	10	9
September...	57·5	28·0	2	10	8
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	443·4	—	—	42	36

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)
1915					
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	102·4	34·0	11	8	8
July	370·0	92·0	13	13	13
August ...	80·0	28·0	23	8	7
September...	96·0	36.5	2	5	5
October ...	0·0	0·0	—	—	—
November...	33·0	33·0	4	1	1
December ...	0·0	0·0	—	—	—
TOTAL ...	681·4	—	—	35	34

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)
1915					
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	93·6	30·0	11	10	10
July... ...	267·0	40·0	12	14	14
August ...	62·7	23·0	23	6	4
September...	141·0	60·0	18	8	8
October ...	0·0	0·0	—	—	—
November...	6·0	6·0	4	1	1
December...	0·0	0·0	—	—	—
TOTAL ...	570·3	—	—	39	37

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)
1915					
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	63·7	13·3	14	7	7
July	187·6	43·4	13	12	12
August ...	112·8	32·4	22	11	11
September .	64·6	26·2	17	9	9
October ...	9·2	9·2	12	1	1
November .	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
Total ...	437·7	—	—	40	40

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	1·0	1·0	17	1	1
April	2·5	2·5	17	1	1
May	8·3	3·5	4	3	3
June	101·9	27·5	9	8	8
July	166·7	26·2	21	11	11
August ...	127·9	35·5	26	7	7
September...	185·7	65·2	11	9	9
October ...	27·1	15·3	6	4	4
November...	69·9	43·5	3	3	3
December...	0·0	0·0	—	—	—
Total ...	691·0	—	—	47	47

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	Drops	Drops	4	—	—
March ...	Drops	Drops	19	—	—
April	Drops	Drops	16	—	—
May	71·5	46·0	4	3	3
June	162·0	47·0	17	8	8
July	92·8	31·0	10	11	11
August ...	229·0	54·0	20	13	12
September..	200·0	42·5	12	9	9
October ...	163·0	45·0	2	6	6
November...	25·0	12·5	5	3	3
December...	0·0	0·0	—	—	—
Total ...	943·3	—	—	53	52

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April	0·0	0·0	—	—	—
May	6·5	6·5	31	1	1
June	5·8	5·8	13	1	1
July	1·9	1·0	7	2	1
August ...	39·0	18·0	8	4	4
September...	34·1	19·8	8	3	2
October ...	0·0	0·0	—	—	—
November..	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
Total ...	87·3	—	—	11	9

Geteina (White Nile).

φ=14° 19′ 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)
1915					
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	10·5	4·5	1	4	4
July	16·5	15·5	17	2	2
August ...	184·0	66·5	27	9	9
September...	79·0	39·0	9	5	5
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
Total ...	290·0	—	—	20	20

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)
1915					
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	86·0	33·0	6	4	4
July	42·5	14·7	17	7	6
August ...	82·2	19·2	6	8	8
September .	89·5	50·0	2	8	7
October ...	8·5	8·5	3	1	1
November .	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
Total ...	308·7	—	—	28	26

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)
1915					
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	26·0	13·0	16	4	4
July	85·0	29·0	8	8	8
August ...	155·0	71·0	1	5	5
September...	38·0	33·0	2	2	2
October ...	0·0	0·0	—	—	—
November...	5·0	5·0	4	1	1
December...	0·0	0·0	—	—	—
Total ...	309·0	—	—	20	20

Jebelein (White Nile).

φ=12° 35′N. λ=32° 47′ E. h=390 m. h_r=1·5 m.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Date	Days with ≥0·1 (mm. of rain)	Days with ≥1·0 (mm. of rain)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	Closed after March 5, 1915.				
April					
May					
June... ...					
July					
August ...					
September...					
October ...					
November...					
December...					
Total ...	—	—	—	—	—

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)
1915					
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	3	1	1
June	47·0	18·0	25	5	5
July	133·0	55·0	27	10	10
August ...	158·0	60·0	17	6	6
September...	25·0	13·0	14	3	3
October ...	3·0	3·0	23	1	1
November...	4·0	4·0	14	1	1
December...	0·0	0·0	—	—	—
Total ...	376·0	—	—	27	27

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	5·5	5·5	29	1	1
May	27·4	14·5	29	4	4
June	104·6	57·4	15	7	7
July	198·6	51·8	23	11	11
August ...	201·3	58·5	1	8	8
September...	121·1	72·0	18	8	7
October ...	44·9	20·3	6	8	5
November...	26·5	21·2	17	2	2
December...	0·0	0·0	—	—	—
Total ...	729·9	—	—	49	45

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	No observations.				
April					
May					
June	59·0	32·0	19	6	6
July	146·6	24·2	22	11	11
August ...	No observations.				
September..	124·8	43·3	4	4	4
October ...	90·3	51·0	6	4	4
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
Total ...	—	—	—	—	—

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	4·8	4·8	19	1	1
April... ...	Drops	Drops	30	—	—
May	53·2	27·8	5	7	6
June	90·3	30·1	2	14	10
July	165·1	85·7	16	14	12
August ...	200·7	34·5	11	18	15
September .	93·1	29·1	21	12	9
October ...	10·3	4·2	6	4	3
November...	10·8	7·8	19	4	3
December...	0·0	0·0	—	—	—
Total ...	627·3	—	—	74	59

Rainfall Stations in the SUDAN *(continued)*.

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	1·6	1·6	18	1	1
April	4·4	3·7	29	2	1
May	68·0	52·0	4	5	3
June	89·7	26·5	20	12	10
July	113·7	21·8	26	11	10
August ...	250·7	41·5	25	17	17
September .	101·1	34 5	21	12	11
October ...	5·0	3·1	5	3	2
November...	23·8	20·5	1	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	658·0	—	—	65	57

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0.0	0·0	—	—	—
March ...	12·9	12·9	19	1	1
April... ...	0·0	0·0	—	—	—
May	43·1	20·2	8	6	4
June... ...	137·5	21·0	25	13	13
July	134·8	36·1	7	14	14
August ...	170·1	34·8	24	17	17
September..	134·5	84·9	24	8	8
October ...	62·9	45·7	2	4	3
November..	39·3	28·4	2	2	2
December...	0·0	0·0	—	—	—
TOTAL ...	735·1	—	—	65	62

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)
1915					
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	36·0	9·0	13	5	5
July	100·0	36·0	20	7	7
August ...	170·0	78·0	29	4	4
September.	35 0	14·0	16	3	3
October ...	0.0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	341·0	—	—	19	19

Omdum (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)
1915					
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	4·0	4·0	14	1	1
July	5·0	5·0	28	1	1
August ...	146·2	53·2	27	5	5
September...	24·0	24·0	2	1	1
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	179·2	—	—	8	8

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0.0	0·0	—	—	—
May	5·0	5·0	30	1	1
June	25·3	14·0	16	4	3
July	91·3	67·0	8	10	10
August ...	112·7	31·0	1	9	8
September...	43·0	26·0	2	4	4
October ...	1·5	1·5	7	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	278·8	—	—	29	27

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	2·0	2·0	30	1	1
May	12·0	6·0	1, 31	2	2
June	48·5	20·8	16	6	6
July	37·8	10·0	2	7	7
August ...	156·8	38·5	1	7	7
September...	59·9	15·3	2	6	6
October ...	12·7	12·7	7	1	1
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	329·7	—	—	30	30

Rainfall Stations in the SUDAN *(continued).*

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)
1915					
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	35·0	19·5	26	7	6
August ...	196·1	72·0	14	7	7
September...	102.0	49·0	12	4	4
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	335·1	—	—	18	17

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	7·0	7·0	15	1	1
May	14·4	13·4	30	2	2
June	36·0	23·0	15	7	6
July	43·5	15·0	26	7	7
August ...	87·0	17·0	4	11	11
September..	59·4	23·5	2	9	9
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	247·3	—	—	37	36

El Nahud (Kordofan).

φ=12° 44′ N. λ=28° 25′ 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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	28·0	28·0	31	1	1
June	96·6	30·0	1	7	7
July	65·9	21·0	8	10	10
August ...	107·2	45·0	17	6	6
September...	130·5	52·0	17	5	5
October ...	0·0	0·0	—	—	—
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	428·2	—	—	29	29

Delling (Kordofan).

φ=12° 2 N. λ=29° 38′ E. h=6 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)
1915					
January ...	Commenced Sept. 19, 1915.				
February ...					
March ...					
April... ...					
May					
June					
July					
August ...					
September	*29·0*	17·0	26	4	4
October ...	29·3	12·8	5	4	4
November...	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	—	—	—	—	—

Tagalle (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)
1915					
January ...	Commenced September 19, 1915.				
February ...					
March ...					
April... ...					
May					
June					
July					
August ...					
September	*61·9*	42·0	28	3	3
October ...	7·9	5·0	23	2	2
November	0·0	0·0	—	—	—
December...	0·0	0·0	—	—	—
TOTAL ...	—	—	—	—	—

Taludi (Kordofan).

φ=10° 39′ 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)
1915					
January ...	Commenced August 6, 1915.				
February ...					
March ...					
April... ...					
May					
June					
July					
August ...	*72·3*	15·0	30	12	11
September	182·1	49·5	23	11	11
October ...	105·7	40·5	9	6	6
November	1·0	1·0	4	1	1
December	0·0	0·0	—	—	—
TOTAL ...	—	—	—	—	—

Rainfall Stations in the SUDAN (*continued*).

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
1915					
January ...	*0·0*	0·0	—	—	=
February ...	No observations				
March ...					
April					
May	*0·0*	0·0	—	—	—
June	No observations				
July					
August ...					
September					
October ...					
November					
December...	0·0	0·0	—	—	—
TOTAL ...	—	—	—	—	—

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
1915					
January ...	0·0	0·0	—	—	—
February ...	37·3	20·0	3	4	2
March ...	2·3	2·0	27	3	1
April	94·3	33·0	29	8	8
May	62·7	23·0	3	12	9
June	258·3	59·0	11	18	15
July	133·2	64·0	22	8	5
August ...	141·4	40·0	15	10	9
September	109·5	34·0	5	6	6
October ...	67·5	14·5	6	7	7
November	28·5	9·0	3, 8	4	4
December...	9·5	9·5	13	1	1
TOTAL ...	944·5	—	—	81	67

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
1915					
January ...	0·0	0·0	—	—	—
February ...	18·0	10·0	2	3	3
March ...	63·0	22·0	9	3	3
April	65·0	41·0	7	4	4
May	112·0	52·0	2	10	10
June	224·0	70·0	3	9	9
July	105·0	46·0	31	10	10
August ...	95·0	35·0	6	7	7
September	115·0	51·0	11	9	9
October ...	56·0	40·0	6	5	5
November	22·0	10·0	2	3	3
December...	No observations.				
TOTAL ...	*875·0*	—	—	*63*	*63*

Akobo Post (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
1915					
January ...	Drops	Drops	15, 28	—	—
February ...	2·6	2·6	3	1	1
March ...	11·7	10·4	9	3	2
April	81·1	44·2	7	5	5
May	203·8	73·7	4	11	11
June	104·5	38·9	3	13	9
July	79·6	18·4	22	10	9
August ...	184·0	71·4	28	14	13
September	52·0	16·8	25	8	6
October ...	111·0	46·5	18	6	6
November	86·5	80·0	17	3	3
December...	0·0	0·0	—	—	—
TOTAL ...	916·8	—	—	74	65

Raga (Bahr el Ghazal).

φ=8° 27′ N. λ=25° 47′ 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
1915					
January ...	0·0	0·0	—	—	—
February ...	4·0	4·0	4	1	1
March ...	0·0	0·0	—	—	—
April... ...	2·3	2·3	17	1	1
May	49·2	16·5	26	8	7
June	138·4	46·5	9	13	13
July	302·5	57·0	10	16	16
August ...	310·7	69·2	6	20	18
September	168·8	52·6	2	13	13
October ...	16·8	5·1	1	8	7
November	18·0	14·0	15	2	2
December	00	0·0	—	—	—
TOTAL ...	1010·7	—	—	82	78

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
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	0·0	0·0	—	—	—
April... ...	0·0	0·0	—	—	—
May	30·4	16·0	5	3	3
June	66·3	16·9	10	7	7
July	172·5	74·0	24	9	9
August ...	73·7	25·2	28	4	4
September	94·5	51·5	15	3	3
October ...	81·0	24·0	10	5	5
November	25·5	12·5	6	3	3
December...	0·0	0·0	—	—	—
TOTAL ...	543·9	—	—	34	34

Rainfall Stations in the SUDAN (*continued*).

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
1915					
January ...	0·0	0·0	—	—	—
February ...	No observations.				
March ...					
April ...					
May ...	59·0	19·0	4	4	4
June	92·0	21·0	7	6	6
July	125·0	45·0	14	4	4
August ...	No observations.				
September					
October ...					
November					
December...	0·0	0·0	—	—	—
TOTAL ...	—	—	—	—	—

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
1915					
January ...	0·0	0·0	—	—	—
February ...	113·8	113·8	4	1	1
March ...	27·1	19·3	9	4	4
April... ...	8·8	5·0	23	2	2
May	55·1	33·8	8	4	4
June... ...	202·0	56·0	9	11	11
July	124·3	56·5	31	7	7
August ...	326·6	95·0	11	11	11
September	160·1	55·0	4	8	7
October ...	47·6	31·0	28	6	5
November	36·0	36·0	1	1	1
December...	0·0	0·0	—	—	—
TOTAL ...	1101·4	—	—	55	53

Deim Zubeir (Bahr el Ghazal).

φ=7° 43′ N. λ=26° 17′ E. h=660 m. h_r 1·1

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
1915					
January ...	0·0	0·0	—	—	—
February ...	6·0	0·0	6	1	1
March ...	70·6	41·5	29	4	4
April... ...	44·0	34·5	4	2	2
May	120·0	27·5	9	10	10
June	163·5	45·0	10	9	9
July	328·5	125·5	31	11	11
August ...	384·5	137·0	5	10	10
September	185·0	34·0	1	14	14
October ...	133·5	42·0	8	7	7
November	41·0	25·0	18	3	3
December...	0.0	0·0	—	—	—
TOTAL ...	1476·6	—	—	71	71

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
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	10·0	10·0	14	1	1
April... ...	53·0	25·0	28	3	3
May	134·0	67·0	6	4	4
June	141·0	41·0	19	8	8
July	197·0	58·0	23	6	6
August ...	75·0	22·0	27	7	7
September	196·0	70·0	22	10	10
October ...	119·0	40·0	1	8	8
November	0·0	0·0	—	—	—
December	0·0	0·0	—	—	—
TOTAL ...	925·0	—	—	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
1915					
January ...	0·0	0·0	—	—	—
February ...	17·0	13·6	28	2	2
March ..	106·9	64·3	26	3	3
April... ...	148·7	46·3	24	7	7
May	105·0	84·0	6	4	4
June	203·3	66·0	24	8	8
July	55·3	22·0	31	5	5
August ...	183·0	75·0	2	6	6
September	374·7	91·0	23	9	9
October ...	143·0	80·0	1	5	5
November	72·0	36·0	3,10	2	2
December	0·0	0·0	—	—	—
TOTAL ...	1408·9	—	—	51	51

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
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	17.1	7·0	27	4	3
April... ...	68·3	23·0	14	5	5
May	85·7	48·0	18	4	4
June	159·4	46·0	26	7	7
July	83·3	30·5	17	7	6
August ...	72·3	18·5	30	9	9
September	169·5	44·0	23	6	6
October ...	104·5	20·0	29	9	9
November	39·9	18·0	11	5	5
December	0·0	0·0	—	—	—
TOTAL ...	800·0	—	—	56	54

Rainfall Stations in the SUDAN *(continued).*

Rejaf (Bahr el Jebel).

φ=4° 45′ N. λ=31° 35′ 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)
1915					
January ...	0·0	0·0	—	—	—
February ...	12·0	10·0	2	2	2
March ...	39·0	11·0	29, 30	7	7
April... ...	138·5	45·0	12	9	9
May	241·5	56·5	2	15	15
June	199·0	52·0	2	6	6
July	53·5	18·0	19	9	9
August ...	220·5	64·0	1	8	7
September	203·0	50·0	17	14	14
October ...	138·0	45·0	27	6	6
November	43·0	31·0	1	5	5
December...	2·0	2·0	5	1	1
TOTAL ...	1290·0	—	—	82	81

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	9·0	5·0	5	2	2
March ...	26·2	14·2	26	3	3
April	66·0	23·0	28	6	6
May	103·2	30·0	8	7	7
June	109·1	45·1	2	10	9
July	196·5	88·1	8	9	9
August ...	163·5	42·6	17	7	7
September...	100·6	40·2	15	6	5
October ...	106·0	26·0	20	6	6
November...	66·0	36·0	1	3	3
December...	36·0	18·0	1	4	4
TOTAL ...	982·1	—	—	63	61

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)
1915					
January ...	18·1	16·7	12	2	2
February ...	53·8	26·2	3	4	4
March ...	54·3	26·9	22	3	3
April... ...	40·3	16·8	30	4	4
May	195·4	27·8	19	19	17
June	346·5	36·8	30	23	23
July	203·0	44·6	11	29	27
August ...	366·7	89·4	12	19	19
September	346·0	51·7	8	27	26
October ...	365·7	37·7	2	27	27
November	109·3	20·1	4	12	12
December...	37·0	25·5	5	2	2
TOTAL ...	2136·1	—	—	171	166

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)
1915					
January ...	0·0	0·0	—	—	—
February ...	0·0	0·0	—	—	—
March ...	6·3	6·3	18	1	1
April... ...	89·7	15·3	14	7	7
May	79·2	15·3	13	9	9
June	99·9	20·1	29	10	10
July	64·5	15·2	12	6	6
August ...	78·8	20·2	25	8	8
September	70·9	15·4	25	7	7
October ...	67·6	15·2	15	9	9
November	10·6	4·2	15	3	3
December...	0·0	0·0	—	—	—
TOTAL ...	567·5	—	—	60	60

Adamitullu (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)
1915					
January ...	1·7	1·7	14	1	1
February ...	2·4	1·2	25	3	2
March ...	27·4	8·0	15	11	7
April... ...	57·8	12·6	29	14	10
May	45·7	12·2	6	12	7
June	81·6	1·4	8	17	11
July	104·2	21·0	8	13	11
August ...	43·0	15·1	22	10	6
September	Closed after September 10, 1915.				
October ...					
November					
December					
TOTAL ...	—	—	—	—	—

Dessié.

φ=12° 30′ N. λ=39° 45′ E. h=2300 m. h_r=1·0 m.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Date	Days with ≥0·1 (mm. of rain)	Days with ≥1·0 (mm. of rain)
1915					
January ...	13·0	13·0	9	1	1
February ...	0·0	0·0	—	—	—
March ...	69·0	26·0	28	4	4
April... ...	114·0	32·0	9	8	8
May	54·0	22·0	4	3	3
June	80·0	25·0	7	5	5
July	199·0	52·0	25	11	11
August ...	164·0	32·0	30	10	10
September	—	—	—	—	—
October ...	—	—	—	—	—
November	—	—	—	—	—
Decen.ber	5·0	5·0	4	1	1
TOTAL ...	—	—	—	—	—

Quoram.

φ=11° 1′ N. λ=39° 45′ E. h=2300 m. h_r=1·0 m.

MONTH	RAINFALL mm. Total	Maximum of one day Amount	Maximum of one day Date	Days with ≥0·1 (mm. of rain)	Days with ≥1·0 (mm. of rain)
1915					
January ...	0·0	0·0	—	—	—
February ...	0.0	0·0	—	—	—
March ...	80·0	26·0	26	7	7
April... ...	108·0	35·0	27	13	13
May	145·0	60·0	7	12	12
June	34·0	19·0.	4	5	5
July	188·0	45·0	22	15	15
August ...	170·0	46·0	30	15	15
September	101·0	48·0	8	10	10
October ...	24·0	16·0	1	4	4
November	5·0	3·0	3	2	2
December	130·0	90·0	9	3	3
TOTAL ...	985·0	—	—	86	86

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)
1915					
January ...	2·5	2·3	8	2	1
February ...	23·2	13·5	25	6	4
March ...	105·1	24·0	27	16	15
April... ...	126·2	39·2	14	15	13
May	133·2	34·3	7	12	10
June	121·0	34·5	9	10	10
July	345·0	34·0	3	27	27
August ...	378·0	28·0	17	27	27
September	570·0	32·0	23	28	28
October ...	59·0	13·0	31	8	8
November	27·1	12·0	1	4	4
December...	10·6	3·1	30	5	5
TOTAL ...	1900·9	—	—	160	152